



VOLUME – I



PREFACE



It gives me immense pleasure to present the self-study report which highlights the significant progress of Kakatiya University during the period of assessment. The University is going for the 3rd Cycle of accreditation by National Assessment and Accreditation Council (NAAC).

Kakatiya University is one of the premier centers of higher education in Telangana aiming at excellence in teaching, research and extension activities ensuring quality, access, equity and values. The Mission of the University is to acquire commanding heights in the field of innovation, knowledge dissemination, cutting-Edge research, competency-building and extension activities with holistic approach for societal needs. The University believes in inculcating competitive spirit and human values among the students promoting peace and harmony in the society. It contributes for the amelioration of the weaker sections in an economically, socially and educationally developing region of the State of Telangana.

The Kakatiya University was first accredited with B+ grade in the year 2003. The University was subsequently re-accredited with 'A' grade in 2009. It occupied 38th position in national level rankings by **India Today-Nielsen Survey**. Kakatiya University established Memorandum of Understanding (MoU) with several universities and research institutes for collaborative research.

The significant areas of the achievements of the University during the period of assessment include collaborative research with national and international centers, sanction of DRS-SAP, DST-FIST and ICSSR programmes, undertaking research projects and publishing research papers, use of ICT for teaching-learning process, reaching out to the unreached through ODL, award of Indira Gandhi National Award by Govt. of India and State Government Awards for NSS Unit of University, capacity-building of the students to improve their employability skills. The University has been regularly making SWOC analysis and is leaving no stone unturned to achieve excellence through concerted efforts of its stakeholders.

I am confident that the creditable achievements of the University evidenced in the report and subsequent assessment and accreditation will certainly help the University to march towards academic excellence.

Place : Warangal
Date : 24-03-2017

Prof. R. SAYANNA



Declaration by the Head of the Institution

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the peer team will validate the information provided in this SSR during the peer team visit.

Signature of the Head of the Institution

Place: Warangal
Date: 24-03-2017



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EXECUTIVE SUMMARY

Introduction

Kakatiya University is located in a sprawling area of about 640 acres in Warangal city of Telangana and with 510.41 acres in ten districts' constituent colleges. It has been catering to the educational needs of the North Telangana, a developing region comprising ten districts, namely Warangal Urban, Warangal Rural, Mahabubabad, Jayashankar Bhoopalpally, Jangaon, Mancherla, Khammam, Bhadrachalam, Nirmal and Adilabad. The University was established in 1976 and has completed 40 years of its service in the cause of higher education, research and training in the faculties of Arts, Commerce, Education, Engineering, Law, Pharmacy, Science and Social Sciences, thus laying a strong foundation for academic progress. The University was accredited with "B⁺" grade by NAAC in 2003 and again re-accredited with "A" grade during the year 2009.

Vision

**Transforming the University into a Centre of Excellence
Ensuring Quality, Access, Equity and Values**

Mission

Acquiring commanding heights in the field of Innovation, Knowledge dissemination, Cutting-edge Research, Competency building and Extension activities with Holistic approach for Societal needs.

Objectives:

- To attain high standards in teaching
- To impart qualitative knowledge and develop all-round skills of the students keeping in view the latest technological advancements and innovations.
- To make research socially relevant.
- To undertake collaborative research work with reputed national and international institutions/organizations.
- To undertake extension activities and community services involving the faculty and students with a view to contributing to social harmony and peace in the society.
- To inculcate righteousness, culture, tradition and human values among the students.
- To make the students globally competent.
- To promote national integration among the students.
- To promote interaction between the University and civil society.
- To achieve transparency and accountability in University administration.
- To provide the socially deprived sections of the society access to higher education to ensure equity.



I CURRICULAR ASPECTS

1.1 Jurisdiction of the University

Kakatiya University has **24** Departments with a network of **18** constituent colleges and about **529** Affiliated colleges. It has Post-Graduate Colleges at Subedari (Hanamkonda), Nirmal, Khammam, Jangaon, Jayashankar Bhoopalpally, Mahabubabad and University Engineering College at Kothagudem. Among the affiliated colleges, the University has **395** Arts & Science; **3** Law; **8** Engineering; **53** Education; **38** Management; **8** MCA and **24** Pharmacy colleges under its jurisdiction.

- The University has eight faculties and offers **9** undergraduate courses and **35** postgraduate courses; **6** Certificate, **2** Diploma, **1** PG Diploma Courses and **2** Five Year Integrated Courses.
- In addition to these courses, the University offers M.Phil. and Ph.D. Programmes in **10** and **28** subjects respectively.
- The School of Distance Learning and Continuing Education, Kakatiya University offers **54** courses/programmes through distance mode.
- The University imparts education through its courses to about **3.20 lakh** students every year, mostly representing the socially backward groups and the backward region.

1.2 New Courses during 2009-2017

The University introduced the following interdisciplinary and job oriented courses/programmes during 2009-2017:

UG Level

- B.Sc.(Voc) courses in IT, Travel and Tourism
- B.Tech (EEE)

PG Level

- Nanoscience as third specialization in second year of M.Sc.(Physics) – emerging area
- Master in Communication and Journalism (MCJ) – inter disciplinary
- M.A(Gender studies) – inter disciplinary
- Master in Social Work (MSW) – inter disciplinary
- M.P.Ed. – inter disciplinary and
- M.Tech in Digital Communication – emerging area

Research Level

- Ph.Dprogramme in Biotechnology emerging area

Out of these six are inter-disciplinary and three are in emerging areas.

Centres

1. Dr. B.R. Ambedkar Studies Centre
2. Coaching Centre for SC/ST and Minority Students for NET and other Competitive Examinations
3. Center for Women's Studies
4. Kakatiya Adhyayana Kendram
5. Students Welfare Centre



6. Placement Cell
7. Centre for Foreign Relations and Consultancy Services
8. SC / ST Cell
9. Yoga Centre
10. Centre for English Language Teaching
11. Computer Centre
12. Central Instrumentation Centre
13. University – Industry Linkage Centre
14. Consultancy Cell

1.3 Courses Introduced under Distance Mode during 2009-2017

The following job-oriented, self-employable courses have been introduced under distance education providing access to the weaker sections:

1. BA (Hotel Management)
2. BA (Fashion Design)
3. BCJ
4. Executive MBA programme
5. MBA Programme
6. MCA Programme
7. MCJ
8. MA Rural Development
9. MHRM
10. Diploma Course in Mimicry
11. Master's Degree in Botany, Chemistry, Physics, Zoology

1.4 Curriculum Update

The University is keeping in pace with ever-growing competition in various fields of education by revising and updating both the Undergraduate and Postgraduate courses periodically:

- The Boards of Studies of the respective departments undertake this responsibility following the guidelines of UGC/AICTE/NCTE.
 - The educational needs of the developing region of the state
 - Interdisciplinary approach and academic flexibility
 - Global challenges
 - Placement opportunities
 - Improvement of communication skills and exposure to information technology among rural and socially backward groups
 - Needs of the Industry, national and international market
 - Preparing the students for competitive examinations
- Academic Senate of the University under the Chairmanship of the Vice-Chancellor meets periodically to guide and monitor the academic activities of the departments.
- Deans of Faculties organize faculty meetings and collect feedback on academic matters and incorporate their views in the syllabi and ensure uniformity of standards, especially trying to adhere to the syllabus recommended by UGC, New Delhi and other apex bodies.



- The Standing Committee of Academic Senate of the University meets once in three months and if necessary in emergency meetings it reviews and coordinates the academic activities of the departments.
- The University, during 2009-2017 has initiated/designed 9 courses and also restructured the existing courses from time to time.
- Almost all the departments revised their syllabi and introduced Choice Based Credit System (CBCS) in all PG (Non-professional) and UG (Non-professional) courses.
- Internal Assessment system is introduced in all the Under-Graduate and Post-Graduate courses.

II TEACHING-LEARNING AND EVALUATION

2.1 Admission Process

The first step in the teaching-learning process is to evolve foolproof admission policy. The University established the Directorate of Admissions for conducting entrance examinations and initiating the admissions for various UG, PG courses. The Deans of Faculties, Chairpersons, Boards of Studies and Heads of the Department are also associated with the admission process. The University adopts the guidelines given by the state-level bodies like the Commissionerate of Higher Education. The Students Welfare Centre and the Foreign Relations Office coordinate the admission process while the Academic Audit Cell supervises the academic standards of different affiliated colleges.

- The Director of Admissions of the University conducts the entrance test for academic courses every year in the month of May/June and completes the admission process by the end of July. The University strictly adheres to the rank system according to the merit list and the reservation policy of the State government in admitting the students.

This process ensures not only merit but also equity to the students representing different groups.

- Students are admitted into MCA, MBA, M.Pharmacy, BEd., Engineering Courses through the state-level Common Entrance Examinations in accordance with the guidelines of the State Government/Agencies from time to time.
- Directorate of Admissions is also the nodal centre for making admissions online by Telangana State Council for Higher Education for Undergraduate, MBA, MCA, B.Ed. and other courses.
- The Dean, Academic and Audit Cell monitors the admission process to ensure uniformity in the admission process in all the constituent and affiliated colleges of the University.
- Statutory reservation policy of the Government of Telangana is strictly followed.
- One third of the seats in all the courses are reserved for women candidates.
- Seats are also reserved for differently-abled groups, athletes and sports persons, NCC Certificate holders and Children of Ex-Servicemen as per rules.

✓	PG; M.Phil.& Ph.D.	–	Merit in Entrance Examination
✓	PG Professional	–	Merit in State Entrance Examination
✓	UG	-	Merit in Qualifying Examination
✓	UG Professional	-	Merit in State Entrance Examination



- The University has a mechanism through which the differential requirements of the student population are analyzed after admission and before the commencement of classes.
- The orientation programme conducted at each department/subject before the commencement of the teaching programme helps in understanding and assessing the knowledge base and skills of the students.
- The interaction of individual teachers with students in the class to understand their level helps the teacher in the modification of his teaching methodology to suit the students and enhance their level of understanding.
- The performance of students in the first and second internal tests which are a part of continuous internal evaluation also helps in getting an understanding of the requirements of the students.
- The departmental committee and board of studies review the differential requirements of the students in respect of the curriculum, career opportunities, training on soft skills etc. and suggest proper measures.

- ✓ Laboratory work
- ✓ Field work
- ✓ Project work
- ✓ Study tours
- ✓ Intercollegiate meets
- ✓ Special Coaching Programme in
 - a) Communication Skills/Spoken English
 - b) Various Competitive Examinations (SC/ST)
- ✓ Inculcate positive thinking for all round development
- ✓ Guest Lectures by Experts
- ✓ Interface between Visiting Professors and Faculty and Students
- ✓ e-learning

2.3 Teaching-Learning Process

The quality of service/product of any organization to a large extent depends on the qualified, committed human resource. Kakatiya University has **175** permanent teachers and **82** temporary teachers to complete the academic programmes as per the schedule. In addition, the University is in process of filling up vacant posts after getting the clearance from the State Government.

- 98% of the teachers hold Ph.D. degrees.
- The teaching work-load of the teachers is fixed as per the guidelines.
- The teacher student ratio is **1 : 10**.
- Modern teaching aids are used in class-room instructions.
- The University encourages departments to organize Summer Institute/ Refresher/Orientation Programmes for the benefit of not only of our faculty, but also of the constituent, affiliated college teachers and the teachers of other Universities. During the assessment period the University Departments organized several Refresher / Orientation Programmes for the benefit of the teachers of the University and Under-Graduate College teachers as well.



- The teachers are deputed to attend refresher/orientation programmes, seminars/conferences/workshops to enable them to interact with the experts and acquire latest developments in their respective fields.
- Senior faculty members visit various universities/institutions and serve as resource persons and deliver lectures to the participants of orientation/refresher courses/seminars, etc.
- Several teachers of the University received awards and honours for their outstanding academic and research achievements from the state and national institutions.
- Three of faculty members have been appointed as Vice-Chancellors of sister Universities.

✓	Sanctioned Strength – 361	
✓	Permanent teaching faculty – 175	
✓	Teachers on Temporary basis – 82	
✓	Recently sanctioned posts by State Government – 25 + 19 = 44	
✓	Percentage of Teachers with Ph.D. Degree – 98%	
✓	Teacher-Student Ratio – 1 : 10	
✓	Teaching work load as per UGC guidelines (Class room lectures)	
*	Associate Professor/Professor	= 14 periods per week
*	Assistant Professor	= 16 periods per week

2.4 Examination Reforms and Evaluation

Reforms in any sector/division would enable the organization to enhance the performance of the division. The University, during 2009-2017, either restructured the existing procedures or introduced new methods to reduce the delay, expenditure in the examination work and also help the students to get the certificates at the earliest. The important reforms/practices adopted in the examination system are:

- Complete Automation of Examination Branch
- Instant Supplementary Examinations
- Coding of Answer Scripts
- Photo Scanned Hall Tickets
- Internal Assessment
- Display of Results and marks on KU Website
- Computerized Degree Certificates
- Tatkal Scheme for issue of certificates
- Number of PG Scripts – 1.20 lakhs
- Number of UG Scripts – 12 lakhs
- Number of Professional Scripts – 2.10 lakhs
- Number of examination Centres in Ten Districts – 240
- Photocopies of the Answer Scripts are provided on demand for ensuring transparency

All the above measures ensure the economy, efficiency and impartiality in evaluating the performance of the students. The feedback from students and parents show that they are contented about the reforms introduced in the examination system.



III RESEARCH, CONSULTANCY AND EXTENSION

Apart from teaching, the other key activities of the University are research, consultancy and extension.

3.1 Research Projects

The University is vibrant with research activities. It carries out research projects sponsored by the various national and international reputed funding agencies. During 2009-2017, it has established close rapport with several foreign universities and research institutes. Further, it is also undertaking collaborative research work with national reputed institutions/universities/NGOs like CESS, Hyderabad; DST, New Delhi; JNTU, Hyderabad; ICT, Hyderabad; CWS, Hyderabad; NIT, Warangal.

- Each of the departments has a considerable research output to its credit. The University is also encouraging the departments to undertake collaborative research work on the areas relevant to the society.
- The faculty members, during 2009-2017, have undertaken around **103** major research projects funded by national and international agencies with a total outlay of about **Rs. 10.00 crores**.
- 2786 Research publications, 1265 in Scopus database with an average impact factor of 0.972 and 965 in web of science database with an average citation for paper of 4.85 published in national and international journals.
- Twelve departments (Botany, Pharmacy, Economics, Telugu, Public Administration, Physics, History, Chemistry, Microbiology, Biotechnology, Commerce and English) have been identified by UGC under DRS-SAP.
- Nine NON-SAP departments (Mathematics, Zoology, Botany, Pharmacy, Chemistry, Microbiology, Geology, Physics and Biotechnology) have been sanctioned financial assistance by UGC, New Delhi under Basic Scientific Research Scheme.
- Eight departments (Chemistry, Pharmacy, Botany, Geology, Zoology, Microbiology, Biotechnology and Mathematics) have research projects sponsored by DST-FIST.
- Two Departments (Zoology and Botany) have been sanctioned grants by the DST under Inspire program.

- ✓ Research Projects – **103**
- ✓ Departments under UGC DRS-SAP – **12**
- ✓ Departments under DST-FIST – **8**
- ✓ Research grants received from various funding agencies – **Rs. 10.00 crores**
- ✓ Research Journals published by University – **6**
- ✓ Research Papers in National and International Journals – **2786**
- ✓ Books Published – **156**
- ✓ Seminars/Workshops/Conferences/Orientation Programmes – **233**
- ✓ M.Phil. degrees – **281**
- ✓ Ph.D. degrees – **998**

3.2 Research Journals

The University is bringing out 6 journals from the research grant and encourages the young scholars, faculty to publish their respective research topics/projects for giving



wider canvass to the research work. It also invites articles from the scholars/teachers of other universities.

3.3 Research Guidance

- The faculty members of the departments have been actively engaged in research guidance. Currently around **990** Ph.D. and **240** M.Phil. scholars are pursuing their research programme.
- Large number of writings of the teachers of the departments has been published. The books authored, co-authored or edited by the faculty and the number of papers published run to a couple of hundreds and around 2800, respectively. Some of the papers published in international journals have been cited by research scholars of various hues.

3.4 Seminars/Workshops

During the present assessment period, University departments have organized **174** seminars/conferences/workshops/symposia involving distinguished academicians, experts from industry, administrators, social workers, media persons and others.

The Department of Biotechnology organized an International Conference with distinguished foreign scientists including Nobel laureates. Most of the seminar proceedings are being published in the book form.

3.5 Linkages with National/International Academic/ Research Bodies

The University has developed linkages with **39** reputed national and international institutions for strengthening the research and academic programmes of the departments. Mention may be made of collaboration with National Centre for Genetic Resource and Biotechnology, Brasilia, Brazil; State Biotechnology Centre, Murdoch University, Australia; University of Bonn, Robert Bosch Hospital, Germany and Shanghai Institute of Biological Sciences, China.

3.6 MoUs including other Achievements

The University has entered the following MoUs:

1. The Department of Plant Molecular Biology, Groningen University, the Netherlands and the Department of Biotechnology, Kakatiya University.
2. The Botanical Institute Ludwig, Maximillians University, Munich, Germany and the Department of Botany and Biotechnology, Kakatiya University.
3. The Murdoch University, Perth, WA and the Department of Biotechnology, Kakatiya University.
4. The National Centre for Genetic Resources & Biotechnology, Brasilia, Brazil and the Department of Biotechnology, Kakatiya University.
5. Eretria Institute of Technology, Asmara.
6. The European Union under ERAMUS Project.
7. Doctus, Hyderabad
8. WSU, MSU and ISU, USA in Biotechnology.
9. Girne American University, Cyprus, UK.
10. NTH Co., Ltd., Japan.
11. NSL Mining Consolidated Ltd, Australia and
12. MDI, Gurgoan for the exchange of students and teachers between the institutions.



13. Australian Centre of Industrial Biotechnology, AC1B, GmbH, Petersgasse,14, 8010 Graz
14. International Institute of Waste Management, Bhopal, M.P.
15. University of Malaysia Penhang, Govt. Of Malaysia, Malaysia and the Kakatiya University.
16. ONAN Biotech Pvt. Ltd., Hyderabad
17. Directorate of Seed Research, Kaithali, Mau – 275101 (UP).
18. International collaboration with Institute of Plant Biology, Biological Research Centre, Hungary.
19. International Collaboration with Institute of Systematic Botany and Mycology, LMU, Munich, Germany.
20. International Collaboration with Shanghai Institute of Biological Sciences, Shanghai, China 200032.

IV INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Infrastructure

Kakatiya University possesses reasonably adequate and quality infrastructure support services. The University is constantly striving to improve infrastructural facilities on the campus and also in constituent colleges.

- The University is situated in a sprawling area of about 640 acres. Most of the constituent colleges also have adequate land to meet the demands of the students.
- The University Building Division is entrusted with the responsibility of construction and maintenance of roads and buildings including electrical, sanitation and water supply.
- The total plinth area of constructed buildings is about **1,08,852** square meters.
- The annual budget allocated for maintenance of buildings and infrastructure is Rs. 150.00 Lakhs
- 13 Hostel buildings which are accommodating **1650** Male and Female **1580** students
- News Papers and Periodicals and Television are provided in each Hostel. Each hostel has a common hall.
- Building for Indoor Games
- Building for Gymnasium, Play ground for Cricket, Volleyball, Football, Hockey.
- Seminar Halls in every building
- Health Centre and Day Care Centre
- SBI branches and Extension Counters with Two ATM's
- Post Office
- Central Workshop
- Wi-Fi facility
- During the assessment period, the University created the following accommodation with an estimated cost of Rs. 2,463.98 lakhs:
 - 1) 1200 seated State-of-the-Art Auditorium
 - 2) A new block in the Commerce and Business Management Department.
 - 3) Addition of 1st floor to Mathematics Department.
 - 4) Addition of Academic Block to SDLCE.
 - 5) New accommodation to Building Division.
 - 6) Workshops to the KU College of Engineering and Technology.
 - 7) Sports Hostel to the Sports Board.



- 8) A Women's hostel on the campus.
- 9) Construction of Ground floor of Academic Building for University College of Engineering and Technology.
- 10) Extension of University Guest House.
- 11) Hostel building for KU College of Engineering and Technology.
- 12) Additional class rooms on ground floor and 1st floor in the Department of Commerce and Business Management.
- 13) First Floor over Bio-Technology building for Bio-Informatics Centre.
- 14) Ladies waiting hall at University Arts & Science College.
- 15) Additional accommodation to Chemistry building.
- 16) Middle block over Biological Sciences building.
- 17) Waiting hall for women students at KU.
- 18) Building for University College of Physical Education.
- 19) Women's Hostel Building at University Arts & Science College, Warangal.
- 20) KU website www.kakatiya.ac.in

The following list will summarize the infrastructural facilities available in University Campus.

Infrastructural facilities Available in the University

1. Administrative Building
2. Examination Branch
2. Humanities Building
3. Commerce and Management Building
4. Education Building
5. Physical Sciences Buildings
6. Biology Building
7. Chemistry Building
8. Buildings for Sports Board
9. Principal's Office Building
10. Pharmacy Buildings Complex
11. University Library Building
12. Old Blocks
13. Economics Building
14. Informatics Building
15. Microbiology Building
16. Building for Biotechnology Department
17. Hostel Buildings
18. Centre for English Language Training Building
19. Well furnished state-of-the-art Senate Hall
18. The University Staff Quarters
19. Health Center
20. University Guest House
21. Vice-Chancellor's Lodge
22. Fourteen well furnished seminar halls in ten various departments
23. Drinking water and rest room facilities
24. Canteen
25. School of Distance Learning and Continuing Education Complex
26. A/C University Auditorium with four seminar halls.

**Common facilities on the campus**

1. University Library
2. UGC Unit
3. College Development Council
4. Directorate of Admissions
5. University Hostels
7. Statistical Cell
8. Publication Cell
9. Public Relations Office
10. Placement Cell
11. National Service Scheme
12. Health Centre
13. Academic Audit
14. Directorate of Self-Finance Courses
15. SDLCE
16. Sports Board
17. Gymnasium & Play Fields
18. Track and Athletics Field
19. Indoor Games Complex
20. Beautification of Campus/Avenue Plantation
21. Consultancy Services
22. Free Legal Aid to the Poor
23. Gardens and Parks
24. Bank and Postal Services
25. Bank Extension Counters at University Exam Branch & SDLCE
26. Computer Centre/Website/Networking/Automation
27. University Workshop
28. Grievance Redressed Cell
29. Planning and Monitoring Board
30. Buildings Division
31. IQAC
32. Examination Branch
33. University Guest House
34. Computer Lab established at each department
35. Faculty Recreation Club
36. Right to Information Act
37. Central Instrumentation Centre
38. Student Welfare Centre

Centres / Schemes**With UGC Financial Assistance**

1. Centre for Women's Studies
2. Coaching Centre for SC/ST and Minority students
3. Dr. B.R Ambedkar Studies Centre



With Internal Resources

4. Centre for English Language and Training (CELT)
5. SC/ST Cell
6. Students Welfare Centre
7. Centre for Foreign Relations, Research and Consultancy (CFRAC)
8. Yoga Centre
9. Placement Cell.

4.2 University Central Library

It caters to the needs of the University faculty, research scholars, students' including that of distance education in particular and people of this region in general.

- Floor area is **2750** square meters (29,600 sq.ft.)
- **1,54,158** books
- **30,865** back volumes of research journals
- **4086** Ph.D. theses and M.Phil. dissertations
- Subscribing to **230** Foreign and Indian Research Journals
- Separate reference and periodical sections
- Competitive Examination Material Cell
- SC/ST Book Bank with **2763** books
- Internet Facility with internet zones
- The Library is a member of Information and Library Network (INFLIBNET) and contributing its data of books, journals, theses for the national database
- Access to e-journals through INFLIBNET
- Automation of the Library
- The Library is open throughout the year barring festival holidays from 8.00 a.m. to **8.00 p.m.** and upto **11.00 p.m.** during the examinations
- In addition to the above all the constituent colleges and the PG Departments have separate departmental library facilities

4.3 Technology Upgradation

The University recently enlarged the technological facilities in all its administrative and academic institutions and makes the teachers, scholars and students to get greater accessibility to the outside world. The important efforts of the University during the assessment period are:

- All the administrative offices and the departments and constituent colleges located in Warangal are covered by campus network with 1 Gbps bandwidth internet facility with leased line.
- Optical Fibre Cable and wireless network connecting all the departments/sections/offices for providing intranet and internet facility
- UGC-INFONET for accessing and downloading of journals
- Scholars and Students are given training, periodically in the internet and download the required data/information for their research purpose
- University Computer Centre with all the facilities like Hardware, Software with internet connection was established to impart training in Computer Skills
- All the departments have been provided with a good number of Computers/DLPs, Scanners and Printers
- The Deans of Faculties have been provided computers with internet facility and printers.



- Facility to interact with all the administrative heads of the university through Skype

- ✓ Campus Network with internet
- ✓ Optical Fibre Cable / Wireless Network
- ✓ Access to e-journals by Infilbnet
- ✓ Computer Lab with hardware, software and broadband
- ✓ Modern Equipment
- ✓ Updated research laboratories
- ✓ Skype Interaction

4.4 Equipment/Units

The Science Departments have procured the following modern equipments/units for teaching and research programmes during 2009-2017:

<i>Equipment Name</i>
RTPCR, Cryocans, Refrigerated Shaker and blotting apparatus
Fluorescent Microscope, Cold Room, RTPLR
Gel documentation System
Semi-Automatic Microtome
Gradient PCR
ELISA Microplant Reader
Bio-reactor/Fermentor
Gel-Permeation Chromatography
Millipore Water Purifier System Refrigerated Orbital Shaker
Trinocular Microscope with CCD
Ice-Making Machine Ultra-centrifuge (High Speed)
Computer-LCD Screens – Video & Audio Accessories
Hardware, Server, Printer, Ethernet Switches, Air Conditioners, Computer tables, chairs and software
Cold Room (Walk-in- Chamber
Cold Centrifuge
Orbital Shaker (2.0 Nos.)
Fluorescent Microscope
Hybridization oven
Co2 incubator
Green House
Gel Documentation system
Cold Centrifuge)
HPLC
Millipore water purification system
Electro Cell Manipulator
Deep freezer (-86 C)
ELISA Microplate reader
LC – MS



4.5 Office Automation

- All the departments / sections / offices of the university are well equipped with computers, printers and reprographic facilities and the university is contemplating to have a paperless office through automation.

V STUDENT SUPPORT AND PROGRESSION

5.1 Social Composition of the Students

The unique feature of the University is that it is catering to the educational needs of the developing region of the state. An overwhelming percentage (90%) of the enrolled students belongs to SC, ST, OBC and women. It is pertinent to mention here that during the assessment period, their representation has been increasing year after year in all the UG and PG courses and M.Phil. and Ph.D. programmes. The important services provided to the students, during the assessment period are:

- Increase in the accommodation in the Hostels.
- Common Mess
- Financial Aid: The UG and PG students representing SC/ST/OBC/women get fee reimbursement from the Government of Telangana.
- The SC/ST/OBC M.Phil. and Ph.D. scholars get scholarships from the respective welfare departments, the Government of Telangana.
- UGC and AICTE are providing fellowships to the M.Pharmacy students
- ICHR, New Delhi and ICSSR, Southern Central is sanctioning Research Grants to M.Phil. and Ph.D. students of Social Sciences.
- CSIR is extending financial assistance to the students of science.
- A few research scholars are working as Project Fellows in Major Research Projects of Faculty members.
- Most of the SC/ST Research Scholars pursuing M.Phil. and Ph.D. is getting financial assistance from the UGC, New Delhi under Rajiv Gandhi National Fellowship Scheme. Research Scholars from other communities are also getting financial assistance from UGC, New Delhi under various schemes/fellowships like Dr. S. Radhakrishnan Fellowship, MANF, OBC, Disability apart from ICSSR and ICHR for social science students.
- The University offers University Research Fellowship (URF) for two to three years in each department to pursue their research.
- **1682** students were provided placements in reputed national organizations/industries through Placement Cell.

- ✓ SC/ST/OBC/Women students – **90** per cent
- ✓ Qualified for GATE/NET/SLET – **414**
- ✓ Campus Selections – **1682**
- ✓ Health Services
- ✓ Students Welfare Centre
- ✓ Placement Cell
- ✓ Special Coaching Centres for SC/ST
- ✓ CEFRAC
- ✓ Alumni Associations
- ✓ Special Coaching Centre for Minorities
- ✓ Dr. B.R. Ambedkar Study Centre
- ✓ Kakatiya Adhyayana Kendram
- ✓ Special Coaching Cell for SC/ST to enable them to appear for competitive examinations
- ✓ SC and ST Cell to solve their grievances
- ✓ Special Coaching Classes in Spoken English and Communication Skills through CELT
- ✓ Students Grievances and Redressal Committees
- ✓ Cafeteria



5.2 Students' Welfare Centre

The main motto of the Centre is to Motivate, Assist and Settle (MAS). The centre functions as a i) Counselling Bureau; ii) Career Guidance Cell; iii) Students Welfare Division. The main activities of the Centre during the assessment period, are:

- Organized training in interview skills.
- Procurement of latest Career Guidance Encyclopedia and providing study material on interviews, resume writing.
- Organized Personality Development lectures by eminent personalities.
- The University Students Welfare Centre organizes inter-collegiate literacy competitions, youth parliament, debating competitions, youth festival, and elocution competitions to the students every year.

5.3 Placement Cell

- It coordinates the campus interviews and recruitment programmes by different organizations.
- **1682** students are selected in the campus placements during the assessment period.

5.4 Foreign Relations Office

- The CFRAC has designed a ten months course in English for Foreign students who need to improve their proficiency in English language.
- The University has signed MoU with 16 universities and institutions.
- Foreign students' admission is processed by the CFRAC.
- The CFRAC also provides support for housing and facilitates the students to have a comfortable stay and study.
- In a similar way students from the Kakatiya University are encouraged to visit foreign institutions and eligible students are guided and mentored by Center for Foreign Relations, Research and Consultancy.
- During the assessment period, University attracted considerable number of foreign students with proper planning from CFRAC.
- CFRAC has so far attended to 181 admissions from 26 countries such as Afghanistan, Bangladesh, Bhutan, Brazil, Canada, Cyprus, Oman, Ethiopia, Italy, Iran, Korea, Nepal, Iraq, Libya, Palestine, Saudi Arabia, South Korea, South Sudan, Sri Lanka, Tanzania, Uganda, Yemen, Nigeria, Liberia, Palestine and the USA.

5.5 Health Services

The University Health Centre caters to the needs of the students, staff and their families.

- Since the inception of the University, Health Centre has been providing the medical facilities to the students, research scholars, teaching-staff, non-teaching staff, class-IV, daily-wage, lump-sum, time-scale employees and their families including retired employees and their spouses.
- A Member-in-charge looks after the maintenance and administration of the Health Centre.
- Ambulance facility for 24 hours, ECG facility, Oxygen facility, Electro cattery, Suction apparatus, Auto analyzer, I.V. fluids, Pathological investigations, Anti-septic dressing, Free supply of medicines, Day care centre and Physiotherapy unit.



- University provides financial support of Rs.50,000/- to certain diseases like Heart and Kidney etc.
- The University encourages employees to go for medical health insurance by contributing an amount of Rs.900/- per employee.
- Daily about 100-120 out-patients take treatment in health centre. University provides medicines for chronic diseases like diabetic and hypertension, etc.
- Regular health camps are conducted in the Health Centre for students and employees as part of Medicare.

5.6 Alumni Associations

University Alumni Associations are involved in academic and welfare activities. Alumni Association of all the departments meets once in a year to discuss various issues pertaining to the academic as well as infrastructural development. Alumni can register their names through university website www.kakatiya.ac.in.

5.7 Sports Activities

The University encourages the students to participate in the Sports Competitions and Community services with a view to developing their overall personality and skills. University Sports Board conducts inter-collegiate, inter-zonal and inter-university, state and national level events.

The University has adequate facilities for sports and games with well maintained play grounds for Cricket, Hockey, Football, Kho Kho, Kabaddi, Handball, Basket ball and Indoor games complex, Chess, Table Tennis, Carroms and Shuttle Badminton.

The University introduced cash incentives of **Rs. 6,000** to the Gold Medal, **Rs. 4,000** for Silver Medal and **Rs. 2,000** for Bronze Medal and **Rs. 2,000** for Fourth Place winners of All India South Zone Inter Varsity Tournaments and **Rs. 5000** to the Coach/Manager. The University honours men/women students who secure prizes in various competitions conducted in Telangana or outside the state and pay suitable incentives to them. Incentives are given to the Gymnastics (Men and Women) and Weightlifting.

5.8 Extra-Curricular Activities

Many students of the University participated in various competitions organized by different institutions and won laurels in inter-university and national tournaments and sports meets and other competitions. Some of the achievements/programmes during the assessment period are:

- NSS volunteers represent the University in the Republic Parade on January 26th every year.
- Programming awards in MCA meet to MCA students of the University.
- Prathibha Scholarship for Pharmacy Students from Government of Telangana.
- **Awareness programme**
 - Organized Awareness programme on worship of clay Ganesha and distributed Ganesh idles free of cost.
 - Organized Anti Ragging awareness programmes at different colleges, educating volunteers and students.



- Observed Vigilance Awareness Week from 26th - 31st October, 2015 and conducted Elocution Competition for students.
- Organized Legal Literacy Campaign Programme during August 2015 involving ten thousand volunteers.
- Organized 23 awareness programmes on Drugs Abuse and Illicit Trafficking and about 2,560 people were benefited through this programme.

5.9 Participation in Extension/Community Service

The University through NSS unit undertakes extension activities and community service programmes giving the necessary exposure to the ground realities of the society.

➤ Special Camps

- One Week Special Camp on Plantation programme at KU Campus from July 16-22, 2013.
- Special Camps were conducted at **Medaram Jaathara (Mela)**, at Eeturi Naagaram, Warangal District, Telangana during the year 2012; 2014 and 2016. About 350 NSS volunteers and 20 NSS program officers rendered their services at each **Mela for 7 days**.
- Two volunteers participated in National Integration Camp on Capacity Building Programme on Social Entrepreneurship Programme organized by Rajiv Gandhi National Institute of Youth Development (RGNIYD) from November 11-17, 2013.
- Four volunteers and one female programme officer participated in National Level NSS Mega Camp - 13 organized by Tejpur Central University, Tejpur, (Assam) from December 13 - 24, 2013.
- About NSS 5000 volunteers have assisted the revenue officials in Godavari Pushkaralu from 14th to 25th July, 2015 in three districts.

VI GOVERNANCE AND LEADERSHIP

6.1 Administration

Kakatiya University administration takes the necessary measures to give priority to the courses which are relevant to the society; create good infrastructure; appoint competent and committed staff; create congenial atmosphere on the campus and motivate the students for making use of the resources/ opportunities and above all, to be transparent, impartial and accountable to the stakeholders. In order to achieve these objectives, the University provides autonomy to the faculties, departments and divisions/units. The following is the organizational pattern of the University:

1. Academic Senate
2. Planning and Monitoring Board
3. Executive Council
4. Finance Committee
5. Standing Committee
6. Faculty and Board of Studies
7. Departmental Committees
8. Heads of the departments



9. Various Units – Registrar’s Office, College Development Council; UGC Unit; Academic Audit Cell; NSS; University Colleges; Director of Admissions, Hostels, Examination branch, Library and Health Centre.

The Vice-Chancellor coordinates the activities of various wings/divisions/bodies and motivates the functionaries in achieving the goals of the University.

- The University gives autonomy to the faculties, departments in formulating new courses, restructuring the existing courses, revision of syllabus, organizing seminars/ conferences.
- The Vice-Chancellor extends all support and encouragement in implementing all academic activities.
- The Vice-Chancellor periodically organizes meetings of the academic bodies and has interface with them.
- The Vice-Chancellor provides academic direction and leadership to the affiliated colleges through its units, i.e. College Development Council; Academic Audit Cell, Academic Branch of University.
- The faculties and Boards of Studies maintain continuous rapport with the Constituent and Affiliated Colleges and provide academic leadership in curriculum design, teaching methods, material supply and other matters.
- The NSS Unit of the University organizes the extension and Community Services and involves the students of Constituent and Affiliated Colleges in these activities.
- The UGC Unit of the University coordinates the research projects and other academic activities of the teachers and acts as a liaison between the University and UGC, New Delhi. The UGC unit also coordinates the activities of Building division which undertakes the provision of infrastructural facilities.
- The Controller of Examinations conducts the examinations and declares the results at the earliest.
- The University appoints the senior teachers as the nominees of the University Governing Bodies of Colleges and ensures academic standards under its jurisdiction.
- The University also involves the elite, NGOs, stakeholders in its academic bodies like Academic Senate and maintains transparency and impartiality.
- The University evolves the rules, methods of application of rule and enforces the rules in all the Constituent and Affiliated Colleges in the matters relating to admission of the students, recruitment of employees and payment of emoluments.
- The University takes the directions of the Government of Telangana. UGC, New Delhi as guidelines for administering the University administration without foregoing its autonomy.

6.2 Managing Human Resources

In any organization, including the University recruitment and selection, developing skills of the employees, improving their performance and rewarding employees constitute the core components of the human resource management. Kakatiya University gives priority to managing human resources for ensuring economy and efficiency in the University administration. In this regard, the University undertakes the following measures:

- The University in the beginning of the academic year assesses the strength of the employees – both teaching and non-teaching staff and also the future requirements.



- University recruits the teaching staff on All India basis through advertisement in the leading national newspapers, as per the rules prescribed by the UGC, New Delhi; AICTE, New Delhi and Government of Telangana.
- Out of a sanctioned strength of **361** teachers, **175** on permanent basis and **82** on temporary basis are working.
- The University appointed 50 teaching faculty during the assessment period and taking initiative to fill the vacant posts at the earliest.
- The teachers are promoted under Career Advancement Scheme by strictly adopting the UGC guidelines.
- University imparts skills by organizing Refresher/Orientation Courses in the respective departments or deputing the teachers to such courses organized by other Universities / Institutions.
- The Academic bodies of the University and Vice-Chancellor assess the performance of the teachers through periodical evaluation and supervision and guide them to improve their performance.
- The University identifies the best teachers and recommends their names to the state government for awarding the State Best Teacher Award every year.
- The University also identifies the Best Teacher Researchers among the teachers and facilitates them on appropriate occasions.
- The Non-Teaching Staff is recruited through written test and promotion to service candidates is also based on written test. The employees are promoted depending on the vacancy positions.
- The University organizes training programmes to non-teaching staff to develop the skills and also through on-the-job training. The University periodically imparts training in computer awareness and its use in the day-to-day official work.
- The performance of the employees is constantly monitored by their heads of the divisions and guide and encourage them to improve their performance in discharging their duties.
- Obtaining the confidential reports of the employees and taking suitable measures to improve their performance.

- ✓ Selection on All India Basis
- ✓ Training Programmes to Non-Teaching Staff
- ✓ Promotions
- ✓ State Awards
- ✓ Confidential Reports
- ✓ Disciplinary Measures
- ✓ Retirement Benefits

6.3 Financial Management and Resource Mobilization

Finance is the life blood of the institutions. Recognizing this fact, the University generates/receives, regulates and distributes monetary resources needed for each division/department and works for its growth.

- The annual budget of the University is **Rs. 230.63 crore** for the financial year 2017-2018.
- The University receives grants from Government of Telangana towards salaries and infrastructural development.
- The University also receives plan and non-plan grants from the UGC and other national organizations like MHRD, CSIR for carrying out research projects,



- conducting Seminars/workshops purchase of equipment/books and other infrastructure.
- The University procures its resources through self-financing courses and collection of fees from students and also affiliation charges from colleges.
- The University strengthens its resources through public contributions from NRIs and Alumni Associations.
- The University Budget estimates are to be approved by the Finance Committee; Executive Council and Senate, which consists of the members from different walks of life.
- The Finance Officer is responsible to regulate and exercise control over the budget allocation and expenditure of all the wings of the department.
- The Auditors of Local Fund and Accountant General audit the accounts of the University.

- ✓ Government Grants
- ✓ Grants from National bodies
- ✓ Self Finance
- ✓ Fees
- ✓ Affiliation Charges
- ✓ Public Contributions
- ✓ Management
- ✓ Finance Committee
- ✓ Senate
- ✓ Finance Officer
- ✓ Audit Officer, Local Fund
- ✓ AG Auditor

VII INNOVATIVE PRACTICES

The University over the years has been attaining excellence in its academic research and administrative activities by adopting innovative and healthy practices.

7.1 Internal Quality

The University ensures quality in academic, research and administrative wings through the following administrative mechanism:

- Academic Senate
- Academic Standing Committee
- Academic Audit Cell
- Deans of Faculties
- Boards of Studies
- Departmental Committees
- Departmental Research Committees
- UGC Unit
- College Development Council
- Advisory Committees of various Wings/Units
- Internal Quality Assurance Cell
- Media Production Centre
- Distance Education Quality Support and Training Institute



- Teaching and Non-Teaching Associations
- Student Advisory Council/Ward System
- Lady Counsellors
- Faculty Club
- Committees for maintaining Internal Quality in Teaching and Research

- ✓ Internal Quality Assurance Cell
- ✓ Senate and Standing Committee
- ✓ Departmental Research Committee and Departmental Committee
- ✓ Teacher – Parent Association
- ✓ Students Advisory Council

7.2 Quality Assurance in Affiliated Colleges

The University strives to ensure accessibility, equity and quality education to the students through its College Development Council and Academic Audit Cell.

- The Academic Audit Cell regulates the admission, curriculum coverage, teaching methods, recruitment of teaching faculty and other matters relating to welfare of the students of all the affiliated colleges under its jurisdiction.
- The College Development Council continuously guides and monitors the matters relating to the infrastructure, financial resources, audit reports, composition of the society/management, corpus fund, introduction of courses, appointment of teaching faculty and Principal, etc. and grant of temporary or permanent affiliation to the colleges.
- The University organizes the Departmental Conferences of each Department twice a year in which the teachers of the respective departments of the affiliated colleges interact with the University faculty and discuss academic schedule, examination pattern, performance of the students in the examinations and other matters relating to the College Development. This exercise has proved effective not only in helping the affiliated colleges to enhance their quality in the academic matters, but also in establishing close rapport with the University departments.
- The University always strives to inculcate the values of work culture, respect towards others, and participation in national development through extension activities and enhance the quality of the products/students. The NSS unit and the Departments organize several extension activities to expose the students to the ground realities of the society and motivate them to participate in the national development.

- ✓ Academic Senate
- ✓ Board of Studies
- ✓ Academic Audit Cell
- ✓ College Development Council
- ✓ Departmental Conferences

7.3 Innovative and Healthy Practices

- Democratic decentralization of University administration
- Transparency in governance
- Establishment of Right to Information Act Cell



- Involving stakeholders in the University governance
- Priority to inclusive growth by serving the cause of socially backward groups
- Academic guidance to constituent and affiliated colleges for quality assurance
- Introduction of new job oriented, socially relevant academic programmes
- Interdisciplinary thrust to the academic activities
- Interface with industry, NGOs, other national bodies for updation of curriculum
- Establishment of separate centres for creating social awareness
- New methods of teaching using ICT
- Student-Centred learning
- Wi-Fi facility
- Online Admission Process
- Dial your university programme
- Interaction through Skype
- ICT Enabled teaching
- Video Recording of Student Seminars
- Village adoption by NSS Units
- Entrance for M.Phil. & Ph.D. Admission
- University Website, Campus networking and e-learning
- Imparting Communication Skills and Personality Development
- Campus Placements for the students
- CBCS with internal assessment
- Performance appraisal of the teachers
- Student feedback on faculty
- Reforms in examination for transparency
- Automation of Examination Branch
- Faculty development programmes
- Encouraging collaborative research programmes
- Organizing seminars/workshops and endowment lectures to keep abreast of latest developments
- Encouraging the student participation in sports/extra-curricular activities
- Publication of 6 research journals by the University
- Best Teacher/Research awards
- Priority to practicals/field work/moot courts/project work/tutorials/weekend seminars
- Involvement of students and faculty in community development services
- Publication of the bi-annual University Newsletter (Vivechana) highlighting the academic and extracurricular activities
- Award of Degree of Doctor of Letters (Honoris Causa) to the distinguished personalities
- Establishment of Mineral Water plant and Common Mess
- Remedial classes for slow learners
- Coaching for Competitive Examinations
- Reaching the unreached through distance mode of education
- Alumni Associations
- Providing financial assistance to faculty for presentation of their MRPs
- Installation of CCTV in the important offices



SWOC ANALYSIS

Kakatiya University was established about 40 years ago and over the years it established new academic centres, collaborations with national and international organizations, introduced socially relevant courses and improved its performance in teaching, learning, research and extension activities. University is marching towards excellence with its own strengths, opportunities and challenges by trying to overcome its weaknesses. It analyzes its performance based on student feedback, self-appraisal of faculty, departmental annual reports, rankings, scientific database, NAAC peer team reports and reports of other apex bodies. University has been drawing motivation from all its stakeholders and making SWOC analysis and is leaving no stone unturned to achieve academic excellence.

Strengths

- Eight Faculties, Multi-Campus (Seven Locations) with 24 Departments
- Eighteen Constituent Colleges with 529 affiliated colleges
- Four Autonomous colleges
- 12 UGC SAP Departments
- Eight DST-FIST Departments
- 2 DST Inspire Departments
- 16 MoUs signed for Academic and Research collaborations with Industry Science and Technology organizations
- 98 per cent of the teachers hold Ph.D. degrees
- Transparent admission policy
- Entrance for Ph.D Admission
- Continuous Re-structuring of Curricula for all the courses
- Inter-disciplinary programmes
- Choice Based Credit System for all PG & UG programmes
- Five Year Integrated Courses in Chemistry and Biotechnology
- Strict adherence to academic schedule
- Continuous evaluation system
- Strengthening of Ph.D. thesis assessment
- Research Programmes in all departments
- 133 Research Projects worth Rs.10.00 crores
- Consultancy and Extension activities
- Linkages for Research Collaborations with national and international organizations
- E-Governance
- Automation of Examination Branch
- Performance Evaluation through Self-Appraisal and Student Feedback
- Bio-Informatic Infrastructural facility sponsored by Department of Biotechnology
- Solar Power Plants
- Departments of Botany and Biotechnology are recognized by DST, Ministry of Science and Technology, Government of India under RTFDCS (Research Training Fellowship for Developing Countries Scientist).
- The Department of Biotechnology is recognized by the Government of Iran as a Research Centre
- Automation of University Central Library
- Well equipped laboratories with sophisticated equipment
- 1 Gbps bandwidth provided by the National Knowledge Network by NIC



- About 1000 Computers with access to Faculty, Staff, Research Scholars and Students
- Central Computer centre
- Well established canteen
- Photocopying facility
- Water harvesting pits and check dams

Weaknesses

- Inadequate budget provision for maintenance of laboratory equipment
- Inadequate permanent teaching staff
- Continuous retirement of teachers
- No replacement for retired teachers
- Inadequate hostel facilities
- Insufficient block-grant
- Lack of motivation for open and self-learning
- Inadequate resources for creation of new infrastructural facilities
- Inadequate resources for maintenance of buildings, etc.
- Absence of special leave benefits to teachers to pursue higher studies in research
- Lack of access to new technologies to design inter-disciplinary programmes
- Under utilization of services of Alumni
- Consultancy

Opportunities

- Vast campus with ample scope for expansion
- Strong background for theoretical, experimental and applied research
- Designing new courses exploiting the resources available in the region
- Energetic academic environment
- Ample scope for establishing academic and research linkages with national and international organizations
- Resource mobilization through MP & MLA funds
- Resource mobilization by establishing university-industry linkages
- Research expansion through UGC programmes

Challenges

- Recruitment of regular faculty
- Global competition
- Enormous number of affiliated colleges
- Optimum utilization of well-qualified faculty
- Providing hostel accommodation to the students
- Replacement of experienced retired faculty
- Improvement of research consultancy avenues

7.4 Future Plans

The University has well defined future plans.

- Establishment of a cultural museum showcasing the rich cultural heritage of Kakatiya dynasty and the state of Telangana
- Incubation Centre
- Human Resource Development Centre
- Digital Library



- On-line Examination Centre with 500 systems
- Department of Fine Arts
- A platform to inculcate Human Values among students
- Student club for conducting debates and discussions on current affairs
- Establishment of Botanical garden
- Herbal garden
- Full automation and paperless administration

7.5 Summing Up

To sum up, the University, during the period of assessment, has been striving in a distinct way for generation and dissemination of knowledge to the society in general and socially backward groups in particular to fulfill its obligations to the society. It is marching towards academic excellence in teaching, research and extension activities and providing access, equity and quality education to the people of this region. The University has introduced new job-oriented courses. It has been updating the curricula of different programmes and making use of ICT to meet the global challenges. It has well-qualified teaching faculty and necessary infrastructure. The teachers have published papers in national and international journals and undertaken a number of research projects in collaboration with national and international institutions. The departments are striving for elevating themselves as centres of excellence. The students brought laurels to the University by winning prizes/awards at the national events of sports and cultural activities. The teachers and students actively participated in the community service and contributed to the national integration. Hundreds of students have secured placement in national and international organizations.

The University believes in transparency, efficiency and assurance of safety net to its employees. It launched a number of innovative and healthy practices from time to time for conducive academic environment to achieve academic excellence. Thus the University has been contributing its might to the development of the region and the nation through its multifaceted activities.



Profile of the University

1. Name and address of the university : **KAKATIYA UNIVERSITY**
VIDYARANYAPURI
WARANGAL

2. For communication:

Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice-Chancellor	Prof. R. Sayanna	O:08702439966	9849058502	08702439600	vc@kakatiya.ac.in
Registrar	Prof. M. V. Ranga Rao	O:08702438866 R:08702457789	9849171737	08702438800	registrar@kakatiya.ac.in
IQAC Director	Prof. P Krishnama Chary	O:08702439181	9989695016	08702438800	iqacku@kakatiya.ac.in

3. Status of the University : **State University**

4. Type of University : **Affiliating**

5. Source of Funding : **State**

6 a) Date of establishment of the university : **19/08/1976**

b) Prior to the establishment of the university,
 was it a/an :

i) PG Centre : ☒

ii) Affiliated College : ☐

iii) Constituent College : ☐

iv) Autonomous College : ☐

7. Date of UGC recognition as University:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i. 2f	07-1978	
ii. 12 (B)	07-1978	
iii. 3 of UGC Act		
iv. Any other (specify)		

8. Has the university been recognized

a. by UGC as a University with Potential for excellence

Yes ☐

No ☒

If yes, date of recognition: (dd/mm/yyyy)



b. For its performance by any other governmental agency?

Yes ☒ No ☐

If yes, name of the agency: Date of recognition.....(dd/mm/yyyy)

a) DBT Department of Biotechnology

b) TEQUIP MHRD

9. Does the University have off-campus centres?

Yes ☒ No ☐

Sl. No	Name of the off-campus Centres	Year of Establishment
1.	University Arts & Science College, Subedari, Hanamkonda (Autonomous)	1927
2.	University P.G. College, Subedari, Hanamkonda	1990
3.	University College of Law, Subedari, Hanamkonda	1971
4.	University P.G. College, Khammam	1988
5.	University College of Engineering, Kothagudem	1976
6.	University P.G. College, Nirmal	1991
7.	University P.G. College for Women, Subedari, Hanamkonda	2012
8.	University P.G. College, Bhupalpally	2013
9.	University P.G. College, Mahabubabad	2013
10.	University P.G. College, Jangaon	2013

10. Does the University have off-shore campuses?

Yes ☐ No ☒

11. Location of the campus area :

i. Main campus area	640 Acres	Kakatiya University, Vidharanyapuri, Hanamkonda, Warangal-506 009.	Urban area
ii. Satellite campus II area	30.25 Acres	Univ. Arts & Science College, Subedari, Hanamkonda, Warangal-506 001.	Urban area (Autonomous)
iii. Satellite campus areas	490.16 Acres	University College of Engineering, Kothagudem, Khammam District – 507 101.	Rural area
Total	1160.41 Acres		



12. Provide information on the following: In case of multi-campus University, please provide campus-wise information.

i) Auditorium/Seminar Hall/ Sports Facilities:

Sl. No.	Particulars	Seating Capacity
	A/C Auditorium	1200 seats
	A/C Senate Hall	400 seats
	A/C Basavi Reddy Hall	300 seats
	A/C Venkatramaih Hall	300 seats
	A/C Seminar Halls (14)	100 seats each
	Playground available	Total Play Area 100 Acres

ii) Courts available:

- a. One Indoor Stadium with 3 Badminton courts and 2 Table Tennis courts
- b. One Gymnasium Hall
- c. 400 Mtrs. Standard Track
- d. 600 Mtrs. Walking Track
- e. Two Kho-Kho courts
- f. Two Kabaddi courts
- g. Three Handball courts
- h. Six Cricket Pitches
- i. Three Volley Ball courts
- j. One Basket Ball court
- k. One Ball Badminton court
- l. One Hockey play field
- m. One Football play field.
- iii. Swimming Pool : Not available
- iv. Gymnasium : Not available
- v. Any other (specify) : **Sports Hostel with 100 beds**
- vi. Hostels (Boys & Girls):

Sl. No.	Particulars	No. of inmates	Facilities
1.	Boys Hostels – 12 (9 on Campus, 3 outside Campus)	1615	Basic amenities like kitchen, dining hall, Water, reading room, TV, daily newspapers, internet and Computer with Internet Connectivity.
2.	Girls Hostels - 5	1130	Basic amenities like kitchen, dining hall, Water, reading room, TV, daily newspapers, internet and Computer with Internet Connectivity.
3.	Working Women's Hostel - 1	450	Basic amenities like kitchen, dining hall, Water, reading room, TV, daily newspapers, internet and Computer with Internet Connectivity.



- vii. Residential facility for faculty and non-teaching : **Yes**
There are about 30 staff quarters for both teaching and non-teaching staff.
- viii. Cafeteria : **Available**
- ix) Health Centre : **Available**
(inpatient, outpatient, ambulance, emergency medicare facility etc)
- x) Post Office, Book Shops, Banks with two extension counters, Post Office and SBH ATM are located on the campus. Xerox facility is available in the University Library.
- xi) Facilities for persons with disabilities-Ramps in all departments, fee concessions, reduction in pass percentage, reservation in admissions, etc.
- xii) Animal House : **Available**
- xiii) Incinerators for laboratories : **Available**
- xiv) Power House : **Available**
(Solar in Administration Building, Examination Branch)

13. Number of institutions affiliated to the University?

Type of Colleges	Total*	Permanent Affiliated	Temporary
Arts, Science & Commerce	395	07	388
Law	03	01	02
Engineering	08	01	07
Education	53	03	50
Management	38	18	20
MCA	8	4	4
Pharmacy	24	1	23
Total	529	35	494

14. Does the University Act provide to grant autonomous status to its affiliated institutions?

Yes ☒ No ☐

15. Furnish the following information :

Particular	Number	No. of Students
a. University Departments	24	4,900
b. Constituent colleges	18	18,000
c. Affiliated Colleges – Govt. funded	47	58,500
d. UGC recognized CPE (Colleges with Potential for Excellence)	01	3,800
e. Autonomous Colleges (UASC, CDC, KITS, SRBGNR)	04	7,500



f. Post- Graduate Teaching Centres in colleges		26,000
g. Recognized Research Institutes/ Centres and students in M. Phil./ Ph. D.	08	500
h. Self- financing Colleges	423	2,23,000

16. Current number of academic programs / courses offered within the University:

84

Sl No	UG Courses
1	B.Pharmacy
2	B.Tech. (Civil)
3	B.Tech. (Mech)
4	B.Tech. (ELN)
5	B.Tech. (CSC)
6	B.Tech. (EEE)
7	B.Tech.(IT)
8	B.Ed.
9	B.P. Ed.
	PG Courses
1	M.A. Economics
2	M.A. English
3	M.A. History
4	M.A Public Admn.
5	M.A Political Science
6	M.A .Telugu
7	M.LI.Sc.
8	M.Com.
9	M.Com. Computer Applications
10	Master of Human Resource Mgt.
11	Master of Tourism Management
12	M.Sc. Applied Mathematics
13	M.Sc. Bio Chemistry
14	M.Sc. Botany
15	M.Sc. Bio Technology
16	M.Sc. Chemistry
17	M.Sc. Computer Science
18	M.Sc. Mathematics
19	M.Sc. Micro-Biology
20	M.Sc. Physics
21	M.Sc. Psychology
22	M.Sc. Geology
23	M.Sc. Statistics
24	M.Sc. Zoology
25	M.A. (Gender Studies)
26	M.Sc. Computer Science

27	M.C.J.
28	M. Pharmacy
29	M.Tech (CSC)
30	M.Tech (Digital & Comm.)
31	M.P.Ed.
32	M.B.A.
33	M.C.A.
34	M.Ed.
35	PG Diploma in Sericulture
	5 Year Integrated Courses
1	M. Sc (Biotechnology)
2	M.Sc (Chemistry)
	M.Phil. Courses
1	Economics
2	English
3	History
4	Public Administration
5	Political Science
6	Telugu
7	Commerce
8	Human Resource Mgt.
9	Tourism Management
10	Education
	Doctoral Programs
1	Economics
2	English
3	History
4	Public Administration
5	Political Science
6	Telugu
7	Commerce & Bus. Mgmt
8	Human Resource Mgt.
9	Tourism Management
10	Mathematics
11	Chemistry
12	Botany
13	Bio Technology
14	Computer Science
15	Pharmacy



16	Education
17	Physical Education
18	Micro-Biology
19	Physics
20	Psychology
21	Geology
22	Statistics

23	Zoology
24	Engineering & Tech.
25	Library & Information Science
26	Hindi
27	Sociology
28	Law

17. Under the following categories :

Programmes offered in Campus

Course	Number
UG	09
PG	34
PG Diploma	01
M.Phil.	10
Ph.D.	28
5 Year Integrated Course	02

18. Number of working days during the last academic year 2016-2017:

280

19. Number of teaching days during the past four academic years (2012-2017)

Sl. No.	Academic Year	Number of Teaching Days
1.	2012-2013	185
2.	2013-2014	183
3.	2014-2015	185
4.	2015-2016	184

20. Does the University have a Department of Teacher Education?

Yes

☒

No

☐

If yes,

a) Year of establishment : **1984**

b) NCTE recognition details (if applicable) :

Notification No. F.AP/SRO/NCTE/2004-05/9394, dr. 15-12-04.

Is the Department opting for assessment and accreditation separately?

Yes

☐

No

☒

21. Does the University have a teaching Department of Physical Education?

Yes

☒

No

☐



If yes

- a) Year of establishment : **2011-2012**
 b) NCTE recognition No. SRO/NCTE/RD/2016/79511, dt. 12-01-2016

22. In the case of Private and Deemed Universities, please indicate whether professional programmes are being offered?

Not Applicable

23. Has the University been reviewed by any regularity authority? If so, furnish a copy of the report and action taken there upon?

Yes.

By UGC, AICTE, DEC, BCI, NCTE

24. Number of positions in the University :

Positions	Teaching faculty			Non-teaching staff	Technical staff
	Professor	Associate Professor	Assistant Professor		
Sanctioned by the UGC/University/State Government	54	95	242	395	109
Recruited	01+67(CAS)	02+02(CAS)	103	342	90
Yet to recruit	53	93	139	53	19
Number of persons working on contract basis	-	-	82	52	12

25. Qualifications of the teaching staff :

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
P.h.D.	63	05	04	-	58	41	171
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	02	02	04

Temporary teachers/Contractual Teachers : 82



26. Emeritus, Adjunct and Visiting Professors :

Sl. No.	Position	Number
1.	Emeritus	16
2.	Adjunct	02
3.	Visiting	05

27. Chairs instituted by the University :

Nil

28. Furnish the data on the number of students enrolled in the University during the current year, with following details:

Type of student	UG		PG		Total
	Profession- ional	Non- profession- ional	Profession- ional	Non-/ profession- ional	
Students from the same State where the university is located	3420	-	205	2460	6085
Students from other States of India	-	-	06	-	06
NRI students	-	-	18	-	18
Foreign students	-	-	-	155	155
Grand Total	3420	-	229	2615	6264

M.Phil. and Ph.D. Students

Number of Students	M. Phil.	Ph .D	Diploma/ Certificate
From the same state where the University is located	96	309	111
From other states	-	-	-
NRI students	-	-	-
Overseas students	-	32	-

29. 'Unit cost' of education?

a. Unit cost = total annual expenditure budget (actuals) divided by the number of students enrolled.

Rs. 1,33,252

b. Unit cost calculated excluding the salary component

Rs. 3,400

30. Academic Staff College :

Yes ☐ No ☒



31. Does the University offer a Distance Education Programme (DEP)?

Yes

If yes, indicate the number of courses offered : **49**

Number of full-time faculty employed in the DEP : **14**

32. Does the University has a provision for external registration of students?

Yes ☐ No ☒

33. Is the University applying for Accreditation or Re-assessment? If Accreditation, name of the cycle.

Accreditation ; Third Cycle

☐ Cycle 1
 ☐ Cycle 2
 ☒ Cycle 3
 ☐ Cycle 4

34. Date of Accreditation *(Applicable for Cycle2, Cycle3, Cycle4 and Re-Assessment only)

* **Cycle 1** : **21-03-2003** : **B+ (Score : 75.10)**
 * **Cycle 2** : **15-06-2009** : **A Grade (CGPA : 3.02)**

*Kindly enclose copy of accreditation certificate(s) and peer team report(s)

35. Does the University provide the list of accredited institutions under its jurisdiction in its website? Provide details of the number of accredited affiliated/ constituent/ autonomous colleges under the University :

Yes

College	NAAC accreditation
Constituent	01
Affiliated	
a) Autonomous	02
b) Non autonomous	11

List of NAAC accredited colleges in the jurisdiction of Kakatiya University, Warangal:

1. University Arts & Science College, Subedari, Warangal-506001. (Autonomous)
2. Chaitanya Degree & PG College (Autonomous), Kishanpura, Hanamkonda, Warangal-506001.
3. Kakatiya Government College, Hanamkonda.
4. Lal Bahadur College, Warangal.
5. Pingle Government College (UG & PG) for Women, Hanamkonda.
6. A.B.V. Government Degree College, Jangaon, Warangal District.
7. SR & BGNR Government Arts & Science College, Khammam (Autonomous)
8. Government Degree College for Women, Khammam.
9. SR Government Arts & Science College, Kothagudem, Khammam.



10. Government Degree College, Nirmal Town, Adilabad District.
 11. Government Degree College, Mulugu
 12. Government Degree College, Narsampet
 13. Government Degree College, Mancherial
 14. Government Degree College, Mahabubabad
36. Date of establishment of Internal Quality Assurance cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).

Date of Establishment of IQAC	:	2004
Date of Submission of AQARs	:	
i)	2010-2011 submitted on	02-04-2014
ii)	2011-2012 submitted on	07-04-2014
iii)	2012-2013 submitted on	25-06-2014
iv)	2013-2014 submitted on	13-09-2014
v)	2014-2015 submitted on	21-03-2017
vi)	2015-2016 submitted on	21-03-2017

37. Any other general data the University would like to include :

- Kakatiya University has 529 affiliating colleges.
- The university has been ranked 38 by India Today – Neilson Survey
- Sanction of DBT Builder Programme for the Department of Life Sciences.
- UGC – DRS – SAP status for 12 departments during assessment period.
- DST – FIST Programme for 8 departments.

TEQIP status to University College of Engineering, Kothagudem



CRITERION – I : CURRICULAR ASPECTS

1.1 Curriculum Design and Development

1.1.1 How is the institutional vision and mission reflected in the academic programmes of the University?

- Kakatiya University aims to be one of the centers of excellence in higher education in the country ensuring quality, access, equity and values. The mission of the University is to acquire commanding heights in the field of innovation, knowledge-dissemination, cutting-edge research, competency building and extension activities with holistic approach for societal needs.
- It plans to achieve excellence in teaching by updating the curricula periodically to achieve global standards, research through collaboration with premier institutes, extension activities and lectures.
- The University is striving constantly to achieve vision and mission through monitoring the standards in teaching, learning, research and extension activities by involving all the stakeholders to enhance the employment potential and skills of students.
- The University promotes peace and harmony in the society by inculcating competitive spirit and human values among the students.
- It plans to contribute in a distinct way for the service of the weaker sections in socially, economically and educationally developing region of the State.
- It undertakes curricular, co-curricular and extracurricular activities.
- University conducts SWOT analysis at regular intervals for introspection which leads to perfection.
- It involves all the stakeholders like students, teachers, non-teaching staff, administration, industry, government and society for meeting the requirements.
- There are twelve endowment and memorial lectures instituted to empower the students with knowledge and information.
- Admission to the regular mode of learning is only through the Entrance Test.
- Constant encouragement of the teacher and the taught to maintain the academic discipline in the enhancement of quality.
- This is achieved through the strict adherence to almanac, conduct of examination and publication of results.
- This helps the students to seek for admission into institutes of higher learning, employment and to appear for competitive examinations on time.
- The University involves all the students in NSS activities and village adoption as part of outreach activities.
- Kakatiya University not only offers conventional face-to-face learning but also learning through distance mode from its window called School of Distance Learning and Continuing Education to reach the remote corners of the rural society.
- It also extends the facility of movement from the regular mode to the distance mode for the needy students.



- Admission into the research programmes is only through the entrance examinations as per the latest UGC guidelines.
- In the period of assessment these programmes were more systematized and strengthened in terms of pre-design and pre-submission seminars by all the research scholars along with the condition of mandatory publication of at least one paper in peer reviewed national or international journal.
- The research output in the period of assessment has considerably increased in terms of research publications, books and academic foreign visits by the faculty, research projects and the number of Ph.D degrees awarded.
- In addition to the above information, it is worthwhile to mention that the extension activities conducted by the Sports Board, Centre for Women Studies, Career and Guidance Cell, SC/ST Cell, CELT and CFRAC are noteworthy to expose the students to academic weather, skills in English, soft skills, physical and mental rejuvenation and social concern.
- Girl students are on equal footing in almost all the courses.
- To keep pace with the global development, University is taking all steps to make the campus ICT enabled.

University has undertaken all the above activities to march forward in the direction of Excellence, Inclusion and Expansion that meet the requirement of the vision and mission of the University.

1.1.2. Does the university follow a systematic process in the design and development of the curriculum? If yes, give details of the process (need assessment, feedback, etc.).

Yes

- The University follows a systematic approach in the design and development of the curriculum keeping focus on the teaching, learning and research.
- Draft curriculum is prepared by the faculty in the department by forming paper-wise sub-groups with the members of the faculty with experience of teaching the paper or with the specialization of related field.
- This exercise is done by referring to the UGC model curriculum and the curriculum in vogue in other universities within the state and outside the state.
- The same is discussed in the faculty meeting threadbare. Later the refined document will be placed before the statutory body called Board of Studies that includes two external experts, one member from industry.
- In this meeting the relevance, application, teaching methodology, sequence and employability are thoroughly discussed.
- Once the curriculum is approved with modifications recommended, the same recommendations are incorporated and circulated among the members for final approval.
- The approved curriculum is then forwarded to the higher bodies for ratification and the curriculum is implemented.
- In this manner, there are rigorous quality checks and control overall academic matters.



- Each department ensures that the curriculum is embedded with measures to induce the overall development of students.
- After one year, the same curriculum is discussed in the faculty meeting on the basis of the feedback received from the teachers of all the colleges in a departmental conference wherein the deliberations go on for full day in two sessions.
- The feedback is on the issues like the level of the curriculum, difficulties in teaching, availability of the literature/study material/books and the length of the curriculum with regard to the compatibility of the number of classes allotted for the semester etc.
- The relevance of discussions in the departmental conference and its recommendations will again be discussed in the Board of Studies.
- If necessary the relevant modifications are made and as per the procedures of the University the curriculum is finally refined and final draft ratified by the academic senate.
- In addition, the opinion and feedback is collected and recorded from the experts and examiners visiting the department on various occasions for further refinements.
- The feedback is also collected from the students for consolidation.
- The curriculum is revised for every three years by considering the above said feedback.
- In case of the subjects like Pharmacy, Engineering, Chemistry, Bio-Technology, Commerce and Business Management etc., with demand in employment market like Industry, Administrative, Management etc., the copy of curriculum is sent to the stakeholders for their feedback.
- Need assessment is done through interaction with students, society, industry and other stakeholders of the University.

1.1.3 How are the following aspects ensured through curriculum design and development? (Employability, Innovation and Research)

- The University modifies the existing courses and introduces new courses in tune with the changing labour market, industry, societal needs and requirements to carry out research in emerging and new areas.
- The University has taken special efforts during the last six years to restructure the postgraduate programmes to make them more specialized, relevant and job oriented.
- The University encourages affiliated colleges to apply for UGC add on/vocational programmes and also for autonomous status so that the respective colleges can design their own curriculum suited to the local needs and demands.
- Members from the industry and organizations are inducted in the Board of Studies of each subject and their inputs are incorporated into the curriculum design.
- Feedback of the alumni and employers are also taken into consideration while designing the syllabus.



- Employability is given the major attention in designing and developing the curriculum.
- The curriculum development emphasizes application/practical orientation in addition to soft skill development and communication skills.
- In view of employability, the design and development process ensures need based curriculum. Internships in industries in the case of professional courses, use of laboratories and libraries for better exposure and experience are mandatory.
- Innovation is encouraged by the University through curriculum upgradation and introduction of new courses so that the fruits of innovations can be transferred to the society.
- The courses like M.Sc. and Ph.D in Biotechnology, Microbiology and Geology have good demand in the job market and majority of the students are absorbed through campus selections.
- Students from Biotechnology department are absorbed in pharmaceutical industries/Biotech companies/research laboratories etc.
- Management students are also absorbed in a number of establishments in the corporate sector.
- The results of the research in the Botany and Biotechnology departments have been recently transferred to the society.
- The faculty from the Pharmacy of Kakatiya University continuously adopts a few villages as samples for their research.

1.1.4. To what extent does the university use the guidelines of the regulatory bodies for developing and/or restructuring the curricula? Has the university been instrumental in leading any curricular reform which has created a national impact?

- The UGC model curriculum is used as basis for many of the programmes in liberal arts and science courses.
- The curriculum also adheres to requirements of funding agencies like UGC, DST, DBT, CSIR, etc. and prepares students to take up UPSC, UGC-NET, G-PAT and SLET examinations.
- Creativity and Innovations offered as a subject in MBA and has been appreciated by personalities like SubramanyaSwamy when he delivered an endowment lecture in University.
- This subject is now followed by other Universities in the country.

1.1.5 Does the university interact with industry, research bodies and the civil society in the curriculum revision process? If so, how has the university benefitted through interactions with the stakeholders?

Yes

- The nomination of representatives one each from industry and civil society into the Board of Studies ensures that the component of the application of the scientific and technological developments with social relevancies included in the syllabus.



- Mainly in the Commerce and Business Management and other social science subjects, the presence of a suitable representative takes care of the aspect of incorporation of the social issues into the syllabus.
- The nomination of the representatives from the institutes with international recognition and scientific laboratories enrich the syllabus with recent scientific issues of relevance.
- Interactions during conferences, workshops, seminars and symposia also help in the preparation of revised curriculum.
- The department of Commerce and Business Management conducted a National Seminar in association with ICWA and CA on Companies Act, 2015.
- In this conference, the faculty and students interacted with Chartered Accountants and Industrialists on the latest trends in corporate management which helps in revision and modification of curriculum.

1.1.6. Give details of how the university facilitates the introduction of new programmes of studies in its affiliated colleges.

- Whenever an affiliated college proposes to start a new programme of study the university will constitute an expert committee with Chairman, Board of Studies of the department concerned as convener and Dean as the Chairman to look into the feasibility and viability of the proposed programme.
- After thorough deliberations the university will accord the required approvals for the starting of the new programmes in the affiliated colleges.
- The governing body members nominated by the University facilitate the affiliated colleges in starting new programmes.
- The new programmes started during the period of accreditation (2009-16) are:
 - B.Tech (Civil & IT),
 - Ph.D. programme in Biotechnology,
 - Nano science as third specialization in M.Sc.(Physics),
 - Master in Communication and Journalism (MCJ),
 - M.A.(Gender Studies),
 - Master of Social Work,
 - B.Sc.(Voc) courses in IT, Travel and Tourism,
 - B.P.Ed. and
 - M.Tech in Digital Communication.
 - B.H.M. (Bachelor of Hotel Management)

1.1.7. Does the university encourage its colleges to provide additional skill oriented programmes relevant to regional needs? Cite instances (not applicable for unitary universities):

Yes

- The university provides autonomy in designing new courses, especially skill oriented programmes.
- Jawahar Knowledge Centres (JKC) in affiliated colleges conduct training programmes for the students to impart additional skills required for employment.



- Some of the affiliated colleges entered MoU with Telangana Academy for Skill and Knowledge (TASK) to impart skill oriented training for students as per the needs of the society. The courses introduced are:

- P.G. Diploma in Guidance and Counseling,
- Certificate Courses in Web Design, Beautician, Tally, Net Programming, Drawing and DTP,
- Diploma Courses in Mimicry, Drawing, Communication Skills and in English
- Advanced Diploma in Computer Applications
- P.G. Courses in Master of Social Work (MSW) and Master of Education (M.Ed.).

1.2. Academic Flexibility

1.2.1. Furnish the inventory for the following:

- Programs taught on the campus

Degree, PG, M.Phil, Ph.D and Diploma programs offered in the campus

UG (Professional)	:	09	M.Phil.	:	10
PG	:	35	Integrated Courses	:	02
Ph.D.	:	28	Total	:	84

Table 1.1

Number of academic programs /courses offered within the Campus: 84

Sl. No	UG Courses
1	B.Pharmacy
2	B.Tech. (Civil)
3	B.Tech. (Mech)
4	B.Tech. (ELN)
5	B.Tech. (CSC)
6	B.Tech. (EEE)
7	B.Tech.(IT)
8	B.Ed.
9	B.P. Ed.
	PG Courses (CBCS)
1	M.A. Economics
2	M.A. English
3	M.A. History
4	M.A Public Admn.
5	M.A Political Science
6	M.A .Telugu
7	M.LI.Sc.
8	M.Com.
9	M.Com. Computer Applications
10	Master of Human Resource Mgt.
11	Master of Tourism Management
12	M.Sc. Applied Mathematics
13	M.Sc. Bio Chemistry
14	M.Sc. Botany
15	M.Sc.Bio Technology
16	M.Sc.Chemistry
17	M.Sc. Computer Science

18	M.Sc. Mathematics
19	M.Sc. Micro-Biology
20	M.Sc. Physics
21	M.Sc. Psychology
22	M.Sc. Geology
23	M.Sc. Statistics
24	M.Sc. Zoology
25	M.A. (Gender Studies)
26	M.Sc. Computer Science
27	M.C.J.
28	M. Pharmacy
29	M.Tech (CSC)
30	M.Tech (Digital & Comm.)
31	M.P.Ed.
32	M.B.A.
33	M.C.A.
34	M.Ed.
35	PG Diploma in Sericulture
	5 Year Integrated Courses
1	M. Sc (Biotechnology)
2	M.Sc (Chemistry)
	M.Phil. Courses
1	Economics
2	English
3	History
4	Public Administration
5	Political Science
6	Telugu
7	Commerce



8	Human Resource Mgt.
9	Tourism Management
10	Education
	Doctoral Programs
1	Economics
2	English
3	History
4	Public Administration
5	Political Science
6	Telugu
7	Commerce & Bus. Mgmt
8	Human Resource Mgt.
9	Tourism Management
10	Mathematics
11	Chemistry
12	Botany

13	Bio Technology
14	Computer Science
15	Pharmacy
16	Education
17	Physical Education
18	Micro-Biology
19	Physics
20	Psychology
21	Geology
22	Statistics
23	Zoology
24	Engineering & Tech.
25	Library & Information Science
26	Hindi
27	Sociology
28	Law

- Overseas programs offered on the campus

Nil

- The following programs are offered for the colleges:

B.A. - Regular with 52 combinations, Languages, Vocational, Journalism & Mass Communications, Computer Applications, Tourism & Travel Management, Human Resource Management, Rural Industry, Sociology, Advertise & Sales Management.

B.Com. - Regular, Computer Applications, Taxation, Accountancy, Tax Procedures & Practices.

B.Sc. - Regular with 31 Biological Science Combinations, Food Science & Quality Control, Industrial Microbiology, Genetics, Fishery Biology, Medical Lab Technology, Poultry Science.

B.Sc. - Regular with 11 Mathematical Combinations, Electronics, Industrial Chemistry, Geology, Statistics, Vocational.

B.Tech. - Civil engineering, Computer Science Engineering, Information Technology Engineering, Electronics and Communications Engineering, Electrical and Elections Engineering, Mechanical Engineering, Electronics and Instrumentations Engineering.

B.Pharm. -

LL.B. - Regular and 5 Year Integrated course

Special Programs -BBM, BCA, BHM, B.P.Ed., B.Ed., Pharm.D.

* All UG (Non-Professional) and PG (Non-Professional) courses are under CBCS.

- The College Development Council in the University guides the affiliated colleges in the introduction of new programmes based on the requirements.



- The University insists on feasibility report and justification before considering new programmes if it is not instituted already in the University.
- To introduce a new programme in an emerging area or interdisciplinary subjects, an adhoc-Board of Studies is constituted by the Executive Council to design the programme, formulate regulations and prescribe eligibility norms and teacher qualification.
- Subsequently, the adhoc-Board of Studies is replaced by a regular Board of Studies.
- The programmes proposed to be offered by the autonomous colleges are placed before the Academic Council for approval and reported to the Executive Council.
- The Academic Council is the supreme body for courses and curriculum and it can approve, reject or recommend to the Board of Studies for reconsideration.
- All the approved courses are available for colleges to offer.
- The colleges have to follow the procedure to get the University recognition to offer a programme.
- This requires the colleges to apply for a new programme or additional seats in the existing programme before the prescribed last date.
- The inspection team as constituted by the University visits the institution and ensures the availability of required faculty and infrastructure.
- Based on the report of the inspection team, the University authorities approve, reject or recommend the programme.

• **Programmes in Distance Mode**

SI. No.	Name of the course	Duration
1.	Certificate Course in Communication Skills in English	6 months
2.	C.L.I.Sc.	6 months
3.	B.A. (General)	3 Years (E.T.)
4.	B.Com. (General)	-do-
5.	B.Com. (Computer)	-do-
6.	B.B.M.	-do-
7.	B.Sc. Maths, Statistics, CompSci.	-do-
8.	Diploma in Mimicry	1 Year
9.	B.L.I.Sc.	1 Year
10.	B.C.J.	1Year
11.	M.C.J.	1 Year
12.	L.L.M.	2 Years
13.	M.A. English	2 years
14.	M.A. Telugu	2 years
15.	M.A. Hindi	2 years
16.	M.A. Urdu	2 years
17.	M.A. Sanskrit	2 years
18.	M.A. Economics	2 years
19.	M.A. History	2 years
20.	M.A. Political Science	2 years
21.	M.A. Public Administration	2 years
22.	M.A. Sociology	2 years
23.	Master of Social Work (MSW)	2 years



24.	M.A. Rural Development	2 years
25.	M.A. Human Resource Management (MHRM)	2 years
26.	Master of Commerce (M.Com.)	2 years
27.	M.Sc. Psychology	2 years
28.	M.Sc. Environmental Science	2 years
29.	M.Sc. Mathematics	2 years
30.	M.Sc. Statistics	2 years
31.	M.Sc. Chemistry	2 years
32.	M.Sc. Botany	2 years
33.	M.sc. Zoology	2 years
34.	PG Dip. In Computer Applications	1 Year
35.	PG Dip. In Business Management	1 Year
36.	PG Dip. In Guidance and Counselling	1 Year
37.	Master of Business Administration (MBA)	2 Years
38.	M.Sc. Computer Science	2 Years
39.	Bachelor of Education (B.Ed. DM)	2 Years
40.	Bachelor of Education Addl. Methodology	1 Year
41.	Advanced Diploma in Computer Applications(ADCA)	6 months
42.	Diploma in Drawing	6 months
43.	Certificate in Master of Web Design	3 months
44.	Certificate In Beautician	3 months
45.	Certificate in Net Programming	3 months
46.	Certificate in OPP(Programming)	3 months
47.	Certificate in Tally	3 months
48.	Certificate in Drawing	3 Months
49.	Certificate in DTP	3 months

1.2.2. Give details of the following provisions with reference to academic flexibility

a) Core/Elective Options

- The students have academic flexibility as the University has adopted Choice Based Credit System (CBCS) for all the courses.
- In PG courses, students have choice of open electives in Second and Fourth Semesters.
- Students have to take a foundation course in the Third Semester.
- They have a choice to opt for electives and foundation courses from the respective pools.
- Students have to give a general seminar in Second and Fourth Semesters on the topics of their choice.
- Open electives, foundation courses and general seminars carry weightage in terms of marks and credits.
- The performance of students is graded on the basis of CGPA and SGPA.



Table - 1.2
List of Specializations in different Subjects

Sl. No.	Subject	Specializations/Electives offered
1	Biotechnology	1. Plant Biotechnology 2. Genetical Engineering 3. Microbial Environmental Biotechnology 4. Animal & Medical Biotechnology 5. Agricultural Biotechnology 6. Advanced Biotechnology
2	Botany	1. Molecular Biology 2. Ethno botany 3. Plant Tissue Culture 4. Microbiology 5. Plant Pathology 6. Plant Biotechnology
3	Business Management	1. Finance 2. Marketing 3. Human Resource Management 4. Systems
4	Chemistry	1. Organic Chemistry 2. Inorganic Chemistry 3. Physical Chemistry
5	Commerce	1. Finance 2. Marketing 3. Banking 4. Computer Applications
6	Economics	1. Microeconomics 2. Women's studies 3. Econometric Methods 4. Agriculture Economics 5. Industrial Economics
7	English	1. English Language Teaching 2. American Literature 3. Post Colonial Literature 4. Indian Literature
8	Geology	1. Mining & Mineral blend 2. Mineral exploration and Mineral Economics 3. Engineering Geology
9	History	1. Modern Indian History 2. Medieval Indian History 3. Folklore studies;
10	Mathematics	1. Classical Mechanics 2. Mechanics of solids 3. Elasticity 4. Stochastic Process and Queuing Theory 5. Reliability 6. Theory of differential equations 7. Numerical Analysis 8. Near rings 9. Commutative rings & Modules 10. Theory of Automation
11	Law	1. Constitutional Law 2. Human Rights Law 3. Corporate Law 4. Criminal Law 5. Intellectual Property Rights 6. Labour Law



12	Microbiology	1. Microbial Biotechnology 2. Molecular Microbiology
13	Physics	1. Solid State Physics 2. Nano science 3. Electronics
14	Political Science	1. Indian Government and Politics 2. Comparative Politics 3. Social Movements in India 4. State Government and Politics 5. International Relations
15	Public Administration	1. Tribal Development 2. Rural Local Governance 3. Urban Local Governance 4. Rural Development & Administration 5. State Administration 6. Disaster Management 7. Public Enterprises
16	Telugu	1. Teluguvari Charithra 2. Prakarya Bhasha Prayogathimka Basha 3. Yakshagathalu
17	Zoology	1. Animal Biotechnology 2. Cell & Molecular Biology
18	Pharmacy	1. Pharmacology 2. Pharmaceutical Chemistry 3. Pharmacognosy 4. Industrial Pharmacy 5. Pharmaceutics 6. Pharmaceutical Analysis.
19	Engineering	1. Software Engineering 2. Digital Engineering
20	Statistics	1. Reliability Theory 2. Econometrics
21	Engineering and Technology	1. Software Engineering 2. Digital Communication Engineering 3. Electronics and Communication Engineering
22	Education	1. Economics of Education 2. Special Education 3. Adult Education 4. Environmental Education 5. Distance Education

b) Enrichment Courses

- Each department is allocated some fixed amount of grant to organize extension lectures by inviting experts from outside the university for the benefit of the students and the faculty on specialized topics.
- The deliver series of lectures and continuously interact with the research scholars and students to enrich their knowledge.
- The departments conduct seminars/conferences/workshops and encourage students to involve in the deliberations and interact with the speakers and participants and enrich their knowledge.
- University conducts endowment lectures for which students are encouraged to attend and learn about the social issues and their status.



Number of Such Programmes:

- 233 conferences/seminars/workshops/training programmes etc. were conducted by various departments during the assessment period.
- Twelve Endowment Lectures were instituted.
 - i) Sri Pingle Venkatram Reddy Endowment Lecture
 - ii) Prof. P.A. James Endowment Lecture
 - iii) Sri Pamulaparthi Sadasiva Rao Endowment Lecture
 - iv) Dr. K. Jayashankar Memorial Endowment Lecture
 - v) Sri M.S. Acharya Endowment Lecture
 - vi) Dr. K. Bala Gopal Endowment Lecture
 - vii) Sri P.V. Narasimha Rao Endowment Lecture
 - viii) Dr. B. Janardhan Rao Memorial Endowment Lecture.
 - ix) Silver Jubilee Endowment Lecture
 - x) Nakka Laxmamma and Chennaiah Endowment Lecture
 - xi) Late Sri. Kaloji Narayana Rao Endowment Lecture
 - xii) Prof. C. Sivarama Krishna Rao Endowment Lecture

c) Courses offered in modular form:

- Under CBCS all courses are offered now in modular form.

d) Credit accumulation and transfer facility

- In UG courses due to CBCS system inter-university transfers are permitted.
- In B.Tech there is credit system and on inter-university transfers credits are normalized and transferred.
- The students are permitted to move from face to face system to distance mode and the marks are transferred.

e) Lateral and vertical mobility within and across programmes, courses and disciplines

- Lateral entry system has been adopted in Pharmaceutical Sciences and Engineering courses based on merit and roster system after writing the “ECET” entrance conducted by the Government of Telangana.
- The University has been allowing vertical mobility from Graduate courses to PG courses like MBA, MCA, LL.B., etc., as per the eligibility criteria fixed by respective regulatory bodies like the AICTE, NCTE and Bar Council of India.
- Students also have the academic flexibility to study MA in branches like Political Science, Public Administration, Journalism etc., irrespective of whether they had studied the relevant course at the UG level or not.

1.2.3 Does the university have an explicit policy and strategy for attracting international students?

Yes

- The CFRAC has designed a course in English for Foreign students who need to improve their proficiency in English language.
- This Ten month course is offered at CELT, K.U.



- University strongly recommends (course in English for foreign students) CEFS course for those students whose medium of instruction is other than English.
- The University has signed MoU with 16 universities and institutions.
- Foreign nationals including NRIs with valid passports and visa issued by the Government of India, and refugees will be considered for admission subject to the conditions prescribed by the Government.
- 15% supernumerary seats are available in all the PG courses (Regular programmes only) for foreign nationals including NRIs.
- Foreign students' admission is processed by the CFRAC.
- The CFRAC also provides support for housing and facilitates the students to have a comfortable stay and study.
- During the last five years, UG students, PG students and Ph.D. scholars from foreign countries have pursued their studies in the University.
- In a similar way students from the Kakatiya University are encouraged to visit foreign institutions and eligible students are guided and mentored by Center for Foreign Relations, Research and Consultancy.
- During the assessment period, University attracted considerable number of foreign students with proper planning from CFRAC.
- CFRAC has so far attended to 181 admissions and enquiries from 26 countries such as Afghanistan, Bangladesh, Bhutan, Brazil, Canada, Cyprus, Oman, Ethiopia, Italy, Iran, Korea, Nepal, Iraq, Libya, Palestine, Saudi Arabia, South Korea, South Sudan, Sri Lanka, Tanzania, Uganda, Yemen, Nigeria, Liberia, Palestine and the USA.

The MoUs entered by Kakatiya University are the following:

- 1) The Department of Plant Molecular Biology, Groningen University, the Netherlands and the Department of Biotechnology, Kakatiya University.
- 2) The Botanical Institute Ludwig, Maximillians University, Munich, Germany and the Department of Botany and Biotechnology, Kakatiya University.
- 3) The Murdoch University, Perth, WA and the Department of Biotechnology, Kakatiya University.
- 4) The National Centre for Genetic Resources & Biotechnology, Brasilia, Brazil and the Department of Biotechnology, Kakatiya University.
- 5) Eretria Institute of Technology, Asmara.
- 6) The Central Michigan University, USA.
- 7) The European Union under ERAMUS Project
- 8) DOCTUS, Hyderabad.
- 9) WSU, MSU and ISU, USA in Biotechnology.
- 10) Genre American University,, UK.
- 11) NTH Co., Ltd., Japan.
- 12) NSL Mining Consolidated Ltd, Australia.



- 13) MDI, Gorgon for the exchange of students and teachers between the institutions.
- 14) Australian Centre of Industrial Biotechnology, Austria and Kakatiya University.
- 15) International Institute of Waste Management, Bhopal, M.P. and Kakatiya University.
- 16) University of Malaysia Pahang, Malaysia (Govt. Of Malaysia), Kakatiya University.

1.2.4. Have any courses been developed targeting international students? If so, how successful have them been? If 'no' - explain the impediments.

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1.2.5. Does the university facilitate dual degree and twinning programmes? If yes, give details:

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1.2.6. Does the university offer self-financing programmes? If yes, list them and indicate its policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programmes?

Yes.

- As per the decision of executive council and directions from the government from time to time.
- The admission for these self-financing programmes is looked after by the Directorate of Admissions.
- The eligibility criteria for admission, selection process along with the rules of admission are same as that for the regular courses.
- The teacher's appointments along with the qualifications are also the same as that for any other teacher in University.

1.2.7. Does the university provide flexibility of bringing together the conventional face-to-face mode and the distance mode of education and allow students to choose and combine the courses they are interested in? If yes, give operational details.

Yes.

- The university offers many courses in the distance mode, any student can move from regular/formal to non-formal/distance mode if he/she decides to do so by discontinuing the programme and showing genuine reasons.
- In such cases the marks sheets will be transferred.
- The candidate can not choose any of the programmes offered under the distance mode while pursuing the regular course.



1.2.8. Has the university adopted the Choice Based Credit System (CBCS)? If yes, for how many programmes? What efforts have been made by the university to encourage the introduction of CBCS in its affiliated colleges?

- Yes. In consonance with the NAAC Peer Committee's recommendations, the University has introduced CBCS in all the PG and UG programmes which are offered at campus, constituent and affiliated colleges.

1.2.9. What percentage of programmes offered by the university follows semester system?

100%

1.2.10. How does the university promote inter-disciplinary programmes? Name a few programmes and comment on their outcome.

Kakatiya University is offering the following inter-disciplinary courses.

Table - 1.3
List of Inter-Disciplinary Courses on Campus

Sl. No.	Name of the programme	Type of the programme	Number of Seats	Participating Departments
1	M.Sc. Bio-chemistry	Semester	18	
2	M.Sc. Biotechnology	Semester	32	
3	M.Sc. Microbiology	Semester	33	
4	M.Sc. Environmental Science (SDLCE)	Semester	40	
5	M.Sc. Computer Science	Semester	30	
6	M.Sc. Statistics	Semester	21	
7	MHRM	Semester	42	
8	MCJ	Semester	35	
9	M.A. Gender Studies	Semester	35	
10	M.A. Sociology	Semester	35	
11	M.B.A	Semester	120	
12	B. Pharmacy	Semester	60	
13	MTM	Semester	35	

- The University offered a total of 222 programmes during the academic year 2013-14 through its departments.
- This includes 10 M.Phil, 35 PG, 3 PG Diplomas, 6 Diplomas and 9 Certificate programmes.
- The PG programmes are mainly of two years duration except MCA which is three year programme.
- The five year integrated programmes viz. M.Sc Biotechnology, M.Sc. Chemistry and L.L.M.
- The University offers 28 Ph.D programmes (basic and interdisciplinary) are offered on full-time and part-time basis in all its teaching departments.



- The University introduced new programmes during the last six years which included M.Phil, PG, PG Diploma, Diploma and Certificate programmes.
- The admission to all the programmes on the campus colleges and affiliated colleges is through entrance test.
- The candidates can write entrance for any number of subjects depending on the courses for which they are eligible based on the courses he studied in the U.G. programmes including languages.
- The candidate has the freedom to select interdisciplinary topics for his research and University also provides the facility of joint supervisors in such cases.

Academic flexibility in choosing the courses

- Choice Based Credit System is introduced in all UG and PG Courses.

Curriculum development process

- The process of design and development of curriculum involves three major steps: review, revision and ratification.
- Curriculum revision and /or introduction of new courses are undertaken based on the feedback/inputs received from students, faculty, alumni and employers.
- The existing PG programmes take into account the future needs of the society.
- The MBA and MCA programmes have a contemporary thrust of internationalization, globalization and human resource development.
- Sciences, Bio- Sciences, Pharmacy, Journalism, and Psychology etc. cater to the contemporary needs of the society.
- Language, Art and Culture are of relevance for the society.
- The University offers PG and research programmes in Major Indian and foreign languages such as Sanskrit, Telugu, Hindi, and English.
- The language laboratories focus on computer-aided multi-media instruction for language learning.
- The laboratory acts as a platform for learning, practicing and producing language skills through interactive lessons and communicative mode of teaching.
- Soft skill courses and industry internship for B.Tech students made mandatory.
- A special feature of curriculum design and development is the special care taken to satisfy the needs of the overseas students.

1.3. Curriculum Enrichment

1.3.1. How often is the curriculum of the university reviewed and upgraded for making it socially relevant and/or job oriented/knowledge intensive and meeting the emerging needs of students and other stakeholders?

- Curriculum is revised for every three years for UG and PG with appropriate approval from the apex bodies.
- In the re-accreditation period, new PG Programmes have been initiated in cutting edge areas like Ph.D programme in Biotechnology, specialization in Physics like Nan science and an M.Sc Programme in Nanotechnology in an autonomous College.



- All these courses have been started after reviewing the existing courses and after ascertaining the demand from various stakeholders by the respective boards of studies and after getting approval from the apex bodies.

1.3.2. During the last four years, how many new programmes at UG and PG levels were introduced? Give details.

The new programmes started during the period of assessment:

UG Level

- B.Sc.(Voc) courses in IT, Travel and Tourism,
- B.Tech (EEE),

PG Level

- Nano science as third specialization in second year of M.Sc.(Physics) – emerging area
- Master in Communication and Journalism (MCJ) – inter disciplinary,
- M.A(Gender studies) – inter disciplinary,
- Master in Social Work (MSW) – inter disciplinary
- M.P.Ed. – inter disciplinary and
- M.Tech in Digital Communication – emerging area.

Research Level

- Ph.D programme in Biotechnology emerging area

Out of these six are inter-disciplinary and three are in emerging areas.

1.3.3. What are the strategies adopted for the revision of existing programmes? What percentage of courses underwent a syllabus revision?

The strategies adopted for the revision of existing programmes include:

- In accordance with the regulatory bodies such as UGC and AICTE.
 - Analysis of the current and future challenges and employability.
 - Compilation of directory of experts.
 - Meetings with Principals of the affiliated colleges.
 - Evaluation and observation of changes, relevance and requirements.
 - Feedback from alumni and stakeholders.
 - Identification of innovative pedagogy, expertise, training, tools, skills and techniques.
 - Meeting of the chairpersons of BoS to review the requirements and societal needs.
- In the period of assessment in 26 subjects the syllabus was revised and this amounts to 67% of the number of subjects offered at P.G level.
 - Majority of the departments revised the syllabus when the University introduced CBCS system at all UG & PG levels.



1.3.4. What are the value-added courses offered by the university and how does the university ensure that all students have access to them?

The following are value added PG Diploma, Diploma and Certificate programmes offered by various departments of the University:

Table - 1.4
Value Added PG, PG Diploma, Diploma and Certificate Programmes Offered

Sl. No.	Name of the Programme	Duration
1	P. G. Diploma in Sericulture	One year
2	P. G. Diploma in Business Management	One year
3	P. G. Diploma in Guidance and Counselling	One year
4	Advanced Diploma in Computer Applications	6 months
5	Diploma in Mimicry	One year
6	Diploma in Drawing	3 months
7	Certificate course in Library Science	6 months
8	Certificate course in Communication Skills in English	6 months
9	Certificate course in Web Design	3 months
10	Certificate course in Beautician	3 months
11	Certificate course in Net Programming	3 months
12	Certificate course in OOPS (Programming)	3 months
13	Certificate course in Tally	3 months
14	Certificate course in Drawing	3 months
15	Certificate course in DTP	3 months

1.3.5. Has the university introduced any higher order skill development programmes in consonance with the national requirements as outlined by the National Skills Development Corporation and other agencies?

Yes

- University is offering the following skill development programmes that fall in the policy of National Skills Development Corporation (NSDC) under the Distance mode.
 - 1) PG Diploma in Computer Applications,
 - 2) Advanced Diploma of Computer Applications,
 - 3) Certificate course in Web Design,
 - 4) Certificate course in Net Programming and
 - 5) Certificate course in Tally.

1.4 Feedback system

1.4.1. Does the university have a formal mechanism to obtain feedback from students regarding the curriculum and how it is made use of?

- Yes, the Internal Quality Assurance Cell (IQAC) of the University developed an instrument to get a detailed feedback about the course, course content, relevance and delivery by the teacher.
- The feedback received from the students is analyzed by the IQAC and the outcome is sent to the concerned head of the department and faculty with the approval of the University authorities.
- Informal feedbacks are obtained from the participants of seminars/conferences, campus placement companies, alumni, employers, community, academic peers, industry and parents.



1.4.2. Does the university elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods such as conducting webinars, workshops, online discussions, etc. and its impact.

Yes

- Feedback has been obtained from the visitors under MoU with foreign universities, invited distinguished scholars, UGC visiting fellows, etc.
- Online discussions are also held by the faculty members to upgrade the curricula to meet global challenges.
- The university makes use of National and International Seminars/Conferences/Workshops organized in the Camps to discuss the curriculum with national and international experts to elicit their views, opinions and feedback on the curriculum.

1.4.3. Specify the mechanism through which affiliated institutions give feedback on curriculum enrichment and the extent to which it is made use of.

- The feedback from the affiliated institutions on curriculum comes from the participation of their faculty in Departmental Conferences conducted every year.
- The university periodically conducts meetings with the Principals of the affiliated colleges.
- Feedback is also obtained from the members of academic senate.

1.4.4. What are the quality sustenance and quality enhancement measures undertaken by the university in ensuring the effective development of the curricula?

In the context of globalization and according to the needs of the students and society, the university is taking appropriate measures to enhance the curricula and maintenance of the quality.

- Every three years the curricula have been changed and updated.
- Periodical seminars on emerging areas.
- Hands on experience for handling the latest equipment.
- Submission of term papers.
- Internal Assessment system.
- Training in communication skills.
- Training in computer skills.
- Extension lectures by experts and by eminent scholars.
- Emerging faculty to go on foreign visits to update skills and subject knowledge.

Any other information regarding Curricular Aspects which the university would like to include.

- Conducting orientation programmes to the students in the beginning of the academic year.
- Introduction of value added courses.
- Entering into MoU with other National and International Institutes.



CRITERION – II : TEACHING–LEARNING AND EVALUATION

2.1. Student Enrolment and Profile

2.1.1. How does the university ensure publicity and transparency in the admission process?

- The University brings out an admission notification for PG and M.Phil. and Ph.D. programmes of the University departments in leading national and regional dailies through the Directorate of Admissions.
- The information is posted in the University website (www.kakatiya.ac.in) in the month of March.
- A separate advertisement is issued for the courses offered through the School of Distance Learning and Continuing Education (SDLCE) in the month of June for academic year courses and January for the calendar year courses.
- This information is posted in SDLCE website (www.sdlceku.ac.in).
- The admission notification contains details about the courses offered, deadline for application, mode of selection and the like.
- The University websites are user-friendly and provide details about the admission policy, academic programmes, academic calendar, curriculum, courses and syllabus.
- The University provides a prospectus along with the application form giving all details of the programmes offered.
- Students can also download the application forms and apply with registration fees.
- The admission process is monitored by Advisory Committee and executed by Admission Committee comprises faculty members representing all categories.
- The admission/allotment of seats is made through student counseling in the premises of the Directorate of Admissions.
- The admission into MBA and MCA; BL, LLB and LLM; B.Ed and M.Ed; B.Tech and B.Pharm; M.Pharm; and M.Tech is made by ICET, LAW CET, EdCET, EAMCET, GPAT and PGCET, respectively following the State Government reservation rules in vogue.

2.1.2. Explain in detail the process of admission put in place by the university. List the criteria for admission: (e.g.: (i) merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv) common entrance test conducted by state agencies and national agencies (v) other criteria followed by the university (please specify).

- The University, by scrupulously implementing the reservation policy of the Government of Telangana, attempts to enhance the access for students belonging to SC/ST, BC and minorities, persons with various disabilities, outstanding achievers in sports and other extra-curricular activities such as NCC, NSS etc.
- In order to attract foreign students, the University provides 1 % supernumerary seats in each department.
- Apart from statutory reservations extended to the above mentioned categories of students, University offers fee concessions to those belonging to the weaker sections of society.



- Admission is made only on the merit in the marks obtained in qualifying examination and following the rule of reservation prescribed by the state government for UG (Non-Professional) courses following.
- Admission in PG courses is based on the marks obtained in the entrance examination conducted by the University and following the rule of reservation.
- For the courses M.Phil and Ph.D the admissions are made on the basis of entrance test conducted by the University followed by the interview.
- In the process of admission, first the seats in the open category are filled by the students belonging to all categories strictly on the merit in entrance examination and subsequently the seats under reservation category are filled with the students belonging to respective categories.

2.1.3. Provide details of admission process in the affiliated colleges and the university's role in monitoring the same.

- For admissions in UG courses in affiliated colleges, the schedule is prepared and finalized after thorough discussions in the Principals' meeting convened by the Dean, College Development Council and Vice-Chancellor being the Chairman.
- Applications are invited by the Principals independently and the admissions are finalized strictly following the state government's reservation policy on the basis of the marks obtained in the qualifying examination.
- The admission process in affiliated colleges is supervised by the Dean, College Development Council of the University.
- For the academic year 2016-2017, the admission for all undergraduate courses was conducted by Degree Online Services, Telangana (DOST) for all Universities in the State.
- Student admissions to all these colleges into PG courses are made by the Directorate of Admissions of Kakatiya University.
- For all the UG and PG courses offered by the affiliated colleges, admissions are made by University through central counseling.
- Admissions to UG and PG professional courses are made through central web counseling by Government of Telangana based on the rank obtained in the respective entrance tests.

2.1.4. Does the university have a mechanism to review its admission process and student profile annually? If yes, what is the outcome of such an analysis and how has it contributed in the improvement of the process?

- Yes, the University has a mechanism to review its admission process and student profile annually.
- Every year, review meeting of the Advisory Committee of the Directorate of Admissions is held wherein the entire admission process is reviewed and innovative ideas are welcomed and incorporated to refine the admission process in order to make the mechanism student-friendly.
- Over the years, a lot of improvement was achieved through online admission process.
- This helped the university in completing the admission process in the shortest possible time frame without causing disturbance to the almanac and teaching schedule.



2.1.5. What are the strategies adopted to increase/improve access for students belonging to the following categories:

- **SC/ST**

The University, by strictly adhering to the reservation policy of the State Government, attempts to enhance the access for students belonging to SC/ST. They will be given Mess charges by the state government during the course. Coaching classes for appearing competitive exams, NET, GATE, SLET and civils will be conducted by SC/ST cell of the university. They will also be encouraged to utilize the schemes like RGNF offered by UGC.

- **OBC**

BC students will be encouraged by extending the mess charges and scholarships offered by state government. They are also assisted for the career building and appearing for various exams by conducting coaching classes by BC cell of the university. And minorities, persons with varied disabilities, economically weaker sections, outstanding achievers in sports and other extra-curricular activities.

- **Women**

Centre for Women Studies takes care of their academic career, employment opportunities and empowerment by conducting awareness workshops.

- **Persons with varied disabilities**

Separate facilities in the hostels, academic buildings and library are provided for physically disabled students. Ramps are provided in the departments for their easy movements. They are provided the waiving of exam fee, exemption of passing in English in UG (Non-professional courses) and reduction of percentage from 35 to 25 for pass in exams.

- **Economically weaker sections**

- **Outstanding achievers in sports and other extracurricular activities**

Outstanding achievers in sports and other extra-curricular activities will be encouraged by giving some exemption in putting the required % of attendance.

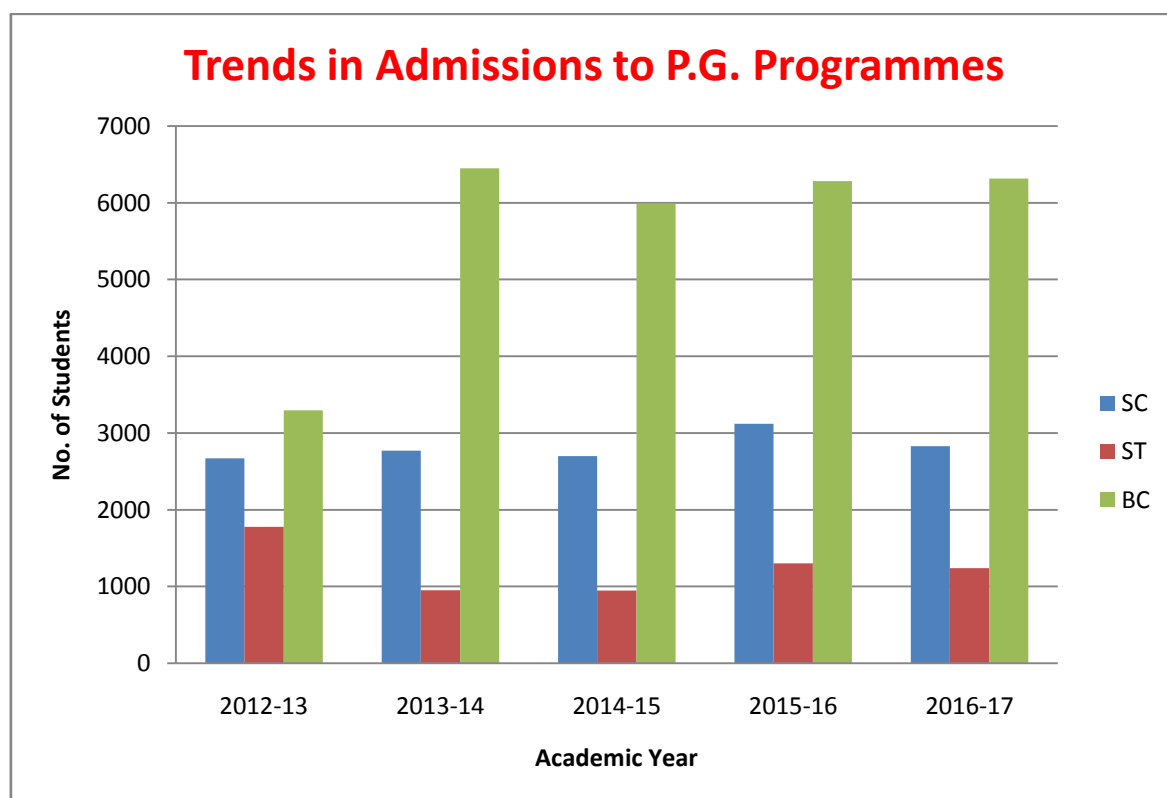
Trends in admissions to PG programmes

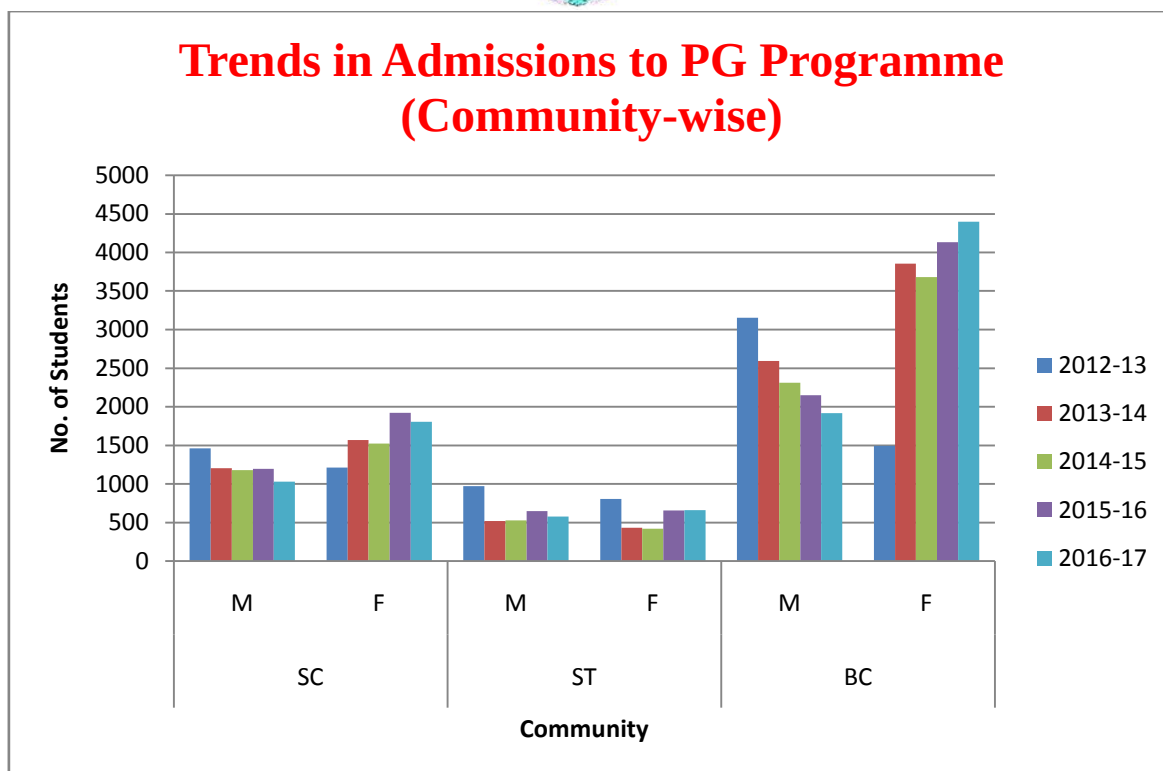
- Table 2.1 clearly brings out the trends in the admission of students to the PG programmes of the University departments.
- It is seen from the Table that the number of students admitted to the PG degree programmes, which stood at 6449 in 2013 – 2014, stands at 6315 in 2016–2017.
- It can be noticed from the Table that the total number of female students is more than the male students.
- The number of students belonging to marginalized sections of society (SC, ST and OBC) also increased considerably over the past six years.



Table - 2.1
Trends in Admission to PG Programmes

Academic year	SC			ST			BC		
	M	F	Total	M	F	Total	M	F	Total
2012-13	1461	1210	2671	973	806	1779	3153	1493	3296
2013-14	1204	1568	2772	519	432	951	2594	3855	6449
2014-15	1178	1523	2701	527	420	947	2310	3680	5990
2015-16	1197	1923	3120	647	654	1301	2150	4133	6283
2016-17	1027	1803	2830	578	661	1239	1918	4397	6315





2.1.6. Number of Students admitted in university departments in the last four academic years:

Table - 2.2
Admission of Students into University Departments in last Four Years

Sl. No	Categories	Year-1 2013-14			Year-2 2014-15			Year-3 2015-16			Year-4 2016-17		
		M	F	Total	M	F	Total	M	F	Total	M	F	Total
1													
2	SC	1204	1568	2772	1178	1523	2701	1197	1923	3120	1027	1803	2830
3	ST	519	432	951	527	420	947	647	654	1301	578	661	1239
4	OBC	2594	3855	6449	2310	3680	5990	2150	4133	6283	1918	4397	6315
5	GENERAL	318	520	838	308	512	820	324	534	860	306	554	860
6	OTHERS (PHC)	116			77			46			38		
7	NSS/NCC/SPORTS/GAMES	191			107			92			88		

2.1.7. Has the university conducted any analysis of demand ratio for the various programmes of the university departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase/decrease.

Yes

- Table 2.3 shows the trends in the demand ratio with regard to the PG and M. Phil programmes.
- The following tables provide the information during 2016-2017 academic year.



Table - 2.3
Demand Ratio for the Year 2016-2017

Sl.No.	Programmes	Number of Applications	Number of Students Admitted	Demand Ratio
1	UG	-	-	-
2	M.Sc/M.A./M.Com PG Diploma	36104	13751	1:2.63
3	5 Years Integrated M.Sc courses	598	192	1:3.20
4	M. Phil		Admissions are in progress	
5	Ph.D			

Table - 2.4
Demand Ratio for the Period of Assessment

Sl. No.	Year	UG	PG	IM	M.Phil	Ph.D
1	2012-13	--	1:3.00	--	1:60	1 : 15
2	2013-14	--	1:3.00	--	1:60	1 : 15
3	2014-15	--	1:2.40	--	--	1 : 20
4	2015-16	--	1:2.68	--	--	1 : 20
5	2016-17	--	1:2.63	--	--	1 : 20

2.1.8. Were any programmes discontinued/ staggered by the university in the last four years? If yes, please specify the reasons.

No programme is discontinued.

2.2. Catering to Student Diversity

2.2.1. Does the university organize orientation/induction programme for fresher's? If yes, give details such as the duration issues covered, experts involved and mechanism for using the feedback in subsequent years.

- Yes. Every year, immediately after the admission process is completed, the University organizes orientation and induction programmes with senior faculty and experts for the newly admitted students.
- The University brings out handbook every year.
- The handbook contains all details about the faculties, departments, programmes, and courses, besides the academic calendar of the respective year.
- Freshers are given instructions on matters relating to examination, grading system, student amenities available in the University, scholarships, MOUs, health insurance, anti-ragging committee, language laboratories, health education, etc.

2.2.2. Does the university have a mechanism through which the “differential requirements of the student population” are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

- Yes, the University has a mechanism through which the differential requirements of the student population are analyzed after admission and before the commencement of classes.



- The orientation programme conducted at each department/subject before the commencement of the teaching programme helps in understanding and assessing the knowledge base and skills of the students.
- The interaction of individual teachers with students in the class to understand their level helps the teacher in the modification of his teaching methodology to suit the students and enhance their level of understanding.
- The performance of students in the first and second internal tests which are a part of continuous internal evaluation also helps in getting an understanding of the requirements of the students.
- The departmental committee and board of studies review the differential requirements of the students in respect of the curriculum, career opportunities, training on soft skills etc. and suggest proper measures.

2.2.3. Does the university offer bridge/remedial/add on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

Yes

- University has got the practice of offering Bridge, remedial and add-on courses to fill the knowledge gaps in the respective course. First 10 classes in the semester are allocated for this purpose.
- University conducts remedial classes to cope with the optimum knowledge levels.

2.2.4. Has the university conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, physically handicapped, slow learners, etc.? If yes, what are the main findings?

Yes, the university has a mechanism for conducting the study on the academic growth of students from disadvantaged sections. After analysing the data, the necessary measures will be taken. The following Table shows the statistics of the growth of students.

Table – 2.5
Statistics of the growth of the students

Sl. No	Categories	Year-1 2013-14			Year-2 2014-15			Year-3 2015-16			Year-4 2016-17		
		M	F	Total	M	F	Total	M	F	Total	M	F	Total
1	SC	1204	1568	2772	1178	1523	2701	1197	1923	3120	1027	1803	2830
2	ST	519	432	951	527	420	947	647	654	1301	578	661	1239
3	OBC	2594	3855	6449	2310	3680	5990	2150	4133	6283	1918	4397	6315
4	OTHERS (PHC)	116			77			46			38		

2.2.5. How does the university identify and respond to the learning needs of advanced learners?

- The advanced learners in various subjects are identified by the faculty concerned during the class-room teaching, and based on their performance in internal assessment tests, end-semester examination, and student-teacher interaction.



- They are also identified based on their active participation, involvement, performance in the classroom/practical hall dynamics including participation in seminars, etc.
- Subject wise, paper wise, practical wise strategies are adopted.
- They are given enough opportunities in different programmes like IQAC seminars, campus placements to enhance their confidence levels.

The specific strategies for the advanced learners are as follows:

- Provisions of additional learning and reference material
- Assignment preparation on current and latest topics
- Student seminars on selected topics
- Participation in quiz, debate and problem solving- decision making exercises
- Provided with various projects, assignments and reference materials for their advancement

2.3 Teaching- Learning Process

2.3.1. How does the university plan and organize the teaching, learning and evaluation schedules (academic calendar, teaching plan, evaluation blue print, etc.)?

- The University follows an academic calendar for all its academic activities.
- The academic calendar of the University is prepared by the committees of Deans and academic administrative authorities.
- There are separate semester wise and faculty wise annual calendar for PG programmes.
- The logistics of the semester wise annual calendar of events is based on the directions, feedbacks, UGC guidelines on academic working days, policy and orders issued by Government of Telangana.
- Institutional planning and organization of teaching-learning and evaluation schedule integrated into total scheme of academic calendar is mainly based on three important provisions.
- The Regulations of each course specify the framework for academic schedule which includes the number of semesters, working/ teaching days, number of subjects, papers to be taught, hours of instructions per paper, practical method of teaching and learning, method of internal assessment, end-semester examinations, weightage for assessment tests and method of assessments and declaration of results
- The Board of Studies prescribes the detailed syllabus for a subject based on regulations
- The Office of the Controller of Examinations, based on their logistics, prepares the time frame for conducting examinations (exam schedule, evaluation schedule, tabulation schedule, marks card, result announcement schedule). Thus, the systematic planning, organization and implementation of teaching, learning and evaluation is possible within the total scheme of University schedule. IQAC plays a vital role in the quality assessment of Kakatiya University, emphasizing teaching-learning and evaluation process. IQAC organizes seminars to provide a platform for healthy interaction between



different stakeholders. It also collects feedback from students, which is subsequently analyzed to improve the teaching-learning process.

2.3.2. Does the university provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

Yes

- The University provides course outlines and course schedules prior to the commencement of the academic session to the teachers and students to enable them to follow the schedule scrupulously for effective teaching-learning process.
- The effectiveness is ensured by placing the details on the University's website (www.kakatiya.ac.in).
- The principals of respective colleges will monitor the process of effective teaching through periodic meetings and visits.

2.3.3. Does the university face any challenges faced in completing the curriculum within the time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.

No such problems have been faced by the University.

2.3.4. How is learning made student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

- The teaching-learning process is made student-centric by assigning,
- Topics on which either a student/group of students can make presentations after preparing and discussing the broad synopses with faculty and seeking clarifications wherever the need arises,
- The case studies/ business games for discussions in the classrooms,
- The task of identifying vital reference books and relevant articles related to different topics from refereed national and international journals,
- Students to present the summary of certain research articles in the classrooms,
- The choice of topics on which projects reports/dissertations are to be submitted by each one of them and
- Leadership role in various situations. Students are also encouraged to take part in sports and extracurricular activities.
- Student-teacher interaction is given highest priority in the teaching learning process to make it student-centric.
- Learning process is made more interactive through the use of different support systems like LCD projectors, interactive boards, models, maps, educational documentaries etc.
- Practicals conducted in different subjects are totally based on interactive learning.
- The University provides ample scope through well-equipped and enriched central library, departmental libraries, central computer centre and reading rooms for independent learning.



- The focus of the teaching-learning process is to develop skills and competencies among the students and to make them self-independent.

Table - 2.6
List of Participatory Learning Activities adopted by the Faculty

Sl. No.	Type of the Participatory activity
1	Internal Assessment
2	Case studies/business games for M.B.A students
3	Teacher accompanied visits to the Library and identifying vital text books
4	Research students to present the summary of certain research articles
5	Choice of topics on which projects reports/dissertations are to be submitted
6	Leadership role/Volunteers in various situations
7	Undertakings industrial visits, field visits to get practical exposure.
8	Practicing Micro-lessons
9	Seminar presentations
10	Project work
11	Laboratory Practicals

2.3.5. What is the university's policy on inviting experts/people of eminence to deliver lectures and/or organize seminars for students?

- All the academic departments are encouraged to invite experts from industry, research institutes and people of eminence in different fields.
- Industry experts are invited for specialized inputs on regular basis.
- For this purpose, the University allocates funds every year to all the departments.
- The departments are free to invite eminent personalities in the relevant field.
- Allocation is also made for inviting experts as part of organizing seminars and conferences.
- Twelve endowment lectures are instituted in the university.
- As part of these lectures, several eminent people in various fields have been invited to deliver lectures. The list of lectures delivered by eminent people as part of endowment lectures, for the last five years, is given in www.kakatiya.ac.in under IQAC

2.3.6. Does the university formally encourage blended learning by using e-learning resources?

- Yes, the computer aided learning is given priority in our educational system.
- The internet connections are made available in all the departments and the library to enhance the scope of e-learning.
- The University has INFLIBNET and INFONET facilities.
- The University subscribes to CD-ROM databases facilitating quick e-survey of the literature by giving only keywords.
- At the beginning of every academic year, orientation programmes are arranged by the library staff.
- In addition to orientation programmes, sensitization/awareness programmes and hands-on computer training are also arranged for the optimal use of INFLIBNET facilities.



- All the PG students, research scholars and the faculty members make optimum utilization of these resources for teaching-learning and research.
- Internet facility is provided in all departments and hostels and Wi-Fi facility is also provided in entire campus.
- Central computer facility is available, where students can browse the topics of their academic interest and is also used for conducting online examinations.
- It is also used for online tutorial and e-learning.

2.3.7. What are the technologies and facilities such as virtual laboratories, e-learning, open educational resources and mobile education used by the faculty for effective teaching?

Computer and internet access and training to teachers and students

The main objective of the internet connectivity in all the departments is to enable researchers, academicians, students and administrators to use information and communication technologies for better learning, teaching, research and administration.

Functions of University Networking Laboratory (UNL)

- To provide better network connectivity with improved technology to all the buildings on the campus.
- To develop better ICT infrastructure
- To extend high-speed internet path for better access
- To be active in NME and NKN national projects
- The UNL provides Web, Mail, Database Services, e-resources and e-journal access to the faculties and students of the University.
- The Laboratory also updates and uploads the day to day University information like tenders, results, seminars, workshops, conferences, admissions, appointments, department information, course syllabi and timetables with the help of the website (www.kakatiya.ac.in).

Soft Skills Lab

Separate soft skill labs with 40 computer systems have been functioning in different University campuses for the benefit of students/faculties for the past four years. More than 1000 students have been benefitted each year by using the lab.

University Computer Centre

- The University computer centre is divided into two wings.
- One wing is for regular browsing for all the students of the University.
- Second wing is used for online tutorial, e-learning and conducting online examinations.



2.3.8. Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate its benefits in the university's educational processes?

- Some faculty members are assigned with the job of monitoring the trends and issues in the developments in open source community with an intention of integrating its benefits in the university educational process.
- At the University level, the Academic Senate involves all the stake holders to discuss the trends and the needed changes in academic programmes.
- The Boards of Studies at the department level will monitor the trends and issues on the subjects in its jurisdiction.
- The research monitoring committees will monitor the issues related to contemporary research.

2.3.9. What steps has the university taken to orient traditional classrooms into 24 X 7 learning places?

- The use of modern multimedia teaching aids like LCD, OHP models, CD-ROMs and computer systems with internet connectivity are usually employed in classroom instructions and these facilities are made available in hostels.
- In some departments, computer-based packages are used to elucidate abstract knowledge and virtual instruments through computer animation.
- Students are also encouraged to use computer software packages for meaningful analysis of the experimental data collected/acquired by them.
- Research scholars and students can always use their laboratories 24x7.

2.3.10. Is there a provision for the services of counsellors/mentors/advisors for each class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefitted.

Yes

- University Career and Guidance Centre offers counselors, mentors and advisors for each class or group of students for academic, personal and psycho social guidance.
- Further every student is assigned a faculty advisor to advice on academic matters.
- In every department, the students are divided into batches and each batch is guided by a mentor in all aspects. In this way all the students in the University are benefitted.

2.3.11. Were any innovative teaching approaches/methods/practices adopted/put to use by the faculty during the last four years? If yes, did they improve learning? What were the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

Yes

- In the last five years, many teachers have developed ICT enabled course material.
- Many departments are supplied with audio visual teaching aids which are also used to teach students.



- Such teachers are rewarded for their innovations through commendations from the Vice Chancellor.
- Learner centered activities like participative learning, interactive sessions, students' seminars, case studies, project work, assignments, problem solving exercises and field work are followed.
- As a pioneering effort, open educational resources on soft skills have been prepared as a suite of 250 reusable learning objects with an intention that this pilot project will pave way for open access learning.
- Video recording of student seminars is in practice in some departments to improve the teaching abilities of students.

The significant teaching-innovations made in the last five years are mentioned below:

- i. Practical work: Nearly half of the total academic work time is devoted to practical/project work aimed at creating learning environments.
- ii. Case method: Students are assigned live projects as case studies that are aimed at testing the application of theoretical concepts to industry situations.
- iii. Feedback: Both teachers and students evaluate each other with the spirit of developing mutually and for the cause of promotion of excellence.
- iv. Mock interview exercises: Use of case study method and organizing of mock interview sessions and review of curriculum vitae exercises for the purpose of explaining the recruitment process.
- v. Personality development initiatives: Students are divided into groups to work on projects and make class-room presentations to collectively work with team spirit and share their knowledge.

2.3.12. How does the university create a culture of instilling and nurturing creativity and scientific temper among the learners?

- To nurture critical thinking, creativity and scientific temper among students, various activities like debate, extempore speaking, essay competition, seminars, group discussions, symposia, poster presentations, field survey, making models and practical exercises of curriculum are conducted.
- The University every year conducts inter-collegiate cultural festivals on the campus.
- In the academic year 2013-14 University conducted 'YUVAKALARATNA' a mega Inter-University Central Zone cultural festival in which many Universities from central India participated. The University celebrates every year International Women's day with the participation of women staff and students of University departments and affiliated colleges.
- The successful industrialists, scientists of international repute are invited frequently to the University to deliver expert lectures and to interact with the students.

2.3.13. Does the university consider student projects mandatory in the learning programme? If yes, for how many programmes have then been (percentage of total) made mandatory?

Yes



- Project work is mandatory for the students of Pharmacy, Biotechnology (Regular and Integrated), MBA, MHRM, MBM, M.Sc. Computer Science and Engineering in the final year final semester.
- Students usually undertake projects with industrial and commercial organizations.
- Faculties actively involve themselves in facilitating the completion of project work. The duration of the project work is one Semester.

1. Number of projects executed with the university

- Students in Biotechnology, Engineering, Pharmacy, Management, Computer Science, MHRM, Tourism courses prepare projects as part of their curriculum.

2. Names of external institutions associated with the University for Student Project Work.

External institutions such as industries, non-governmental organizations, and voluntary organizations are associated with University student projects.

1. Singareni Collieries	9. IICT, Hyderabad
2. NTPC, Ramagundam	10. CCMB, Hyderabad
3. Kesoram Cement	11. Reddy Labs, Hyderabad
4. Sirpur Khagaz Nagar Paper Mill	12. ICRISAT, Hyderabad
5. ITC, Bhadrachalam	13. Bharath Biotech, Hyd.
6. C-DAC	14. IISc., Bengaluru
7. NPDCL	15. NMDC, Hyderabad
8. NGRI, Hyderabad	

3. Role of faculty in facilitating such projects.

The faculty will provide guidance in selecting the topic, and guiding the students till the completion of the projects.

2.3.14. Does the university have a well-qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?

- Yes, about ninety percent of the staff of the University has Doctoral degrees in their respective disciplines.
- In one or two departments where short fall is there, expertise is utilized from other universities.
- University is contemplating to maintain data bank with the qualified pool of human resources drawn from various departments/institutions to utilize them for various purposes to enhance effective function of the university.

2.3.15. How are the faculty enabled to prepare computer-aided teaching/learning materials? What are the facilities available in the university for such efforts?

E-learning classrooms with ICT related equipment are available to strengthen the teaching-learning process. All the faculty members are provided with a computer with net connectivity.



2.3.16. Does the university have mechanism for the evaluation of teachers by the students/alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning process?

- The University has a mechanism for the evaluation of teachers by students/ alumni.
- The student's feedback form is available in www.kaktiya.ac.in which focuses on the broad areas like course content, teaching learning process,
- Evaluation process, administration, library and Internet centers.
- This feedback contributes to the academic radar prepared by the IQAC.

2.4. Teacher Quality

2.4.1. How does the university plan and manage human resources to meet the changing requirements of the curriculum?

The University has taken conscious and continued efforts in planning and managing the human resources to meet the changing requirements of the curriculum. The Kakatiya University focuses on the qualitative improvement of the faculty, by encouraging and enabling faculty to

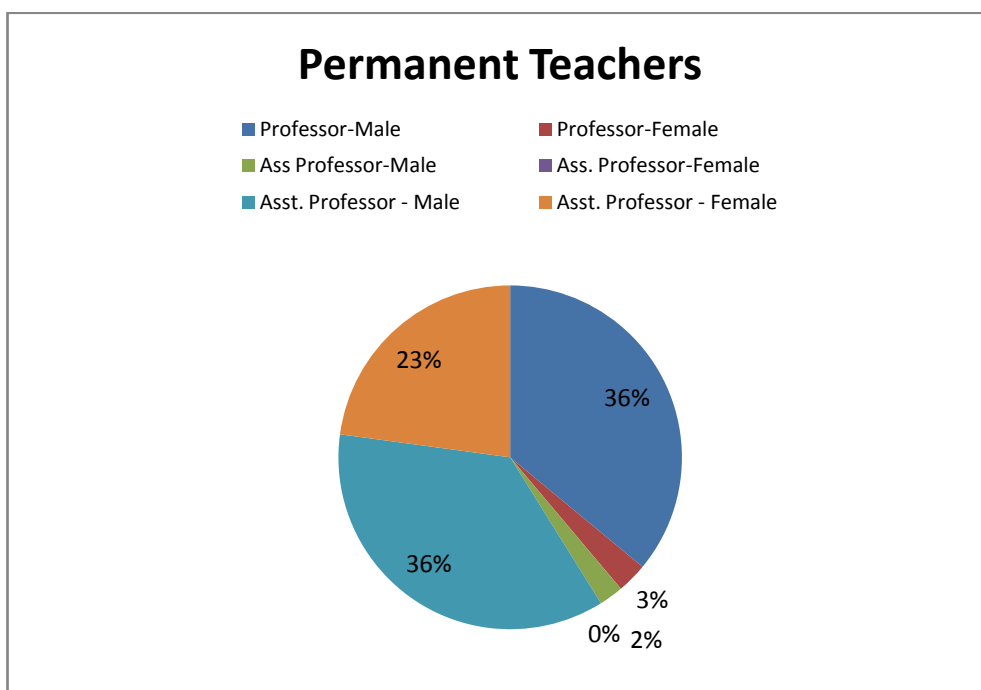
- Attend academic programmes including FDP/ training programmes of similar type, attend National/international workshops/Seminars/ Conferences /Conventions etc.,
- Undertake consultancy assignments
- Carry out research and publish papers in scholarly journals
- Obtain research grants from national and international agencies
- Guide students in Postgraduate, Doctoral Programmes.
- MoUs with research and academic institutions within and outside the country.
- Interaction of faculty with experts.
- The University recommends high performers to the state government for the award of "State best Teacher Award" during the Teachers Day celebrations every year.
- As many as 15 teachers received awards from the Chief Minister of Telangana for their Best Performance as teacher in the period of present assessment.
- The Kakatiya University has been actively seeking collaboration with industries and academic as well as research organizations all over the world with a view to meet the challenges of globalization on one hand and demands of the society on the other.
- The University constantly explores possibilities to have tie ups at regional/national and international levels for exchange of knowledge and expertise by entering into MoUs.
- As many as 45 Collaborations and 16 MoUs are under implementation.
- The teachers who developed inter-disciplinary research interests assist the University in the opening of new courses and establishment of new departments.

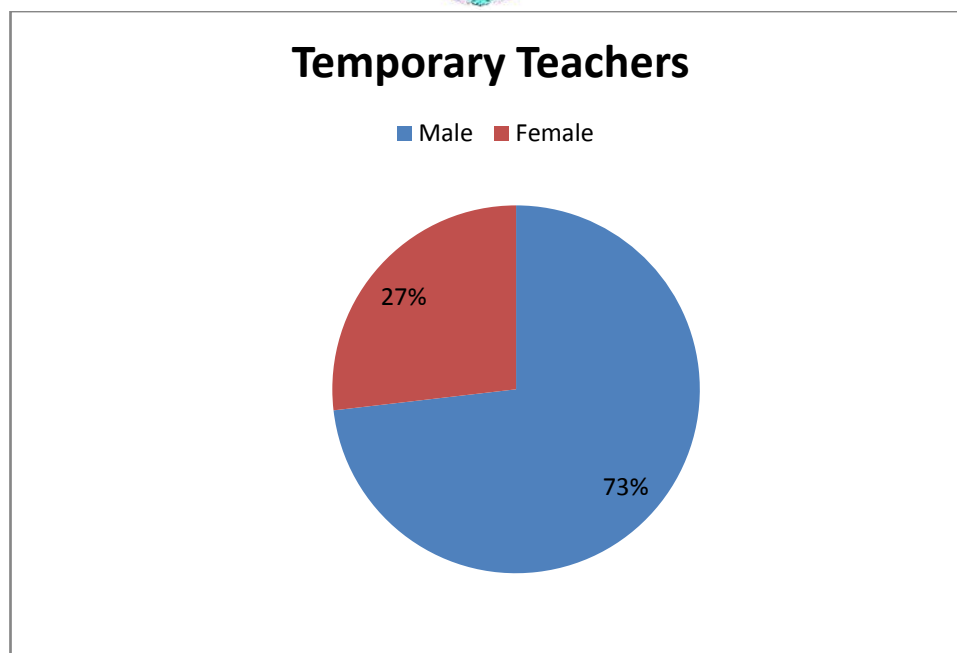


2.4.2. Furnish details of the Faculty

Table - 2.7
Details of the Faculty

Highest Qualification	Professors		Associate Professors		Assistant Professors		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
Ph.D	63	05	04	--	61	38	171
M.Phil.	--	--	--	--	--	--	--
PG					02	02	04
Total							175
Temporary Teachers							
Ph.D					38	12	50
M.Phil.					10	04	14
PG					12	06	18
Total							82





2.4.3. Does the university encourage diversity in its faculty recruitment? Provide the following details (department/school-wise).

Yes, the faculty recruitment will be done as per the state Government and University rules and regulations. The applications are invited from Indian nationals for faculty recruitment.

Table - 2.8
Details of diversity of the Faculty

Sl. No.	Department / School	% of Faculty from the same university	% of Faculty from other universities within the State	% of Faculty from universities outside the State	% of faculty from other countries
1	Biochemistry			Nil	Nil
2	Biotechnology	100	00	Nil	Nil
3	Botany	100	00	Nil	Nil
4	Chemistry	80	20	Nil	Nil
5	Commerce & Business Management	80	20	Nil	Nil
6	Economics	100	20	Nil	Nil
7	English	80	20	Nil	Nil
8	Education	80	20	Nil	Nil
9	Geology	40	60	Nil	Nil
10	History & Tourism Management	75	25	Nil	Nil
11	Computer Science	25	75	Nil	Nil
12	Law	100	00	Nil	Nil
13	Library & Information Science	00	100	Nil	Nil
14	Mathematics	60	40	Nil	Nil
15	Engineering	40	60	Nil	Nil
16	Microbiology	100	00	Nil	Nil
17	Public Administration & Human Resource	100	00	Nil	Nil



	Management				
18	Political Science	75	25	Nil	Nil
19	Pharmacy	100	00	Nil	Nil
20	Physics	90	10	Nil	Nil
21	Statistics	00	50	50	Nil
22	Sericulture	100	00	Nil	Nil
23	Sociology	75	25	Nil	Nil
24	Telugu	80	20	Nil	Nil
25	Zoology	60	40	Nil	Nil
26	School of Distance Learning and Continuing Education	100	00	Nil	Nil

2.4.4. How does the university ensure that qualified faculty are appointed for new programmes/emerging areas of study (Bio-technology, Bio-informatics, Material Science, Nanotechnology, Comparative Media Studies, Diaspora Studies, Forensic Computing, Educational Leadership, etc.)? How many faculty members were appointed to teach new programmes during the last four years?

- Initially for all the new programmes, the assistance is taken from retired teachers, emeritus professors and post-doctoral fellows and guest faculty from research institutes and universities.
- Subsequently as and when the administrative sanction is obtained, the appointments are made on the regular basis strictly as per the UGC norms and the rules of the state Government through a general notification.

2.4.5. How many Emeritus/Adjunct Faculty/Visiting Professors are on the rolls of the university?

1. Emeritus Professors: 16
2. Adjunct Faculty: 02

2.4.6. What policies/systems are in place to academically recharge and rejuvenate teachers (e.g. provide research grants, study leave, nomination to national/international conferences/seminars, in-service training, organizing national/international conferences etc.)?

- Deputing teachers to attend faculty development programmes and staff development programmes organized by different universities with the help of UGC funding.
- Granting study leave to teachers for doing Ph.D. in other Universities of International repute.
- Funding the participation of the faculty in National and International seminars and conferences.
- Encouraging and funding university departments to organize national and international conferences/seminars and workshops
- Allowing university departments to procure state of the art equipment either to upgrade their existing laboratories and for the establishment of new labs.
- Instituting the doctoral and post-doctoral scholarships for promotion of high quality research.



- Liberally allowing the entire faculty of University departments to recommend latest references/ textbooks, journals and other e-resources for procurement in University Library and libraries in the departments.
- The faculty members obtain research grants through research projects from funding agencies like DST, DBT, MoEF, CSIR, AICTE, UGC, ICSSR, etc.
- University encourages the faculty members to organize National and International conferences by allocating some funds in addition to the grants from the funding agencies.

2.4.7. How many faculty received awards/recognitions for excellence in teaching at the state, national and international level during the last four years?

2010-11

1. Prof. N. Linga Murthy was conferred the rank of Honorary Colonel of NCC.
2. Prof. G. Damodar, Prof. N. Ramaswamy, Prof. V. Ravinder were selected for the State Best Teacher award.
3. Prof. A. Raghurama Rao, was honoured with the Dr. (Mrs.) Manjusree Pal Memorial Award for the best Pharmaceutical Scientist award
4. Prof. Banna Ailaiah was honoured by Teja Arts Creations –A Literary and Social Organization with the annual award.
5. Prof. Ghanta Ramesh was honoured with an award instituted by the UNESCO & NLM for the services rendered for the cause of Adult Education.

2011-12

6. Prof. Ciddi Veeresham and Prof. V. Ravinder were honoured with A. P. Scientist Award by APCOST.
7. Prof. V. Kishan was selected for the Pharmacy Teacher of the year Award by APTI, Punjab.
8. Prof. K. Katayani was felicitated with Gurajada Literary Award by A.P. Department of Cultural and T. Subbirami Reddy Lalitha Kalaparishad.
9. Prof. N. Rama Swamy was felicitated with Talented Biotechnologist Award at the Third International Conference in University of Colombo.
10. Prof. Banna Ailaiah was honoured with State level Award by Sahrudaya Sahitya Samskruthika Samstha for his book Kaluva Malliah-Telangana Janajeevitham.
11. Prof. N. Rama Swamy was elected Fellow of the Linean Societies of London in recognition of his outstanding research contribution in the field of plant sciences.
12. Prof. Banna Ailaiah was felicitated with the Palleru Swayam Prabha memorial literacy award for his outstanding contribution to Telugu literature as a poet and critic.
13. Prof. Banna Ailaiah was also honoured with Somanatha Samajika Sodhana Puraskaram by Somanadha Kala Peetham.
14. Prof. T. Srinivas was selected as Best Programme Co-ordinator for NSS by State Government

**2012-13**

15. Prof. B. Venkat Rathnam was conferred with the honorary rank of Colonel by APNCC for his outstanding contribution to Higher Education.
16. Prof. S. Srihari, Prof. K. Krishna Reddy and Prof. K. Sambaiah were honoured with the State Best Teacher Award.
17. Prof. Ghanta Ramesh was honoured with the National Literacy Mission Award.
18. Prof. N. Ramaswamy was honoured with the Talented Scientist Award.
19. Prof. Ch. Sanjeeva Reddy was honoured with the Prof. Navneeth Rao Best Teacher Award.
20. Dr. Y. Venkaiah was honoured with the Bharath Siksha Ratan Award.
21. Prof. K. Krishna Reddy was awarded the State Best Teacher Award.
22. Prof. G.V.Bhavani Prasad was awarded the State Best Teacher Award.

2013-14

23. Dr. B. Suresh Lal, Department of Economics was honored with Global Environmental Excellency Award, UG Presidential Voluntary Service award and Mother Teresa award for Community & Health Services.
24. Prof. N. Rama Swamy, Department of Bio-Technology was honored with Global Achievers award by Global foundation, Bangkok.
25. Prof. G. V. Bhavani Prasad, Department of Commerce & Business Management was honored with State award for teachers of excellence.
26. Prof. Ch. Sammaiah, Department of Zoology was honored with State award for teachers of excellence.
27. Prof. Syed Ayub Ali, Department of History & Tourism Management was honored with State award for teachers of excellence.
28. Prof. V. Malla Reddy, Department of Pharmacy was honored with Dr. G.P. Srivastava memorial Award – 2013
29. Prof. Ciddi Veeresham, Department of Pharmacy was honored with APCOST Best scientist award – 2011.
30. Prof. V Ravinder, Department of Chemistry, was honored with APCOST Best scientist award – 2011.
31. Dr. B Suresh Lal was honored with Best NSS Programme Coordinator Award.
32. Prof. K. Katyayani Vidmahe, Department of Telugu was honored with Sahitya Akademi Annual Award for the Year, 2013.

2014-2015

33. Prof. S Ram Reddy, Department of Micro-Biology was honored with Academy of Plant Sciences of India award.
34. Prof. Ciddi Veeresham, Department of Pharmacy was honored with SPER Eminent Teacher award.
35. Prof. N. Ramaswamy, Department of Bio-Technology was honored with Excellency in Research Award – 2014.



36. Dr. B. Sureshlal was honoured with US President's Call to service award by National Community Services, USA and Amarthya Sen Gold Medal Award.
37. Prof. Ch. Sanjeeva Reddy, Department of Chemistry was honored with State Award for Teachers of Excellence.
38. Prof. B. Digambar Rao, Department of Botany was honored with State Award for Teachers of Excellence.
39. Prof. K Kathyayani, Department of Telugu, was honored with State Award for Teachers of Excellence.
40. Prof. Ciddi Veeresham, Department of Pharmacy was honored with Dr. Manjusree Pal Memorial Award – 2014.
41. Prof. Ch. Sammaiah, Department of Zoology was honored with Environmentalist of the Year – 2014.
42. Prof. B. Ailaiah, Department of Telugu was honored with Pamulaparthi Sadashiva Rao Memorial Award, Komuram Bheem National award and Shri Soma Seetha Ramulu Award.

2015-2016

43. Prof. N. Rama Swamy, Department of Bio-Technology was honored with Outstanding Faculty Award – 2015 by Venus International Foundation, Chennai.
44. Prof. B. Ailaiah, Department of Telugu was honored with Madhurakavi Mothukuru Madhusudhan Rao Award.
45. Dr. B. Suresh Lal, Department of Economics was honored with Lifetime Achievement Award by UNEP, USA.
46. Prof. B. Ailaiah, Department of Telugu was honored with State Award for Teachers of Excellence.
47. Prof. Ciddi Veeresham, Department of Pharmacy, was honored with State Award for Teachers of Excellence.
48. Prof. V. Kishan, Department of Pharmacy was honored with State Award for Teachers of Excellence.
49. Prof. Ch. Sanjeeva Reddy, Department of Chemistry was honored with Indian National Science Academy – 2015.
50. Prof. B. Ailaiah, Department of Telugu was honored with Gurram Jashua 120th Birth Anniversary Puraskaram and PS Telugu University Prathibha Puraskaram – 2015.
51. Dr. Y. Venkaiah, Department of Zoology was honored with Dr. APJ Abdul Kalam Award by Marina Labs., Chennai and Dr. Ambedkar Fellowship National Award – 2015 by Bharathiya Dalitha Sahitya Akademi, New Delhi.
52. Dr. J. Laxman Naik, Department of Physics was honoured with Young Faculty award by Venus International, Chennai.

2016-17

53. Dr. Y Venkaiah, Department of Zoology was honored with distinguished Scientist award – 2016 by Venus International Foundation, Chennai.
54. Prof. Bhadraru Naik, Department of History & MHRM was honored with Global Teacher Role Model Award – 2016 by MVLA Trust, Hyderabad.



2.4.8. How many faculty underwent staff development programmes (SDPs) during the last four years (add any other programme if necessary)?

- As part of promoting excellence in teaching, the University makes continuous efforts in encouraging teachers to undergo training and development programmes.
- Table 2.9 shows the number of faculty who underwent Staff Development Programmes (SDPs) during the last five years.
- The academic development programmes are organized by various departments of Kakatiya University.

Table- 2.9
Staff Development Programmes (SDPs)

Sl. No.	Academic Staff Developmental Programmes	Number of Faculty
1	Refresher Courses	46
2	Orientation Programmes	49
3	HRD Programmes	6
4	Staff training conducted by the University	34
5	Staff training conducted by other institutions	14
6	Summer/Winter schools, workshops, etc.	8
7	Conferences and Seminars	116

2.4.9. What percentage of the faculty have

- Invited as resource persons in workshops/ seminars/ conferences organized by external professional agencies?
- Participated in external Workshops/seminars/conferences recognized by national/international professional bodies?
- Presented papers in workshops/seminars/conferences conducted or recognized by professional agencies?
- Teaching experience in other universities/national institutions and other institutions?
- Industrial engagement?
- International experience in teaching?

Table – 2.10
Percentage of Faculty as Resource Persons

Sl. No.	Participation	Percentage
1	Percentage of faculty invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies.	78 %
2	Percentage of faculty who participated in Workshops/Seminars/Conferences recognized by national/ international professional bodies.	88 %
3	Percentage of faculty who presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies	91 %
4	Percentage of faculty who have teaching experience in other Universities/ national institutions and other institutions	40 %
5	Percentage of faculty who have industrial engagement	27 %
6	Percentage of faculty who have international experience in teaching	10 %



2.4.10. How often does the university organize academic development programmes (e.g.: curriculum development, teaching-learning methods, examination reforms, content/knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?

Academic Development programmes are organized at regular intervals (half-yearly, yearly) for improving the resourcefulness of the faculty and staff of the university.

2.4.11. Does the university have a mechanism to encourage mobility of faculty between universities for teaching? and faculty exchange programmes with national and international bodies? If yes, how have these schemes helped in enriching its quality of the faculty?

Yes.

The senior teachers from Pharmacy, Physics, English, Microbiology, Education, Biotechnology, and Chemistry visit various universities to deliver lectures. To cite a few,

1. S.V. University, Tirupathi.
2. Acharya Nagarjuna University, Guntur.
3. Osmania University, Hyderabad.
4. Vikram Simhapuri University, Nellore.
5. Sathavahana University, Karimnagar
6. Sri Krishna Devaraya University, Ananthapur

2.5. Evaluation Process and Reforms:

2.5.1. How does the university ensure that all the stakeholders are aware of the evaluation processes that are in place?

- In the process of evaluation, the curriculum, syllabi and promotion rules are supplied to the students at the time of their admission.
- In the beginning of academic year itself, the schedule of examinations will be intimated to the Principal/Director, staff and students of the concerned college through the “Almanac” issued by the academic branch of the university in consultation with Heads of the Departments & Chairpersons, BOS.
- The chairperson, BOS of the respective subjects are involved in supervising the valuation process of different subjects while designing the curriculum and is printed in rules and regulations of the brochure brought out by Examination Branch.
- Moderation board comprising of Chairperson BoS and a senior teacher of the concerned department can make recommendations for moderation of marks, if required.
- They can also examine the marks awarded by concerned evaluators in the internal assessment and practical examinations and moderate, if required.

2.5.2. What are the important examination reforms initiated by the University and what extent have they been implemented in the University departments and affiliated colleges? Cite a few examples which have positively impacted the examination management system.

Some important examination reforms initiated by the university are as follows.

**Student Database:**

- The University maintains student profile which includes full name of the student, father and mother's name, date of birth, address, contact numbers, religion, caste, passport size photograph, signature, thumb impression, qualifying exams etc as a database.
- This information is augmented from the Principals of Undergraduate Colleges for UG courses, the Director, and Directorate of Admissions for PG courses and the Convener, EAMCET, ICET, EdCET, LAW CET etc., for professional courses.
- This resource will be useful for providing correct spellings of names and titles (as entered in SSC, Intermediate memo and degree memo) while issuing memorandum of marks, provisional and degree certificates.

Online system:**Online Examination form:**

- The University has introduced online submission of examination form from November 2012.
- The principal of the university/department and affiliated colleges upload the name and address of the student which include the scanned copy of photograph and signature on to a template available on the university website www.kuonline.co.in.
- This enables the University to reduce the time of processing of application form of the candidates and makes it error free.

Online-Hall ticketing:

- The Principal/Director downloads hall tickets using internet portals.
- Each college uses a user ID and password.
- This enables easy and quick receipt of hall tickets even in the remote areas.

Online Nominal Rolls & Attendance Statement:

- The chief superintendent of the examination centre downloads nominal rolls & attendance statement with photo identity.
- This helps the examination branch in knowing the actual number of candidates appearing for each subject.
- This enables branch to make proper arrangements like setting and printing of adequate number of question papers and seating arrangement.
- This practice also reduces malpractice (impersonation).

Online sessional marks & practical marks:

- The internal marks & practical marks are also obtained online from the University departments and affiliated colleges.
- This system has reduced malpractice and saved a lot of time in creating the data.

Online question paper:

- Online question paper was introduced for some courses.
- The question papers were sent to the chief superintendent/principal 10 minutes before the commencement of examination.

**Bar Coding:**

- Kakatiya University PG CET was conducted using OMR sheets.
- On experimental basis, answer scripts with bar coded OMR sheets were introduced for B.TECH. B.Ed. & B. Pharmacy 1st year examinations to reduce time and manual labour.

Data entry:

- The chief of the valuation board take the responsibility of entry of marks awarded by the examiners against the code number of the answer script immediately after valuation everyday to save time and avoid drudgery.

Question paper storage:

- The question papers were sent to nodal centres viz. Government Degree Colleges and Police Stations one or two days before the commencement of examination.
- Affiliated Degree Colleges located in remote places of Khammam, Adilabad and Warangal districts collect question papers 45 minutes before the commencement of examinations. This reduces instances of paper leak.
- After completion of the examination the answer scripts & attendance statement are preserved at nodal centres or police stations.
- The answer script bundles are collected by the examination branch on every alternate day and stored in strong room.
- This practice is safe and assures confidentiality and reduces the scope of malpractice.

Grading System for M.Tech.

Grading system is introduced for M.Tech students so as to comply with the specifications proposed by other Indian and foreign universities.

Recounting, Revaluation Examinations:

- For the benefit of the students who claim that they have secured less marks than expected, the recounting of marks awarded on answer scripts for B.Tech. & B.Pharm was in vogue till recently.
- However, the revaluation of the answer scripts by another evaluator is introduced in these courses, which was already in practice for all other PG & UG courses.

Instant & Supplementary Examination:

- To save the precious academic year of the UG students, who failed only in one paper of the final year/semester, the instant examination is conducted so as to enable them to complete the failed paper and get the degree in the same academic year.
- The results of the instant examination will be declared within a weeks' time.
- Those who have failed in more than one subject in the final year, the supplementary examination are conducted in the month of August.
- This system augurs well with all final year students of all the courses and received appreciation from the society.

**VISA processing:**

- After successful completion of professional course like B.Tech, B.Pharm, MBA, B.Ed. etc., the complete student database which includes marks sheets is submitted to the US embassy, Hyderabad through APSCHE, Hyderabad for taking on-spot decision during sanction of VISA to students seeking higher studies in USA.
- This is well appreciated by the students and as well as parents.

2.5.3. What is the average time taken by the University for Declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode/media adopted by the University for the Publication of examination results (e.g. website, SMS, email, etc.).

- The University semester examinations are held twice a year viz., March/April and October/November and annual examinations are held in the month April.
- The results of both the semester and annual examinations are published within 45 days from the last day of examination.
- Now the semester system is adopted in all the courses.
- The results are published during the week of June and January every year.
- The duration for declaration of results is for period of 45 days and around 25 days was allotted for valuation of answer scripts.
- So far, there has been no delay in the publication of results.
- The results are published through the website of the Kakatiya University- www.kakatiya.ac.in
- Results are published in the leading daily newspapers which are having large circulation in this area and also a hard copy of the results is sent to the respective departments and colleges.

2.5.4. How does the university ensure transparency in the evaluation process? What are the rigorous features introduced by the university to ensure confidentiality?

- The University has adopted the system of assigning code numbers to all the answer scripts to avoid malpractice.
- On completion of valuation of answer scripts, processing of results is done immediately.
- Boards of studies of respective departments conduct meetings and recommend the publication of results after thorough verification.
- The University provides photocopy of answer script to student who apply for revaluation and this enables students to know the pattern of marks awarded at the time of evaluation and also after revaluation.
- This transparency has received appreciation from the student community.

2.5.5. Does the university have an integrated examination platform for the following processes?

Yes



The university examination process has the following three distinct parts:

Pre-Examination Process:

- The system has been evaluated indigenously to have the data base of the students those who got admissions by assigning a number comprises the colleges, code, year of admission and roll number.
- The same number will be used as Hall ticket Number for examination till the student completes his/ her course.
- The database is used right from requesting for examination, issue of Hall tickets, collection of Answer Books, there coding and evaluation till the publication of results.
- This is updated and utilize till the candidate completes his/her course of study.
- Time table generation, Optical Mark Recognition (OMR), student list generators, invigilators, squads, attendance sheet and online/ gateway payment are processes involved in preparation for examinations.
- The University examination commences on statutory dates by giving 90 working days in a semester.
- The Time Table for all the degrees are drawn and published in the University website.
- Examination Process: The University is taking earnest efforts in introducing online gateway payment.
- For conducting examinations in affiliated colleges, the University appoints the Principal of the respective colleges or his/her nominee as Chief Superintendent of the examination centers and he/she will be given full powers to conduct the examinations.
- The Chief Superintendents have been empowered to appoint required number of invigilators for hall supervision and conduct of examination.
- The University appoints Additional External Chief Superintendent for all examination centers to assist the Chief Superintendent and also prevent malpractice.
- The University also appoints sitting squad and flying squads to make surprise visits to all the examination centers to curb malpractices.

Post-Examination process:

- With regard to processing of examination results, the University computerized the result processing system to make the publication of results error-free.
- Immediately after publishing the results, the mark sheets and provisional certificate are sent to the colleges for onward transmission to students.
- Students are permitted to apply for revaluation and re-totaling of their answer papers in the subjects of their choice.



The revaluation process:

- It begins with assigning of dummy numbers, inviting the examiners who have not valued the answer papers earlier for UG, PG & professional courses, whereas the answer scripts of UG courses will be sent to other universities for evaluation.

2.5.6. Have the university introduced any reforms in its Ph. D. evaluation process?

- The University has adopted the UGC [minimum standards and procedure for awards of M.Phil. /Ph.D., degree] regulations 2009.
- Research scholars have to undergo course work and take Pre-Ph.D. examination.
- The research scholar has to give two seminars, one within 6 months of registration and the second one before the submission of thesis.
- The research scholars have to publish at least one paper on the topic of research before submission of thesis in a peer reviewed journal.
- The thesis submitted by the research scholar will be evaluated by three adjudicators; one adjudicator from within the state and two adjudicators from outside the state.
- After receiving at least 2 positive reports the research scholar will face open Viva Voce in which the External examiner, the Dean, the Chairperson, BOS, HOD and all faculty members of the department and students can ask questions on the research topic.

2.5.7. Has the university created any provision for including the name of the college in the degree certificate?

No

- The university is not following the practice of including the name of the affiliated autonomous colleges in the degree certificate.
- In case of affiliated colleges, such provision not in vogue. The college can be identified on the basis of the registered number assigned to the student.

2.5.8. What is the mechanism for redressal of grievances with reference to examinations?

- If the student feels that the valuation is unsatisfactory, the student can ask for revaluation as per the existing provisions of the university examinations.
- The Dean of respective faculty with the permission of Vice-chancellor can call for all records (syllabus, question papers, attendance and answer scripts) of any course if there is any written or oral complaint or for random check.
- The Controller of Examination will accept the recommendations of the Dean/Departmental/Class Committee with respect to the final results.
- If a student is booked under malpractice by the squad, the student will be given notice for explanation before taking a decision by the results committee.

2.5.9. What efforts have been made by the university to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved the process and functioning of the examination division/section.

- The University introduced online registration of candidates for the examinations from year 2012.



- The University has also implemented the online uploading of practical and internal marks of the candidates for quick processing of results. Issuing of Hall-Tickets, appointment of Examiners for practical exams and observers for theory exams are made online.
- For obtaining Degree certificate of students there is provision under the Tatkal Scheme.

2.6 Student Performance and Learning Outcomes

2.6.1. Has the university articulated its Graduate Attributes? If so, how does it facilitate and monitor its implementation and outcome?

- Yes, most of the programmes offered by the University departments are professional and technical in nature.
- Internship, dissertation, industry projects and seminars are integral part of the syllabi of almost all academic programmes.
- Faculty members guide the students and monitor their performance.
- Through arranging weekly interaction sessions that the performance of the students is monitored by the faculty in their respective departments.
- The faculty in-charge carefully monitors performance and the regularity of attendance, participation in seminars and other activities.
- The University has evolved its own teaching, learning and assessment strategies as mentioned below in order to facilitate achievement of intended learning outcomes.
- Major quality enhancement measures have been undertaken in the teaching and learning process and modernized based on the requirement of curriculum and feedback from the stakeholders.
- Learning activity is facilitated through Internet and virtual learning centre.
- Projects and study tours and field trips, assignments are made part of the courses.
- Interaction between successful and well placed alumni with the students in the departments is encouraged.
- Subject experts deliver special lectures on recent trends and developments in their fields of expertise to the students.

2.6.2. Does the university have clearly stated learning outcomes for its academic programmes? If yes, give details on how the students and staff are made aware of these?

- Yes, the university has a clear vision to prepare human resources to meet the social needs and aims at making every student as an agent of social good in future.
- The Board of studies while designing a course programme clearly states the learning outcomes.

2.6.3. How are the university's teaching, learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?

- Keeping in view the learning outcomes, university is establishing link between teaching, learning and research strategies to monitor the academic programmes at regular intervals to ensure academic excellence.
- Modern teaching aids are employed in teaching and learning process.

**2.6.4. How does the university collect and analyse data on student learning outcomes and use it to overcome the barriers to learning?**

- This is done through student feedback on the performance of teachers.
- This is done by the IQAC wing of the University.
- The feedback is analyzed for improving the quality of teaching.
- The performance of teachers is communicated to the faculty through the Principal of the college concerned.

2.6.5. What are the new technologies deployed by the university in enhancing student learning and evaluation and how does it seek to meet fresh/future challenges?

- The students undergo field work, projects and internships to appraise themselves with the direct application of their knowledge and skill to real life problems.
- Video recording of student seminars to improve the teaching skills of students.

Language laboratories

- The language laboratories focus on computer aided multimedia instruction and language acquisition.
- The laboratory acts as a platform for learning, practicing and producing language skills through interactive lessons and communicative mode of teaching.

Internet Centres

The University operates Internet centres in all the departments. The internet centres are open to all the students of the University departments.

University Library system

- Many of the departments of the University have their own library collections.
- Computer based information services have been introduced.
- The main library of the University maintains a collection of print materials, e-resources on CDs and also subscribe to over 4000e-journals under UGCs INFONET programmes.

2.7. Quality Sustenance and Quality Enhancement Indicators

- Creation of a continuum of educational process utilizing modern teaching-learning resources.
- Initiation of measures to ensure equity and access to the disadvantaged and needy sections of students.
- University Research Fellowships
- Fee exemption/ waivers to differently-abled students, etc.
- Sustained growth in student enrolment especially women and deprived sections.
- Provision of online student registration, online entry of marks and online Ph.D application tracking systems.
- Complete academic audit through continuous course assessment and faculty self-appraisal.



CRITERION – III : RESEARCH, CONSULTANCY AND EXTENSION

3.1. Promotion of Research

3.1.1. Does the university have a Research Committee to monitor and address issues related to research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

Yes

- The research policy and its implementation for quality output are monitored by Director, research and development cell and Deans of different faculties.
- The whole research policy and its output including the quality of research is monitored by a team of 11 members consisting of Director, Research and Development, 8-Deans of Faculties and Coordinator/Director, IQAC as a member under the Chairmanship of the Vice-Chancellor.

The quality of research is monitored through the following;

- The scholars pursuing M.Phil or Ph.D have to present their work every six months before the Head, BOS Chairman, DRC (departmental research committee) and other faculty members of the respective departments.
- Ph.D scholars have to present two seminars in the department before submission of the thesis and also should publish at least one paper in a reputed journal.
- The university is strictly following the process of adjudication of the Ph.D thesis wherein one adjudicator is from within the state and two adjudicators are from outside the state. Three adjudicators will assess the work presented in the thesis.
- The university is also strictly dealing with the plagiarism in Ph.D theses and to detect plagiarism, software is being used by the examination branch.

3.1.2. What is the policy of the university to promote research in its affiliated/ constituent colleges?

- Every member of the faculty in constituent and affiliated colleges is encouraged to engage in research activities, and is supported in planning and executing research projects, right from the stage of making project proposals, obtaining project funding reporting and presenting the results.
- As per the rules and regulations, the university appoints inspection committee to study the infrastructural facilities and availability of qualified supervisors.
- Upon receipt of satisfactory report of Inspection Committee, the college concerned is permitted to conduct research.
- The University plays a pro-active role in encouraging colleges and college teachers to actively involve in research.

3.1.3. What are the proactive mechanisms adopted by the university to facilitate the smooth implementation of research schemes/projects?

The university has supportive attitude while implementing the research projects by the individual teachers following the rules and regulations prescribed.

- **Advancing funds for sanctioned projects**
Advancing funds is not in practice.
- **Providing seed money**



Yes, the university provides seed money to the teachers for carrying out research through DRS-SAP, FIST, DST, DBT, TSCOST, etc.

- **Simplification of procedures related to sanctions/purchases to be made by the investigators**

As per the sanctioned budget, principal investigator, in consultation with the Head of the department, can purchase any item of worth Rs. 20,000/- without the approval of purchase committee.

- **Autonomy to the principal investigator/coordinator for utilizing overhead charges**

Principal investigator is allowed to avail 50% of overhead charges in the sanctioned budget.

- **Timely release of grants**

The university releases the grants soon after receiving the sanctioned letter for the requirement to operate the project.

- **Timely auditing**

The university facilitates the investigator for auditing of accounts of each project by the state audit.

- **Submission of utilization certificate to the funding authorities**

Utilization certificate will be issued to the principal investigator on request for ongoing project after due verification of accounts and forward the same to funding agency for release of subsequent grants.

3.1.4. How is interdisciplinary research promoted?

- **Between/among different departments/schools of the university and**
- **Collaboration with national/international institutes/industries.**

- The University encourages and promotes inter-disciplinary teaching and research.
- The University is running nine interdisciplinary courses such as Bio-chemistry, Biotechnology, Microbiology, Business Management, Social Work, Human Resource Management, Gender Studies, Sericulture, Pharmaceutical sciences.
- Collaboration with other Universities and industries and institutes have been established to encourage inter-disciplinary research.

3.1.5. Give details of workshops/training programmes/sensitization programmes conducted by the university to promote research culture on campus.

Table - 3.1

List of Workshops/Training Programs/Orientation/Sensitization Programs

Sl. No.	Name of the Program & Date
1.	5 th national Conference on “ Applicable Mathematics in Wave Mechanics and Vibrations” 13 th - 15 th March, 2010
2.	Land Laws in India – Emerging Issues and Challenges, 26 th and 27 th March, 2010
3.	Two-Day National Seminar on “Democracy- India’s Experience” 25 th and 26 th March, 2010
4.	Two-Day National Seminar on “Gendering Indian Narratives”, 22 nd and 23 rd March, 2010
5.	Emerging Trends in Seri biotechnology
6.	Two-Day national seminar on “Political Economy of special Economic Zones (SeZs)” 25 th and 26 th October 2009
7.	Regional Inequalities in Andhra Pradesh, 17 th March 2010



8.	Two-Day National Seminar on “regional Backwardness vs Women’s development”, 19 th and 20 th March 2010
9.	Two –Day National Seminar on Non-Governmental Organizations and Development in India: Experiences, Issues and Challenges.
10.	Two-Day National Seminar on Gender & Drought” 22 nd 23 rd March, 2010
11.	Two-Day National Seminar on “Plant Sciences in Human Welfare, 3 rd and 4 th March 2010
12.	One-Day seminar on “Kaloji jeevitam Sahityam: Prajaswamika Viluvu “ 23 rd February 2010
13.	Two-Day national seminar on “Buddhism-World Harmony and Peace”, 12 th and 13 th September, 2009
14.	One-Day symposium on “Telangana State formation-issues and challenges” 25 th February 2010
15.	One day Symposium on “Union Budget 2010” on March 15, 2010
16.	Two-Day national seminar on “Emerging Dimensions of Dry lands farming” 20 th and 21 st March 2010
17.	Two-Day national seminar on “Emerging Trends in Animal Bio-Technology” 26 th and 27 th March 2010
18.	Two-Day national seminar on “Microbiol Diversity- Exploration & Bioprospecting” 27 th and 28 th March 2010
19.	National seminar on “Telangana Samajika, Samskruthika Sahitya Udyamalu” 27 th -29 th March 2010
20.	Two-Day national seminar on “Telangana Telugu Katha” 15 th and 16 th September 2009
21.	Two-Day national seminar on “Koducatiganti Kutumba Rao” 2 nd and 3 rd November 2009
22.	National Conference on “Green Chemistry-An Innovation To Sustainable Development” 29 th and 30 th March 2010
23.	Training programme on Microprocessors, Microcontrollers and Digital Communications for PG Teachers, 2010.
24.	UG Teachers refresher course, 7-14 July, 2009.
25.	National Seminar on Environmentally benign Synthetic Methodologies, 9-10 March, 2009.
26.	International Conference on “Biotechnology: A Global Scenario” Nov 2 nd & 4 th 2010
27.	National seminar on emerging trends on sustainable polymer chemistry.
28.	National seminar on Corporate Governance in India March 30&31, 2011
29.	Workshop on Empowerment of Women-Role of SHGs & MFIs; Issues, Challenges and Remedies Dec., 2010 & Feb, 2011
30.	National seminar on Inclusive Growth and Employment Perspective: Focus on NREGS (UGC,SAP-DRS-II) March, 2011
31.	UGC National Seminar, 2010
32.	National seminar Regional Identities in South India- A Case of Telangana, 21 st & 22 nd March, 2010
33.	1) Training Programme on Mathematical Programming and Advanced Analysis for PG Faculty of Affiliated colleges of KU 2) One Day Departmental Conference on Multiple Integrals (Paper-III of B.Sc. Mathematics) for UG Faculty of Affiliated colleges KU
34.	5-day training Programme on Microprocessor, Microcontrollers and Digital Communications For PG Teacher 13 th to 17 th July, 2010
35.	Five-day training Programme for under Graduate Teachers in Physics 19 th to 23 rd Oct, 2010
36.	Two-day workshop on “Nanoscience and Nanotechnology”, 2010.
37.	Telugu Nandanam -(Students Seminar) 2010-2011
38.	Two-day Work Shop on “Biological Application of Computers and Bioinformatics” 6 th & 7 th October, 2010
39.	Five-day Work Shop on “Tools and Techniques in Biology” 10 th and 15 th December, 2010.
40.	National Seminar on Design Eco-polymers for Universal sustenance, 30-31 March, 2011.
41.	Workshop for Zoology Teachers on Revised Syllabus of UG courses from February 2-5, 2011.
42.	Training Program on “Mathematical Programming and Advanced Analysis” for PG Teachers from April 8-11, 2011.
43.	A three day national workshop on "Research Methods in Science" on July 26, 2011
44.	A three day workshop on Medicinal Chemistry for X semester students from December 22-23,



	2011
45.	A Two day workshop on "Advanced Techniques in Plant Science" on December 12-13, 2011.
46.	A one Week Training Programme for NSS Programme Officers from December 11-16, 2011.
47.	A One day workshop "Computer Applications in English Language Training and literary research" on 2.9.2012.
48.	A Two Day workshop on "Uses of Recombinant DNA technology in Modern Health Care" on 30.11.2012, 1.12.2012.
49.	A One Day Workshop on "Number Theory" on 23.12.2012.
50.	A one day workshop on "Entrepreneurship: Personality Development For Success In Life" on February 13, 2012
51.	A three day training programme on "Use of Computers in Teaching and Research in Economics" from March 21-23, 2012.
52.	A two day national workshop on "Advanced Practical Techniques in Animal Sciences" on 30th - 31th 2012.
53.	Third Phase Training Programme to P.G. Teacher of Affiliated Colleges on April 25th, 2012.
54.	A one day workshop on Golconda-"Kohinoor-Kakatiya" on April 30, 2012.
55.	A three day workshop on "Research Methodology" from May 2-5, 2012.
56.	A one day workshop on "Entrepreneurship: Personality Development For Success In Life" on February 13, 2012.
57.	A one day national workshop on "Graph Theory and Statistics" on February 28 -29, 2012.
58.	A three day training programme on "Use of Computers in Teaching and Research in Economics" from March 21-23, 2012.
59.	Third Phase Training Programme to P.G. Teacher of Affiliated Colleges on April 25th, 2012.
60.	A one day workshop on Golconda-"Kohinoor-Kakatiya" on April 30, 2012.
61.	A One day workshop "Computer Applications in English Language Training and literary research" on 2.9.2012.
62.	A Two Day workshop on "Uses of Recombinant DNA technology in Modern Health Care" on 30.11.2012, 1.12.2012.
63.	A One Day Workshop at Arts & Science College on "Journey from NAAC Accreditation to Reaccreditation: A SWOT Analysis" on January 21, 2013.
64.	A 14- Day Technical Training for Non-Teaching Staff from August 24, 2013.
65.	A Three Day Orientation Programme on "B.Ed. Model Curriculum 2013" from December 21-23, 2013
66.	A Two Week Workshop on "Capacity Building Programme for Faculty in Social Sciences" from January 16-31, 2014.
67.	A One Day Workshop on "Defence Electronics" on February 5, 2014.
68.	A Two Day UGC National Workshop on "Research Methodologies and Issues in Computer Science and Information Technology" from March 27-28, 2014.
69.	A Ten Day Training Programme on "IT Empowerment IT Champion" to University Teachers from April 1-10, 2014.
70.	A One Day Training Programme on "Career Training Development" on September 25, 2014.
71.	A One Week Orientation Programme for Young Teachers from Universities in Telangana by IQAC from December 15-22, 2014.
72.	A Three Day Orientation Course on "Research Methods in History" from January 11-13, 2015.
73.	A Two Day National Workshop on "Prospects and Perspectives of Mineral Resources in Telangana State, India" on March 30-31, 2015.
74.	One Day Orientation Programme for Coordinators of Study Centres of SDLCE on September 7, 2015.
75.	A One Day Workshop on Skill Development of TASK (Telangana Academy for Skill and Knowledge) on September 30, 2015.
76.	A Two day Orientation-cum-Workshop on the B.Ed. Two Year Curriculum 2015 on January 11-12, 2016.
77.	A One Day Workshop on "Robotics" on January 22, 2016.
78.	A Two Day Workshop on "Information Literacy and Scholarly Publishing" on March 19-20, 2016.
79.	A Two Day Workshop on "Application of Quantitative Techniques in Economics" on March 28, 2016.



Table - 3.2
Details of the academic trips to foreign countries by the faculty

Sl. No.	Name and Designation	Department	Name of Conference etc, attended with dates/duration
2009-10			
1	Dr. G. Dayakar Professor	Chemistry	International Congress on Heterocyclic Chemistry - August 2 – 7, 2009
2	Dr. T. Krishna Kanth Professor	Political Science	IPSA World Congress – Global Discontent? Dilemmas of Change - July 12 – 16, 2009
3	Dr. K. Seetharama Rao Professor	Public Admn HRM	9 th International Conference - June 24 – 27, 2009
4	Dr. M. Ashok Kumar Professor	Economics	The Hawaii International Conference on Social Sciences - June 4 – 7, 2009
5	Dr. C. Veeresham Professor	Pharmacy	AAPS Annual Meeting – 2009 - November 8 – 12, 2009
6	Dr. Y. Pameela Devi Professor	Zoology	TWAS Regional Conference held at Malaysia 2 – 5, November, 2009
2010-11			
1	Mr. L.P. Raj Kumar Assistant Professor	KU Engineering College	San Francisco USA WCECS 2010, October 20-22, 2010
2	Dr. V. Kishan Professor	Univ. College of Pharmaceutical Sciences	New Orleans, USA, AAPS Meeting and Exposition 2010
3	Dr. N. Ramaswamy Professor	Biotechnology	St. Lious USA, Plant Biotechnology, June 6 – 11, 2010
4	Dr. B. Suresh Lal Assistant Professor.	Economics	Orlando USA, Society and Information Technologies : ICSIT 2010, April 6 – 9, 2010
5	Dr. N. Vijaya Professor	Economics	Karlsruhe, Germany, Developing Human Capital for Sustainable Economics, May 27 - 28 2010
6	Mr. E. Hari Krishna Assistamt Professor	KU Engineering College	Malaysia, 2010 IEEE-EMBS Conference, Nov. 30 th to Dec. 2 nd , 2010
7	Dr. M. Estari Assistant Professor	Zoology	ICMIB – 2011, China, January 14-15, 2011
8	Sri K. Punnam Chander Assistant Professor	University College of Engineering	International Conference *Information and computer Applications (ICICA – 2011), Dubai March 18 – 20, 2011
9	Dr. P. Varalaxmi Assistant Professor	University PG College, Khammam	ICIF 2010, Nepal, December 2 – 3, 2010
10	Prof. G. V. Bhavani Prasad	Commerce and Business Management	Central Michigan University, Pt. Pleasant, Michigan, USA under the Faculty Exchange Programme.
2011-12			
1	Dr. T. Yadagiri Rao Professor	Public Admin. & HRM	2011 International Congress of IIAS, Switzerland / July 4 – 8, 2011 / 5 days
2	Dr. A. Seetaram Naik Professor	Botany	Society of In Vitro Biology, USA / June 4 – 8, 2011 / 5 days
3	Dr. Ramesh Ghanta Professor	Education	JVET 9 th International Conference: Worcester College Oxford, London / July 8 – 10, 2011 / 3 days
4	Dr. K. Venkat Narayana Professor	Economics	2 nd European Research Conference on Microfinance / Groningen, Netherlands / June 16 – 18, 2011 / 3 days
5	Dr. K. Jaganmohan Reddy Professor	Botany	Society of In Vitro Biology, USA / June 4 – 8, 2011 / 5 days
6	Dr. B. Venkatram Reddy	Physics	66 th International Symposium on Molecular



			Spectroscopy (ISMS), Ohio State University, Columbus, USA, June 20-24, 2011
7	Dr. R. Mallikarjun Reddy Assistant Professor	Geology	Asia Oceania Geosciences Society-2011 Conference, Taipei, Taiwan / August 8 – 12, 2011 / 5 days
8	Dr. K. Katyayani Professor	Telugu	18 th TANA Sahitya Sabha, USA / July 1 – 3, 2011 / 3 days
9	Dr. D. Rajendra Prasad Professor	Education	Society for Information Technology and Teacher Education (SITE) International Conference 2012, USA / March 5 – 9, 2012 / 5 days
2012-13			
1	Prof. R. Ram Reddy	Public Admn	ILERA 16 th World Conference on Beyond the Borders : Governance of Work, Philadelphia, USA July 2 – 5, 2012
2	Prof. N. Rama Swamy	Biotechnology	4 th International Conference on Medicinal Plants and Herbal Products, USA September 6 – 8, 2012
3	Dr. M. Prabhakar	English	ACS and CESA Annual Conference entitled Ethnic Identity Formation and Change in Canada and Abroad, Ontario, Canada November 23 – 24, 2012
4	Dr. A. Hari Prasad	Political Science	International Journal of Arts and Sciences (IJAS), USA May 27 – 31, 2012
5	Prof. M. Rajeshwar	English	the 6 th Annual South Asia Conference, USA April 12 to 15, 2012
6	Prof. T. Ravinder Reddy,	Zoology	Environmental Sciences and Technology, USA - June 25 – 29, 2012
7	Prof. T. Jyothi Rani,	Economics	Greater Washington Telugu Cultural Society , USA - July 8th & 9th, 2012Vedukalu
8	Prof. Khaja Althaf Hussain	Physics	International Conference on Advances in Material Sciences & Engineering 2012, Thailand - September 27 – 28, 2012
2013-14			
1	Prof. B.R. Shyamala Devi	Economics	Are village issues linked with global changes? Action research paper based on data collected from several villages in Andhra Pradesh, India, 2013 Society for Economic Anthropology Annual meeting “Inequality”, St. Louis, USA - April 11 – 13, 2013
2	Prof. T. Satyanarayana	Public Admn.	Universalisation of Primary Health Care Policy : A Study in Rural Andhra Pradesh, Intellect Base Academic Conference, Nashville, USA - May 23 – 25, 2013
3	Prof. G. Damodar	English	Telangana Telugu and American English : The Classic Touch,, 16 th Italian Conference on the History of the English Language , Italy, May 30 – June 1, 2013
4	Prof. N. Ramnath Kishan	Education	Teacher Effectiveness in Relation to Stress and Coping Strategies in Teaching, Chicago International Conference on Education, Chicago, USA June 3 – 4, 2013
5	Prof. N. Vijaya	Economics	Mainstreaming of Micro Finance in India- An Imperative, 3 rd European Research Conference on Microfinance, Norway June 10 – 12, 2013
6	Dr. A. Venkateshwar Rao	Biotechnology	Genetic Engineering of Fruit Rot Disease Resistance in Capsicum annuum L Using Defensin gene (TvD1) Through Stable Plastid Transformation, 2013 In Vitro Biology Meeting, Rhode Island, USA June 15 – 19, 2013
7	Dr. K. David	Geology	Palaeoproterozoic Alkaline Magmatism in the



			Dharwar Craton of Peninsular India, AOGS 2013 10 th Annual Meeting and Geosciences World Community Exhibition, Brisbane, Australia June 24 – 28, 2013
8	Prof. Y. Prameela Devi	Zoology	A Study on Antioxidant Activity of Some Commonly Used Spices in India, Food Science and Nutrition, London July 8 – 9, 2013
9	Prof. K. Manuja Devi	Economics	Malnutrition and Tribal Children Survival – An Empirical Study in India, 17 th World Congress of International Union of Anthropological and Ethnological Sciences, United Kingdom, August 5 – 10, 2013
10	Prof. B. Venkata Ratnam	Vice- Chancellor	Association of Commonwealth Universities London, Oct., 16-18-2013
11	Dr. R. Mallikarjun Reddy	Geology	125 th Anniversary of Geological Society of America, Denver, USA, 27-30 Oct., 2013
12	Prof. Ch. Sammaiah	Zoology	Global Conference on Entomology – 2013, Sarawak, Malaysia, 08-12 Nov., 2013
13	Prof. M. Rajeshwar	English	International Conference on Languages – 2013 University Sultan Zainal Abidin, Malaysia, 16-17, Nov., 2013
2014-15			
1	Prof. P Krishnama Chary	Commerce & Business Mgt.	International Conference on Innovations & on roads in Commerce, Management and Technology in the Global Arena, University of Mumbai, Feb., 6-7-2014
2	Prof. G V Bhavani Prasad	Commerce & Business Mgt.	International Conference on Innovations & on roads in Commerce, Management and Technology in the Global Arena, University of Mumbai, Feb., 6-7-2014
3	Dr. P. Vara Laxmi	Commerce & Business Mgt.	International Conference on Innovations & on roads in Commerce, Management and Technology in the Global Arena, University of Mumbai, Feb., 6-7-2014
4	Prof. V Kishan	Pharmacy	AAPS – 2014 : National Biotechnology Conference, San Diego, California, USA, 18-20, May 2014
5	Prof. G Venkateshwar Rao	Chemistry	American Chemical Society Norm-2014, USA, June 22-25, 2014
6	Dr. Suresh Lal	Economics	The Asian Symposium on Water, Sanitation and Hygiene, Hiroshima, Japan, Aug., 27-29, 2014
7	Dr. Suresh Lal	Economics	International Conference on Asia Policy Conference on Management and Business, Seoul, South Korea, Aug., 30-31, 2014
8	Ms. B. Radhika Rani	Library & Information Science	1) International conference on sustainability of digital libraries, JNTU, Hyderabad, Sep, 25-27, 2014 2) International conference on the convergence of libraries, Archives and Museums, Indira Gandhi National Centre for the Arts, New Delhi, Nov., 27-29-2014
9	Prof. K. Seetharama Rao	Public Administration	10 th International conference on Public Administration. University of Electronic Science and Technology of China, 24-26 Oct, 2014
10	Prof. T. Yadagiri Rao	Public Administration	Second International conference on Advances in Social Science, Economics and Management Study – 2014. University of Birmingham, U.K., 16-17, Nov., 2014
11	Prof. B. Venkata Rathnam	Commerce &	VIII conference International Guide YV Symposia



		Business Mgt.	De Education Y Communication, Aracaju, Brazil , Nov., 19-21, 2014
12	Dr. Y. Venkaiah	Zoology	World Biodiversity Congress 2014, Colombo, Nov., 24-27, 2014
13	Prof. P. Krishnama Chary	Commerce & Business Mgt.	The Innovation Leaders Forum – 2015, Washington, USA, Feb., 26, 2015
14	Prof. T. Ramesh	Sociology	1) The Innovation Leaders Forum 2015, Washington, USA, Feb., 26, 2015 2) International Conference on Social Sciences & Humanities, Harvard University, Boston, USA, May, 26-30, 2015
2015-16			
1	Prof. M. Rajeshwar	English	1) International Conference on Intellectual Competence in Communication & Education, Kualalumpur, Malaysia, April, 7-15, 2015 2) 9 th International Convention of Asia Scholars (ICASA) Australia, July, 5-15, 2015
2	Dr. T. Dayakar Rao	History & TM	International conference on Social Sciences & Humanities, Harvard University, Boston, USA, May, 26-30, 2015
3	Dr. R. Meghana Rao	English	International conference for Teaching and Education, Harvard Medical School, Boston, May, 26-30, 2015
4	Prof. B. Digambar Rao	Botany	5 th International Conference on Algal Bioman, Bio fuel and Bio products, San Diego, USA, June, 7-10, 2015
5	Prof. K Katyayani	Telugu	TANA conference, Detroit, USA, July, 2-4, 2015
6	Prof. T Srinivasa Rao	Commerce & Business Mgt.	Third Asia Pacific Conference on Global Business Economics, Finance & Banking, Singapore, July, 16-17, 2015
7	Dr. R. Mallicarjun Reddy	Geology	Department of Geo Sciences, Princeton University, New Jersey, USA, July 27, August 17, 2015
8	Prof. N Ramnath Kishan	Education	International Education Conference – 2015, New York, USA, August, 2-6, 2015
9	Dr. V Krishna Reddy	Botany	International conference on Biotechnology for better tomorrow, Florida Agricultural Research, Florida, USA, Oct., 29-31, 2015
10	Prof. P Malla Reddy	Mathematics	103 rd Indian Science Congress Universities of Mysore, Mysore, Jan 3-7, 2016
11	Prof. V. Kishan	Pharmacy	3 rd International conference on Nanotechnology in Medicines, Manchester, UK., Nov., 23-25, 2015
12	Dr. P. Varalaxmi	Commerce & Business Mgt.	International conference – 2015, Global convergence of Management Education and Practices, Nov, 25-26, 2015
13	Dr. B. Venkatram Reddy	Physics	XXVII IUPAP conference on Computational Physics, IIT Guwahati, Dec, 2-5, 2015
14	Prof. M. Rajeshwar	English	Changing Socio-Economic Dynamics in Sri Lanka: Context, Cultures and Imaginations, University of Colombo, Dec., 3-4, 2015
15	Prof. D. Rajendra Prasad	Education	International Conference on Education and Social Studies, Singapore, Feb., 18-20, 2016
16	Dr. G Hanmanthu	Chemistry	International Conference on Mathematics, Physics & Allied Sciences – 2016, Goa, March, 3-5, 2016
17	Dr. B. Sureshlal	Economics	International Conference on Women Studies & Social Sciences – 2016, Goa, March, 3-6, 2016
18	Dr. T. Manohar	History & TM	1) Global conference on Social Sciences, Bangkok, Mar., 3-10, 2016 2) International conference on trends in social sciences and humanities, Istanbul, Turkey,



			June, 4-5, 2016
19	Dr. G. Veeranna	Political Science	1) Global conference on Social Sciences, Bangkok, Mar., 3-10, 2016 2) International conference on trends in social sciences and humanities, Istanbul, Turkey, June, 4-5, 2016
20	Ms. D. Radhika Rani	Library & Information Science	International conference on Big data and Knowledge Discovery, Bangalore, Mar, 9-11, 2016
2016-17			
1	Prof. T. Ravinder Reddy	Zoology	World Environmental and Water Resources Congress – 2016, Florida, USA, May, 22-26, 2016
2	Dr. J. Laxman Naik	Physics	International conference on Material science and Technology, Kottayam, Kerala, June, 5-8, 2016
3	Dr. G. Shamitha	Zoology	International Statistical Ecology Conference – 2016, Washington, USA, June 28 – July 1, 2016
4	Dr. A. Hariprasad	Political Science	24 th World Congress of Political Science, Poland, July, 23-28, 2016
5	Prof. K. David	Geology	35 th International Geological Congress – 2016, South Africa, Aug, 27- Sept.4, 2016
6	Dr. R. Mallikarjun Reddy	Geology	35 th International Geological Congress – 2016, South Africa, Aug, 27- Sept.4, 2016
7	Dr. B. Suresh Lal	Economics	International symposium on Education and Social Sciences, Singapore, Sept 13-15, 2016
8	Dr. G. Veeranna	Political Science	International symposium on Education and Social Sciences, Singapore, Sept 13-15, 2016

3.1.6. How does the university facilitate researchers of eminence to visit the campus as adjunct professors? What is the impact of such efforts on the research activities of the university?

- The University hosts the visit of internationally renowned professors within and foreign countries.
- University always bears the local hospitality expenses for such visitors.
- Several internationally distinguished Professors visited the University in the last few years; the names are listed below in Table 3.3.

Table - 3.3
List of Overseas Academicians during the Assessment period

Sl. No.	Name of the Visitor	Department Visited	Purpose of visit
1	Prof. MGK Jhones , Australia	Biotechnology	Research
2	Prof. RG. Heremen, Germany	-do-	Research
3	Prof. Autar mattu, USA	-do-	Research
4	Prof. Jaya deep Mathur, Canada	-do-	Research
5	Prof. J Hille, Netherlnads	-do-	Research
6	Prof. HU, HU Koop, Germany	-do-	Research
7	Dr. Gsaretzki, UK	-do-	Research
8	Prof. Thomas Von Zglinicki, (UK)	-do-	Research
9	Prof. Gabriele Saretzki (UK)	-do-	Research
10	Prof. Jean-Christophe Aude (France),	Biotechnology	Research
11	Prof. Elena Fabiano (Uruguay),	Biotechnology	Research
12	Prof. Ali Akbar Ehsanpour (Iran)	Biotechnology	Research
13	Prof. E.T. Puttaiah, Vice-Chancellor, Gulbarga University	Biotechnology	Research
14	Prof. Dorothea Bartels, University of Bonn, Germany,	Biotechnology	Research
15	Prof. Peter Medgyesy Ireland	Biotechnology	Research



16	Prof. Susanne S. Renner, Germany, Prof. Jaques Hille, Netherlands	Biotechnology	Research
17	Prof. Ali Akbar Eshanpour, Iran	Biotechnology	Research
18	Dr. Someshwar, USA, Prof. Mittapalli Omprakash, USA.	Biotechnology	Research
19	Prof. W. Gruissem, Switzerland	Biotechnology	Research
20	Prof. Colin W.G. Fishwick of University of Leeds, U.K.	Pharmacy	Research
21	Prof. Jorg Kreuter, Goethe University, Frankfurt, Germany	Pharmacy	Research
22	Prof. Jagath Kanwar, Deakin University, Australia	Pharmacy	Research
23	Dr. Sevilla Leowinata (Italy)	ERAMUS project	Evaluation
24	Ms. Signora Bianaca Buttiglione and Ms. Signora Silvia Carosso (Italy)	-do-	Evaluation
25.	Prof. Monica Holmes, CMU, USA	Commerce & BM	Research
26	Prof. Mark Poindexter, CMU, USA	Commerce & BM	Research
27.	Prof. MGK Jones, Murdoch University, Western Australia	Biotechnology	Conference
28.	Prof. Laszlo Szabados, BRC, Szeged, Hungary	Biotechnology	Conference
29.	Prof. Sonam Tashi, Bhutan,	Biotechnology	Conference
30.	Prof. Ali Akbar Ehsanpour, Iran	Biotechnology	Conference
31.	Dr. Martina Silber, Germany	Biotechnology	Conference
32.	Dr. Zeng Xiangyu, China	Public Administration	Conference
33.	Prof. J N Reddy, USA	Mathematics	Conference
34.	Prof. Romuald Rzakowski, Poland	Mathematics	Conference
35.	Dr. Anirbon Bandopadhyay, NIMS, Japan	Mathematics	Conference
36.	Prof. PK Choudhury, University Kebangsaan, Malaysia	Mathematics	Conference
37.	Prof. L N Joseph, USA	Mathematics	Conference
38.	Dr. K Yugandhar ESPN, Software Professional, CT, USA	Mathematics	Conference
39.	Prof. Francisco, J.L.Aragav, Brazil	Biotechnology	Research
40.	Prof. DSouza Jr. Brazil	Biotechnology	Research

3.1.7. What percentage of the total budget is earmarked for research? Give details of heads of expenditure, financial allocation and actual utilization.

- University budget is earmarked to promote teaching and research. This includes non-plan expenditure on the salary of teachers, technical assistants, non-teaching staff, purchase and maintenance of equipments for teaching and research departments and infrastructure development. It is hard to disentangle the total budget amount into teaching and non-teaching activities of the University.
- The plan account of the University budget is exclusively meant for research and it is the fund generated from outside the University sources such as UGC, Government of India, international agencies and consultancy projects for the industry.
- Rs. 8.0 lakh is allotted for research activities in budget. It is utilized by the departments through the Deans of Faculty concerned.
- Rs. 4.0 lakh is provided per year in the budget for publication of Book by faculty and Rs. 8.0 is allocated per year in the budget for attending conferences in abroad.
- The departments are recognized by UGC under SAP and DST-FIST programmes and receiving grants for strengthening infrastructure and research.
- Majority of the teachers are receiving financial support from UGC, CSIR, DST, DBT, DRDO, ICSSR, ICHR, etc., to carry out quality research.



3.1.8. In its budget, do the university earmark funds for promoting research in its affiliated college

➤ No

The following are some of the research centres recognised by the University.

1. Kakatiya institute of science and technology, Warangal
2. Chaitanya Degree & P.G College, Warangal
3. Chandra Kantha Memorial Degree College, Warangal
4. Lalbahadur Degree and PG College, Warangal

3.1.9. Does the university encourage research by awarding Post-Doctoral Fellowships/ Research Associate ships? If yes, provide details like number of students registered, funding by the university and other sources?

No

University does not award the post-doctoral fellowships and research associate ships. However it encourages the research scholars to apply for the fellowships with national and international agencies. There are post-doctoral fellows working in the University whose fellowships are funded by other agencies like UGC, ICSSR, and DST etc.

Table – 3.4
List of the Post-Doctoral Fellowships

Sl. No	Name of the Department	Name of Funding Agency	Year	Number of P.D.F ^s
1	History	ICSSR	2012-13	06
2	Economics	ICSSR	2012-13	05
3	Public Administration	ICSSR	2013-14	04
4	Political Science	ICSSR	2013-14	01
5	History	ICSSR	2013-14	02
6	Pharmacy	UGC	2014-15	01
7	Bio-Technology	UGC	2011-12	01
			2014-15	01
			2015-16	01
8	Public Administration	ICSSR	2015-16	02
9	Commerce and Business Management	ICSSR	2015-16	02
10	History	ICSSR	2015-16	01
11	Botany	UGC	2015-16	04

3.1.10. What percentage of faculty have utilized the sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the university monitor the output of these scholars?

(i) Sabbatical leave and Study leave for professors

- About 4% of the Teachers availed sabbatical leave for pursuit of higher research in other universities and these teachers submit detailed report on their work and future plans.
- It permits faculty members to pursue higher research availing FIP, QTP and TEQUIP etc.



(ii) Funding for participating in conferences and seminars with in the country and abroad

- Faculty members are encouraged to attend seminars and conferences, within the country, or abroad, and are sanctioned on duty leave for the purpose.
- The University meets 50% of the expenses related to participation in conferences/seminars as per UGC norms.

(iii) Autonomy in executing research projects

- Complete academic autonomy is granted to faculty in proposing and executing projects, as well as with a great deal of financial autonomy.
- Equipment purchase decisions are made essentially by respective faculty members along with their peers with the administrative staff playing a statutory supervisory role.
- The institutional overheads attached to most projects is partly (50%) provided to the investigator or department for non-budgeted contingencies that may arise in connection with the project.
- Evaluation of the performance of a department or individual faculty member is based mainly on the respective research contribution.

3.1.11. Provide details of national and international conferences organized by the university highlighting the names of eminent scientists/scholars who participated in these events.

- All the University departments conduct seminars, conferences and workshops at various levels – regional, national and international.
- The University advances seed money to the departments for initial organizational expenses.
- For the last five years the University Departments have organized 55 seminars /conferences.

Table 3.5
Conferences / Seminars Organized

Sl. No.	Department	Name of the Programme & Date
2009-10		
1	Economics	Globalization-Environmental Issues & Challenges, 2009.
2	History	National Seminar on 1857-the role of peasants, artisans, servicing castes, tribal's and women, 7-8 March, 2009
3	History	National Seminar on Regional Identities in South India-The case of Telangana, 21-22 March, 2010
4	Economics	Emerging Dimensions of Dry land Farming, 2010
5	Microbiology	National Seminar on Recent trends in Molecular Microbiology and Microbial Technology, 22-24 January, 2009
6	Mathematics	National Conference on Applicable Mathematics in Wave Mechanics and Vibrations, 13-15 March, 2010
7	Microbiology	National Seminar on Microbial Diversity-Exploration @ Bioprospecting, 27-28 March, 2010.
8	Public Administration	National seminar on "Governance and Rural Resources in India: Experiences and emerging concerns", 2010.
9	Public Administration	Two-Day National seminar on "Non Governmental Organizations and development in India: Experiences, Issues and challenges 2009



10	Public Administration	Symposium on “Recent Trends in HR and Challenges 2010.
11	Zoology	National Seminar on “Recent trends in Animal Sciences” – 12 th to 13 th March, 2009.
12	Zoology	National seminar on “Emerging trends in animal biotechnology”- 26 th to 27 th March, 2010
2010-11		
1	Biotechnology	International Conference on Biotechnology – A Global Scenario, 2-4 th November, 2010
2	Pharmacy	International Conference on Recent Advances in Drug Discovery, 22-24 October, 2010
3	Economics	Inclusive Growth and Empowerment Perspectives/Focus on NREGS, 2011
4	History	National Seminar on Regional Identities and Nation Building Focus on Telangana Movement, 21-22 March, 2011
5	Microbiology	National Seminar on Recent trends in Microbial Technology, 26-27 March, 2011
6	Public Administration	National seminar on “Gender Challenges and Opportunities in India” 2010.
7	Public Administration	National seminar on “Gender and Agriculture 2010.
8	Telugu	National Seminar on Kakatiya Samrajyam : Sahityam – Kalalu – Samajam, 2009
9	Telugu	National Seminar on Telangana Samajika Samskruthika, Sahitya udyama, 2010
2011-12		
1.	Botany	2 days workshop on advanced techniques in plant sciences for P.G. teachers 12-13 th December, 2011
2.	Botany	National Conference on “Plant Sciences in Human Welfare” 29 th -30 th March, 2012
3.	Chemistry	Designing Eco- Polymers for universal sustenance 30 th and 31 st March, 2012
4.	Chemistry	Chemistry Human well being
5.	Commerce & Business Mgt.	All India Commerce Conference 9 th and 11 th November, 2012
6.	English	Multiculturalism in Indian Literature 19 th and 20 th March, 2012
7.	Geology	The role of Diamonds and Dynasties (Kakatiya Koh-I-Noor) - the future status of Golconda (Work Shop, Expert lectures by Prof.V.Madhavan).
8.	History	National Seminar Regional Identities in South India – A case of Telangana 21 st and 22 nd March 2012 organized by Department History and Tourism Management, KU, Wgl., under SAP(DRS-I) UGC Program.
9.	History	Regional Identify and Nation Building in India “ (Focus on Telangana Movement) organized by Department History and Tourism Management, KU, Wgl. under SAP (DRS-I) UGC Program.
10.	Mathematics	Training Programme on Mathematical Programming and Advanced Analysis for PG Faculty of Affiliated colleges of KU 8 th to 11 th April, 2011, funded by UGC
11.	Mathematics	One day Departmental Conference on Multiple Integrals (Paper- III of B.Sc. Mathematics) for UG Faculty of Affiliated Colleges of KU from 25-04-2012 to 01-05-2012 sponsored by APSCHE.
12.	Microbiology	National Seminar on Challenges, opportunities and emerging trends in Microbial Technology on 26 th March 2012.
13.	Physics	National Seminar on Recent Trends in Solid State Physics, 13-14, Feb., 2012, UGC Sponsored.
14.	Physics	5 days Training Programme on Microprocessors, Microcontrollers and Digital Communications for P.G.Teachers.
15.	Political science	Social movements in India Issue & Challenges 2 nd and 3 rd March, 2012, sponsored by UGC.
16.	Public Administration	Workshop on “Next Gen HR: A Journey of Value Creation 11 th January, 2011.



17.	Public Administration	KUHRM Alumni Association Annual Meet & Exposition on ‘‘KUHRMAA- Creating Brand Equity’’ 22 nd February 2012.
18.	Telugu	National Seminar on Rendu Dashabdala 1990-2010) Telugu Rachayitraula Sahtiaym, Gamanam, Gamyam.
19.	Telugu	National Seminar on Telangana Sahitya Sekarana- Adhyayana paddhatulu (under SAP, DRS-I).
20.	SDLCE	Open and Distance Education for the Future Need for Innovation in Teaching –learning Methodologies and Use on New Technologies SDLCE, KU Warangal 26 th and 27 th March, 2011.
21.	SDLCE	Mental Health and Well-being CMR IMS, Bangalore 8 th and 9 th April, 2011.
22.	Microbiology	National Seminar on recent trends in Microbial technology, 26-27, March 2011.
23.	Physical Education	UGC Sponsored National Seminar on ‘‘Recent Trends in Physical Education and Sports’’ was organized on 16-17 March, 2012.
24.	Zoology	Science Academies lecture workshop on uses of recombinant DNA technology in modern health during 31-11-2012 to 01-12-2012, sponsored by Indian Academy of Sciences, Bangalore.
25.	Zoology	A lecture on how do we sequence our DNA – past, present and future by Dr. Ch. Mohan Rao, Director CCMB, Hyderabad on 06-11-2012 sponsored by AP Science Academy.
2012-2013		
1.	Biotechnology	International conference on plant Biotechnology in Human Welfare 7 th to 9 th February, 2013.
2.	Commerce & Business Mgt.	Emerging Issues and Challenges of Insurance Sector in India 28-29 March 2013.
3.	Economics	Two-Day National Seminar on Empowerment of Women Role of SHGs & MFIs: Issues, challenges and Remedies 24 th & 25 th February, 2013.
4.	Economics	Two-Day National Seminar on Effects of FDI in Retail Markets Vis-a-vis Agriculture (UGC, SAP-DSR-II).
5.	History	National Seminar on Water Management in Andhra Pradesh Through the Ages 25 th & 26 th February 2013 organized by Department of History and Tourism Management.
6.	History	National Seminar on Leather Working Communities of South India: Cultural Heritage and Social transformation, 18 th March 2013 organized by Department of History and Tourism Management.
7.	Mathematics	National Conference on Applications of Mathematics in Engineering and Industry (NCAMEI-2013) March 26 th to 28 th 2013
8.	Telugu	National Seminar on Feminism in Telugu Jan, 2013.
9.	Telugu	National Seminar on Gurajada Jeevitha Drukpatham- Sahityam October, 2012.
10.	Political Science	Challenges and issues in contemporary Indian Politics 30-07-2012. Sponsored by UGC.
11.	Political Science	Federal Polity- States Re organization, 30-08-2012 Sponsored by UGC.
12.	Pharmacy	A three day International Conference on ‘‘Recent Advances in Pharmaceutical Sciences (RAPS-2012)’’ November 22-24 th , 2012 sponsored by Industry and Private Pharmacy colleges.
13.	Pharmacy	One day Seminar on ‘‘Recent Advances in Medicinal chemistry on 09-10-2012 sponsored by Pharmacy and Professionals.
14.	Zoology	The Five Day INSPIRE (Innovation in Science Pursuit for Research) Internship Science Camp 2012 from December 18-22 nd , 2012.
15.	Physics	A three day national conference on ‘‘Advances in Material Science and Technology’’ November 19-21, 2012 sponsored by UGC, DST, DRDO, CSIR, DAE, APSCHE and APCOST.
16.	Centre for Women Studies	A two day National Seminar on ‘‘Challenges and Opportunities in the Changing Global Scenario’’ March 22-23, 2013.
17.	English	National Seminar on ‘‘Bhakthi Literature and Social Reform’’ March 20-21, 2013.



18.	Commerce & Business Management	A Two day National Seminar on “Emerging Issues and Challenges of Insurance Sector in India-A Diagnostic and Perspective approach” March 28 th and 29 th , 2013.
19.	Microbiology and Sociology	National Seminar on “Genetically Modified Crops and Food Security” February 27-28 th , 2013.
20.	Engineering	1) A seminar on Embedded systems and space vector Modulation Techniques, January, 2013. 2) Two day workshop on Robo-vision, August, 2013.
21.	Chemistry	PG Teachers refresher course, 23-30, April, 2012.
22.	English	UGC National Seminar under SAP (DRS-I) on “Bhakthi Literature and Social Reforms” during 20-21 March, 2013.
2013-2014		
1.	Zoology	A One Day National Conference on ‘New Frontiers in American Sciences on 04-04-2013
2.	Political Science	A Two Day National Seminar on ‘Building Positive Employment Relations in India: The Way Forward during July, 27-28, 2013
3.	Computer Science	A Two Day National Seminar on Role of ICT in Teaching Education in the Context of Globalization during August, 2-3, 2013.
4.	SDLCE	A Two Day symposium on Distance Education in India: Issues and Challenges during August, 2-3, 2013.
5.	Gender studies	A One Day seminar on Issues and Challenges of Girls in Higher Education on 04-10-2013.
6.	Telugu	A Two Day National Seminar on Jashua Sahityam – Samakaleena Drukpatham during October, 25-26, 2013.
7.	History & TM	A Two Day National Seminar on History, Culture, Art and Architecture of Kakatiyas during October, 29-30, 2013 organized by Department of History & TM.
8.	Gender Studies	A One Day symposium on Violence Against Women in 21-11-2013.
9.	History & TM	A Two Day National Seminar on Deccan States and their Relations with Iran (Diplomatic, Economic and Cultural) during 16 th – 18 th Century during November, 29-30, 2013 organized by Department of History & TM.
10.	Education	A Three Day orientation program on B.Ed., Model Curriculum – 2013 during December, 21-23, 2013.
11.	Telugu	A Two Day National Seminar on Telangana Vaithalikudu – Kaloji during January, 3-4, 2014
12.	History & TM and Social Sciences	A Two Week workshop on ‘Capacity Building Programme for Faculty in Social Sciences’ during January, 16-31, 2014
13.	ECE	A One Day workshop on Defence Electronics on 05-02-2014.
14.	Gender Studies	A Two Day National Seminar on Inspiring Change towards Gender Equality during March, 1-2, 2014.
15.	Gender Studies	A One Day National Seminar on Women Empowerment – Issues and Challenges on 05-03-2014.
16.	Telugu	A Two Day UGC National Seminar on Telangana Charithra Punarnirmanam during March, 19-20, 2014
17.	History & TM	A Two Symposium on Teaching History: Problems and Prospects during March, 21-22, 2014 organized by Department of History & TM.
18.	University	A Two Day National Seminar on ‘Stress and Well Being’ during March, 24-25, 2014
19.	Political Science	A Two Day National Seminar on Liberalization Policies and Governance Reforms in India during March, 25-26, 2014
20.	Computer Science	A Two Day UGC National Workshop on ‘Research Methodologies and Issues in Computer Science and Information Technology’ during March, 27-28, 2014.
21.	ECE	A Two Day International Conference on Photonics, VLSI and Signal Processing during March, 28-29, 2014.
22.	Gender Studies	A Two Day UGC National Seminar on ‘Women’s Auto biographies in India: Theory and Practice’ during March, 28-29, 2014
23.	Computer Science	A Two Day training programme on IT Empowerment IT Champion



		during 01-02, April 2014.
24.	English	UGC National Seminar under SAP-DRS (I) on Women's Autobiographies in India: Theory and Practice, March 29 th & 30 th , 2014.
25.	English	UGC National Seminar under SAP (DRS-I) on "Women Autobiographies in India: Theory and Practice" during 29-30 March, 2014.
26.	Public Administration	Organized Two-Day national seminar on "Building Positive Employment Relations in India – The way forward", 28 & 29 th July, 2013. Sponsored by Friedrich Ebert Stiftung India, UGC Unit, Kakatiya University, IIRA and ICSSR.
27.	Public Administration	Organized Two-Day National seminar on "Liberalization Policies and Governance Reforms in India, 25 & 26 th March, 2014 sponsored by UGC.
28.	Public Administration	Public Administration And Globalization: Issues And challenges, 31 st March, 2015 sponsored by UGC.
2014-2015		
1.	Botany	Emerging research trends in plant sciences in 21 st Century, 12-13 Feb., 2015 sponsored by UGC, SERB (DST), New Delhi.
2.	Pharmacy	A Two Week short term course on Recent Advances in Pharmacology & Therapeutics during August, 2-14, 2014.
3.	Telugu	A Two Day National Seminar on '18, 19 Shathabdala Telugu Sahitya Mulyuankanam' during 18-19 Sept. 2014.
4.	Career Development Cell	A One Day training program on Career Training Development on Sept, 25, 2014.
5.	Chemistry	A One Day symposium on Recent Advances in Medical Chemistry on 9-10-2014.
6.	Physics	A Two Day National Seminar on Recent Advances in Physics during November, 6-7, 2014 sponsored by UGC, New Delhi.
7.	Pharmacy	A two week short term course in Pharmacy during November 10-25, 2014
8.	Zoology	A Two Day National Seminar on 'Recent Trends in Animal Bio-Technology' during Nov., 24-25, 2014
9.	IQAC	A one week orientation programme for Young Teachers from Universities in Telangana during Dec, 15-22, 2014
10.	Telugu	A Two Day National Seminar on Telangana Bhowgolika, Charithrika, Samskruthika Punarujjeevanam during Jan, 4-5, 2015
11.	History & TM	A Three Day orientation course on Research Methods in History during Jan, 11-13, 2015
12.	Telugu	A Two Day National Seminar on Telangana Nataka Sahityam during Jan, 21-22, 2015
13.	Public Administration	A Two Day National Seminar on 'Perspectives on Development of Telangana during Jan, 30-31, 2015
14.	Sociology	A One Day National Seminar on Socio-Economic Conditions of Tribals in India on 06-02-2015
15.	Political Science	A Two Day National Seminar on Reconstruction of Telangana: Issues and Challenges during, Feb, 6-7, 2015
16.	ECE	A One Day National Workshop on Embedded systems on 7-2-2015.
17.	Botany	A Two Day National Seminar on Emerging Research Trends in Plant Sciences in 21 st Century during Feb., 12-13, 2015
18.	Telugu	A Two Day National Seminar on 'Telangana Telugu Sahityam – Sekarana Madimpu Paddalulu during Feb., 19-20, 2015 SAP, DRS-II.
19.	Mathematics	A Three Day International Conference on Vibrational Problems during Feb., 18-20, 2015 sponsored by UGC and APSCHE.
20.	Education	One Day symposium on Ideas for Quality Management Education in Telangana State on 07-03-2015
21.	Commerce & BM	A Two Day National Seminar on Rural Insurance in India : Issues and Challenges during 25-26 Mar, 2015
22.	Telugu	A Two Day national seminar on Telangana Rashtra Udyama Sahityam during March, 25-26, 2015
23.	Public Administration	A Two Day National Seminar on Good Governance and Human Rights:



		Issues and Challenges during March, 29-30, 2015
24.	Geology	A Two Day National Workshop on Prospects and Perspectives of Mineral Resources in Telangana State during March, 30-31, 2015
25.	Chemistry	A One Day National Seminar on Green Sciences of the Future on March, 21 st 2015
26.	Engineering	EETA Workshop on MP and MC 2015, KUCET, Warangal.
27.	Telugu	A National Seminar on Evaluation of 18 th and 19 th Century Telugu Literature jointly organized by Center for Classical Language Telugu, University of Hyderabad.
2015-2016		
1.	Sociology	A one day seminar on Social Implications of Labour Problems in India on 27-07-2015
2.	SDLCE	A one day orientation programme for Coordinators of Study Centres on 07-09-2015
3.	Yoga Centre	A five day Yoga Therapy Camp during Sept, 18-22, 2015
4.	Career Cell	A one day workshop on Skill Development of TASK on 30-09-2015
5.	Public Administration	A one day symposium on Preventive Vigilance as Tool of Good Governance on 30-10-2015
6..	Education	A two day seminar on Reflections on Two Year B.Ed. Curriculum Suggestive Models during Nov, 28-29, 2015
7.	Political Science	A one day seminar on Challenges in Higher Education in Telangana State: Role of Public and Private Universities on 17-12-2015
8.	Commerce & BM	A two day national seminar on Companies Act, 2013 – Now Standards for Corporate Governance during Dec., 21-22, 2015
9.	Education	A two day Orientation-cum-Workshop on the B.Ed.: Two year curriculum 2105 during Jan, 11-12, 2016
10.	English	A three day national conference on Right to Write: The Culture of Literacy Controversies and Controversial Literatures during Jan 22-24, 2016
11.	Bio-Technology	A three day International Conference on Emerging Bio-Technologies during Jan, 28-30, 2015
12.	Botany	A three day national conference on Plant Diversity: Challenges in Conservation and Sustainable Growth during Feb., 4-6, 2016
13.	Law	A one day Legal Awareness Camp relating to Women Laws on 10-02-2016
14.	ECE	A one day workshop on Robotics on 22-1-2016
15.	Library Science	A two day workshop on Information Library and Scholarly Publishing during 19-20 March, 2016
16	Physics	Two week Refresher Courses on Experimental Physics during 6-21, December, 2016 sponsored by Science Academies.
17	Botany	Two Day National Conference on Frontiers in Plant Research – Prospects and Challenges during 9-10 March, 2017
18.	Microbiology	National seminar on ethics in Microbiology, 25 th July, 2015.
2016-2017		
1	Geology	UGC Sponsored Two day national seminar on “Strategic Trends and Future Perspectives in the Development of Natural Resources of Telangana State – A Geo-scientific Approach” held on 30 th and 31 st March, 2017.
2	English	UGC Sponsored Two day National Seminar on Environment and Literature held on March 30 & 31 2017.
3	Microbiology	UGC Sponsored Two day National Seminar on Recent Advances in Microbial Biotechnology held on March 30& 31, 2017.
4	Law	UGC Sponsored Two day National Seminar on Protection of Human Rights Issues and Challenges held on March 30, & 31, 2017.
5	Chemistry	UGC Sponsored Two day National Seminar on Recent Trends and Challenges in Chemical Sciences held on March 24 & 25, March, 2017.
6	History & TM	UGC, SAP and DRS Sponsored National Seminar on Social Formation and Regional Identity in Medieval Telangana held on March, 24 -03-



		2017, Department of History and Tourism Management .
7	Zoology	UGC Sponsored Two day National Seminar on “Recent Innovations in Animal Sciences” held on March 17& 18,2017.
8	Computer Science	UGC Sponsored Two day National Conference on Current Research Advances in Computer Science (CRACS-17) held on March 17& 18,2017.
9	Public Administration & HRM	UGC Sponsored Two day “National Seminar on Urbanization in India Issues and Challenges” held on March 10& 11, 2017.
10	Commerce & Business Management	UGC Sponsored Two day National Seminar on Make In India Issues and Challenges held on March 23& 24, 2017.
11	Economics	UGC, ICSSR, TSCHE sponsored International Conference on 25 Years of Economic Reforms in India (IC25YERI) held on January,28 & 29,2017.
12	Political Science	UGC Sponsored Two day National Seminar on Indian Federalism and Smaller States: Challenges & Prospects held on Feb, 07& 08, 2017.
13	Physics	UGC, DAE and CSR sponsored Two day National Seminar on Awareness workshop on Diffraction and other Characterization Techniques from 12-13, April, 2017.
14	Telugu	UGC Sponsored Two day National Seminar on Swathanthranthara Prajaa Rajakeeyaalu - Telugu Sahithyam from 27-28 Feb., 2017

3.2. Resource Mobilization for Research

3.2.1. What are the financial provisions made in the university budget for supporting students’ research projects?

- Financial support is provided through the Deans of concerned faculty to research Scholars for preparation and publication of the Ph.D thesis.
- Most of the research scholars are getting fellowships through the selection of national level tests or special schemes promoted by UGC, DST, SAP, TEQIP, BCIL, etc.
- The majority of remaining students are supported by the state government agencies.
- University provided about 70 Research Fellowships to the scholars with a total expenditure of Rs 20.0 lakhs in the review period.

3.2.2. Has the university taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?

Yes

List of patents registered and accepted: 10

1. Shyam Prasad, G., S.Girisham, and S.M.Reddy (2012) A Microbial transformation process for synthesis of fenofibric acid from fenofibrate. Application No.11/CHE/2012 A .The Patent Office Journal 13/01/2012
2. Novel Tetrahydroquinolines as Aromatase Inhibitors, PCT Request No. PCT/IN/2009/ 000002, Dated 02/01/2
3. New Thienopyridines as Pharmacologically active Agents through DST (TIFAC) [Provisional patent application], Indian Patent Application No. 10/DEL/2009 dated 05/01/2009.



4. New Thienopyridines as Pharmacologically active Agents. Through DST (TIFAC) [Provisional patent application], PCT Request No. PCT/IN/2010/000004 Dated 04/01/2010.
5. Novel Substituted Quinazolines as antibacterial and cytotoxic agents, Appl. No. 400/Del/2009, dated 03/09. An Improved Process for the Synthesis of Tetrahydroquinolines, Indian Patent Application [in preparation]
6. Shayeda and Yamsani Madhusudan Rao. "Herbal Anti-Acne topical cream" filed on 20.02.2009. Published on 06.03.2009.No:372/CHE/2009A
7. Shayeda and Yamsani Madhusudan Rao. "Herbal Depigmentation topical cream" No: 1403/CHE/2009.
8. Y. Madhusudan Rao, Shayeda and Renuka Pothu. Herbal cream for the treatment of leucoderma, Application No: 2450/CHE/2012, Publication Date: 13/07/2012, Journal No. 28/2012 Date of filing of Application: 20/06/2012.
9. Prof. N. Rama Swamy: Invitro Micropropagation of an endangered forest tree Givotia Rottleriformis Griff. Ref no. PT/118/1129/A, dt. 24/03/2010.
10. A. Raghurama Rao and Rajwinder Kaur- patent filed in 2014.

3.2.3. Provide the following details of on-going research projects of faculty

Table - 3.6
List of ongoing Research Projects

Sl. No.	Name of the Teacher with Department	Title	Funding Agency	Total Amount (Rs)
2013-2014				
1.	Dr. D. Sakriya Commerce	New Issues Market reforms- A study on Investors Behaviour in Andhra Pradesh F.No.5-259/2013(HRP) dated March 13 th , 2013	UGC	798600
2.	Dr. R. Bharavi Sharma Mathematics	Applications of coefficient inequalities of univalent analytic and multivalent functions (Arts College)	UGC	906800
3.	Dr. Srinivas Munjam Microbiology	Strain improvement strategies in anoxygenic phototrophic bacteria for enhancement of bio-fuel (H ₂) No.SB/FT/LS-231/2012 dated March 15 th , 2013	DST SERB	2230000
4.	Dr. M. Estari Zoolgoy	Isolation partial purification and characterization of human immunodeficiency virus (HIV-I) protease inhibitors from fresh water mussels (Lamnellidens marginalis) No.SB/FT/LS-232/2012 dated May 2, 2013	DST SERB	2120000
5.	Dr. T. Raja Komuraiah Microbiology	Diversity of Antibiotic Producing Novel Strains of Actinomycetes from Municipal Waste Compost of Andhra Pradesh, India No.SB/EMEQ-100/2013 dated 08-07-2013	SERB DST EEOES	3226000
6.	Dr. P. Venkataiah Microbiology	Genetic transformation of chickpea (Cicer arietinum L.) with a radish defension (Rs-AFP2) gene and evaluation of the transgenic plants for resistance to Fusarium wilt No.2013/35/36/BRNS/1254 dated July 30 th , 2013	DAE BRNS	2373500
7.	Prof. K. Murali Manohar Dr. G. Sudhakar	The Status and Position of OBC Artisan and Service Castes in Southern India - A Study of	ICSSR	2500000



	SDLCE	Andhra Pradesh, Karnataka and Tamil Nadu F.No.RESPRO/39/ICSSR/2013-14/RPS dated 28-09-2913		
8.	Prof. K. Purusotham English	Dalits and Anti-Colonial Struggles in South India : A Literary Perspective No.RESPRO/52/ICSSR/2013-14/RPS dated 05- 10-2013	ICSSR	2000000
9.	Prof. T. Dayakar Rao History & MTM	Irrigation Development under the Kakatiyas (1000 to 1323 A.D.) No.1-04/2013-ICHR(GIA-III) RP dated 11-06- 2013	ICHR	250000
10.	Prof. Ch. Sanjeeva Reddy Chemistry	Synthesis and Biological Evaluation of Chrysin Derivatives Containing Oxygen and Nitrogen Heterocycles No.02(0163)/13/EMR-II dated 21-10-2013	CSIR	700000
11.	Prof. Y. Narsimha Reddy Pharmacy	Population Pharmacokinetics and Clinical Response of Some Anti-Hypertensive Drugs in Indian Patients	AICTE MODROB S	1800000
12.	Dr. Sreedhar Bodiga Bio-Chemistry	Zinc Pyrithione-induced cardio protection in ischemia / reperfusion injury : Role of unfolded protein response and proteasome function in regulating ErbB2 protein expression (RGYI) No.BT/PR6316/GBD/27/401/2013 dated 24-10- 2013	DBT	3935000
2014-2015				
13.	Dr. Gade Sammaiah, Pharmaceutical Sciences	Method Development and Validation for Simultaneous Estimation of Drugs by UPLC and LC-MS	Saanvi Lab. Pvt. Hyd.	132000
14.	Dr. K. Srinivas Varma Geology	Studies on the Characterisation and Evaluation of Pakhal dolomites for Its Industrial Suitability in Mulugu area, Warangal District, Andhra Pradesh	DMRTUF	998600
15.	Dr. M. Estari Zoology	In Vitro HIV Type 1 Reverse Transcriptase Inhibitory Activities of Some Active Compounds from Phyllanthus Emblica Fruits	DBT	4745000
16.	Dr. Sreedhar Bodiga Bio-Chemistry	Molecular Analysis of Zinc Transporter expression in cardiomyocytes during ischemia/reperfusion injury	DST - SERB	1900000
17.	Prof. A. Sadanandam Biotechnology	Genetic Engineering for Male Sterility by the Expression of Cysteine Protease (CP) gene in Chilli Pepper (Capsicum annum L.)	DBT	4264000
18.	Dr. B. Deepa Jyothi English	Literature of the Lambada Tribe in Telangana : A Socio-Cultural Perspective	ICSSR	2000000
19.	Dr. P. Srinivas Biotechnology	Biodiversity of AM Fungi of forests of North Telangana and its exploitation in revegetation of disturbed coal mine spoils and overburdens	DBT	3453200
2015-2016				
20.	Dr. V. Ramchander Political Science	Rural Political Leader ship among Scheduled Caste A Study in Telangana Region	UGC MRP	471600
21.	Dr. P. Sammulal Political Science	Employment and Women issues in Tribal Areas A Study	UGC MRP	815400
22.	Dr. T. Dayakar Rao History & TM	Irrigation Development under the Kakatiyas (1000 to 1323 A.D.)	UGC MRP	677400
23.	Prof. V. Ravinder Chemistry	New Perspectives in Catalyst Design and Synthesis for Homogeneous Oxidation	UGC MRP	604600
24.	Prof. N. Ramaswamy Biotechnology	Genetic Engineering for Development fungal Resistance in Groundnut	UGC MRP	573600
25.	Dr. K. Rajender Commerce & BM	Corporate Social Responsibility in Indian Manufacturing Sector – A Study in Telangana	ICSSR	380000



		State		
26.	Dr. P. Srinivasa Rao Public Admn. & HRM	Problems and Prospects of Educational and Emplacement of Differently Abled persons in Telangana State – A Study with Reference to and Disabilities Act 1995	ICSSR	1000000
27.	Dr. A. Raghuram Rao Pharmacy	Design and Development of multitarget directed tacrine analogues for use in the treatment of Alzheimer's disease	UGC MRP	1062000
28.	Prof. V. Ravinder Chemistry	Designing of new water-soluble metal complexes of macrocyclic carbines (NHCs) and their catalytic application in some selective organic transformations	DST-SERB	2000000
29.	Dr. Y. Narsimha Reddy Pharmacy	Neuroimmune and Neuroprotective Activity of Some Indian Medicinal Plants – A Mechanistic Approach	AICTE (RPS)	2011765
30.	Prof. Syed Ayub Ali History & TM	Iran's Relations with the Qutb Shahi Kingdom of Golconda-Hyderabad Deccan (1518-1687 A.D.)	ICHR	59375
31.	Dr. T. Manohar History & TM	History and Culture of the Leather Working Communities of Telugu Speaking Region	ICHR	23750
32.	Dr. P. Srinivas Biotechnology	Identification of Arbuscular mycorrhizal fungi (Glomus) using taxon specific oligonucleotide primers	DST SERB	3370000

3.2.4. Does the university have any projects sponsored by the industry/corporate houses? If yes, give details such as the name of the project, funding agency and grants received.

Yes.

Two projects from Industry/Corporate houses are currently in progress. This is for development of new drugs.

1. M/s. Sanative Therapeutics Pvt. Ltd.--Rs. 3.00 lakhs, Prof. A. Raghuram Rao, UCPS.
2. M/s. Sanve Lab. Pvt. Ltd. -- Rs. 2.64 lakhs. Prof. V. Kishan, UCPS.

3.2.5. How many departments of the university have been recognised for their research activities by national/international agencies (Ex. UGC-SAP, CAS; Department with Potential for Excellence; DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.

- The Departments of Botany and Biotechnology are recognized by DST, Ministry of Science and Technology, Government of India under RTFDCS (Research Training Fellowship for Developing Countries Scientist).
- The Department of Biotechnology is recognized by the Government of Iran as a Research Centre.
- The efforts of faculty members of the departments have fetched 20 departmental projects in which all the faculty members are involved.
- 12 departments recognized by the UGC for special funding under SAP, 8 departments have been funded by DST under the FIST programme to improve research infrastructure.
- The total fund received by departments is Rs. 10.00 crores.
- Several significant results have been published in reputed journals.
- Many doctoral degrees have been awarded



- **BIO-INFORMATICS INFRASTRUCTURE FACILITY (BIF):** The Department of Biotechnology (DBT), Ministry of Science and Technology, Govt. of India, New Delhi has sanctioned (Rs. 43.0 Lakhs) to develop Bioinformatics Infrastructure Facility (BIF) for promotion of Biology teaching through Bioinformatics (BTBI) to Kakatiya University, Warangal, and AP under the Biotechnology Information System Network (BTISnet) Programme.

Departments Recognized Under UGC-SAP, DRS III, DRS II and DRS I

- **DRS-SAP (12)** Botany, Pharmacy, Economics, Telugu, Public Administration, Physics, Chemistry, Microbiology, Biotechnology, History, Commerce, and English.
- **DST-FIST (08)** Chemistry, Pharmacy, Botany, Geology, Zoology, Microbiology, Biotechnology and Mathematics.
- **UGC-BSR-(Non SAP) :** (9) Mathematics; Zoology; Botany; Pharmacy; Chemistry; Microbiology; Geology; Physics and Biotechnology.
- **DST-INSPIRE:** (2) (Zoology & Botany).

3.2.6. List of details of

a) Research projects completed and grants received during the last four years (funded by National/International agencies).

An amount of Rs. 10.53 crore was received during the assessment period.

Table – 3.7
List of completed Major Research Projects

Sl. No.	Name of the Teacher with Department	Title and Funding Agency	Funding Agency	Total Amount (Rs.)
2009-2010				
1.	Prof. N. Ramaswamy Department of Biotechnology	Development of Protocols for conservation and RAPD analysis of an endangered forest tree species Wrightia Tinctoria	UGC	687000
2.	Dr. A. Sadanandam Department of Botany	Developing plastid transformation system for expansion of mustard annexin gene in tomato for engineering abiotic stress tolerance	UGC	1079800
3.	Prof. G. Venkateshwar Rao Department of Chemistry	Metabolic transformations of drugs and related compounds in humans and mimicking them through cyclic voltametric studies and electro-organic synthesis of drug derivatives	UGC	769800
4.	Dr. B. Digamber Rao Department of Botany	Antifungal and Antibacterial activity of Nitrogen fixing paddy fields Cyanobacteria	UGC	476800
5.	Dr. S. Girisham Dept. of Microbiology	Incidence Toxicology and Management of Mycotoxigenic Penicillia in foods and feeds	UGC	1097800
6.	Dr. Neerati Prasad Department of Pharmacy	Absorption kinetic study of P-Glycoprotein drug substrated by perfusion technique using Rat model	UGC	624800



7.	Dr. M. Surekha Dept. of Microbiology	Investigations on the Incidence and characterization of Mycotoxigenic Fungi and Mycotoxins on Paddy and their Management	UGC	764800
8.	Dr. K. Jaganmohan Reddy Department of Botany	Development protocols for micropropagation of Euphorbia fusiformis buch – Ham ex.D.Don., A Rare Medial Plant	UGC	744300
9.	Prof. Veerabhrama Kishan Department of Pharmacy	Development of lipid nano emulsions for tumor targeting	UGC	930800
10.	Dr. Ciddi Vireesham Department of Pharmacy	Hepatoprotective agents from Cell and Genetically transformed cultures of picrrrhiza kuroo	UGC	896800
11.	Dr. M.A. Singara Charya Dept. of Microbiology	Production, optimization and characterization of B-glucans from Phyllotopsis nidulans in submerged cultivation for their antimicrobial and antioxidant properties	UGC	907800
12.	Dr. J. Madhukar Department of Chemistry	Purification and Characterization of Riboflavin Binding Protein from Egg white and Egg Yoke of Common Crane (Grus Grus)	UGC	821800
13.	Prof. K. Sayulu Commerce & BM	Impact of Organized Retailing in India – A Study	UGC	492200
14.	Prof. K. Raji Reddy Commerce & BM	Changes in Rural Consumer Behaviour for Agro Inputs in A.P. – A Study of Selected districts	UGC	300000
15.	Dr. P. Sadanandam History	Telangana Popular Culture through Folk Arts	UGC	375600
16.	Dr. T. Dayakar Rao History	Trade and State craft in Medieval Andhra : A Reappraisal (600-1600 AD)	UGC	238000
17.	Prof. V.V. Subramanya Sharma Commerce & BM	Business Process Outsourcing Practices in Banking and Financial Services – A Comparative Study of select public and private sector banks in India	UGC	471200
18.	Prof. Ch. Rajesham Commerce & BM	Customer Value management in State Transport Undertakings – a Study of Selected undertakings	UGC	425000
19.	Prof. N. Vijaya Economics	Women Entrepreneurship and Women Empowerment : A Study in Telangana Region	UGC	507700
20.	Dr. T.V. Sujatha Kumari Public Administration	Women Development and Child Welfare Department : A Study of Human Resource Management in Integrated Child Development Services (ICDS)	UGC	550000
21.	Dr. P. Malla Reddy Mathematics	Propagation of Waves in Cylindrical Compact Trabecular Bone Filled with Bone Marrow. April 2009 to April 2012	UGC	593834
22.	Dr. P. Malla Reddy Mathematics	Performance Study of Internet Router (Packet Switch) Employing Partial Buffer Sharing Mechanism under Markovian Modeled Self-Similar Variable Packet Length input Traffic, March 2010 to Feb. 2013	DST	875280
23.	Dr. Ciddi Veeresham Pharmacy	Therapeutic Agents Cell and Genetically Transformed cultures Toddalia Asiatica	AICTE	1100000
24.	Prof. V. Kishan	Drug Targeting – Development of	AICTE	1200000



	Pharmacy	Nano/Submicron Lipid Emulsions as Novel Drug Delivery Systems		
25.	Dr. K. Seetharama Rao Public Admin. & HRM	Management of Tank Irrigation in Andhra Pradesh : A Study of Three Regions	UGC	522200
26.	Prof. K. Venkat Narayana Economics	Micro Solution for Macro Problem Role of Microfinance for Rural Development (An Empirical Study in Telangana)	UGC	644200
27.	Prof. Ch. Balaramulu Public Admin. & HRM	Urban Governance and Public – Private Partnership in Andhra Pradesh : Select Study of Municipal Corporations	UGC	913000
28.	Dr. A. Vinayak Reddy Economics	The Status of Rural Artisans A Paradigm Shift in Globalisation Dynamics – A Study in Andhra Pradesh	UGC	765200
29.	Dr. Banala Nagaraj Pharmacy	Studies on Pharmacokinetic and Pharmacodynamic interactions of ashwaghandha with allopathic drugs	UGC	185000
30.	Prof. M. Krishna Reddy Zoology	Anti-HIV activity of the extracts of fresh water mussels (Lemellidens marginalis)	UGC	672800
31.	Dr. M. Estari Zoology	Studies on anti-HIV of the extracts fresh water mussels (Lemellidens marginalis) extracts	UGC	503200
32.	Dr. T. Ravinder Reddy Zoology	Ecological Studies and Plankton diversity in certain lentic waternodies of Warangal District (AP)	UGC	1147800
33.	Dr. Md. Mustafa Botany	Molecular Marker based sex determination in tasle gourd (Momortica Dioica Roxb) and in Vitra multiplication of female plants	UGC	764000
34.	Dr. T. Christopher Biotechnology	DNA Profiling of chilli pepper (Capsicum annum) using RAPD-PCR	UGC	996800
35.	Prof. E. Revathi Economics	Land Access to Women and Women Empowerment under Different Situation in Andhra Pradesh	ICSSR	650000
36.	Dr. G. Gangadhar Reddy Physics	Mutual Effects of Magnetic and Structural Transitions in Strongly Correlated Electron Systems No.03(1152/10/EMR-II dt. 26-04-2010	CSIR	926000
37.	Prof. K. Venkat Narayana Economics	Combating Child Labour in India – An Empirical Study in Andhra Pradesh No.O-15012/46/2009-SER dt. 14-06-2010	Planning Commission	683000
38.	Dr. V. Krishna Reddy Department of Botany	A study on incidence and management of mycotoxin in poultry feeds of Warangal District.	UGC	1022000
2010-2011				
39.	Prof. N. Ramaswamy & Dr. G. Shamitha Department of Biotechnology	Molecular characterisation of Tussar silk worm	DBT	2900000
40.	Prof. A Sadanandam Department of Botany	Developing plastid transformation system for expansion of mustard annexin gene in Capsicum, New Delhi.	DST	520000
41.	Dr. Sammaiah Pharmacy	Studies on Cancer and Human Immunodeficiency Virus Type-1 (HIV-1) Protease inhibition by some Indole Derivatives	DBT	1024000



42	Prof. A. Sadanandam Biotechnology	Developing plastid transformation system for expression of defensin gene in <i>Capsicum annuum</i> L	DST	5255118
43	Dr. K. Mohan Reddy Economics	Significance of Minor Forest Produce in Tribal Economy – A Micro Level Study	UGC	551200
44	Dr. G. Bhaskar Economics	Status of Urban Informal Sector in India – A Study in Andhra Pradesh	UGC	576200
45	Dr. T. Yadagiri Rao Public Administration	Development, Displacement and Rehabilitation in Tribal Areas with Special Reference to Mining and Irrigation Dams in Andhra Pradesh	UGC	662000
46	Dr. P. Narendra Babu Public Administration	Administration of Tribal Education Programmes with reference to Girl Education in Andhra Pradesh – A Study	UGC	653700
47	Prof. V. Shobha Public Administration	Empowerment of Women Sarpanches at Gross-Roots Governance – A Case of Andhra Pradesh.	UGC	656700
48	Dr. A. Venkateswar Rao Dept of. Biotechnology	Genetic engineering for anthracnose disease resistance in chilli pepper using defensin gen (TcD1)	UGC	1016800
49	Dr. T. Raja Komuraiah Dept of. Biotechnology	Assessment of arbuscular mycorrhizal fungi (AMF) and other microbial associations from rhizosphere soils of Bt-Cotton and non Bt-Cotton fields in Godavari belt	UGC	874300
50	Dr. Podeti Srinivas Dept of. Biotechnology	Mass production, evaluation and commercialization of bioinoculants for agro forestry nurseries	UGC	1001800
51	Dr. A. Seetaram Naik Dept of. Botany	Selection of elite biotypes of terminalia species using PCR based markers and their conservation through in vitro micro propagation	UGC	709800
52	Dr. P. Venkataiah Dept of. Microbiology	Genetic transformation of chilli pepper <i>Capsicum annuum</i> L. with chitinase gene for fungal disease resistance	UGC	959800
53	Dr. Yellu Narimha Reddy Dept of. Pharmacy	Population pharmacokinetics and clinical response of some cardiovascular drugs in Indian patients	UGC	809800
54	Dr. Shayeda Dept of. Pharmacy	Design and evaluation of buccal drug systems	UGC	971800
55	Dr. Y. Venkaiah Dept of. zoology	Study of esterases in paratoid gland secretions of the toad (<i>Bufo melanostictus</i>)	UGC	831800
56	Dr. Ch. Sammaiah Dept of. Zoology	Ecological impacts of Bt cotton on soil biodiversity	UGC	753800
57	Dr. M. Pushpa Latha Economics	Adverse Effects of HIV/AIDS on Women Empowerment – A Study of Selected Villages in Khammam District	UGC	137000
58	Dr. Veluri Sreedevi Telugu	Telangana Telugu Katha – Vekasam	UGC	486200
59	Prof. S. Srinath History	Constructing Business History of a Pre-Colonial state in India –The Case of Princely state of Hyderabad, 1724-1956	UGC	276100
60	Dr. Y. Pameela Devi Zoology	Development of biosensors for Environmental Monitoring of Endocrine disrupting chemicals	UGC	963800
2011-2012				
61	Dr. G. Shamitha	Molecular Characterization of tasar	DBT	2933000



	Zoology	silkworm, Antheraea mylitta		
62	Dr. K. Sujatha, Dept. of Sericulture	Effect of essential oils of plant origin against bacterial diseases and the biological performance of silkworm	UGC	997800
63	Dr. G. Dayakar, Dept. of Chemistry	Synthesis and antimicrobial activity of pyridoimidazole derivatives	UGC	877800
64	Dr. K. Mamatha Dept. of Chemistry	Evaluation of selective metalloorganic entities for potential biomedical applications	UGC	1029300
65	Dr. Srinivas Munjam, Dept. of Microbiology	Biomass and Bio-energy (H ₂) production by anoxygenic phototrophic bacteria: An alternative energy source	UGC	914,800
66	Dr. E. Sujatha, Dept. of Microbiology	Isolation, Screening, optimization and strains improvement of thermophile fungi for Cellulose production	UGC	884800
67	Dr. Gade Sammaiah, Pharmaceutical Sciences	Synthesis and evaluation of new indole derivatives for anticancer, and antioxidant activities	UGC	1078800
68	Dr. Garlapati Achaiah, Dept. of Pharmacy	Synthesis of some new 1,4-dihydropyridine derivatives and anti-microbial, anti-tumour and MDR (Multi-Drug Resistance) reversal agents	UGC	965300
69	Dr. K. David Dept. of Geology	Petrological and geological investigation on Alkali syenite intrusives of pulikonda and dancherla, Anantapur District, Andhra Pradesh : An insight into lithospheric evaluation of Eastern Dharwar Craton	UGC	799800
70	Dr. E. Narayana Dept. of Zoology	Limnological studies on fresh water fauna in pakhal lake of pakhal wildlife sanctuary, Warangal, AP	UGC	706800
71	Prof. M. Swamy Dept. of Zoology	Ecological studies and plankton diversity in certain lentic water bodies of Adilabad District. AP	UGC	592800
72	Dr. T. Sumathi Umamaheshwari Mathematics	Reliability study for redundancy of cascade systems – A Markovian Approach	UGC	551800
73	Prof. M.A. Singara Charya, Microbiology	Biodiversity of Macro Fungi in Andhra Pradesh : Application in Paper and Pulp Industries for Bio bleaching and Bio pulping	Mini. Of Environment & Forests	1312800
74	Dr. R. Mallikarjun Reddy Geology	Petro-mineralogical and Geochemical Studies to identify rare metal and rare earth rich phases in Prakasam Province, Andhra Pradesh	DAE	2801000
75	Prof. V. Ravinder Chemistry	Designing of new water-soluble metal complexes of macrocyclic N-heterocyclic carbenes (NHCs) and their catalytic applications in some selective organic transformations	SERB	3319000
76	Prof. Ciddi Veeresham Pharmacy	Production of cutomers using biocatalytic strategies for antihypertensive drugs	DST	2826000
77	Prof. Ciddi Veeresham Pharmacy	Pharmacokinetic and Pharmacodynamic interaction of Herbal Medicines with Oral Hypoglycaemic Agents	AICTE	1500000
2012-2013				
78	Dr. P. Indrasena Reddy Commerce	Commerce Marketing Strategies of Dairy Cooperatives In A. P.- A study of select Units	UGC	694600



79	Dr. K. Venkat Janardhan Rao Commerce	Commerce Risk Management in Banking Sector through ALM Practices - A Select study	UGC	440000
80	Dr. P. Varalaxmi Commerce	Commerce Women Entrepreneurship in Andhra Pradesh- A Regional Comparison	UGC	303500
81	Prof. M. Ashok Kumar Economics	Wages, Employment and Income Pattern of Women Agricultural Labour in Andhra Pradesh- In the Post-Globalization Era- An Empirical study	UGC	549800
82	Dr. S. Radha Krishna Economics	Economic Conditions of Tribal Labourers - A Comparative study of Major Tribal Groups in the Agency Areas of Andhra Pradesh	UGC	734800
83	Prof. K. Manuja Devi Economics	SHGs and Empowerment of Rural Women- A study in two Districts of Telangana Region in Andhra Pradesh	UGC	845100
84	Dr. K. Purushotham English	English Dalits in Recent Indian English Novel Emergence of a New Genre	UGC	872500
85	Dr. K. Chokkaiah Public Administration	Participation of Tribal's in Development Programmes- An Empirical study in Telangana Region of A.P.	UGC	290000
86	Dr. Tenneti Vijaya Chandra (Law College)	Law Protection of Human Rights of Juvenile Delinquents: A case study of Functioning of Juvenile Justice System with reference to Warangal District	UGC	494800
87	Dr. Panthangi Venkateswarlu Telugu (Arts College)	Telangana Navala-Sthanikatha-Samskritika, Rajakeeya Astitva Chitrana	UGC	520000
88	Dr. Gouda Rajender Zoology	Screening of riboflavin binding protein (Rfbp) from avian Eggs to Screen their Anti-cancer activity	UGC	1050800
89	Prof. Ch. Sanjeeva Reddy Chemistry	Synthesis and biological evaluation of adamantly linked pyrrolo [2,1-c] [1,4] benzodiazepines and pyrrolo[2,1-n] quinazolinone conjugates as DNA binding and potent cytotoxicity	UGC	1063800
90	Dr. Vatsavya S. Raju Botany	The pattern and process of alien plant invasions into the natural ecosystems of Telangana region, Andhra Pradesh A Study towards native biodiversity conservation	UGC	1420000
91	Dr. T. Shasthree Biotechnology	Micro propagation and genetic transformation through agro bacterium rhizogenes for enhanced production of potential alkaloids in Citrullus cococynthis (L.) Schard	UGC	1208300
92	Dr. B. Venkatram Reddy Physics	Vibrational spectroscopic investigations and density functional theory DFT calculations of some biomolecules	UGC	1145800
93	Prof. M. Sarangapani Pharmacy	Development Of New Bisatin Derivative As Dna Intercaltors For Anti-Cancer Activity	UGC	1495800
94	Dr. P. Venkataiah Microbiology	Genetic Transformation of Turmeric (Curcuma longa L.) with AtNPR1 gene and evaluation of transgenic plants for broad-spectrum disease resistance	DBT	4281940
95	Dr. T. Raja Komuraiah Microbiology	Diversity of microbial population from underground coal-mine soils of Andhra	SERB DST	2145000



		Pradesh, India		
96	Prof. V. Kishan Pharmacy	Preliminary Pharmaceutical Investigations on the excipient characters of the gum of bombax ceiba L	APCOST Hyd	146000
97	Dr. M. Estari Zoolgoy	In vitro study on anti-HIV activity of some medicinal plants used by tribal people of Adilabad District, Andhra Pradesh	APCOST Hyd	220000
98	Dr. Shayeda Pharmacy	Design and Evaluation of Osmotic Drug Delivery Systems	MRP, UGC	1000000
99	Dr. K. Purushotham Department of English	The Pedagogy of the tribes: Towards Designing Course Material for Tribal Students	UGC	400000
100	Prof. K Niranja Kumar & Dr. R. Mallikarjuna Reddy Department of Geology	National CGWB, Ministry of Water Resources, Govt. of India, Construction of artificial recharge structures and impact studies in Kakatiya University, Warangal	Govt. of India	7518000
101	Dr. L.P. Raj Kumar Department of Mathematics	Performance Study of Optical Packet Switch (OPS) in Internet Traffic Employing Wavelength Conversion – Matrix Geometric Solutions., April, 2013 to March 2016	UGC	276000
102	Dr. P. Venkataiah Department of Microbiology	Genetic Engineering for male sterility by the expression of Cysteine Protease (CP) gene in Chilli Pepper (Capsicum annum L.).	DBT (Co-PI)	4206000
103	Prof. P. Sambaiah Department of Public Admn	Primary Education in Andhra Pradesh	UGC	500000
104	Prof. T. Satyanarayana Department of Public Admn	Universalization of Health Care Policy – A Study in Andhra Pradesh, 2012-2015	UGC	525000
105	Prof. Banna Ailaiah Department of Telugu	Telugu Sahityampai Mahatma Gandhi and Dr. B. R. Ambedkar Prabhavam, 2009-11	UGC	550000

b) Inter-institutional collaborative projects and grants received

i) **All India collaboration:** -----

ii) **International:** Prof. R. Ram Reddy of Department of Public Administration and Human Resources Department conducted a project in collaboration with Dr. John Loko of the University of the South Pacific, Fiji with the title 'Workplace Diversity, Discrimination and Harassment of expatriate academics in South Pacific Higher Education, 2010-12. The grant received was F\$ 10,000/-.

3.3. Research Facilities

3.3.1. What efforts have been made by the university to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?

- Research infrastructure in the University undergoes a constant process of renewal and upgradation to serve current needs.
- In the last few years, a variety of sophisticated equipments were added.
- Good number of equipment was procured in this period.
- Personal computational facilities are constantly upgraded and every faculty member has been provided with a desktop computer with internet facility.



- The Science Departments have procured modern equipment/units for teaching and research programmes. Some of the major equipment worth more than Rs. 5.00 lakh available in the University departments purchased under various funding programmes.

Table- 3.8
List of Equipment purchased for Research

Sl. No.	Year	Department & Funding Agencies	Equipment	Amount
1	2013-2014	Telugu (SAP – II), DRS – II	Equipment	10,00,000-00
2		Pharmacy (SAP – III), DRS – III	LC-MS	60,00,000-00
3	2014-2015	Botany (DRS,FIST)	Fluorescent Microscope, Gel Documentation System, ELISA Micro plant Reader, PCR, Semi automatic microtome	40,00,000-00
4		Botany (DRS – SAP – III)	Bioreactor/ Fermentor, Gel Permeation Chromatography (GPC) Millipore Water Purifies System Refrigerated Orbital Shaker. Thrinocular Microscope with CCD, Ice Making Machine Ultra Centrifuge (High Speed) Small Equipment	80,00,000-00
5	2015-2016	History (SAP – II) DRS – II	Computer with Hardware (10)	5,00,000-00
6		Bio-Technology (DRS – SAP – II)	RTPCR, Cryocans, Refrigerated Shaker, Blotting apparatus	71,25,000-00
7		Commerce & Business Management (DRS – II SAP – II)	Computer – LCD Screens – Video and Audio –Accessories	20,00,000-00
8		Mathematics (DRS – FIST)	Hardware, Server, Printer, Ethernet Switches, Air Conditioners, Computer Table and Chairs and Software	29,00,000-00
9		Biotechnology (DST-FIST)	Fluorescent Microscope, Cold Room, RTPLR	53,00,000=-00

3.3.2. Does the university have an Information Resource Centre to cater to the needs of researchers? If yes, provide details of the facility.

Yes.

- The information for research such as literature collection, and other information are collected through the resources available through INFLIBNET.
- The University library preserves the previous theses of all subjects so that these can be a source of information.
- University subscribes for research journals and has many back volumes.

3.3.3. Does university have a University Science Instrumentation Centre (USIC)? If yes, have the facilities been made available to research scholars? What is the funding allotted to USIC?

Yes.

Central Instrumentation Centre is established in 1979. The existing equipment is:



1. FTIR spectrophotometer Model BX-I system
2. UV-VIS spectrophotometer Model Lambda-25
3. DSC.
4. AAS
5. TGA

- These facilities are provided to the researchers.
- Researchers from other institutions in Warangal like NIT, Kakatiya Medical College, Kakatiya Institute of Science and Technology utilize the services.
- The facilities provided in CIC are limited since many departments procured research equipment in their departments under major research projects.
- Post Graduate students from science departments visit the centre for familiarization with the scientific equipment.

3.3.4. Does the university provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academics and visiting scientists (national/international)?

Yes.

- One hostel exclusively for research scholars was constructed and Wi-Fi facility is provided.

3.3.5. Does the university have specialized research centres/workstation on-campus and off-campus to address the special challenges of research programmes?

Yes.

- A separate lab is available in the building of Biotechnology for research in Biology.
- Complete equipment hardware and software is procured and BSNL Broad Band connectivity is obtained.
- The facility is being utilized by the faculty, research scholars and students of Biology departments.

3.3.6. Does the university have centres of national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

Yes

- Pharmacy: Animal House CPCSEA.

3.4. Research Publications and Awards

3.4.1. Does the university publish any research journal(s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.

Yes



Table - 3.9
List of Research Journals Published by the University

Sl. No.	Department	Title of the Journal	Composition of the Editorial Board	ISBN/ISSN Number
1	Faculty of Social Sciences	Kakatiya University Journal of Social Sciences (A Bi-annual Journal)	Editor: Dean Faculty of Social Sciences, Members: 1. Head, Department of Economics. 2. Head, Department of History & Tourism Management. 3. Head, Department of Political Science. 4. Head, Department of Public Administration & Human Resource Management. 5. Head, Department of Library & Information Science. 6. Head, Department of Sociology.	ISSN: 2277-8144
2	English	Kakatiya Journal of English Studies	Editor: Head, Department of English and the entire faculty are the members of Editorial Board. .	ISSN: 0971-8877
3	History & Tourism Management	Kakatiya Journal of Historical Studies	Editor: Head, Department of History and Tourism Management and the entire faculty are the members of Editorial Board. .	
4	Telugu	Vimarshini	Editor: Head, Department of Telugu and the entire faculty are the members of Editorial Board.	
5	Centre for Women Studies	Kakatiya Journal of Women Studies	Editor: Director, Centre for Women Studies	ISSN: 2277-6036

3.4.2. Give details of publications by the faculty:

- Number of papers published in peer reviewed journals (national/international) 2786
 - Monographs 43
 - Chapters in books 172
 - Books Edited 119
 - Books with ISBN with details of publishers
1. **Library and Information Science:** Libraries in the Information Age Published by Prof. V. Neelakantha Babu, Director of Publications, P.S.Telugu University, Hyderabad, and ISBN 978-81-921167-4-7. (Department of Library & Information Science)
 2. **English:** (i) 07
 3. **Economics:** (i) 07
 4. **History & Tourism Management:** Dr. P. Sadanandam, Art and Culture of Marginalized Nomadic Tribes in Andhra Pradesh, Gyan Publishers, New Delhi, 8121209587, 9788121209588.



5. **Engineering:** Dr. T. Srinivasulu, Real Time Application to Coal Mining Industry, LAP LAMBERT Academic Publishing GmbH & CO, KG, Germany, ISBN 9783848421633
6. **Microbiology:** (i) 02
7. **Physics:** Chiral, Three-Dimensional Anhydrous Potassium tris(oxalato)ferrate(III) by A. Sarita, B. Raju and Khaja Althaf Hussain (2013), Published by LAP LAMBERT Academic Publishers, Germany, ISBN No. 978-3-659-43262-0.

- Number listed in International Database:

Physics: Three Crystal structures listed in Cambridge Crystallographic Data Centre.

1. CCDC No. 806560.
2. CCDC No. 825674.
3. CCDC No. 918754.

- Citation Index-range/average 0 – 370/4.85
- Impact factor – range/average 0.1 – 7.0/0.972
- h-index : 12

Table - 3.10
Year-Wise data of the Research Publications by the Faculty

Sl. No.	Year	Peer reviewed Journals	Chapters in Books	Monographs	Books	Books with ISBN
1	2009-10	305	25	07	10	04
2	2010-11	316	30	08	12	04
3	2011-12	354	30	06	15	04
4	2012-13	375	38	08	17	06
5	2013-14	377	45	06	12	06
6	2014-15	350	24	08	25	06
7	2015-16	340	35	10	30	08
8	2016-17	325	30	09	35	05
	Total	2786	257	64	156	43

Conference and seminar papers

- Apart from the above publications, faculty members and students of the University continuously present their research at regional, national and international conferences and seminars.

3.4.3. Give details of

- Faculty serving on the editorial boards of national and international journals
Details are given in the evaluative reports of the departments
- Faculty serving as members of steering committees of international conferences recognized by reputed organizations/societies
Details are given in the evaluative reports of the respective departments/



3.4.4. Provide details of

- Research awards received by the faculty and students
 1. **Botany:**
 - a) Prof. B. Digambar Rao: TWAS Award, Italy, 2012.
 - b) Prof. A. Seetaram Naik: Mata Savitribai Phule Seva Purqaskar Award.
 - c) Prof. M.A. Singaracharya: State Best Teacher Award-2011.
 - d) Prof. Prof. K. Subhash: UGC Emeritus Fellowship, 2009
 - e) Prof. S. Ram Reddy: State Best Teacher Award, 2009.
 2. **Economics:**
 - a) Prof. N. Vijaya: State Best Teacher Award, 2009.
 - b) Prof. Md. Iqbal Ali, Lt. Col. Honorary Award, NCC, Government of India, 2011.
 - c) Prof. N. Linga Murthy: Amity Global Academic Excellence Award, 2009
 - d) Prof. N. Linga Murthy: Indian Achievers Award for Education Excellence by Indian Economic Development and Research Association.
 - e) Prof. N. Linga Murthy: Honorary Colonel of NCC, 2010.
 3. **English:**
 - a) Prof. Rajagopala Chary: State Best Teacher Award, 2010.
 - b) Prof. D. Ramakrishna: Honorary Fellow, Department of Culture and Communication, the University of Melbourne, Australia, 2010.
 - c) Prof. G. Damodar: State Best Teacher Award, 2010.
 4. **History:**
 - a) Prof. G. Bhadru Naik, State Best Teacher Award, 2011.
 - b) Prof. Syed Ayub Ali, State Best Teacher Award, 2013.
 5. **Mathematics:**
 - a) Prof. T. Srinivas: Rajiv Gandhi Excellence Award and Certificate of Excellence of India International Friendship Society, New Delhi – 2012.
 - b) Prof. K. Sambaiah: State Best Teacher Award-2013.
 - c) Prof. P. Malla Reddy: Fellow, Telangana Academy of Sciences, 2016.
 - d) Dr. L.P. Raj Kumar: Associate Fellow, Telangana Academy of Sciences, 2016.
 6. **Engineering:**
 - a) Prof. T. Srinivasulu: JSPS Bridge fellowship Awardee, 2011.
 7. **Pharmacy:**
 - a) Prof. V. Kishan: APTI Pharmacy Teacher of the year-2011.
 - b) Prof. V. Kishan: Best Research paper award by International Journal of Pharmaceutical Sciences and Nanotechnology-2013.
 - c) Prof. A. Raghurama Rao: Dr. (Mrs). Manjushree Pal Memorial Award for the Best Pharmaceutical Scientist-2010.



- d) M. Prabhakar: International Canadian Studies Fellowship, Canadian Government, 2010.
- e) Prof. Ciddi Veeresham: A. P. Scientist Award by APCOST-2011.
- f) Prof. V.Kishan, State Best Teacher Award, 2014.
- g) Prof. C.Veeresham State Best Teacher Award, 2016
- h) Prof. A. Raghuram Rao Best Teacher Award, 2016
- i) Prof. A. Raghuram Rao, Fellow, TSA.
- j) Prof. V. Kishan, Telangana Academy of Sciences, 2016.
- k) Dr. Shayeda. Associate Fellow, Telangana Academy of Sciences, 2016.

8. Biotechnology:

- a) Prof. A. Sadanandam
 - (i) DAAD Honorary Advisor (2006-09).
 - (ii) Andhra Pradesh Scientist Award, 2008 by APCOST.
 - (iii) State meritorious Best Teacher Award (2009).
 - (iv) Visiting Research Professor, Murdoch University, Australia (2010).
- b) Prof. N. Ramaswamy:
 - (i) Researcher Excellency Award – 2009, Academy of Plant Sciences India.
 - (ii) State meritorious Best Teacher Award 2010.
 - (iii) Pioneers in Genomics Education Class of 2010, the Netherlands & USA.
 - (iv) Siksha Rathan Puraskar Award-2010, International Friends Society, New Delhi.
 - (v) Talented Biotechnologist Award-2011, Srilanka.
 - (vi) Bharath Jyothi Award-2012, Visiting fellow, Sant Gadge Baba Amravati Jan 2012 International Friendship Society, New Delhi.
 - (vii) Talented Scientist Award-2012, MARYLAND, USA
 - (viii) Global Achievers Award-2013, Bangkok, Thailand.
 - (ix) Excellency in Research Award-2014
 - (x) Outstanding Faculty Award-2015
 - (xi) Visiting Research Professorship Award at NEHU, Shillong by Department of Biotechnology

9. Telugu:

- a) Prof. K. Katyayani received Kendra Sahitya Academy Award, New Delhi, 2014.
- b) Prof. Banna Ilaiah: Rhythu Vaalmiki Vanamamalai Jagannadha Charyuly Award, 2009.
- c) Prof. Banna Ilaiah: Honored by Teja Arts Creations-A literary and Social Organization with the annual award, 2010.
- d) Prof. Katyayani: Gurajada Literary Award by AP Department of Culture and T. Subbirami Reddy Lalitha Kalaparishad, 2011.



- e) Prof. Banna Ailaiah: Sahrudaya Sahitya Samskruthika Samstha Award, 2011.
- f) Prof. Banna Ailaiah: Palleru Swayam Prabha Memorial Literary Award, 2011.
- g) Prof. Banna Ailaiah: Somnatha Samajika Sodhana Puraskaram, 2011.

10. Zoology:

- a) Prof. Ch. Sammaiah: State Best Teacher Award-2013.
- b) Prof. Y. Pramila Devi: Australian Government Professional Development Award-2010.
- c) Dr. G. Shamitha: Best Citizen of India-2012.
- d) Dr. M. Estari: DST-Young Scientist Award-2012.
- e) Dr. Y. Venkaiah: Bharath Siksha Ratan Award, 2012.

11. Education:

- a) Prof. Ghanta Ramesh: National Eminent Teacher Educator Award by IATE, 2009.
- b) Prof. Ghanta Ramesh: UNESCO & NLM Award, 2010.
- c) Prof. Ghanta Ramesh: National Literacy Mission Award, 2012.

12. Public Administration:

- a) Prof. Ch. Balaramulu: State Best Teacher Award, 2009.
- b) Prof. V. Bhaskara Rao: Paul H. Aooley Award, 2010.

13. Chemistry:

- a) Prof. V. Ravinder: State Best Teacher Award, 2010.
- b) Prof. V. Ravinder: A.P.Scientist Award by APCOST-2011.
- c) Prof. S. Srihari: State Best Teacher Award, 2012.
- d) Prof. Ch. Sanjeeva Reddy: Prof. Navneeth Rao Best Teacher Award, 2012.

14. Sociology:

- a) Prof. T. Srinivas: Best NSS Programme Co-ordinator by State Government, 2011.

15. Commerce and Business Management:

- a) Prof. B. Venkat Rathnam: Honorary Rank Colonel by NCC, 2012.
- b) Prof. K. Krishna Reddy: State Best Teacher Award, 2012.
- c) Prof. G. V. Bhavani Prasad: State Best Teacher Award, 2012.

16. Geology

- a. Dr. R. Mallikarjun Reddy, Associate Fellow, Telangana Academy of Sciences, 2016.

Table – 3.11
Research Awards/Recognitions obtained by students

Sl. No.	Name of the student	Achievement/Award/Honour
1	Mr. B. Mallesham (Research Scholar) Biotechnology	Awarded with Young guest and Doctoral researchers annual scholarships for investigation and learning (IS-MOBIL YGGDRASIL) in Norway-2013
2	Dr. G. Kranthi Kumar, Biotechnology	Awarded with CAS-TWAS Postdoctoral fellowship and working in CAS, China -2013
3	Mr B. Mallesham (Research Scholar),	Awarded SRF by CSIR, New Delhi-2012



	Biotechnology	
4	Mr.K.Srinivas (Research Scholar), Biotechnology	Awarded CAS-TWAS fellowship -2010
5	Mr. Murali (Research Scholar), Biotechnology	Awarded Inspire DST fellowship-2012
6	Dr. P. Mahender, Biotechnology	Visited New Castle University, UK as a visiting Scientist-2009
7	Dr. P. Mahender, Biotechnology	Awarded UGC- Postdoc Fellowship-2011
8	Dr. P. Mahender, Biotechnology	Awarded CAS-TWAS fellowship
9	Mrs. T. Radhika, Biotechnology	Awarded CAS-TWAS fellowship-2010
10	Mrs. T. Radhika, Biotechnology	Awarded Jawaharlal Nehru Memorial Fellowship-2010
11	Mr. R. Gulabkhan, Biotechnology	Awarded Jawaharlal Nehru Memorial Fellowship-2009
12	Mr. R. Gulabkhan, Biotechnology	Awarded UGC- Maulana Azad National Fellowship- 2010
13	Mr. Kota Srinivas, Biotechnology	Awarded UGC- Rajiv Gandhi Fellowship-2009
14	Mr. B. Prasad, Biotechnology	Awarded DST Inspire Fellowship-2010
15	Ms. Vijaya, Biotechnology	Awarded DST Inspire Fellowship-2013
16	Mr. Shabazuddin, Biotechnology	Awarded DST Inspire Fellowship and working at CFTRI Mysore-2013
17	Ms. Mahalaxmi Veena, Biotechnology	Awarded UGC- Rajiv Gandhi Fellowship-2013
18	Ms. Rathna Prabha, Biotechnology	Awarded UGC- Rajiv Gandhi Fellowship-2013
19	Mr. Althaf Shaik, Biotechnology	Awarded UGC- Maulana Azad National Fellowship- 2104
20	Dr. A. Srisailam, Mathematics	Dr. D. S. Kothari Postdoctoral Scheme of UGC.
21	Dr. M. Shankaraiah, Telugu	Post-Doctoral Fellowship.
22	Dr. B. Veeraiah, Economics	Post-Doctoral Fellowship
23	Dr. V. Mural, Economics	Post-Doctoral Fellowship
24	Mr. R. Vijay Kumar, Zoology	DST-INSPIRE fellowship-2012
25	Ms. K. Ashwani and M. Mounika, Zoology	Summer research fellowships by Indian Academy of Sciences, Bangalore-2014.
26	Ms. Reshma and Suvarna., Zoology	National Indira Gandhi Fellowships-2013-14.
27	Dr. A. Suresh, Microbiology.	Post-Doctoral Fellow, UGC.
28	Dr. V. Koteswars Rao, Microbiology	Post-Doctoral Fellow, UGC

A Large number of RGN and MNA Fellowships have been awarded

- National and international recognition received by the faculty from reputed professional bodies and agencies

1. Biotechnology:

a) Prof. A. Sadanandam:

- Fellow Max-Planck Society, Germany.
- Fellow, Botanical Society of India.
- Fellow, New Yorkl Academy of Sciences, USA.
- Member, American Association for the Advancement of Science (AAAS).
- Fellow, Internal Association of Plant Tissue Culture.
- Fellow, Indian Phyto-Pathological Society of India.
- Fellow of Bangladesh Association of Plant Tissue Culture.
- Visiting Fellow of Murdoch University (1993-94).
- Member on the Institutional Bio-safety Committee, appointed by Ministry of Science and Technology, DBT, Govt. Of India.

b) Prof. N. Rama Swamy:

- Fellow of Indian Botanical Society.
- Fellow of Genetics and Plant Breeding.



- (iii) Fellow of Indian Association of Plant Morphologists.
- (iv) Fellow of Academy of Plant Sciences.
- (v) Fellow of International Association of Plant Molecular Biology.
- (vi) Fellow of Indian Science Congress Association.
- (vii) Fellow of International Association of Plant Biotechnology.
- (viii) Fellow of Linnaean Society of London, UK.
- (ix) Visiting Fellow, Sant Gadge Baba, Amravati University; Amravati.
- (x) Member on the Institutional Bio-safety Committee, appointed by Ministry of Science and Technology, DBT, Govt. Of India
- (xi) Fellow, New York Academy of Sciences, USA.
- (xii) Visiting Research Professorship Award at NEHU, Shillong by Department of Biotechnology

2. Economics:

- a) Prof. T. Jyothi Rani is the Chairman of Women's Welfare, Committee against the Sexual Harassment on Women at Work Place.
- b) Prof. Md. Iqbal Ali is on the NAAC Peer Committee as Chairman and is also on the UPSC Selection Committee as a Member.

3. Education:

- a) Prof. N. Ramnath Kishan is NAAC Peer VT Member.
- b) Prof. N. Ramnath Kishan is a SRC-NCTE VT Member
- c) Prof. S. Mahender Reddy is a NAAC Peer VT Member.

4. Library and Information Science:

- a) B. Radhika Rani is (i) Executive Council member of Professional Association (ALSD), Life member of Andhra Pradesh Public Libraries Association.

5. Mathematics:

- a) Prof. P. Malla Reddy is reviewer for the following international journals.
 - (i) Journal of Vibration and Control.
 - (ii) Journal of Porous Media.
 - (iii) Special Topics and Reviews in Porous Media, an International Journal.
 - (iv) Geophysical Journal International.
 - (v) International Journal of Communication Systems.

6. Engineering:

- a) Prof. T. Srinivasulu is reviewer for the following journals.
 - (i) Reviewer, International Journal of Measurements, Elsevier Publications
 - (ii) Reviewer, Journal of Instrumentation, ISOI IISc Bangalore
 - (iii) Peer Reviewer-IEEE-ICMLC 2011, Singapore
 - (iv) Reviewer: IEEE SCORed- 2012 -2012 IEEE Student Conference on Research and Development
 - (v) Reviewer: ICEED2012-2012- 4th International Congress on Engineering Education (ICEED 2012)
 - (vi) Reviewer: ICCSII 2012- IEEE Conference on Control, Systems & Industrial Informatics Program



- (vii) Reviewer: PECON 2012-IEEE International Conference on Power and Energy
- (viii) Reviewer: ISBEIA 2012-IEEE Symposium on Business, Engineering and Industrial Applications
- (ix) Reviewer: ISIEA 2012-IEEE Symposium on Industrial Electronics and Applications
- (x) Fellow of Institute of Electronics and Telecommunication Engineers (IETE)
- (xi) Life members of Broadcast Engineers Society of India (BSCI)
- (xii) Life Member, Indian Society for Technical Education (ISTE)
- (xiii) Life member, Instrument Society of India (ISOI)
- (xiv) Member, Institution of Electrical and Electronics Engineering (IEEE), USA
- (xv) Life member, The Mining Geological & Metallurgical Institute (MGMI)
- (xvi) Life member, Indian Society of Rock Mechanics and Tunnelling Technology (ISRMTT)
- (xvii) Life Member, Indian JSPS Alumina Association
- (xviii) Senior Member, International Association of Computer Science and Information Technology (IACSIT), Singapore

7. Pharmacy:

- a) Prof. Ciddi Veeresham, NBA Peer visiting team member.
- b) Prof. Y.M. Rao, AICTE Peer visiting team member.

8. Microbiology;

- a) Prof. S. Girisham is the member of an Indian Journal of Microbiology, Indian Botanical Society, Indian Society of Mycology and Plant Pathology, A.P. Academy of Sciences and Indian Science Congress.
- b) Dr. Srinivas Munjam is the member of Association of Microbiologist of India, and American Association for the Advancement of Science.

9. Public Administration and HRM:

- a) Prof. R. Ram Reddy: Collaborative work with Dr. John Lako of the University of the South Pacific, Fiji, Project Title: Workplace Diversity, Discrimination and Harassment of expatriate Academics in South Pacific Higher Education, 2010-12, F\$ 10,000/-.

10. Chemistry:

- a) Prof. V. Ravinder, Leibniz Institute for catalysis, University of Restock, Germany, 2009.



3.4.5. Average number of M.Phil. and Ph.D. scholars guided per faculty during the last four years. Does the university participate in *Shodhganga* by depositing the Ph.D. theses with INFLIBNET for electronic dissemination through open access?

- The average candidates guided per faculty for M.Phil is one and Ph.D is 04. All the theses after the award are deposited in the University Library for open access.

3.4.6. What is the official policy of the university to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.

- The university has constituted a cell to monitor and screen the research work submitted for the award of Ph.D as per the UGC guidelines.

3.4.7. Does the university promote of inter-disciplinary research? If yes, how many inter departmental/interdisciplinary research projects have been undertaken and mention the number of departments involved in such endeavours?

Yes

- The departments involved in the interdisciplinary research are Botany, Zoology, Pharmacy, Physics, Biotechnology and Microbiology. Currently three interdisciplinary projects are funded by DBT, AICTE and MoEF.

1. Microbiology and Biotechnology.
2. Zoology and Biotechnology.
3. Zoology and Pharmacy.

3.4.8. Has the university instituted any research awards? If yes, list the awards.

No

3.4.9. What are the incentives given to the faculty for receiving state, national and international recognition for research contributions?

Nil

3.5. Consultancy

3.5.1. What is the official policy of the University for Structured Consultancy? List a few important consultancies undertaken by the university during the last four years.

The university has the policy of sharing consultancy on 40:60 for the university and consultant.

3.5.2. Does the university have a university-industry cell? If yes, what is its scope and range of activities?

Yes

The University has University-Industry cell to facilitate an interaction between academia and industry.



3.5.3. What is the mode of publicity of the expertise in the University for Consultancy Services? Which are the departments from whom consultancy has been sought?

The university uses its website as a major source of publicity. The departments of Pharmacy, Botany, Bio-Technology, English, and Business Management extended consultancy services.

3.5.4. How does the university utilize the expertise of its faculty with regard to consultancy services?

The university encourages the faculty to interact with the people from industry professionals to find out the areas of consultancy projects and to work out the relationship details.

3.5.5. List the broad areas of consultancy services provided by the university and the revenue generated during the last four years.

The consultancy services are provided by Botany, Pharmaceutical Sciences, Biotechnology, Instrumentation, English, Business Management departments.

3.6. Extension Activities and Institutional Social Responsibility (ISR)

3.6.1. How does the university sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students campus experience during the last four years.

- The University conducts regular extension activities and services so that, education and research benefits reach the society as they are integral part of the curriculum.
- Most of the extension activities are organized by National Service Scheme (NSS).
- Other units of the University Career and Guidance Cell/Students Placement Cell, the College Development Council (CDC), Department of Physical Education, and some of the departments like Department of Psychology, Other centers like Center for women's studies, Ambedkar Center, SC/ST Cell, Kakatiya Adhyayana Kendram, CELT also participate in the community activities in terms of analyzing the social issues and bring awareness on many of the issues by organizing discussions.
- Faculty frequently delivers popular lectures in various schools and colleges within the city and outside.
- They also participate in Radio, TV talks and interviews on social issues.
- Some of the activities in this connection include education fairs, medical camps, health awareness programmes, cultural festivals, inter-college and inter-University sports meet, literacy programmes, blood donation camps, health care camps, rural development programmes, etc.
- These activities are mostly funded by UGC; camps under the DST INSPIRE programme are regularly organized by the University departments.
- Law department provides legal advice to the needy.
- The University has Yoga centre which conducts extension activities in which faculty, students and members from outside University also participate.



3.6.2. How does the university promote university-neighbourhood network and student engagement, contributing to the holistic development of students and sustained community development?

The university has a practice of adopting nearby villages for literacy development educating the rural masses by the students on various issues through NSS, B.Ed and MA (Psychology) programmes.

3.6.3. How does the university promote the participation of the students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International programmes?

University has NSS, NCC and Centre for Women Studies through which faculty and students participate in extension activities for community development.

3.6.4. Give the details of social surveys, research or extension work, if any, undertaken by the university to ensure social justice and empower the underprivileged and the most vulnerable sections of society?

- The departments in the social science faculty, Commerce and Business management, SC/ST and Minority Cells ensure social justice to under privileged.
- Faculty members conduct research studies on the contemporary topics related to underprivileged and vulnerable sections of society.

3.6.5. Does the university have a mechanism to track the students' involvement in various social movements/activities which promote citizenship roles?

Yes

- The faculty members have got the practice of ascertaining the details of students' involvement in various movements such as literary, environmental problems, population awareness programmes, health awareness, and women empowerment etc through Student Welfare Centre, Mentors and Centre for Women Studies.
- Students actively participated in Telangana agitation for separate Statehood successfully.

3.6.6. Bearing in mind the objectives and expected outcomes of the extension activities organized by the university, how did they complement students' academic learning experience? Specify the values inculcated and skills learnt.

- The university is trying to inculcate the values of patriotism, social responsibility, honesty, integrity and interpersonal skills of students by encouraging them to participate in extension activities by adopting some villages. These activities help them to learn human values by serving the adopted villages.

3.6.7. How does the university ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the university which have encouraged community participation in its activities.

- University through its constituent and affiliated colleges undertake outreach activities with its NSS and NCC wings and involve the local community for ensuring the maximum benefit to the community.



3.6.8. Give details of awards received by the institution for extension activities and contributions to social/community development during the last four years.

- The NSS of Kakatiya University was recipient of Indira Gandhi 2011 award from the Ministry of Youth Affairs & Sports, Government of India for commendable service. The centre for Women studies, NSS, NCC is undertaking extension activities at regular intervals.

Table – 3.12
Best NSS Programme Officers

Sl.No	Name of the NSS officer	Name of the Award	Year
1	Dr. B. Suresh Lal, Programme Coordinator, NSS Cell, KU	The President Volunteer Service Award by National Community Service. U.S.A.	2012-13
2	Dr. B. Suresh Lal, Programme Coordinator, NSS Cell, KU	the Mother Teresa Gold medal Award	2012-13
3	Dr. B. Suresh Lal, Programme Coordinator, NSS Cell, KU	Award for AIDS Awareness Programme and Blood Donations by APSACS, Hyderabad.	2012-13
4	Sri. R. Shravan Kumar, Programme Officer, Kakatiya Govt. Degree College, Hanamkonda	State Level NSS Award	2012-13
5	Mr. Mohd. Azam, Volunteer, University Campus College, Hanamkonda	State Level NSS Award	2012-13
6	Sri. R. Shravan Kumar, Programme Officer, Kakatiya Govt. Degree College, Hanamkonda	Indira Gandhi National Award for Letter of Appreciation	2012-13
7	Dr. B. Suresh Lal, Programme Coordinator, NSS Cell, KU.	The President Volunteer Service Award by National Community Service. U.S.A	2013-14
8	Dr. B. Suresh Lal, Programme Co-ordinator, NSS Cell, KU	Gold medal and Merit Certificate by the Hon'ble Governor of A.P for Highest number of Blood Donations camps	2013-14
9	Dr. B. Suresh Lal, Programme Co-ordinator, NSS Cell, KU	Best Motivator Award for highest number of Voter enrolment in the district	2014-15
10	Dr. B. Suresh Lal, Programme Co-ordinator, NSS Cell, KU	Indira Gandhi National Award (Letter of Appreciation) on 19th November, 2014	2014-15

Table – 3.13
Awards Received by NSS Volunteers

Sl. No.	Name of the NSS Volunteer	Award Name	Year
1.	Mr. Mohd. Azam, Volunteer, University Campus College, Hnk	Indira Gandhi National Award for Letter of Appreciation	2012-13
2.	Mr. N. Anil Kumar (Volunteer) University P.G. College, Subedari, Hanamkonda	State Level Awards	2013-14
3.	Mr. L. Vinod Volunteer, Govt. Degree College for Men, Adilabad	University Level Certificate of Appreciation	2015-16
4.	Mr. G. Ram Reddy, Volunteer, Lal Bahadur College, Warangal	University Level Certificate of Appreciation	2015-16
5.	Ms. Viharika, Volunteer, KSR Mahila Degree College, Narsampet	University Level Certificate of Appreciation	2015-16



6.	Ms. G. Geethanjali, Volunteer, Vikas Degree College, Jannaram, Adilabad	University Level Certificate of Appreciation	2015-16
7.	Ms. E. Meena Volunteer, Priyadharshini Degree College, Khammam	University Level Certificate of Appreciation	2015-16
8.	Mr. V. Chakravarthi, Volunteer, SR & BGNR Govt. Degree College, Khammam	University Level Certificate of Appreciation	2015-16
9.	Ms. G. Geethanjali, Volunteer, Vikas Degree College, Jannaram, Adilabad	University Level Certificate of Appreciation	2015-16
10.	Mr. Suman, Volunteer, University Arts & Science, College, Warangal	University Level Certificate of Appreciation	2015-16

PEACE AMBASSADOR AWARDS

- Peace Festival an International Society and NSS KU jointly organized Peace Ambassador Award functions in more than 120 Colleges in three districts to promote and inculcate national unity, peace among the students irrespective of caste, creed, religion and gender.

3.7 Collaboration

3.7.1. How has the university's collaboration with other agencies impacted the visibility, identity and diversity of activities on campus? To what extent has the university benefitted academically and financially because of collaborations?

1. Establishment of research laboratories
 2. Campus recruitment by the industry.
 3. Collaborative research
 4. Workshops, refresher courses, training programmes, seminars
 5. Interaction with reputed scientists and eminent personalities.
- Collaboration has made the university vibrant and it has helped academically and financially.

3.7.2. Mention specific examples of how these linkage promote

- Curriculum development - PG Diploma in Sericulture
- Internship - Student visits to Research organizations and Institutes
- Faculty exchange and development - Through faculty exchange, students got benefitted in Pharmacy and Biotechnology departments
- Research - Several departments got benefitted from collaborative research
- Publication - Collaborations resulted in a number of publications
- Student placement - Campus recruitments

3.7.3. Has the university signed any MoUs with institutions of national/international importance/other universities/industries/corporate houses etc.? If yes, how have they enhanced the research and development activities of the university?

Yes, the list is given below.

1. The Department of Plant Molecular Biology, Groningen University, the Netherlands and the Department of Biotechnology, Kakatiya University.



2. The Botanical Institute Ludwig, Maximillians University, Munich, Germany and the Department of Botany and Biotechnology, Kakatiya University.
3. The Murdoch University, Perth, WA and the Department of Biotechnology, Kakatiya University.
4. The National Centre for Genetic Resources & Biotechnology, Brasilia, Brazil and the Department of Biotechnology, Kakatiya University.
5. Eretria Institute of Technology, Asmara.
6. The European Union under ERAMUS Project.
7. Doctus, Hyderabad
8. WSU, MSU and ISU, USA in Biotechnology.
9. Girne American University, Cyprus, UK.
10. NTH Co., Ltd., Japan.
11. NSL Mining Consolidated Ltd, Australia and
12. MDI, Gurgoan for the exchange of students and teachers between the institutions.
13. Australian Centre of Industrial Biotechnology, AC1B, GmbH, Petersgasse,14, 8010 Graz
14. International Institute of Waste Management, Bhopal, M.P.
15. University of Malaysia Penhang, Govt. Of Malaysia, Malaysia and the Kakatiya University.
16. ONAN Biotech Pvt. Ltd., Hyderabad
17. Directorate of Seed Research, Kaithali, Mau – 275101 (UP).
18. International collaboration with Institute of Plant Biology, Biological Research Centre, Hungary.
19. International Collaboration with Institute of Systematic Botany and Mycology, LMU, Munich, Germany.
20. International Collaboration with Shnaghai Institute of Biological Sciences, Shanghai, China 200032.

3.7.4. Have the university-industry interactions resulted in the establishment/creation of highly specialized laboratories/facilities?

- Department of Bio-Technology developed Bioinformatics Infrastructure Facility (BIF) for promotion of biology teaching through Bioinformatics under BTIS net programme with a cost of Rs. 43.0 lakhs.



CRITERION – IV : INFRASTRUCTURE AND LEARNING RESOURCES

4.1. Physical Facilities

4.1.1. How does the university plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

- The university is spread over about 650 acres.
- The university has all the central facilities like auditorium, indoor stadium, health center, computer center, central library, open air theater, sprawling playgrounds and canteen.
- Most of the departments have well-furnished seminar halls for organizing academic programmes like seminars, symposia, workshops, conferences etc and for all programmes conducted by faculty members and students.
- All departments have class rooms/seminar halls with LCD projectors and computers with internet connectivity and audio system.
- The departments have adequate space for housing laboratories and equipment.
- The department of Commerce and Business Management has ICT enabled conference hall with interactive boards.

4.1.2. Does the university have a policy for the creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

Yes

- Resources are allocated every year to develop infrastructure to construct new buildings, addition of class rooms and for the maintenance of existing old buildings.
- Recently, university extended the university engineering college building, commerce & business management building, administrative building and school of distance learning and continuing education building.
- New hostel buildings have been constructed. The university also initiated steps to expand its infrastructure in campuses outside Warangal. Further, university initiated following steps.
 1. Underground telephone cabling.
 2. Campus Networking and Net facility to all departments.
 3. Every department has LCD projectors to be used in the classrooms.
 4. Space is allocated for conducting Yoga classes.
 5. Wired NKN, LAN is available. The Network is on optical fiber.
 6. Commerce & Business Department has classroom with electronic boards and digital podiums for interactive sessions which can accommodate about 200 participants and the proceedings can be recorded.

4.1.3. How does the university create a conducive physical ambience for the faculty in terms of adequate research laboratories, computing facilities and allied services?

- Every faculty member is given a separate room.
- All departments and faculty are provided with internet connection and a link to INFLIBNET facility.



- All sophisticated instruments for research are interfaced with computers.
- In some cases, on account of MoUs with other institutes additional facilities are provided to the faculty.
- Some facilities are also created by Alumni.
- Most of the laboratories in the university have the state-of-the-art equipment, to cite a few, NMR, DSC, TGA, HPLC, Fluorescent Microscope, green house facility etc.
- The maintenance of the equipment is monitored by the respective Heads of the Departments.

4.1.4. Has the university provided all departments with facilities like office room, common room and separate rest rooms for women students and staff?

Yes

- The University ensures that there are adequate facilities in all the departments like office rooms, toilets, with a special provision for physically challenged persons, common room for women staff and students and a health centre on the campus.

4.1.5. How does the university ensure that the infrastructure facilities are disabled friendly?

- All the buildings are provided with ramps and are user friendly for the physically challenged. In most of the departments, the classrooms and labs are located in the ground floor. Wheel chairs are provided in the Central Library.

4.1.6. How does the university cater to the requirements of residential students? Give details of

- **Capacity of the hostels and occupancy (to be given separately for men and women)**

Table – 4.1
Hostels Capacity and Occupancy

Sl. No.	Name of the Hostel	No. of Rooms	Number of seats	Number of occupants
For Men				
1	Pothana Hostel	105	210	315
2	Ganapathi Deva I, II and III	20	160	300
3	B. R. Ambedkar Hostel	40	120	200
4	Old Pharmacy Hostel	22	65	85
5	Vidyaranya Pharmacy Hostel	18	40	95
6	Vivekananda Research Scholars Hostel	40	80	120
7	Physical Education Hostel Quarters BPED & MPED	10	30	60
8	Engineering Hostel	62	248	350
9	Law Hostel	16	90	90
For Women				
10	Padmakshi Women's Hostel	60	300	420
11	Working Women's Hostel	90	360	450
12	New Women's Hostel	46	180	280
13	Babu Jagjivan Ram Chatravas SC Girls Hostel	40	200	280
14	SC Girls Hostel (under SC/ST sub-plan)	30	150	150
	Total	534	2233	3195



- Recreational facilities in hostel/s like gymnasium, yoga centre, etc.
- All the hostels are surrounded by play fields of the university.
- Jogging tracks, walking tracks, gymnasiums are available to the students both in the mornings and in the evenings.
- Badminton, volley ball and Basketball courts are available and grounds men are appointed to assist students every day.
- Indoor stadium complex is available.
- Broadband connectivity/Wi-fi facility in hostels
- The Wi-Fi facility is available in the hostels.

4.1.7. Does the university offer medical facilities for its students and teaching and non-teaching staff living on campus?

Yes

- Since the inception of the University, Health Centre has been providing the medical facilities to the students, research scholars, teaching-staff, non-teaching staff, class-IV, daily-wage, lump-sum, time-scale employees and their families including retired employees and their spouses.

A. STAFF-PATTERN:

Medical Staff

Medical Officer, Consulting Physician, Consulting Surgeon, Consulting Dermatologist and Consulting Gynaecologist

Para -Medical Staff

Pharmacist, Nurse, Dresser, Lab-Technician/Asst. to Physiotherapist, Ambulance Driver, Kamati and Mali.

- A Member-in-charge looks after the maintenance and administration of the Health Centre.

B. THE FOLLOWING ARE THE HEALTH FACILITIES AVAILABLE IN THE HEALTH CENTRE.

Ambulance facility for 24 hours, ECG facility, Oxygen facility, Electro cattery, Suction apparatus, Auto analyzer, I.V. fluids, Pathological investigations, Anti-septic dressing, Free supply of medicines, Day care centre and Physiotherapy unit.

- University provides financial support of Rs.50,000/- to certain diseases like Heart and Kidney etc.
- The University encourages employees to go for medical health insurance by contributing an amount of Rs.900/- per employee.

C. HEALTH SERVICES EXTENDED TO EMPLOYEES:

- Daily about 100-120 out-patients take treatment in health centre. University provides medicines for chronic diseases like diabetic and hypertension, etc.
- 24 hours Ambulance facility.

**D. COMMUNITY SERVICES (Year wise)**

- Regular health camps are conducted in the Health Centre for students and employees as part of Medicare.

The following are the free health camps conducted in the university.

2008 -2009

- In the year 2008, family planning programme was conducted for employees of university.
- In the year 2009, blood donation camp was conducted by NSS students.
- AIDS awareness programme was conducted
- Lungs & chest diseases check-up camp was conducted on 06-09-2008.

2009-2010

Following programs were conducted.

- Hypertension and diabetic camp.
- Health awareness programme.
- Health exhibition.
- Bone density test camp.
- Hepatitis vaccination camp.

2010- 2011

- Hypertension & Diabetic detection camp was conducted in collaboration with Blue Cross Laboratories Ltd. on 24.02.2010. Camp was supervised by Dr. V. Chandrashekar, Asst. Professor of MGM. Warangal.
- A free cardiac camp was conducted in collaboration with Aware Global Hospital, Hyderabad on 27.12.2010, supervised by Dr. Y.P. Raju, Cardiologist.
- Dental camp
- Ayurvedic camp
- Urology camp
- Cardiology camp (provided RBS, ECG, 2D Echo and medicines)
- Yoga Training Classes from August 2-12, 2010
- Free Cardiac Health Camp at University Health Centre on December 27, 2010.

2011- 2012

- A Urology camp was conducted on 5.6.2011 and about 70 patients were given treatment in the camp by Dr. N. Upendra Kumar M.Ch. (Urology) Sr. Consultant Urologist, Andrologist and Transplant surgeon from Aware Global Hospital, L.B. Nagar, Hyderabad. The camp was inaugurated by Prof. B. Venkataratnam, Vice-Chancellor. KU. Diseases treated in the camp are:
 1. Kidney problems
 2. Renal Stones.
 3. Urinary Infections.



4. Prostatic gland problems.
 5. Testicles problems in males
 6. Infertility problems in females.
- A free neurology health camp was conducted on 8.8.2011, in association with Lions Club of Hanamkonda. The camp doctor was Dr. Murali Krishna MD (Gen.Med.) DM (Neurology), Aware Global Hospitals, L.B. Nagar. Hyderabad.
 - Free cardiac check-up on 23.2.2012 in association with Aware Global Hospital Hyderabad was conducted. Camp doctor was Dr. Sridhar Kasturi, MD DM, FACE, Head Dept. of Cardiology.
 - Free Urology Health Camp Organized by Aware Global Hospitals, Hyderabad on June 6, 2011.
 - Free Dental Checkup Camp at Health Centre on March 31, 2011.

2012- 2013

- A Urology camp was conducted on 24.04.2012.
- Dental camp was conducted on 7-6-2012. Consulting doctors were:
 1. Dr. G. Giridhar Reddy, MDS.
 2. Dr. K. Kiran Kumar, BDS.
 - 3.. Dr. G. Shanthi, BDS.
- A physiotherapy unit was inaugurated in the health centre, KU, on 12.09.2012.
- Medical check-up camp of pathological investigations on concessional rates was conducted by Aware Global Hospital, Hyderabad.
- A team of doctors and Para-medical staff were sent along with students who participated in inter-university tournaments.
- Free "Neurology Gastroenterology" Check Up - Health Camp on March 7, 2012
- A team from health centre also attended to treat the delegates of the youth festival.
- Free "Neurology Gastroenterology" Check Up - Health Camp on March 7, 2012
- Free Dental Health Camp on June 7, 2012.
- Free Health Urology Checkup Camp on April 24, 2012.
- Free Orthopedic Health Camp at University Arts & Science College on 6.8.2012
- Inauguration of Physiotherapy Unit at Health Centre on 11.9.2012
- . World Heart Day Celebrated on 29.10.2012

2013- 2014

- Free Ophthalmology camp was conducted on 18.03.2014 to 20.03.2014 (3days). In association with VASAN EYE CARE Hospital, Hanamkonda. Specialist doctor on the camp was Dr. Raj Kumar, MS DO.
- Pathological Investigations camp was conducted by Thyocare Diagnostics Centre, Bombay for 3 days from 18-03-2014.



- Orthopedic, Neurology and Gynecology camp (pop-smear test free of cost) was conducted by MAX CARE HOSPITAL. Hanamkonda on 7.04.2014 on the occasion of World Health Day.
- A One Week Yoga Training Camp at Padmakshi Women's Hostel from February 23, 2014
- Free Ophthalmology Check Up Health Camp" by Vasani Eye Care Hospitals, Chennai from March 18-20, 2014
- . A Two day National Seminar on "Stress and Well-being" from March 24-25, 2014.

2014-2015.

- Inter-Collegiate "Voluntary Blood Donation Day" Rally on 14th June, 2014 with 938 Volunteers.
- International Yoga Day on June 21, 2015
- A Week-long programme organized on Yoga and its potential benefits by the NSS Volunteers in different colleges in Warangal district from June 15- 21, 2015

2015-2016

- Blood Donation Camp on April 20, 2016
- Organized a seven day Mega medical Camp at Sammakka Saralamma Medaram Jatara from February 12-20, 2016 with 700 Volunteers.
- Organized blood donation camp on 14th July, 2016 and volunteers donated 43 units of Blood.
- Blood Donation Camp at SDLCE on March 15, 2016
- A Five Day Yoga Therapy Camp from September 18-22, 2015.

E. PERFORMANCE IN SPORTS ACTIVITIES:

- In all sports competitions, which are conducted by University Sports Board, a team from our health centre supervises medical facilities to the participants.
- Medical team provides immediate FIRST AID facilities like pain relief sprays, dressing, injections and necessary tablets.
- An ambulance will be kept in the play field during sport events.
- Our health centre team extended service to sports persons who played SOUTH ZONE HAND BALL TOURNAMENT which was conducted in campus play fields.
- Medical team from health centre attended to treat the injured players of cricket team.
- Medical team extended medical facilities to Youth Festival Delegates in month of November, 2013.

4.1.8. What special facilities are available on campus to promote students' interest in sports and cultural events/activities?

Sports:

The facilities include

- 1) Indoor Stadium (3 Badminton Court & 2 Table Tennis courts)
- 2) Gymnasium Hall
- 3) Standard Track (400 mts)
- 4) Walking Track (600 mts)
- 5) Kho-Kho courts (2)



- 6) Kabaddi courts (2)
- 7) Handball courts (3)
- 8) Six Cricket Pitches (60 Mtrs)
- 9) Volley Ball courts (3)
- 10) Basket Ball court (1)
- 11) Ball Badminton court (1)
- 12) Hockey Play field ground
- 13) Foot Ball Play ground

Cultural events

1. An Auditorium with seating capacity 1200 seats.
2. Several Conference Halls with audio-visual facilities.

4.2. Library as a Learning Resource

4.2.1. Does the library have an Advisory Committee? Specify the composition of the committee. What significant initiatives have been taken by the committee to render the library student/user friendly?

Yes, library has an advisory committee. The composition of the committee is the following.

- Vice-Chancellor – Chairman
- Heads of the Departments – Members
- Librarian – Member – Convener
- The functions of the library advisory committee are to review the progress and performance of the library and to resolve the problems of the library building, furniture, equipment, staff, finances, books and other policies of the library.
- Wi-Fi zones are created in library premises
- Wheel chairs are provided for differently-abled students.
- Complete automation of library
- Xerox facilities
- Aesthetic ambience

4.2.2. Provide details of the following:

Some of the special initiatives include round the clock services of the reading room with emphasis on students appearing for competitive examinations.

Area of the Library **27,580 sq. ft.**

Total Seating Capacity **500 Members**

Working hours

1. On working days 8.00 am to 8.00 pm
2. On holidays 10.00 am to 4.00 pm



Layout Library

- Library comprises circulation, stacks, reading halls and OPAC for browsing, material for competitive examinations, reference books, periodical sections, sign boards, fire alarms and office.
- Special access facilities like ramps with safety railing have been provided.

Display of floor plan

Yes

4.2.3. Give details of the library holdings:

a) Print (books, back volumes and theses)

1. Books	1,54,158
2. Back Volumes	30,865
3. Theses and Dissertations	4,086
4. Text books	73,250
5. Reference books	15,203
6. Book Titles	84,800

b) Average number of books added during the last three years

1511

c) Non Print (Microfiche, AV)

--

d) Electronic (e-books, e-journals)

1. E-books	e resources can be accessed from all departments on the Campus
2. E-Journals	44,300

e) Special collections (e.g. text books, reference books, standards, patents)

- The library is possessing special collections of about 88,453 items in the form of text books, reference books, standards, papers etc.

f) Book Banks

1. SC/ST Book Banks	2,763

4.2.4. What tools does the library deploy to provide access to the collection?

- The university makes use of electronic resource management package for providing access to OPAC, e-journals and e-books are accessible through INFLIBNET

4.2.5. To what extent is ICT deployed in the library? Give details with regard to

- The library automation is done to make it user friendly.
- The total number of computers available for general access is eight.
- The number of printers available is three.
- Internet bandwidth speed: 2mbps, 10mbps, 1GM, VPN/1gbps- NKN connectivity.



- The work involved in the section is to create, update, maintain and manage the various databases as per the INFLIBNET programme.
- This includes the data bases of books, theses (M.Phil. & Ph.D.) and periodicals (current and back volumes and experts data base).
- In this section, a book database of more than 90,000 records has been created.
- The theses database is completed and has been sent to INFLIBNET to keep in the National Database.

Participation in resource sharing networks/consortia (like INFLIBNET)

Yes

- The central library provides access to electronic journals and databases online to all the departments through UGC INFONET electronic journal consortia using the campus network.

4.2.6. Provide details (per month) with regard to

Average number of walk –ins	5,200
Average number of books issued/returned	2,000
Ratio of library books to students enrolled	50:1
Average number of books added during the last four years	3436
Average number of login to OPAC	700
Average number of login to e-resources	1000
Average number of e-resources downloaded/printed	1200
Number of IT literacy trainings organized	02

4.2.7. Give details of specialized services provided by the library with regard to

Manuscripts Rare and valuable book collections are maintained in the reference section.

Reference	Yes
Reprography/Scanning	Yes
Inter-Library loan service	Yes
Information Deployment and Notification	Yes
OPACs	Yes
Internet Access	Yes
Downloads	Yes
Printouts	Yes
Reading list/Bibliography compilation	Yes
In-house/remote access to e-resources	Yes
User orientation	Yes
Assistance in searching Databases	Yes
INFLIBNET/IUC facilities	Yes

4.2.8. Provide details of the annual library budget and the amount spent for purchasing new books and journals.

Library Budget	Rs.13, 35,000
Purchasing of books	Rs. 4, 38,000
Subscription of Journals	Rs. 5,60,000
Automation	Rs. 3,00,000



4.2.9. What initiatives has the university taken to make the library a 'happening place' on campus?

- Aesthetics of the library has been enhanced with spacious reading and reference rooms, extension of the building with cubicles for research scholars and students.
- Digitalized library information system OPAC.
- Photocopying facility, round the clock study room facility for the competitive aspirants,
- Lord Buddha, Saraswathi enclosures, big model chess board and sprawling lawns.
- Wi-Fi facility is provided to all the users in the library during working hours.
- Wi-Fi zones are also created within the premises of central library.
- The use of electronic databases, OPAC etc., encourages the students to have more collaborative and interactive learning.
- Book review and releasing functions.

4.2.10. What are the strategies used by the library to collect feedback from its users? How is the feedback analyzed and used for the improvement of the library services?

- Feedback is obtained through complaints and suggestions box.
- Visitors Books for suggestions.
- Wi-Fi zones and wheel chairs in the library have been provided after receiving the suggestions from students and staff members.

4.2.11. List of efforts made towards the infrastructural development of library in last four years

Several measures have been taken for infrastructural development of library in last four years. The details are as follows:

1. Air Conditioners (Numbers)	2011-12	04
2. Book racks (Godrej) (Numbers)	2010-11	12
	2012-13	09
	2013-14	12
	2014-15	10
	2015-16	09

3. Water Cooler
 4. 12 computer systems
 5. LCD projector
 6. A separate internet section is being maintained in new library building.
- Efforts are made to develop and maintain the infrastructure of the central library.

4.3. IT Infrastructure

4.3.1 Does the university have a comprehensive IT policy with regards to IT Service Management?

Yes

- The Office of the IT infrastructure maintains WEB Server, data server, Mail server, IT Services, Internet and Website.



- The university has a computer centre and an In-charge has been appointed for effective management of IT services.
- The IT infrastructure, servers, intranet, software etc. are procured and maintained for efficient IT management.
- All problems of IT infrastructure in the departments are solved by the technicians working in the computer centre.

Information Security:

- Traditional user name/ password mechanism is used by individual systems to protect the information.

Network Security:

- Incoming and outgoing data traffic into the KU LAN is routed through the router provided by NIC as part NKN 1Gbps connectivity.
- Fire Walls have been installed inside router to provide the security to some extent.

Risk Management:

University maintains backups.

Software Asset Management:

- Specialized Software procured and maintained by the individual departments. Open source software is widely used for academic training.

Open Source Resources:

Departments will use the open source resources like LINUX and Open Office, etc depending on their needs.

Green Computing:

In order to prevent greenhouse gas emissions in the campus, the employees are advised as follows:

1. The systems will have to be turned off when not in use.
2. Systems should not be left in sleep mode.
3. Printers should be switched off when not in use.
4. Recently procured devices are energy star compliant.
5. In most of the cases, documents are circulated through e-mails.
6. Paper, ink and tonner are conserved following general tips.
7. Disposing of outdated systems for recycling.

4.3.2 Give details of the university's computing facilities i.e., hardware and software

Computer-student ratio: 1:4



Table – 4.2
Number of systems with individual Configurations

Configuration	No of nodes
Pentium dual core E5300@2.60GHz/1GB/320GBHDD	450
Pentium dual core E6700@3.20GHz/2GB/320GBHDD	300
Core to Quad Q8200@233GHz/2GB/320GBHDD	50
Pentium IV @2.40GHz/512MB/80GBHDD	50

Dedicated computing facilities:

- One computer centre with 100 systems/nodes with internet facility is made available to the students and scholars to carry out their work based on internet access.
- All departments have separate computing facilities exclusively for students.

LAN facility:

- Wired LAN facility is available in the University.

Proprietary software:

- LINUX, UBUNTU open source operating system

Number of nodes / computers with internet facility:

- 850

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT Infrastructure and associated facilities?

- The In-charge, computer centre in consultation with Principals and Heads identifies the needs for improving IT infrastructure and associate facilities and prepares institutional plan and with the approval of IT development committee implements the plan.
- Procuring data.
- Replacing the old systems with new systems.
- Updating the University website continuously.

4.3.4 Give details on access to on-line teaching and learning resources and other knowledge and information database/packages provided to the staff and students for quality teaching, learning and research.

- Teachers and students use video lectures available in you tube for teaching and learning in addition to conventional text and reference books.
- The Central Library also provides access to electronic journals and databases online to all the departments through UGC INFONET electronic journal consortia using LAN.



4.3.5. What are the new technologies deployed by the university in enhancing student learning and evaluation during the last four years and how do they meet new/future challenges?

- In addition to the conventional black board teaching, lectures by power point presentations, video lectures and student seminars through power point presentation are introduced.
- Students are also encouraged to download latest developments in the respective fields and discuss them in seminar talks.
- E-Class rooms are available in the departments of Mathematics and Computer science.

4.3.6. What are the IT facilities available to individual teachers for effective teaching and quality research?

- All the faculty members are provided with a personal computer with internet connectivity and LAN facility with accessibility to on-line journals.

4.3.7. Give details of ICT-enabled classrooms/learning spaces available within the university? How are they utilized for enhancing the quality of teaching and learning?

- Every department has LCD projectors for use in classrooms to enhance quality of teaching and learning.
- For students, browsing centers are available in central library and in Departments.
- Commerce & Business Management Department is equipped with IT enabled conference hall with interactive and smart boards for group discussions and learning.

4.3.8. How are the faculty assisted in preparing computer-aided teaching learning materials? What are the facilities available in the university for such initiatives?

- Through training programs on the preparation of power point presentations, Internet, Simulation, etc.

4.3.9. How are the computers and their accessories maintained?

- Computers are maintained through AMC. LAN and network facility in the campus is maintained by the In-charge computer centre with technical staff.

4.3.10. Does the university avail the National Knowledge Network connectivity? If so, what are the services availed of?

Yes

- NKN facility is available in the campus.
- Incoming and outgoing traffic in KULAN is routed through the router provided by NIC as part of NKN 1 Gbps connectivity.

4.3.11. Does the university avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?

Yes, the faculty and students avail the web resources like Wikipedia, dictionary and other resources.



- The university has a separate department with a web master who coordinates among all the departments and stakeholders.

4.3.12. Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the university

- The budget allocated for the update and maintenance of computers, internet, computer networking and website is about Rs. 1.50 lakh.
- In addition to the budget, some is available from the funds various research schemes.

4.3.13. What plans have been envisaged for the gradual transfer of teaching and learning from closed university information network to open environment?

- The university is planning to record the class room lectures of the teachers and keep them in university web to make it accessible to all.

4.4. Maintenance of Campus Facilities

4.4.1. Does the university have an estate Office/designated officer for overseeing the maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

Yes

- University has an estate office (Development Office, Kakatiya University).
- Avenue plantation officer takes care of the beautification of the campus.
- Every building is surrounded by a well maintained garden.
- A separate watershed management also institutionalized several rain water harvesting pits and check dams.
- The Development Office also takes care of renovation of old buildings, class rooms, laboratories, plantation and landscaping.
- Under Harithaharam, ten thousand samplings have been planted.

4.4.2. How are the infrastructure facilities, services and equipments maintained? Give details.

- In the Building Division there is a separate section for maintenance of buildings, roads, water supply and sanitary repairs etc., with skilled and unskilled staff like masons, plumbers, electricians and carpenters and are entrusted the daily routine repair works.

The following technical staff have been engaged for the maintenance of office, college buildings and staff quarters, internal roads etc.

1. Maintenance supervisor (Civil)
 2. Maintenance supervisor (Electrical)
- The above officers are made responsible for the smooth functioning of the maintenance works on the campus with the help of technical staff.
 - Technical staff members work under the control of the University Engineer and the Development Officer.

To increase the infrastructural facilities, the University has taken-up the construction of several new buildings with an estimated cost of Rs. 2,463.98 lakhs.

**CRITERION –V : STUDENT SUPPORT AND PROGRESSION****5.1 Student mentoring and support****5.1.1. Does the university have system for the student support and mentoring? If yes, what are its structural and functional characteristics?**

Yes

- The Director (Admissions), Principals of the Colleges, Deans of Faculties, Heads of the Departments, Chairmen, Board of Studies, Controller of Examinations, Director, University Hostels, take care of the students' needs from admission, curricular guidance to the level of placement counseling.
- Career and Guidance Cell provides services like career guidance, coaching for national level examinations and placement.
- Over and above the mentoring in class rooms, CELT and CFRAC take care of soft skill enrichment of students and the foreign students.
- NSS Coordinator on the campus takes the responsibility of enriching the institutional social responsibility (ISR) among the students and also the students of all the affiliated colleges.
- The anti-ragging committees are formed in all departments. Anti-ragging campaigns are conducted with judiciary and police officers to make campus ragging free. The university has a system of student support and mentoring with the following features.
 1. Orientation programmes for students.
 2. Ragging free campus.
 3. Hostel accommodation to all students.
 4. Remedial classes.
 5. Mentoring.
 6. Infrastructural support.
 7. Competency building programmes.
 8. Placement support.
 9. Health care.
 10. Socialization.
 11. Indoor stadium.
 12. Yoga centre.
 13. Wi-Fi zones
- Every staff member is allotted a group of students for guidance and mentoring.
- The university undertakes various welfare measures for the support of the students.
- SC/ST and BC cells have been established to take care of students.
- Students belonging to minority/SC/ST categories and other backward classes are given special training for competitive examinations.

**5.1.2. Apart from classroom interaction, what are the provisions available for academic mentoring?**

- Slow learners are identified and are advised to interact with faculty members.
- Student seminars are conducted. A teacher is allotted to a group of students for guidance.
- Student meets are organized for academic interaction and knowledge exploration.
- Lectures by experts in respective fields from industries, research institutions and other universities are arranged for the benefit of students.
- Participation in community and outreach programs.

5.1.3. Does the university have any personal enhancement and development schemes such as career counselling, soft skill development, career-path-identification, and orientation to well-being for its students? Give details of such schemes.

Yes

- University conducts programmes on Spoken English, Career counseling and Placement services through welfare centre.
- The Centre for English Language Training (CELT) and Cell for Career Guidance and Counseling either independently or jointly shoulder the responsibility of attending individual students and group of students by way of conducting Spoken English classes and soft skills improvement, competitive examinations, etc.
- Orientation programmes are periodically conducted.

5.1.4. Does the university provide assistance to students for obtaining educational loans from banks and other financial institutions?

Yes

- Students who are in need of financial support are guided for the sanction of the same from banks.

5.1.5. Does the university publish its updated prospectus and handbook annually? If yes, what are the main issues/activities/information included/provided to students through these documents? Is there a provision for online access?

Yes

- The University hand book/diary released annually by the Directorate of Admissions provides information relating to rules and regulations of admission into various courses.
- Information on number of colleges, seats; profiles of departments, faculties, library facilities, support services like scholarships, health, hostels, availability of facilities to the Games and Sports.
- The Directorate of Admissions releases a brochure with the names of colleges offering PG courses with intake and fee particulars and other matters for the benefit of the students seeking admission in the University.
- The Centre for Foreign Relations, Research and Consultancy Cell also releases a brochure with the information about the University, its vision and mission, fee structure for the admission of foreign students, historical aspects of Warangal and weather, statistical information about the number of foreign students enrolled, and the countries from which the students are from, etc. for the benefit of the new students seeking/enquiring fresh admissions.



5.1.6. Specify the type and number of university fellowships/freeships given to the students during last four years. Was financial aid given to them on time? Give details (in a tabular form) for the following categories: UG/PG/M.Phil/Ph.D/ Diploma/others (please specify).

- State Government has introduced the full fee reimbursement scheme.
- The scheme is fully operational and as many as 95% of the students are beneficiaries.
- Scholarships for single girl (SG) child programme of UGC have been implemented.
- Ten such scholarships are sanctioned to girl students in different departments.

5.1.7. What percentage of students receives financial assistance from state government, central government and other national agencies (KVPY, SN Bose Fellow etc.)?

- About 95% of the students get financial assistance.

5.1.8. Does the university has an International Student Cell to attract foreign students and cater to their needs

Yes

- The Centre for Foreign Relations, Research and Consultancy (CFRAC) is established in the campus.
- The CFRAC provides international students with academic information.

The structure and responsibilities of the Centre

- Single window agency supervising the admission of foreign students.
- Organizes orientation programs for foreign students to help their acclimatization and cultural adaptation.
- Helps foreign students improve their communicative competence in English by arranging bridge courses and induction programs.

5.1.9. Does the university provide assistance to students for obtaining educational loans from banks and other financial institutions?

Yes

- In general, the university provides assistance to students for obtaining loans.
- Bank managers in the vicinity of university are requested to help the students in this regard.

5.1.10. What types of support services are available for

1. Overseas students

- Single window system supervising the admission of foreign students.
- Provides the international students with information on courses and services offered by the University.
- Organizes orientation programs for foreign students to help their acclimatization and cultural adaptation.
- Helps foreign students improve their communicative competence in English by arranging bridge courses.



- The university provides special accommodation and health services to the overseas students.

2) Physically challenged/differently abled students

- The faculty members pay special attention to the students in providing teaching material and giving constant support and encouragement in all matters during their stay on the campus.
- Reservation of seats in all courses.
- Appointing scribes during the examinations.
- Giving concessions in the payment of fee.
- Priority in providing hostel accommodation and also health services.
- Providing furniture to suit their requirements.
- ½ hour extra time in examination.
- Providing walking ramps in all the buildings on the campus.

3) SC/ST/BC/OBC and economically weaker sections

- A senior teacher is appointed as the Director of SC/ST cell.
- This office looks after rights and welfare of these communities.
- Director is a member of Student Admission Committee.
- Statutory reservations are provided in admissions to all courses and in employment. Special Book Banks are provided for SC/STs.

4) Students participating in various competitions/conferences in India and abroad

- Faculty encourages PG students to participate in local and national workshops/conferences.
- There is no provision for financial support.
- JRFs and SRFs who are getting the fellowships from various national agencies do have provision to attend conferences.

5) Health centre,

health insurance, Ambulance facility for 24 hours, ECG facility, Oxygen facility, Electro cattery, Suction apparatus, Auto analyzer, I.V. fluids, Pathological investigations, Anti-septic dressing, Free supply of medicines, Day care centre and Physiotherapy unit.

6) Skill development (spoken English, computer literacy, etc.)

- Computer centre conduct short term training programmes on basic fundamentals in computer literacy such as MSWORD, MSEXCELL, Power point and internet.
- CELT often conducts evening training programmes and short-term training programmes during vacation to improve the communication skills in English.

7) Performance enhancement for slow learners

- Remedial classes for slow learners are in practice for computer skills, communication skills, etc.
- Weekend (Saturday) classes are allocated in the time-table for this purpose.



8) Exposure of students to other institutions of higher learning/ corporate/ business houses, etc.

- Engineering and science students are encouraged to visit NIT Warangal, BHEL, DRDO, DMRL, NGRI, ECIL, NRSA, IICT, Survey of India, Institute of Powder Metallurgy, University of Hyderabad to interact with Scientists and Engineers.
- Lectures by eminent personalities and study tours.
- Life Science students are encouraged to visit CCMB and NIN interact with scientists.

5.1.11. Does the university provide guidance and/or conduct coaching classes for students appearing for Civil Services, Defence Services, NET/SET and any other competitive examinations? If yes, what is the outcome?

Yes

- University conducts coaching classes for students appearing for civil services and other competitive examinations.
- NET coaching centre conducts classes for the students appearing NET/SET.
- Several students have been selected from the University in State Government services.

5.1.12. Mention the policies of the University for enhancing student participation in sports and extracurricular activities through strategies/schemes such as

- The university encourages students for participation in sports, games and other extracurricular activities.
- The university conducts intra-college and inter-college tournaments in various events of games and sports.

Additional academic support and academic flexibility in exams for participation in sports and games as given below:

- Reservation of seats in PG and UG courses for students participating in sports competitions at National and State levels.
- All the selected candidates are sent to coaching camps and as per the advice of the coach.
- Sports uniforms are provided free of cost.
- Sports material is also provided free of cost.
- The university has good sports facilities like cricket grounds, tennis courts, volley ball courts, basket ball courts, and indoor games complex.
- Women students are encouraged to participate in games and sports.
- Financial support for participation in sports events outside the university.
- Students are supported financially by giving TA and DA.

5.1.13. Does the university have an institutional mechanism for students' placement? What are the services provided to help students identify job opportunities, prepare themselves for interview, and develop entrepreneurship skills?

Yes



- The Placement Cell of the University guides the students for various career and competitive opportunities open to the students.
- It also imparts training for interview, debating, group discussion and presentation skills to the students.
- The cell maintains close rapport with the recruiting agencies and organizes the meetings (job melas) on the campus or directs the students to organizations located outside the campus.
- It motivates the students to improve their personality through career development courses and programmes.

5.1.14. Give the number of students selected during campus selections by different employers (list the employers and the number of companies who visited the campus during the last four years).

Table - 5.1
Details of the Students' Placements

Year	Name of the Employer	No. of the Students Selected
2008-09	ICICI Prudential Life Insurance, Hyderabad	10
	ICICI Prudential & Air Tel	118
	Capital IQ Hyderabad & Mumbai	210
	Matrix Pharmaceutical, Mumbai	12
	Vardhaman Home Specialties, Mumbai & Hyd.	40
	Dr. Reddy's Labs, Hyderabad	29
	MOFAI India Ltd. Hyderabad	96
	Advinus Therapeutics, Mumbai	119
	Syntel, Hyderabad	12
	Suven Nishtra Pharmaceuticals, Hyderabad	03
	Infotech Geo Informatics, Hyderabad & Warangal	02
	Spectra Mineral Exploration company, Hyd.	05
2009-10	Matrix Pharmaceutical, Mumbai	06
	Suven Nishtra Pharmaceuticals, Hyderabad	14
	Dr. Reddy's Labs, Hyderabad	08
	Capital IQ Hyderabad & Mumbai	15
2010-11	Matrix Pharmaceuticals, Mumbai	06
	Suven Nishtra Pharmaceuticals Ltd., Hyderabad	14
	Capital IQ, Hyderabad	15
	Reddy's Laboratories, Hyderabad	14
	SBI Life Insurance Company, Hyderabad	04
	Andhra Pradesh Academy of Rural Development,(APARD)	08
2011-12	Manajem Copper, Saudi Arabia	03
	Nagarjuna Coal, Indonesia	02
	R.D. (Water management) Hyderabad	11
	Spectra Geo Services, Zambia, Africa	03
	Eurasiam and Minerals, Zambia, Africa	01
	Vivamed Technologies, Hyderabad	03
	Trans Dyne, Hyderabad	10
	Mylan Laboratories Limited, Hyderabad	11
	Infotech Enterprises Ltd, Hyderabad	06
	Trans Dyne, Medical Transcription Co. Hyderabad	170
	Dr. Reddy's Labs, Hyderabad	48
	Wipro	06
2012-13	Mylan Laboratories Limited, Hyd.	20
	Terra Data, Hyderabad.	20
	Blooms Solutions Pvt. Ltd., Hyd.	70



	TRANSDINE, Hyd.	06
	Wipro Technologies, Hyd.	06
	Dr. Reddy's Laboratories, Hyd.	36
	Infotech, Hyderabad	12
	NSL, Australia.	01
	Merit Geo informatics Co.,	01
	Mahalaxmi Minerals, Hyd.	1
2013-14	Dr. Reddy's Labs, Hyd.	07
	Rockwell India. Pvt. Ltd., Hyd.	46
	Job Mela	50
	NSL Mining Resources (Australia), Hyd.	4
	Santa Biotech, Hyderabad	6
	Thyrocare, Bombay December	2
	Fit Kids, Bangalore	6
2014-15	Dr. Reddy's Labs	4
	Berger Paints	2
	T.C.S.	24
	Mind Tree Software Solutions	4
	CSC	7
	Aurobindo Pharma	3
	Mind Tree	4
	Infosys	9
	Value Labs	14
	Global Logic	8
	Sonata	1
	Citi Corp	1
	TCS	3
	Neudesic Technologies	1
	Computer Science Corporation Ltd., Aurobindo Pharma Ltd, Mind tree, Infosys, Value Labs, Global Logic, Sonata, City Corporation, TCS, HCL, Vendesic Technologies, Web Synergies, Hyundai	61 Students of KU College of Engg. & Tech.
2015-16	Web Synergies	6
	Hyundai	3
	Thyro Care	26
	Ramki	18
	GVK Biosciences India	33
	Abbott Laboratories	30
	Novo Nordisk India	20
	Mylan Laboratories India	20
	TCS 11 HCL	6
	HCL	6
	Cognizant	6
	Infosys	15
	Value Labs	2
	Company Selected TCE	1
	AAPCO	1
	MPHASIS	1
	Landmarks Global	1
	GENEPACT	7
	VIT Infotech	4
	PC SOLUTIONS	1
	DLIM Solutions	1

**5.1.15. Does the university have a registered Alumni Association? If yes, what are its activities and contributions to the development of the university?**

Yes

- The university has a registered alumni association.
- The alumni are in prominent position in various walks of life like Judiciary, Administration, Politics, Journalism, Media, Performance Arts, Scientific, Technological, Research and development laboratories.
- A few prominent members of university alumni are Late Sri. P. V. Narasimha Rao, former prime minister of India, Sri. Kadiam Sree Hari, Deputy Chief Minister of Telangana State, Sri Neralla Venumadhav renowned mimicry artist, Dr. Mohan Rao, former Director, Centre for Cellular Molecular Biology, Sri S Madhusudhana Chary, Speaker Telangana Assembly etc.
- Alumni are contributing for the development of infrastructure of the university.
- The auditorium in Pharmacy College is donated by the Alumni of Pharmacy College.
- The alumni regularly interact, motivate, guide, and encourage the present students.

5.1.16. Does the university have a student grievance redressal cell? Give details of the nature of grievances reported. How were they redressed?

Yes

- University has a Grievance Redressal Cell headed by a teacher to look after the complaints made by the students and parents.
- Suggestion boxes are provided in departments to collect student complaints.
- The cell meets periodically to redress the complaints and initiates necessary action.
- Some of the major grievances of the students are internet facility in the hostel, health care and canteen facilities
- Initially internet facility is provided in computer centre and the main library and later it is extended to hostels.
- Cell provided better health care facilities and full time doctor in the health centre.
- Canteen facilities are improved.

5.1.17. Does the university promote a gender sensitive environment by (i) conducting gender related programmes (ii) establishing a cell and mechanism to deal with issues related to sexual harassment? Give details.

Yes

- In general, security people keep strict watch to prevent harassment on girls students and report the incidents (if any) to the Security Officer or Principal concerned.
- Gender sensitivity is taken up by the Women's studies centre through special lectures on gender sensitization.
- Every year Women's Studies Centre arranges lectures by District Police Officials.



- If there are any complaints, Principal concerned, with the help of Legal Cell resolves the issues.
- Most of the departments have separate facilities for girl students.
- The lady teachers have personal sitting accommodation and women supporting staff have common facilities.
- Special care is taken for girls in providing hostel accommodation.

5.1.18. Is there an anti-ragging committee? How many instances, if any, have been reported during the last four years and what action has been taken in these cases?

Yes

- The University has established an Anti-Ragging Committee at University level consisting of senior Principal being the Chairman and hostels Director being the Convener, all other Principals, and security officer being members.
- At the Department level, committee consists of Head as the Chairman, two senior faculty members and four students (two from boys and two from girls) as members.
- The committee meets at regular intervals and monitors the ragging activities taking place on the campus.
- The committee also makes efforts to bring awareness on the anti-ragging.
- So far only a few minor incidents have been reported in last five years and actions have been initiated to prevent ragging activities.

5.1.19. How does the university elicit the cooperation of all its stakeholders to ensure the overall development of its students?

- The university elicits the cooperation of the all its stakeholders by making them members in all important administrative and academic committees like Academic Senate, Executive Council, Boards of Studies in various subjects, Sports Board etc.
- The university also collects the feedback from the members of stakeholders on the programmes and developmental activities of the university during the meetings of the various committees.

5.1.20. How does the university ensure the participation of women students in intra and inter institutional sport competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.

- Woman students participate in sports and games events with equal enthusiasm on par with men.
- Every year inter class events and inter collegiate events are conducted exclusively for women.
- The women teams participated in several inter university competitions in last five years.
 - Handball South-Zone 2011-12)
 - Cricket Central Zone 2013-14.
 - Handball Central Zone 2013-14.



5.2. Student Progression

5.2.1. What is the student strength of the university for the current academic year? Analyse the programme-wise data and provide the trends for the last four years.

Table – 5.2
Program wise Gender wise Student Strength

Students Progression	%
UG to PG	35
PG to M.Phil.	05
PG to Ph.D.	11
Ph.D. to Post-Doctoral	02

5.2.2. What is the programme-wise completion rate during the time span stipulated by the university?

UG: 85% PG: 90% Ph.D: 60%

5.2.3. What is the number and percentage of students who appeared/qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, GATE/CAT/GRE/TOFEL/GMAT/Central/State services, Defence, civil services etc.?

1. NET/SET	461
2. GPAT	50
3. GATE	109

5.2.4. Provide category-wise details regarding the number of Ph.D./D.Litt./D.Sc. theses submitted/accepted/resubmitted/rejected in the last four years.

Table – 5.3
No. of Ph. Ds/D. Litt/D.Sc./M. Phils. Submitted/Accepted

Sl. No.	Year	Number of Ph. D theses		Number of M.Phil. theses	
		Submitted	Accepted	Submitted	Accepted
1	2009-10	124	124	58	58
2	2010-11	108	108	34	34
3	2011-12	154	154	39	39
4	2012-13	123	123	28	28
5	2013-14	128	128	42	42
6	2014-15	120	120	36	36
7	2015-16	241	241	44	44
			998		281

5.3. Student participation and Activities

5.3.1. List the range of sports, cultural and extracurricular activities available to students. Furnish the programme calendar and provide details of students participation.

The University Sports Board consisting of an advisory board takes care of organization and improvement of sports activities. The facilities include

- Indoor Stadium



- Badminton Court
- 2 Table Tennis courts
- One Gymnasium Hall
- 400 Mtrs. Standard Track
- 600 Mtrs Walking Track
- 2 Kho-Kho courts
- 2 Kabaddi courts
- Handball courts
- Cricket Pitches (60 Mtrs)
- 3 Volley Ball courts
- One Basket Ball court
- One Ball Badminton court
- One Hockey Play field
- One Foot Ball Play field
- In addition to routine yearly sports activities like inter-departmental student's sports and games (Men & Women) competitions, inter-collegiate (Men & Women) competitions, University has conducted the following South Zone and Central Zone events in last five years.
 1. Kho-Kho (South-West Zone 2009-10) Competitions
 2. Cricket (South-Zone 2010-11)
 3. Handball Men & Women (South-Zone 2011-12)
 4. Kabaddi (Men), Central-Zone (2013-14)
 5. Cricket (Men & Women) Central Zone (2013-14)
 6. Handball (Men & Women) Central-Zone (2013-14)
- About 390 students from university participated in various sports and games activities outside the university

Table – 5.4
Student participation in University Level for different Sports

Sl. No.	Name of the Event	No. of Students	Organizing University			
			2012-13	2013-14	2014-15	2015-16
1.	Archery	8m, 2w	G.N.D.U., Amritsar, 2013.	Punjab Univ. Chandigarh 04-02-2014	Kurukshetra University, 2014.	Punjabi University. Pitiyala, 2016.
2.	Athletics	8m, 2w	Uiv.ofKalyani14-12-2012.	Punjab Univ. Patiala, 23-12-2013.	Rajiv Gandhi Univ. of Heath Science Bangalore 23-12-2014.	Punjabi Univ. Pitiyala, 2016.
3.	Badminton	10m, 10w	JNTU, Kakinada A.P. 12-10-2012.	KIIT Univ. Bhuvaneswar, 07-11-2013.	Bharathiar Univ. Coimbatore 09-13-2014.	SRM. Chennai, 2015.
4.	Hand Ball	16m, 16w	Periyar Univ. Salem. 30-10-	Kakatiya Univ. Warangal.	Periyar Univ. Chennai, 10-15-	Alagappa Univ. 2016.



			2012.		2015.	
5.	Gymnastics	5m, 5w	Kurukshetra Univ. 05-09-2012	Kurukshetra Univ, 10-11-2013.	LNIPG Gwalior, M.P. 14-18-2014.	Panjabi Patiala, 2015.
6.	Basket Ball	12m	Dr.NTR. Univ. Vijayavada A.P.27-12-2012	KIIT. Univ. Bhuvanewar. 07-11-2013	Satyabama Univ.Chennai,06-13-2015.	SRM. Chennai, 2015.
7.	Kabbadi	12m	Univ. of Madras, Chennai, 03-01-2013.	Kakatiya Univ. Warangal	Vel's Univ. Chennai, 21-01-2015.	Kuvempu Shimoga 2015.
8.	Boxing	10m	Bilaspur Univ. 19-11-2012.	BHU, Varanasi 03-02-2014.	Lovely P. Univ. Jalandar , 06-12-2015	Kurushketra Univ.Haryana,17-11-2015,(M),20-11-2015. (W).
9.	W.Lift, P. Lift , B. Phy	10m, 10w	M.L. Sukhadia Univ. Udaipur. 21-01-2013.	Andra Univ. Vishakapatnam, A.P.17-02-2014.	PTU. Jalander, 2014.	ANU. Guntur.A.P.2016.
10.	Foot Ball	20 m	Annamai Univ. 06-10-2012.	LNUPG, Gwalior. 07-11-2013.	Univ.of Calicut.Kerala,2014	Amrita Coimbatore, T.S .2015.
11.	Cricket	16m	Manipal Univ. 2012.	Kakatiya Univ. Warangal	Osmania Univ. Hyd, A.P 2015.	Saveetha, Chennai,2015.
12.	Table Tennis	6m,5w	Kannur Univ 27-12-2012.	Pt.R.S. Univ. Raipur.	SRM. Chennai.2015.	Vikrama Simhapuri A.P.2015.
13.	Volley Ball (W)	12w	ANU. Guntur, A.P. 28-10-2012	KIIT. Univ. Bhuvaneswar 07-11-2013.	Madras Univ. Chennai, 2015.	Krishna Univ. Machilipatnam, A.P. 2016.
14.	Cricket	16w	Pondichery Univ. 03-12-2012	Kakatiya Univ. Warangal.	Anna. Univ. Chennai, 2015.	Saveetha Chennai, 22-01-2016.
15.	Volley Ball	12m	SRM. Univ. 25-01-2013.	LNUPG, Gwalior.	Sastra Univ. Tanjore, 2014.	6
16.	Tennis (M)	4m	Krishna Univ. 25-01-2013.	KIIT. Univ. Bhuvaneswar, 07-11-2013.	SRM Chennai,2015.	Saveetha Chennai, 2016.
17.	Ball Badminton (W)	10w	NIT Warangal 12-12-2012.	Dravidan Univ. Kuppam, A.P. 18-11-2013.	B.S Abdul Rahaman, Chennai 2015.	SRM. Chennai, 2016.
18.	Canocing and Kayaking		Punjabi Univ., patiyala,11-12-2012 to 13-12-2012	GNDU, Amritsar 11-11-2013.	Panjabi Univ. Jalandhar, 2015.	GNDU. Amritsar, Panjab, Patiala.2015.
19.	Cross Country	9m, 6w	R.S.M.T Nagpur 07-10-2012.	RajasthanVidyapath Udiapur,07-10-13.	MGU kottayam Kerala,2014.	Mangalore Univ. 2015.
20.	Cycling	6m	Vacant, 05-11-2012	Pujabi Univ. Patiyal,	GNDU Panjab, 2014.	Panjabi Pitiala 2015.
21.	Judo	10m, 10w	ViswaBharati, 21 to 25, 2013.	GNDU, Amritsar 27-01-2014.	GNDU Amritsar 2015.	KIIT. Bhuvaneswar 2015.
22.	Swimming	10m, 10w	Univ. of Calcutta, Kolkatta, 03-10-2012.	VTU. Belgam, 10-10-2013.	Jain Univ. Bangalore,2014.	Panjab , Chandigagh. 2015.
23.	Chess	5m,5w	Univ. of Calicut, Calicut, 17-10-2012.	Awdesh Prathap Singh, Rewa,	VIT. Vellore, 2014.	Amrita , Coimbatore, 2015.



24.	Hockey	15m	Bharthidasan Univ. Tiruchurapally, 06-10-2012.	Sambalpur Univ. Orissa.	Anna Univ. Chennai. 2015.	ANU, Guntur, 30-11-2015.
25.	Kho-kho	12w	Univ. of Calicut, Calicut, 19-12-2012.	Berhapur Univ. Berhapur	Vikram Simhapuri (AP) 2014.	Tamilnadu Univ. of Phy.Edu. Chennai, 2016.
26.	Kho-kho	12m	ANU, Guntur A.P. 04-01-2013.	Uktal Univ. Bhubaneswar, 07-11-2013.	JNTU Kakinada, A.P. 2015.	Annamalai Univ. Chennai. T.N. 2016.
27.	Basket Ball	12w	Annamalai Univ. 2012.	KIIT, Univ. Bhubaneswar, 07-11-2013.	Sathyabama Univ. Chennai, 2015.	SRM, Chennai T.S. 2015
28.	Soft Ball	10m	Dav, Indore, 23-11-2012	ANU, Guntur, A.P 2014.	Univ. of Delhi. 2014.	LPU, Jalandhar Panjab, 2016.

Table – 5.5
Awards and Incentives Received by Students in Sports

Sl.No.	Name of the Event	Year	No. of the Students	No. of Medals	Incentives
1.	Gymnastics (Kurkshethra, Central Zone Inter University)	2013-2014	7	7 Silver and 1 Bronze	3,000
2.	Archery (Punjab, All India Inter University)	2013-2014	2	1 Gold, 1 Silver and 1 Bronze	6,000
3.	Cricket – Men (Central Zone, Kakatiya University)	2013-2014	16	4 th Place	
4.	Cricket – Women (Central Zone, Kakatiya University)	2013-2014	16	4 th Place	
5.	Kabbadi – Men (Central Zone, Kakatiya University)	2013-2014	12	1 st Place	
6.	Hand Ball – Men (Central Zone, Kakatiya University)	2013-2014	16	1 st Place	3,000
7.	Hand Ball – Women (Central Zone, Kakatiya University)	2013-2014	16	4 th Place	
8.	Gymnastics (Gwalior, Inter University)	2013-2014	6	4 th Place and 1 Bronze	
9.	Archery (Kurkshetra, All India Inter University)	2013-2014	2	4 th Place	
10.	Shuttle Badminton (Women) Inter Zone, Tamil Nadu	2013-2014	5	2 nd Place	
11.	Gymnastics	2014-2015	6	6 No.s	9000/-
12.	Archery	2014-2015	4	4 No.s	16000/-
13.	Shuttle Badminton (Women)	2014-2015	5	2 nd Place	
14.	Gymnastics	2015-2016	1	Gold	6000/-
15.	Archery	2015-2016	1	Silver	4000/-
16.	Shuttle Badminton (Women)	2015-2016	5	4 th Place	5000/-

- The NSS Unit of the University organizes regular and special camps related to health and hygiene, literacy, environment, personality development, etc.
- These camps are usually held in the affiliated colleges or in the adopted villages.
- NSS Unit also deputed volunteers to various Inter State camps, National Integration camps and also inter-state and National Cultural Festivals.



➤ **Mega Camps: (NSS)**

- Two female and two male volunteers participated in NSS mega work camp - 2014 for 12 days at Jain Vishwa Bharathi University, Dist. Nagaur, (Rajasthan State) from 05th to 16th September, 2014.
- Organized a seven day mega camp at Sammakka Saralamma Medaram Jatara from February 12-20, 2016 with 700 Volunteers.
- Organized a University level mega camp with 150 volunteers from July 8-14, 2016 in connection with Haritha Haram Plantation Programme.
- One male and one female volunteers have participated in a twelve day NSS mega camp - 2015 at Majuli, Jorhat, (Assam) from January 19-30, 2015

➤ **Special Camps: (NSS)**

- One week special camp on plantation programme at KU Campus from July 16-22, 2013.
- Special camps were conducted at **Medaram Jaathara (Mela)**, at Eeturi Naagaram, Warangal District, A.P in the month of Feb- march, 2012. About 350 NSS volunteers and 20 NSS program officers rendered their services at this **Mela for 7days**.
- Special camps were conducted at **Medaram Jaathara (Mela)**, at Eeturi Naagaram, Warangal District, A.P in the month of Feb- march, 2014. About 500 NSS volunteers and 20 NSS Programme officers rendered their services at this **Mela for 7days**.
- Two volunteers participated in national integration camp on capacity building programme on social entrepreneurship programme organized by Rajiv Gandhi National Institute of Youth Development (RGNIYD) from November 11-17, 2013.
- Four volunteers and one female programme officer participated in national level NSS mega camp - 13 organized by Tejpur Central University, Tejpur, (Assam) from December 13 - 24, 2013.
- About NSS 5000 volunteers have assisted the revenue officials in Godavari Pushkaralu from 14th to 25th July, 2015 in three districts.

➤ **Training Programs for NSS volunteers:**

- Organized skill development training programme for 50 volunteers (Girls) at Pingle Govt. Degree & PG College, Warangal from September 23-28, 2013.
- Five programme officers attended a five day programme on training of trainers programme on "Social Harmony and Human Rights" by Rajiv Gandhi National Institute Youth Development (RGNIYD), Sriperumbudur, Tamil Nadu State in collaboration with NSS Regional Centre, Hyderabad and Andhra University NSS Cell, Visakhapatnam from 25-29 November, 2013.
- Organized (TOC) training and orientation programme to untrained NSS programme officer's of Khammam from December 06 - 12, 2013.
- Organized the workshop on tension and stress free examinations in 80 colleges in February 2014.



- One programme officer, one male & female volunteers participated in National College of Engineering and Entrepreneurship Workshop for 3 day at Nehru Research Centre (NCERC), Thrissur, Kerala from 30th October to 1st November, 2014.
- District level self-defense training programme: Organized 7-day district level self-defense training programme for 600 NSS girl volunteers in three districts.
- Thirty NSS programme officers attended the training and orientation programme, conducted by TOC of AU conducted at Khammam from 6th to 12th December, 2013 and at Kakatiya University campus from 25th February to 3rd March, 2014.

➤ **Awareness programme for NSS volunteers:**

- Organized awareness programme on worship of clay Ganesha and distributed Ganesh idols free of cost.
- Organized anti ragging awareness programmes at different colleges, educating volunteers and students.
- Observed vigilance awareness week from 26th - 31st October, 2015 and conducted elocution competition for students.
- Organized legal literacy campaign Programme during August 2015 involving ten thousand volunteers.
- Organized 23 awareness programmes on drugs abuse and illicit trafficking and about 2,560 people were benefited through this programme.

➤ **Inter-State Youth Exchange and Home Stay Programme:**

- One women contingent leader, eight volunteers participated in organized by Rajiv Gandhi National Institute of Youth Development (RGNIY), at Itanagar, Arunachal Pradesh, from, September 18-27, 2013.
- One female volunteer participated in Inter State Youth Exchange and Home Stay Programme at Andhra University, Visakhapatnam in January/February, 2014.

➤ **Pre-Republic Day Parade Camp:**

- Nine volunteers participated in Pre-Republic Day parade camp organized at Gandhinagar, Gujarat from October 6-15, 2013.
- One volunteer has participated in Republic Day parade camp in New Delhi on 26th January, 2014. .
- Three (03) male volunteers participated in Pre-Republic day parade camp organized at National Academy of Construction, Rajahmundry, Andhra Pradesh from 12th -21st October, 2014.
- One programme officer and three male and four female volunteers participated in Pre-Republic Day parade camp organized at R.T.M. Nagpur from 08th to 17th October, 2015.
- One programme officer and two volunteers have participated in the Republic Day parade camp in New Delhi from 1st to 30th January, 2016.



- One programme officer and two volunteers participated in Republic Day parade camp in New Delhi on 26th January, 2016.
- **10-Day Adventure Programme in Mountaineering:**
 - Ten volunteers and one programme officer participated in 10 day adventure programme in mountaineering, white water rafting, para sailing, para-gliding at WHMI Narkhanda, Dist. Shimla (Himachal Pradesh) from December 23, 2013 to January 1, 2014.
 - Two (02) male and two (02) female volunteers have participated in 10 day programme of trekking (Mountaineering) white water rafting, para sailing, para-gliding and basic skiing adventure camp at Atal Bihari Vajpayee Institution of Mountaineering & Allied Sports, Manali.
- **National Integration Camp:**
 - Four female volunteers participated in National Integration Camp at Karnataka State Women's University, Bijapur (Karnataka) from 30th January - 05th February, 2014.
 - One programme officer, three female and two male volunteers participated in the National Integration Camp Mangalore University, Karnataka at Raipur from January 29 to February 02, 2016.
 - One male and two female volunteers have participated in a seven day National Integration Camp at Gulbarga University, Gulbarga (Karnataka) from February 15, 20.
 - Four volunteers and one programme Officer have participated a seven day National Integration Camp at BVS Polytechnic Bagalkote (Karnataka) from March 14-20, 2015.
- **Blood donation camp:**
 - Organized blood donation camp on 14th July, 2016 and volunteers donated 43 units of blood.
- **Programmes on Yoga:**
 - A week-long programme organized on Yoga and its potential benefits to the NSS Volunteers in different colleges in Warangal town from June 15- 21, 2015.
- **NSS REGULAR ACTIVITIES 2013-14**
 - One programme officer participated in a five day programme on "Gender Equity" at Rajiv Gandhi National Institute Youth Development (RGNIYD) from August 26 - 30, 2013.
 - Mr. R. Shravan Kumar P.O., Kakatiya Govt. College, Hanamkonda and Mr. Mohd. Azam, volunteer, University College, KU received Gandhi National Award from the President of India on 19th November, 2013.
 - Organized district level NSS youth festivals on the theme of "NSS Yuva Tarang" in each district for both Junior and Degree Colleges.
 - Distributed rice to the poor and orphans under "**Cup of Rice programme**" in Nirmal ADB, on Dec 16, 2013.



- Two male and two female volunteers participated in NSS regional centre Bangalore, State Liaison Cell, Govt. of Karnataka State, in collaboration with Sri H.D. Deva Gowda, Govt. 1st Grade College, Paduvalahippe, Holenarasipura, Hassan Dist. (Karnataka) from 21-27, February, 2014.
- Organized the University Level NSS Youth Festival on University campus on 29th January, 2014.
- Thirty NSS programme officers attended the training and orientation programme, conducted by TOC of AU conducted at Khammam from 06th to 12th December, 2013 and at Kakatiya University campus from 25th February to 3rd March, 2014.

➤ **NSS REGULAR ACTIVITIES 2014-15:**

- Inter-Collegiate "Voluntary Blood Donation Day" rally on 14th June, 2014 with 938 volunteers.
- Sadbhava Diwas Rally on 19th August.
- Awareness Programme on clay Ganesh in Adilabad, Khammam and Warangal districts
- Legal Literacy Campaign Programme in Warangal, Khammam and Adilabad districts to create awareness on domestic violence, child labour, child marriages, anti-ragging.
- Guppedu Biyyam (**Cup of Rice**) Programme: A cup of rice campaign programme was organized to create awareness among common public to help poor and needy. As part of this programme, collected ten (10) quintals distributed to old age and orphan homes.
- Anti-Aids Rallies: organized a massive rally involving 20156 volunteers, non-volunteers programme officers of local Degree and Junior Colleges on 1st December 2014.
- Two male and two female volunteers participated in the National Youth Convention & Suvichar during XIX National Youth Festival at Guwahathi (Assam) from 08th -12st January, 2015.
- A week-long programme organized on Yoga and its potential benefits to the NSS Volunteers in different colleges in Warangal town from June 15- 21, 2015.

➤ **NSS REGULAR ACTIVITIES 2015-16:**

- Observed Telangana Haritha Haram & Vanamahotsav Week from June 20-26, 2015 and planted 1,35,050 saplings in three districts.
- In collaboration with Dr. M.C.R. Human Resource Development Institute, Hyderabad, organized one day training programme on "Climate Education Projects" at University campus on 7th August, 2015 and at SR&BGNR Govt. Degree College, Khammam on 19th August, 2015.
- Organized anti ragging awareness programmes at different colleges, educating volunteers and students.
- Observed Sadbhava Diwas on 19th August, 2015 and organized Manavaharam, huge rally with NSS volunteers.



- Organized awareness programme about clay Ganesh among the students distributed free of cost.
 - One programme officer and three male and four female volunteers participated in Pre-Republic Day Parade Camp organized at R.T.M. Nagpur from 8th to 17th October, 2015.
 - One programme officer and two volunteers participated in Republic Day parade camp in New Delhi on 26th January, 2016.
 - Organized 3-Day District Level NSS Youth Leadership Training Camps in three Districts during November, 2015.
 - Three female and three male volunteers have participated in the 20th National Youth Festival, 2016 at Raipur, Chhattisgarh from January 12-16, 2016.
 - Ten female and nine male volunteers and one programme officer have participated in the state level youth festival at Sathavahana University, Karimnagar from January 29-31, 2016.
 - Ten male volunteers and one programme officer have participated in the International Youth Seminar - 2016 at Kanha Shanti Vanam Ashram, Chegur Village, Hyderabad from April 23-27, 2016.
- The NCC students of Kakatiya University also take part in competitions, para training courses, mountaineering courses, Army, Navy and Air Force training.

5.3.2. Give details of the achievements of students in co-curricular extra-curricular and cultural activities at different levels: University/ State/ Zonal/ National/ International etc. during the last four years.

- KU College of Engineering and Technology every year organizes quiz competitions on technical skills on Engineers Day.
- The Department of Mathematics organizes University level 'Aptitude Test' on 12th December every year.
- The Department of Physics organizes essay writing and elocution and quiz competitions on science topics on 28th February the National Science Day.
- In all these activities, students participate in large numbers.
- Kakatiya University bagged II prize in classical dance in Central Zone Youth Festival 2013.

5.3.3. Does the university conduct special drives/campaigns for students to promote heritage consciousness?

Yes

- The University conducted the following competitions to promote culture and heritage consciousness among the students.
- | | |
|------------------------|--|
| 1. Vocal (solo) | 8. Folk dance |
| 2. National group song | 9. Poetry competition |
| 3. Folk song | 10. Folk art (Rangoli) |
| 4. Instrumental music | 11. Programmes encouraging the clay Ganesh idols |
| 5. Debate | 12. Spot painting |
| 6. Essay writing | |
| 7. Skit | |



- In November, 2013, university organized Central Zone Youth Festival – YUVAKALARATNA wherein many cultural and heritage competitions were held in collaboration with the Association of Indian Universities.
- **Cultural Programs:**
 - Organized District Level NSS Youth Festivals on the theme of "NSS Yuva Tarang" in each District for both Junior and Degree Colleges.
 - Organized the University Level NSS Youth Festival on University Campus on 29th January, 2014.
 - Ten female and nine male volunteers and one programme officer have participated in the State Level Youth Festival at Sathavahana University, Karimnagar from January 29-31, 2016.
 - Three female and three male volunteers have participated in the 20th National Youth Festival, 2016 at Raipur, Chhattisgarh from January 12-16, 2016.
 - Organized 3-Day District Level NSS Youth Leadership Training Camps in three Districts during November, 2015.

5.3.4. How does the university involve and encourage its students to publish materials like catalogues, wall magazines, college magazine and other material? List the major publications/materials brought out by the students during the last four academic sessions.

- The students publish their literary contributions in local magazines, college magazines and newspapers.
- Their publications are displayed in the notice boards of the departments.
- All students are encouraged in organizing workshops, seminars and conferences.
- The articles written by students are published in the magazine brought out by the University.

5.3.5. Does the university have a Student Council or any other similar body? Give details on its constitution, activities and funding.

No.

5.3.6. Give details of various academic and administrative bodies that have student representatives on them. Also provide details of their activities.

- Mess committees
- Anti-Ragging committee at the department level consists of four students (two boys and two girls).
- Academic Senate.
- Hostel maintenance committee
- NSS Advisory Board.
- Sports Advisory Board.



CRITERION – VI : GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1.1. State the Vision and Mission of the University

Vision

**Transforming the University into a Centre of Excellence,
Ensuring Quality, Access, Equity and Values**

Mission

Acquiring commanding heights in the field of innovation, knowledge dissemination, cutting-edge research, competency building and extension activities with holistic approach for societal needs

Objectives:

- To attain high standards in teaching.
- To impart qualitative knowledge and develop all-round skills of the students keeping in view the latest technological advancements and innovations.
- To achieve excellence in research making it contemporary and socially relevant.
- To take-up collaborative research with reputed national and international institutions/organizations.
- To undertake extension activities/services and to involve the faculty and students in the community service to bring social harmony and peace in the society.
- To inculcate moral values, culture, tradition and human values in students.
- To equip the students to meet the global challenges of 21st century.
- To promote National Integration among the students.
- To develop interaction between the University and civil society.
- To make the university administration more transparent and accountable
- To provide the socially deprived sections of the society access to higher education.

6.1.2. Does the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution's tradition and value orientations, its vision for the future, etc.?

Yes

- As defined in the mission statement, the university is taking all the possible measures to achieve its objectives envisioned in the “vision for the future” by constant efforts.
- The university always looks forward to impart training in specialized branches which are directly related to the industrial establishments and other institutions.
- The university always tries to live up to the expectations of the society by offering the courses which fulfill the needs of the society and industry.
- Besides starting new programmes, University encourages inter- disciplinary research through MoUs with other reputed institutes.
- The university introduced a paper on ethics and human values as one of the open electives at the post graduate level under CBCS system.



6.1.3. How is the leadership involved in ensuring the organization's management system development, implementation and continuous improvement?

Organization and management

- Vice-Chancellor is the Chief Executive Officer of the University and functions in accordance with the provisions of Telangana State Universities Act 2016. Executive Council is the apex executive, decision making and governing body. Vice-Chancellor is the Chairman of the Executive Council.
- Academic Council is the authority to decide on courses and curriculum and other academic matters of the University.
- The composition of these bodies have adequate representation from the divergent set of stakeholders viz., University faculty, affiliated college principals, academic administration as well as eminent personalities of society and Government.
- This diversity in the higher bodies enables the leadership to interact with the stakeholders in identifying the organizational needs.
- It also promotes a culture of participative management.
- The administrative structure of the university includes the offices of Registrar, Principals of the constituent colleges, Deans of Faculties, Heads of Departments, Chair persons of Board of Studies, Controller of Examinations, Finance Officer and other officers.
- **In reinforcing a culture of excellence?**
 - The feedback and interaction with the stakeholders of the institution will pave the way in establishing work culture among faculty and students of the institution.
 - The university leadership continuously nurtures the tradition of excellence in various fields of higher education.
 - In order to promote culture of excellence the faculty members organize national and international events in all fields.
- **In identifying organizational needs and striving to fulfill them?**
 - To overcome and allebate the hindrances during the functioning, the university will interact with all its stakeholders and appropriate steps are initiated.
 - The Vice-Chancellor, Academic Senate, Executive Council, Standing Committee, Faculty and Board of Studies meet frequently to assess the university needs and find the ways to fulfill them.

6.1.4. Were any of the top leadership positions of the university vacant for more than a year? If so state the reasons.

Yes, there was a delay in the appointment of regular Vice-Chancellor for a period of 2 years due to bifurcation of the state.

6.1.5. Does the university ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?

Yes



6.1.6. Does the university promote a culture of participative management? If yes, indicate the levels of participative management?

Yes

- University adopts philosophy of participative management system right from the inception of the university to involve all stakeholders in taking proper decisions.
- Executive Council is the executive authority of the university and Finance Committee is the Sub-Committee of the Executive Council.
- Academic Senate provides a general supervision over the academic policies of the University and Standing Committee is the Sub-Committee of the Academic Senate.
- Faculty and Board of Studies prepare the academic curriculum and Panels for Examiners.
- The Departmental Committees headed by the respective Heads are bestowed with the powers to take decisions on academic and administrative matters of the respective departments.
- Every month, university arranges dial your university programme with Vice-Chancellor in the chair to collect feedback and suggestions from general public and all stakeholders.

6.1.7. Give details of the academic and administrative leadership provided by the university to its affiliated colleges and the support and encouragement given to them to become autonomous.

Delegating Leadership to Affiliated Colleges

- The University encourages and facilitates colleges to gain autonomous status.
- University reviews the academic and administrative functioning of affiliated colleges through the Dean, Academic Affairs.
- As knowledge management strategy, the university provides its representatives to Governing and academic bodies of autonomous colleges and affiliated colleges.
- Through Dean, College Development Council promotes introduction of new programmes and innovations in curriculum, conduct of examination and maintenance of standards.
- Through Departmental Conferences academic support is extended to affiliated colleges.
- University nominates senior faculty in the Selection Committees to recruit faculty in the affiliated colleges.
- University also delegates leadership to affiliated colleges by appointing Principals of affiliated colleges as members of academic bodies and involve them in syllabus revision every three years.
- The teachers of affiliated colleges are appointed as chief examiners in the valuation UG courses.
- Senior Faculty members of the university are involved as Members in Board of Studies of Autonomous colleges.

6.1.8. Have any provisions been incorporated / introduced in the University Act and statutes to provide the conferment of degrees by autonomous colleges?

No, such provision is not available.



6.1.9. How does the university groom leadership at various levels? Give details.

- As part of the administration in the University, the Vice-Chancellor appoints Deans of faculties, Chairpersons, BOS, Heads of Departments, Principals of constituent colleges etc. from among the faculty members of different departments based on seniority for a fixed tenure.
- These assignments enable them to handle and suggest measures to the University administration through various forums for making long-term policy decisions.
- Thus almost all the faculty members get an opportunity to become leaders in their respective area, field and disciplines.
- These faculty members actively participate in all meetings of Departmental Committees, Boards of Studies including top policy-making bodies like Standing Committees of Academic Senate, Finance Committee and Executive Council.
- University ensures the Young faculty in various academic and administrative departmental committees.

6.1.10. Has the university evolved a knowledge management strategy? If yes, give details.

Yes

- Projects with commercial value will be filed as patents (IPR-of the university).
- Some of the patents have been shared by Corporate/Industrial houses and the technologies transferred.
- MOUs with other universities and Institutes have been established.
- There are procedures laid down by the University for Knowledge sharing between the University and Industry for mutual advantage and interaction.
- The faculty members will interact with industrialists, scientists from other institutes and universities in conferences, workshops and orientation programs etc., organized by the university to share the outcomes of the projects executed by them.
- The ICT enabled services are used in the teaching, learning and evaluation processes.

6.1.11. How are the following values reflected the functioning of the university?

- **Contributing to national development**

- The university has a strict policy of encouraging secular values.
- The university produces the skilled students as human resource contributing to national development.
- The university constantly revives its policies to meet the ever expanding university.
- Departments have been organizing national and international seminars and conferences in various fields for capacity-building of students.
- Some of the faculty members and the scholars of various departments participated in international conferences and presented papers.

- **Fostering global competencies among students**



- The university has global tie-ups through various programmes such as ERAMUS MUNDUS projects as well as MoUs with various international universities.
- Students are continuously trained in communication skills, soft skills etc.
- There is an effective procedure laid down by the University for Knowledge sharing and training the students by the University Consultancy Cell.
- Interdisciplinary courses
- **Inculcating a Sound Value System among Students Promoting use of Technology**
 - In last five years the university tried to promote as much as possible the ICT facilities for the students.
 - The University library is equipped with facilities for digital library with Wi-Fi facility for students for 12 hours per day.
 - In most of the science and technology departments there are good facilities with computers, internet and access to INFLIBNET, printers, scanners etc for the use of the faculty and students.
 - Students make use of the power point facilities to present their seminars, project work, pre-design and pre-submission seminars.
 - Teachers prepare power point presentations, lecture notes etc. for the purpose of teaching.
 - Whenever there are invited talks, extension lectures, seminars, conferences, workshops the resource persons use the latest technology.
 - In departments like Commerce and Business Management, Engineering College and other science departments, the class rooms are equipped with smart boards, LCD projectors and computer systems with Wi-Fi facility.
 - University conducts training classes on personality development, Gender sensitization, etc.
- **Quest for excellence**
 - The University always strives to excel in academics through its in built structure for quality assurance.
 - Introduction of CBCS, ICT enabled teaching, student-centric teaching, continuous evaluation with assignments and projects.
 - Updating the course and curricula as per the contemporary needs and exploring the new areas of learning.
 - Establishing research collaborations, State-of-the Art and exploring the new areas of research.
 - Extension activities on knowledge and experiencing sharing university to Society, Consultin, etc.
 - Active involvement of IQAC in quality sustenance, enhancement and organizing sensitization programs for stakeholders.



6.2. Strategy Development and Deployment

6.2.1. Does the university have a perspective plan for development? If yes, what aspects are considered in the development of policies and strategies?

Yes

- **Vision and Mission**

Transforming the University into a Centre of Excellence

Ensuring Quality, Access, Equity and Values

Acquiring commanding heights in the field of Innovation, Knowledge dissemination, Cutting-Edge Research, Competency Building and Extension Activities with Holistic Approach for Societal needs.

- **Teaching and Learning**

- The university prepares and strictly adheres to the almanac with detailed schedule for teaching, learning and evaluation.
- Planning of teaching is done in the departmental committee as per syllabus and regulations approved by the respective Boards of Studies and Academic Senate.
- The allocation of workload for faculty members is done by the departmental committee and informed to the Principal to the concerned college.
- Heads of the Departments will prepare time table for the teaching and practical work well before the commencement of the class work in consultation with faculty members and the same will be displayed on the notice board for students.
- The faculty members adopt modern methods (ICT) for teaching.
- Each class is divided into a few batches and each batch will be allotted a teacher for mentoring and conducting seminars.
- The evaluation procedure is also planned effectively for assessing the performance of students.
- Two internal assessment tests are conducted in each semester to assess the students' performance continuously.
- Expert members from prominent institutions are invited for guest lectures.
- Students are encouraged to participate in seminars and academic competitions.
- The coverage of syllabus is monitored by departmental committee periodically.
- As per the UGC guidelines the University has introduced CBCS pattern both at UG and PG level courses.
- As part of this system, seminars, project reports, foundation courses and open electives are introduced.

- **Research and Development**

- The university has a perspective plan for research.
- The University always encourages quality research in all areas.



- It promotes and encourages inter disciplinary research.
- Since the research and development is one of the priority programs of the university, research is monitored at various levels.
- The research work done by the scholar is monitored by Department Research Committee (DRC) with Chairmen, BoS, Heads and Deans of faculties as members.
- The research admissions are done strictly as per UGC guidelines.
- Every scholar delivers two seminar lectures before the submission of their work and must publish one research paper related to his work in a peer-reviewed journal.
- All research projects funded by various agencies are processed and assisted by UGC unit of university.
- University also brings out five journals in English, History, Telugu, Women studies and Social Sciences.
- University also encourages collaborative research by entering into MoUs with reputed institutes.
- All faculties identify thrust areas of research and carryout research on those areas.
- The faculty members are also encouraged to prepare project proposals for obtaining financial support from funding agencies.
- The university established research centers outside the campus.
- All departments are encouraged to organize workshops, training programmes, seminars, refresher courses and conferences.
- University encourages its faculty members to participate in various programs conducted by institutes within India and abroad.
- Several research scholars are awarded UGC JRF and scholarships from various national agencies like ICSSR, MANF etc.
- About 40 scholars have been working on post-doctoral fellowships from central agencies like UGC, ICSSR etc under various schemes.
- **Community engagement**
 - The university has perspective plan for community engagement.
 - The legal aid clinic is providing free counseling and legal advice services to the needy people through the department of law.
 - The Commerce and Business Management department organizes Management fest as part of community engagement.
 - The university organizes various awareness programmes in public health, child labor and hygiene etc.
 - The NSS wings of the university organize rural development programs by undertaking field work in rural areas.
 - These wings organize various blood donation camps, public health awareness campaigns, literacy camps, avenue plantation and socio-economic reforms in collaboration with Lions Club, Rotary Club, and Red Cross Society.



- The University always encourages its faculty members and students to participate in community development activities in association with NGOs.
- **Human Resource Planning and Development**
 - The university recruits teaching and non-teaching positions on the basis of rules and regulations of national bodies such as UGC, AICTE, NCTE, PCI etc. and the State Government.
 - The non-teaching staff is recruited in four categories such as officers, ministerial, technical and class-iv employees.
 - In order to enhance the skills among the faculty members, the faculty members are encouraged to participate in orientation programs, refresher courses, training programs etc.
 - The faculty members develop their skills in teaching-learning and research by way of participating and organizing national and international seminars, workshops, conferences, symposia etc.
 - This promotes interaction with industry and other research organizations.
- **Industry interaction**
 - The faculty members are encouraged to interact with industries and enter into MoUs for collaboration in academic and research programs.
 - In most of the Boards of the Studies the members from industry are included.
 - The experts from the industry are invited to deliver expert lectures in various departments and interact with staff and students.
 - Industrial tours are organized for students to provide industrial exposure.
 - The students will submit project reports after their industrial visits.
 - Through university-industry linkage students are encouraged to undertake projects.
- **Internationalization**
 - To produce human resource for global needs the university adopts periodic updation of the curriculum.
 - The university is participating in faculty and students exchange programs with universities and organizations at international level by entering into MoUs.
 - In order to provide support services exclusively foreign student's university established Centre for Foreign Relations, Research and Consultancy (CFRAC).
 - The main aim of CFRAC is augmenting university resources through foreign admissions and donations, entering into MoUs for research and industrial linkage and extending teaching and other consulting services on-campus and off-campus.
 - The policy of the university is to encourage its faculty members to participate in international programs organized outside India.



6.2.2. Describe the university's internal organizational structure and decision making processes and their effectiveness

- The university has well defined organizational structure in administration and academics.
- The organizational structure of the university comprises Executive council, Finance Committee, Academic Committee, Standing Committee, Faculty, Board of Studies and Departmental Committees.
- The Vice-Chancellor is the Executive Head of the Institution.
- The Registrar is the administrative head of the university.
- The Registrar, the Principals of the Constituent Colleges are the administrative officers of the university.
- The Deans, Directors/Co-coordinators of different wings like academic affairs, College Development Council, Examinations, Publications, Internal Quality Assurance Cell etc., work in association with university officers.
- The curricular aspects of the university are looked after by the Dean Academic Affairs, Deans of Faculties and Chair persons Boards of Studies.
- As the Head of the institution the Vice-Chancellor takes all the decisions related to the university policy and strategy in concurrence with executive council.
- All these decisions are implemented by the Registrar of the University.
- The administration and functions of the constituent colleges are looked after by the respective principals.
- The Heads of the departments in consultation with the departmental committee look after the departmental administration.
- The chairperson of the Board of studies formulates academic activities like curriculum design and pattern of the examinations etc.
- All the departments enjoy academic autonomy in teaching, learning and academic activities for smooth functioning of the departments and development.
- Finance officer assists the Registrar in implementing all the financial decisions on all routine matters.
- Finance Committee examines the annual accounts.
- Academic Senate supervises academic policies.
- Standing Committee is the Sub-Committee of Academic Senate and it reviews matters relating to syllabi, teaching, research and affiliation, etc. subject to the approval from Academic Senate.
- Departmental Committees take decisions on academic and administrative matters relating to the departments.

6.2.3. Does the university have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?

Yes

- The Director, IQAC is responsible for deployment of quality policy through the well-established IQAC of the university, University Research Monitoring Committee, Departmental Research Committee and Departmental Committee.



- IQAC works in association with Dean, Academic Audit; and Dean, College Development Council for quality.
- IQAC conducts quality audit and analysis frequently to assess the competence, progress and suggest changes for further improvement.
- The University has introduced CBCS at both UG and PG levels to ensure continuous evaluation of students.
- IQAC promotes quality through Seminars and Workshops.
- As part of the CBCS system gradation, seminars and project reports have been introduced as per the UGC guidelines.
- IQAC functions as a Nodal Agency of the University for Quality related issues.

6.2.4. Does the university encourage its academic departments to function independently and autonomously and how does it ensure accountability?

Yes

- All the departments enjoy the academic autonomy with respect to the departmental activities.
- The departmental committee meetings are held frequently to discuss academic and administrative matters of the department.
- The meetings of boards of studies are also held to take decisions on curriculum design, evaluation schedules, results and other related matters.
- The annual budget allotted to the department is utilized for the departmental activities through departmental committee.
- The principals of constituent colleges conduct meetings with all heads of the departments to review the activities in the college for smooth and effective functioning.
- The decisions taken at department level are recommended to the Vice-Chancellor through proper channel and the University approves the same and issues necessary orders.
- All departments have to submit annual reports which are reviewed for accountability.

6.2.5. During the last four years, have there been any instances of court cases filed by and against the institute? What were the critical issues and verdicts of the courts on these issues?

- During the last four years, minor cases have been filed against the university out of which some cases were disposed.
- The cases filed are related to (1) service matters of Teaching and Non-Teaching (2) students admissions/exams etc., (3) few land cases (4) colleges affiliation etc.
- A critical land case was disposed in favour of the university by the hon'ble supreme court of India, New Delhi.
- There is a separate legal cell in the university which deals with the court cases.



6.2.6. How does the university ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

- A Grievance Redressal Committee effectively functions to resolve/redress any type of complaint/grievance from any section of the university.

6.2.7. Does the university have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

Yes

- The university has a mechanism to evaluate the performance of the institution through IQAC.
- The evaluation of the performance of the teachers by the students is carried out with a format containing a set of questions by IQAC.
- The feedback obtained by the IQAC is analyzed and the report is sent to the respective departments and faculty.
- The Vice-Chancellor reviews the performance of the departments based on the feedback.

6.2.8. Does the university conduct performance audit of the various departments?

Yes

- The annual reports of the departments will be taken for considering/judging the performance of departments.
- The Vice-Chancellor discusses the performance of the departments with Heads for assessment.

6.2.9. What mechanisms have been evolved by the university to identify the developmental needs of its affiliated institutions?

- University ensures proper planning and integrated development of affiliated colleges by providing necessary help and guidance.
- Through appointment of faculty members on Advisory/Governing bodies of affiliated colleges, University effectively acts as catalyst in the development.
- University ensures interaction between the faculty of the University and the affiliated colleges for improvement of standards.
- The Dean, College Development Council and the Dean, Academic Audit conduct inspections of the affiliated colleges to ensure the sufficiency of the staff, space, labs, library and other infrastructure facilities.

The developmental needs of the affiliated institutions are addressed through the following functions performed by College Development Council:

- Recommending to the University for the granting/extension of affiliated based on periodic visits to the colleges and verification of infrastructural and other facilities as per the norms prescribed by UGC/APSCH/University.
- Coordination with Telangana State Council of Higher Education regarding joint inspections for establishment of new colleges and restructured courses at the existing colleges.



- Recommending to the University for grant of affiliation to professional colleges (Engineering/ Pharmacy/Law/Education/MCA & MBA) after visits by the Inspection Committee and verification of facilities as prescribed by AICTE/BCI/NCTE/ State Technical Education etc.,
- Recommending to University for sanction of additional strength to the affiliated colleges based on the space and other facilities available at the colleges.
- Monitoring of UGC Grants released to affiliated colleges sanctioned under 2(f) and 12(b). Forwarding of U.C. and completion report to U.G.C.
- To facilitate change of premises and change of society of the affiliated colleges through inspection as per University / TSCHE norms.

6.2.10. Does the university have a vibrant college developmental council (CDC)/Board of College and University Departments (BCUD)? If yes, detail its structure, functions and achievements.

Yes

- The University has College Development Council (CDC).
- The College Development Council (CDC) is an institution created by the University Grants Commission to provide help and guidance for the integrated development of affiliated colleges and act as a bridge between the University and the UGC, State Education Department, the Telangana State Council of Higher Education and the affiliated colleges of University.
- The Office of the College Development Council was started in 1982.
- In addition to the routine functions of affiliated colleges, the College Development Council has been motivating the colleges to achieve the goals and maintain academic standards.
- CDC guides the colleges to apply under different schemes to the UGC for financial assistance, conducting training programs for UG and PG college teachers and preparing the colleges for NAAC accreditation.

6.3. Faculty Empowerment Strategies

6.3.1. What efforts have been made to enhance the professional development of teaching and non-teaching staff?

- The University has been putting concerted efforts to enhance the professional development of teaching and non-teaching staff.
- Newly recruited members of faculty are advised to undergo mandatory Orientation and Refresher courses through the Academic Staff College.
- The University also reimburses the research project proposal expenses of faculty.
- Travel grants are also provided to faculty who are invited to present their project proposals by central funding agencies.
- While assistant and associate professors are provided with study leave, professors can avail sabbatical leave of one year for every six years of service.
- Travel support and on duty leave are provided liberally to facilitate faculty participation in International, National Conferences, Symposia, etc.



- Faculty members are encouraged to attend summer training and workshops in their respective areas of specialization.
- The large number of MoUs and collaborations were signed with international and national universities to facilitate faculty exchange programmes.
- The University imparts training to non-teaching staff to develop positive outlook towards work, staff, students and society.
- This program covers supporting staff, junior assistants and other ministerial staff in different batches.
- The performance of the non-teaching staff is monitored periodically and training programmes in computer skills, communication skills and attitude are organized.
- The IQAC conducts programs for non-teaching staff to enhance the overall competencies of non-teaching staff.
- The Director, IQAC will interact with non-teaching staff of the university in training and orientation programs to evaluate the performance of non-teaching staff.

6.3.2. What is the outcome of the review of various appraisal methods used by the university? List the important decisions.

- Faculty members are informed about their performance in teaching after analyzing student feedback obtained by the Internal Quality Assurance Cell (IQAC).
- Their all-round performance is periodically appraised by external experts for their progression under the Career Advancement Scheme.
- University encourages staff to attend training programmes conducted by the University.
- The non-teaching staff is encouraged to pursue the courses offered by the University's SDLCE.
- All administrative staff is encouraged to undergo training in computer skills.
- The promotion of staff in this category is based on the appraisal by confidential reports from their supervising officers and a qualifying test.
- The Internal Quality Assurance Cell (IQAC) of the university advises all its faculty members to assess themselves through self-appraisal formats designed by the UGC.
- The performance of the non-teaching staff is assessed based on fixed parameters.
- For the declaration of the probation and confirmation of the services of the employees, confidential reports are taken into consideration.

6.3.3. What are the welfare schemes available for teaching and nonteaching staff? What percentage of staff have benefitted from these schemes in the last four years? Give details

- Festival advance i) Non-Gazetted Officers: Rs. 4,000/- and ii) Class IV employees: Rs. 3,000/- and is recovered in 10 equal installments. 60% benefitted.
- Marriage Loans for non-teaching staff: i) Daughter's marriage: Rs. 75,000/- and Son's marriage Rs. 50,000/- and the same is recovered in 40 installments. This facility is utilized by the 60% of the employees.



- Medical Loans: Up to Rs. 20,000/- and same amount is recovered in 10 equal installments. This facility is utilized by 50% of employees.
- Special Medical Loans: up to Rs.50,000/- and the same amount will be recovered in 25 equal installments. This facility is for both teaching and non-teaching staff as recommended by the Medical Board of the University health centre on the basis of seriousness of the disease.
- The University health centre is serving both University campus and University Arts & Science College with one Medical Officer, three consultants, one Gynecologist, Nurse etc. This facility is for teachers, non-teachers and students.
- One bicycle has been allotted to every office for office attenders.
- GLIS has been introduced for teaching/non-teaching staff with following monthly premiums. 100% benefitted.
 - (i) Teaching Staff: Rs. 120/-, (ii) GO's: Rs. 90/-, (iii) NGO's: Rs. 60/-, (iv) Class IV: Rs. 30/-.

6.3.4. What are the measures taken by the University for attracting and retaining eminent faculty?

- The eminent faculty is provided with academic ambience.
- Administrative support is given to them in processing research related matters.
- The eminent faculty are attracted and retained through congenial academic atmosphere, personalized attention and motivation.
- University provides absolute freedom to carry out the research work.

6.3.5. Has the university conducted a gender audit during the last five years? If yes, mention a few salient findings.

Yes

- The University follows all the statutory requirements for gender balance after gender audit.

6.3.6. Does the university conduct any gender sensitization programmes for its faculty?

Yes

- Center for women studies looks after the welfare of women and it is mandatory on their part to conduct gender sensitization programmes.
- Keeping in view the importance of the issue, a new course viz. M.A. (Gender Studies) has been introduced in the University.
- As part of the course work several gender sensitization programmes are being organized.
- The Grievance Committee looks after the sensitization programmes for the faculty.

6.3.7. What is the impact of the University's Academic Staff College programmes in enhancing the competencies of the university faculty?

- University has no Academic Staff College.



- Kakatiya University is planning to establish Academic Staff College due to the enormous increase in the degree and post graduate colleges in the jurisdiction of the university.

6.4. Financial Management and Resource Mobilization

6.4.1. What is the institutional mechanism available to monitor the effective and efficient use of financial resources?

- The University has an efficient finance management and resource management system.
- The budget is prepared and managed carefully avoiding unnecessary expenditure.
- The finance department takes all the necessary steps with regard to all financial allocations by meticulously following the procedures.
- In order to monitor the finance allocations, certain sub-committees have also been formed.
- All major financial related matters are discussed in the financial committee meetings before they are submitted to the Executive Council.
- The finance committee examines and prepares the annual accounts, annual budget estimates and reviews financial position and makes recommendations to the executive council on all financial matters of the University.
- After taking approvals from the executive council, necessary action will be taken.
- The financial approvals and sanctions are issued after following due procedures.

6.4.2. Does the University have a mechanism for internal and external audit?

Give details.

Yes

- The University has a mechanism of both internal and external audit system.
- All files related to accounts are scrutinized and verified by the section heads and officers concerned before the files are processed depending on the budget provisions and availability of funds.
- Processed files will be submitted to the authorities.
- With regard to the external audit, all the accounts are audited by the local fund state audit located in the University.
- The sections of finance department concerned coordinate in getting the accounts audited by the State audit.

6.4.3. Are the institution's accounts audited regularly? Have there been any major audit objections, if so, how were they addressed?

Yes

- All the financial transactions in the University are audited by the Local Fund Audit located in the campus.
- Utilization certificate is obtained from Local Fund Audit after verification of relevant records in respect of block grant.
- The finance department will coordinate with Local Fund Audit.



- In case of any objections, the objections will be sent to the departments concerned for clarifications with a request to submit the replies.
- The officer concerned will submit the clarifications for the objections along with documental evidence to the audit section.
- Audit section will scrutinize the clarifications submitted and if they are satisfactory the objections are dropped.

6.4.4. Provide the audited income and expenditure statement of academic and administrative activities of the last four years.

Table – 6.1

Statement showing the Receipts and Payments of Fund A/c April 2012 to March, 2013

RECEIPTS		PAYMENTS	
51 Grant from State Govt.	654044941.00	01 Teaching Salaries	342045553.30
52 Income A/c- Fee from Students	163489173.00	02 Non-Teaching Salaries	16838046650
61 Income for Buildings & Other Properties	180045.00	03 Travelling Allowances	2069836.00
62 Interest on various Funds	22140.00	05 Academic Contingencies	6227864.00
63 Publication Cell & Stores	490275.00	06 Administrative Contingencies	6909802.00
64 Directorate of Admissions	467623.08	07 Common Contingencies	7758274.00
67 University Auxiliary Services	817932.00	09 Grants & Subscriptions- Others	1922900.00
68 Transfers From Other Parts	160000000.00	10 Creation of New Infrastructure	2969874.00
70 Recoverable Advances	70000.00	11 Maintenance of charges	3797704.00
90 Loans Advances ETC	11000.00	12 Maintenance of Services	16424152.00
91 Others	51984489.90	14 Student services	677441.00
	135000004.70	15 Welfare/Recreational Activities	79700.00
		31 Pension	152235873.00
		32 Gratuity & commutation of Pension	98761925.00
		51 Honorarium	1548544.00
		52 Other payments	5450750.00
		90 Loans Advances Etc.	5569637.00
		91 Other Payments	269931879.20
Total receipts	116,67,77,624.18	Total Expenditure	114,18,20,175.00
Opening Balance	7,01,81,617.86	Closing Balance	9,51,39,067.04
Grand total	123,69,59,242.04	Grand total	123,69,59,242.04



Table – 6.2
Statement showing the Receipts and Payments of Fund A/c April 2013 to March, 2014

RECEIPTS		PAYMENTS	
51 Grant from State Govt.	48225900.00	01 Teaching Salaries	338447153.00
52 Income A/c- Fee from Students	105516925.00	02 Non-Teaching Salaries	178227317.80
61 Income for Buildings & Other Properties	2283619.00	03 Travelling Allowances	2087402
62 Interest on various Funds	1361024.00	05 Academic Contingencies	5066987.00
67 University Auxiliary Services	1737764.00	06 Administrative Contingencies	4003032.00
68 Transfers From Other Parts	145380000.00	07 Common Contingencies	6068543.00
90 Loans Advances ETC	2961248.00	09 Grants& Subscriptions- Others	964001.00
91 Others /Receipts	100150918.92	10 Creation of New Infrastructure	13050961.00
	120401999.80	11 Maintenance of charges	4887505.00
		12 Maintenance of Services	20947690.00
		14 Student services	1336097.00
		15 Welfare/Recreational Activities	73400.00
		31 Pension	191494787.00
		32 Gratuity & commutation of Pension	63744680.00
		51 Honorarium	2022560.00
		52 Other payments	80814879.00
		90 Loans Advances Etc.	1318500.00
		91 Other Payments	123319733.80
Total receipts	96,20,52,498.72	Total Expenditure	1,03,78,75,228.60
Opening Balance	9,51,39,067.04	Closing Balance	1,93,16,337.16
Grand total	1,05,71,91,565.76	Grand total	1,05,71,91,565.76



Table – 6.3
Statement showing the Receipts and Payments of Fund A/c April 2014 to March, 2015

RECEIPTS		PAYMENTS	
51 Grant from State Govt.	613286000.00	01 Teaching Salaries	285564134.10
52 Income A/c- Fee from Students	106533092.00	02 Non-Teaching Salaries	206469350.10
61 Income for Buildings & Other Properties	2246056.00	03 Travelling Allowances	3235288.00
62 Interest on various Funds	289488.00	05 Academic Contingencies	3440585.00
64 Directorate of Admissions	2570391.00	06 Administrative Contingencies	4629506.00
67 University Auxiliary Services	1849216.00	07 Common Contingencies	5814746.00
68 Transfers From Other Parts	142600000.00	09 Grants& Subscriptions- Others	719111.00
90 Loans Advances ETC	3036734.00	10 Creation of New Infrastructure	3303607.00
91 Others /Receipts	104007432.44	11 Maintenance of charges	5084840.00
	115502150.30	12 Maintenance of Services	20763914.00
		14 Student services	155327.00
		15 Welfare/Recreational Activities	29700.00
		31 Pension	225014150.00
		32 Gratuity & commutation of Pension	46846826.00
		51 Honorarium	1452983.00
		52 Other payments	61349783.00
		90 Loans Advances Etc.	8902826.00
		91 Other Payments	147540962.40
Total receipts	109,19,20,59.74	Total Expenditure	103,03,17,638.60
Opening Balance	1,93,16,337.16	Closing Balance	8,09,19,258.30
Grand total	111,12,36,896.90	Grand total	111,12,36,896.90



Table – 6.4
Statement showing the Receipts and Payments of Fund A/c April 2015 to March, 2016

RECEIPTS		PAYMENTS	
51 Grant from State Govt.	577896209.00	01 Teaching Salaries	300707901.00
52 Miscellaneous	65222312.00	02 Non-Teaching Salaries	218214588.00
53 Other Fee	9461790.00	03 Travelling Allowances	1164817.00
61 Income from Buildings & Other Properties	314753.00	05 Academic Contingencies	3950577.80
63 Directorate of Admissions	10200.00	06 Administrative Contingencies	3177010.00
64 Directorate of Admissions	200052.00	07 Common Contingencies	5651234.00
67 University Auxiliary Services	405404.00	09 Grants& Subscriptions- Others	673975.00
68 Transfers From Other Parts	117000000.00	10 Creation of New Infrastructure	1170843.00
91 Others /Receipts	110902206.39	11 Maintenance of charges	3695114.00
	140583110.16	12 Maintenance of Services	21588825.00
		14 Student services	168272.00
		15 Welfare/Recreational Activities	110256.00
		31 Pension	264094051.00
		32 Gratuity & commutation of Pension	85700026.00
		51 Honorarium	1686605.00
		52 Other payments	64460565.00
		90 Loans Advances Etc.	2085000.00
		91 Other Payments	111822756.39
Total receipts	1,02,19,96,036.55	Total Expenditure	1,09,01,44,273.19
Opening Balance	8,09,19,258.30	Closing Balance	1,27,71,021.66
Grand total	1,10,29,15,294.85	Grand total	1,10,29,15,294.85

6.4.5. Narrate the efforts taken by the University for Resource Mobilization.

The following are some of the initiatives taken by the University for Resource Mobilisation

- Organizing alumni meetings for developmental activities.
- Encouraging collaborative research with prominent research organizations for infrastructure development.
- Encouraging the faculty members to send project proposals for various funding agencies.
- Self-finance courses
- Approaching local political leaders for raising funds.
- Distance learning courses in affiliated colleges.

6.4.6. Is there any provision for the university to create a corpus fund? If yes, give details.

Yes, Rs. 1 crore.



6.5. Internal Quality Assurance System

6.5.1. Does the university conduct an academic audit of its departments? If yes give details.

Yes

- The University has Internal Quality Assurance Cell (IQAC).
- University conducts academic audit in relation to research work done by the faculties.
- The University conducts academic audit through IQAC.
- The performance of the department and faculty is obtained through student feedback system.
- IQAC analyses the feedback and the reports of analysis are sent to the principals concerned for review.
- The university takes required steps to improve the teaching, learning and evaluation processes depending on the academic audit reports.

6.5.2. Based on the recommendations of the academic audit, what specific measures have been taken by the university to improve teaching, learning and evaluation?

- Orientation programmes and refresher courses have been conducted in the respective departments.
- Workshops have been conducted in the university.
- Based on the student feedback information, the teachers and the department are informed about the performance along with corrective measures.

6.5.3. Is there a central body within the university to continuously review the teaching learning process? Give details of the structure, methodologies of operations and outcome?

- Yes, the university established Dean Academic Audit to continuously review the teaching learning process.
- Dean, Academic Audit, the Deans of the respective faculties and one senior professor are the members of the Academic Audit.
- The Heads of the departments organize the departmental committee meetings and staff meetings frequently to review the class room teaching and learning process in the department.

6.5.4. How the IQAC contributed to institutionalizing quality assurance strategies and processes?

- The IQAC has its quality management system
- The IQAC conducts review meetings involving Vice-Chancellor, Principals, Administrative officers and Heads of all academic departments on academic schedule and matters.
- Introduction of CBCS and grading system in all the courses.
- All academic departments are informed about quality objectives and targets for each academic year.



- Events registers are maintained in the departments.
- The IQAC conducts quality campaign by analyzing performance self-appraisal reports of faculty in the university.
- Introduction of weightage to student seminars.
- It conducts training programmes for supporting staff.
- Strengthening of procedure of admission into Ph.D.

6.5.5. How many decisions of the IQAC have been placed before the statutory authorities of the University for Implementation?

Ten.

- The decisions related to academic and research recommendations of IQAC are placed and discussed in Standing Committee of Academic Senate.
- The decisions related to administration, foreign relations and consultancy are placed in the Executive Council of the university.

6.5.6. Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

Yes

1. Prof. V. Mallareddy Retd., Professor, Industry
2. Prof. G. Srinivasa Reddy., Retd. Professor
3. Prof. B. Rajashekar., Professor, UOH, Hyderabad

- The external members have contributed their expertise in teaching and research.
- Yes, the members frequently meet and contribute for the improvement of quality and performance of the University.
- The advisory committee monitors the activities of IQAC.
- It advises IQAC in matters relating to feedback from the University stake holders, green audit, academic curriculum design etc.

6.5.7. Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

Yes

- There is a separate SC/ST cell to monitor the academic growth and sensitize disadvantaged sections of the society.
- IQAC collects data regarding the admission and progression of students from disadvantaged sections of society.
- IQAC encourages the different sections of the university to play active role in the development of the students from disadvantaged sections of society.

6.5.8 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centres, etc.?

- The university collects annual reports from all departments for a periodic review of administrative and academic departments.



- A detailed report on the academic performance of each department is reviewed for setting the goals and objectives to be achieved.
- Depending on the strengths, each department is encouraged to take up research in thrust areas.

Any other information regarding Governance, Leadership and Management which the university would like to include.

Quality Sustenance and Enhancement Indicators

- Provision of autonomy to learners, teaching and non-teaching staff within well-framed university norms and regulation.
- Introduction of transparency and openness through phased e-governance initiatives.
- Optimization of existing resources through sharing.
- Comprehensive academic audit system through Dean Academic Audit.
- Combination of thrift and prudence in budgeting and expenditure through Finance Committee.
- Provision of travel grants to faculty to attend seminars and conferences.
- Free IT training for administrative staff.
- Group Insurance scheme for staff.
- Collaboration with industry, national and international universities through MoUs to facilitate knowledge sharing and enhancement.



CRITERION – VII : INNOVATIONS AND BEST PRACTICES

7.1. Environmental Consciousness

7.1.1. Does the university conduct a Green Audit on its campus?

Yes

The University conducts green audit in the campus. The following are the features.

- The campus is lush green with 3904 well grown trees.
- Tree plantation programme is organized every year in the University and all students and staff participates in the event to make the campus green.
- Usage of CFL lamps.
- Capacitors with good power factor have been used at various transformers.
- At some places solar energy systems are installed.
- Most of the old air-conditioners are replaced with star rated air-conditioners.

7.1.2. What are the initiatives taken by the university to make the campus eco-friendly?

- The coordinator, Avenue plantation, will monitor the ecosystems of the campus.
- The University is taking various initiatives to make the campus eco-friendly.
- Energy conservation
- Green house construction and several other steps are taken for energy conservation. University always encourages usage of CFL lamps and restricts the use of air-conditioners.
- Use of renewable energy
- The Administrative Building and Examinations Branch are using solar energy as alternate source of energy.
- Solar windows are installed on the terrace of the administrative building.
- Plans are underway to use solar energy power in other buildings on the campus to reduce power consumption and use alternative sources of generating power which would help in overcoming the power crisis.
- Distilled water is collected for lab purposes by solar energy based equipment in Pharmacy department.
- **Water harvesting**
- Rain water harvesting has been done in the existing buildings under a project sanctioned by Central Ground Water Board, Ministry of Water Resources, and Government of India.
- Under this project 69 roof top rain water harvesting structures were built.
- It is made mandatory to conserve rain water through water harvesting pits in all the new/proposed constructions in the University.



➤ **Check dam construction**

- From the grants of the research projects, 33 artificial recharge structures which include check dams (9), percolation tanks (2), mini percolation tanks (2), and Gabian structure (1) were constructed in the campus.
- This project was successfully completed and the ground water levels in the KU campus and adjoining colonies have increased considerably and all the bore wells are fully charged.

➤ **Efforts for Carbon neutrality**

- Phase-wise implementation of e-governance by the University will reduce the vehicle mobility in the campus,
- E-governance is one of the novel means to promote carbon neutrality.
- The University is restricting the usage of AC and vehicular movement to reduce the greenhouse gases along with CO₂.

➤ **Plantation**

- NSS has done a lot of work to make the campus green through avenue plantation in the campus.
- Avenue Plantation wing of the university has planted about 5,000 saplings of all types including some medicinal plants and energy plantation on the campus.
- Ten acres of land has been allocated for social forestry to plant different types of tree species to maintain the biodiversity.

➤ **Hazardous waste management**

- The University has an underground drainage system which drains the water from laboratories.
- Hazardous chemicals and broken glassware are disposed carefully.
- The University discourages the usage of plastic in the campus.

➤ **E-waste management**

- The university disposes the electronic waste and old items department wise by calling tenders from the agencies that use it for recycling.

Any other specify

- The litter and the hostel waste generated in the campus is collected and processed under the concept of 'Wealth from the Waste'.
- This waste is subjected for composting using natural organisms and worms and converted into fertile compost.
- This compost in turn is used to improve soil fertility. The compost when prepared in large quantities is marketed for the use in kitchen garden.
- Vermi technology-bioconversion of waste in to useful compost is well practiced for the management of waste in the campus.
- The wastelands in the campus are identified and grown with fast growing trees and these trees are used for generation of energy. The pulp from the trees is used in paper/rayon industries.
- Mulberry cultivation for sericulture is practiced in the university campus.



- The cocoon nurturing, management and silk production are experimented in the sericulture laboratories.
- The recent practices in Tassar culture and mulberry cultivation have been used to educate rural people in those practices through training programmes.
- The expertise is useful for the development of cottage industries in the rural sector.
- Mushroom is the highly protein-rich food and easily cultured and developed as a cottage industry.
- Button mushroom and oyster mushrooms are cultivated using waste agriculture substrates.
- The significance of mushroom as nutritious food is propagated.
- Organic agriculture is need of the hour to understand the consciousness of health. Pesticides are accumulated in the vegetables, fruits, nuts, etc., and responsible for many human health problems. Hence, the use of chemicals and toxic pesticides are discouraged and advised to apply bio-fertilizers and bio-pesticides.
- Laboratory to land programme has been initiated to ensure that majority of the innovations achieved in all the laboratories of the Kakatiya University are shared with people at the grass root level.

7.2. Innovations

7.2.1. Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the university

Several initiatives have been taken for quality functioning of the University. Some of the major initiatives are:

- The University is providing Wi-Fi facility in all the departments and student hostels in the campus.
- Online admission process in all courses Examination Centres on line.
- Dial your university program.
- Online registration facility for Alumni.
- Interaction of Vice-Chancellor with Academic and Administrative Heads through Skype.
- ICT enabled teaching.
- Video recording of Students seminar to improve the teaching skills.
- Village adoption by NSS unit, identifying dropouts from schooling and conducting the remedial classes.
- Entrance for Ph.D admission.
- Soft skills and personality development training classes.

7.3. Best practices

7.3.1. Give details of any two best practices which have contributed in better academic and administrative functioning of the university.

Best Practice I:

1. Title of the practice

BEST PRACTICES IN ADMINISTRATION (E-Governance) AND EXAMINATION BRANCH



2. Objectives of the practice :

The objectives of the best practice are as follows.

- Participation of all stakeholders; Creation of KU website; www.kakatiya.ac.in.
- This helps to know about the activities of University by all the stakeholders.
- The faculty programs, notifications, examination results, faculty performance self-appraisal reports, research update etc. are included.
- Purchase of scientific equipment above Rs. one lakh are notified as part of electronic tendering process.
- This notification is kept in the website for the suppliers.
- This procedure helps in giving equal opportunity for everyone to supply the equipment needed by the departments on competitive prices.
- The examiners/evaluators number 10,000 and examinees numbering about 3.0 lakhs are the stakeholders in the examination process.
- A panel of examiners/evaluators (subject experts/teachers) drawn from university, constituent & affiliated colleges is developed by the chairperson, BOS for evaluation of answer scripts.
- The examinees are allowed to write two (02) internal assessment examinations in each semester of PG, Professional & UG courses at their respective colleges itself and the average marks of the 2 examinations is considered at the time of declaration of results.
- **Decentralization of examination process:**
 - The examination process is decentralized by permitting the university/department & college level to conduct the internal assessment examinations and practical examinations.
 - Project evaluation and conducting Viva Voce is also permitted at college level.
- **Maintenance of confidentiality:**
 - Code numbers are allotted to the answer scripts written by the examinees of UG, PG & professional courses.
 - Strict confidentiality is maintained right from the time of receiving the answer scripts to declaration of results. This infuses a sense of confidence in the examinees.
- **Early publication of results:**
 - Confidential section of the examination branch headed by a Professor is responsible for question paper setting, printing, packing and dispensing to examinations centers.
 - The results of UG, PG and professional are declared within 45 days after the last examination.
 - The results are published in the university website.



- The results are displayed on the noticed board of the examination branch and the notice boards of respective colleges.
- **Maintenance of transparency in results:**
 - To maintain the transparency in the evaluation process, the photocopy of written answer script of the examinee is issued on payment of minimum fee of Rs.200/- per paper.

3. The context:

- The examination branch headed by the Controller of Examinations (COE) comprises 5 sections viz. confidential, UG, PG & Professional and SDLCE sections headed by additional controllers (ACOE).
- All the sections work in tandem with the computer section and the accounts/audit section.
- **Confidential section:**
 - Organizes all confidential work pertaining to examinations, thesis adjudication paper setting, printing, dispensing of question papers to the examination centers

UG section:

- Conducts annual & supplementary examinations for UG courses, organize spot valuation and publish results & undertake revaluation.

PG & Professional section:

- Conducts annual & supplementary examinations for PG & Professional courses, organize spot valuation and publish results & undertake revaluation.

SDLCE section:

- Conducts annual & supplementary examinations for UG & PG courses organize spot valuation and publish results & undertake revaluation.

Certificate Section:

- Deals with degree certificates, gold medals and verification/authentication of certificates.

Computer Section:

- Involves in pre- and post-examination work for publishing results and also provides computer prints of marks sheets, provisional and degree certificates.

Audit/accounts section:

- Deals with all the financial matters.
- The university examination branch conducts annual, supplementary and semester examinations for about 3 lakhs students of UG, PG and professional courses.
- For UG courses, annual examinations are conducted during March/April and supplementary examination during October/November.
- For PG courses semester examinations are conducted during April/May & November/December and for professional courses, annual & semester examinations are conducted throughout the year.



4. The practice:

The practice has the following two distinct parts (a) Pre-Examination Process and (b) Post-examination process.

(a) Pre-Examination Process

- **Notification of examination fee:**
- The University semester examination commences after fulfillment of 90 working days as per the almanac, and placed on the website and also hard copies are sent to colleges for information to examinees.
- **Late fee provision:**
- The examinees are permitted to pay examination fee even after the last date of payment with late fee.
- **Online receipt of nominal rolls:**
- The Online system is introduced for submitting nominal rolls of the examinees by respective colleges.
- **Uploading of hall tickets:**
- The hall tickets of the examinees of all courses are uploaded to enable the colleges to download and issue hall tickets to the examinees. A single hall ticket is issued to the examinee for all the years of the course.
- **Time table on website:**
- The time table of different examinations is posted on the university website for the benefit all examinees.
- **D form and attendance statement:**
- The D forms & attendance statement with photograph with specimen signature are sent online to avoid malpractices.
- **Flying squads and special teams:**
- Senior teachers of the university and degree colleges are appointed as sitting squad to oversee the strict & fair conduct of the examination in each examination centers.
- Special teams consisting of senior most Professors of the university make surprise visits to different examination centers.
- **Maintenance of strict confidentiality of question papers:**
- The question papers are /preserved /kept in the nearby police stations or selected nodal centers (Government colleges) for use.
- The chief superintendent of the examination will collect the question papers from the police station or nodal center an hour before the commencement of examination.
- **Return of written answer scripts to nodal centers:**
- The written answer scripts are packed and sealed and transported to the specified nodal centers immediately after completion of the examinations. The chief superintendents are strictly instructed not to keep the written answer scripts in the respective examination center after completion of the examination to avoid the replacement of scripts or any other malpractice in the center.



(b) Post–Examination process:

- **Coding of written Answer Scripts:**
- Written answer scripts are thoroughly verified and a code number is allotted to each written answer script to maintain script confidentiality in evaluation process. Similarly bar-coded OMR sheets are used for entrances tests/examination to PG courses and eligibility test under distance mode. This enables declaration of results within 2-4 days by scanning the bar-coded OMR sheets. On experimental basis bar-coded OMR sheets was introduced for B.Tech. & B.Pharmacy annual/semester examinations.
- **Spot valuation:** Spot valuation is conducted in the examination branch by inviting examiners/valuators from different colleges on the recommendation of Chairpersons of BOS. Chief examiner is appointed for a group of 10 examiners so as to have effective control in evaluation.
- In respect to PG and professional courses, answer scripts will be evaluated by 2 examiners, one internal & one external, to avoid discrepancy in awarding marks. If the difference between marks awarded by the 2 examiners is more than 20%, the answer script will be evaluated by a third examiner/evaluator. The average of nearest two marks will be considered.
- **Scrutiny:** After evaluation concerned teachers will scrutinize the evaluated answer scripts, ensuring that all questions are evaluated, marks are posted on the answer script and award list. The marks awarded by the examiners are entered into the databases on the same day of evaluation to avoid any manipulation of the marks awarded.
- **Moderation committee:** Before the processing of results, the moderation committee will examine the pattern of evaluation and pass percentage and will make recommendations if required.
- **Computerized processing of results:** The processing of examination results is performed by computer center. Immediately after publishing the results, the marks secured by the examinees are placed on the website for verification by the examinee and also to apply for revaluation/ recounting.
- **Revaluation process:** The revaluation process begins with assigning of dummy numbers and inviting the examiners who have not valued the answer papers earlier for PG and professional courses, whereas the answer scripts of UG courses will be sent to other universities for evaluation.

5. Evidence of success:

- Evaluation of the performance of the examinees in the academics by the concerned teachers at the college level by conducting internal examinations and practical examinations.
- Strict confidentiality is maintained by allotting code numbers to each written answer script before the commencement of evaluation process.
- All the information related to examinations, right from fee notification to declaration of results is placed on the university website for easy access to the examinee, colleges & examination centers.
- The marks secured by the examinee in each examination is placed on the website immediately after publication of results for information and verification



of the examinee and to enable the examinees to apply for recounting/revaluation without waiting for issuance of marks sheet.

- The instant examination is conducted immediately after publication of results for those who have failed in one subject. This practice enabled the examinee to become eligible for higher studies on par with other regular examinees and also saves one precious academic year.
- Transportation of written answer scripts from remote examination centers to identified nodal centers incurs minimum expenditure and saves time.

6. Problems encountered and resource required:

- Some of the colleges located in remote rural places are facing problems in uploading and downloading the information relating to examinations due to non-availability of internet facility and frequent load shedding.
- Due to lack of expertise in handling computers, the staff of UG colleges in remote rural places is unable to upload the nominal rolls, internal marks and practical marks on time.

7. Notes

The best practices that are followed in examination system has the following impact on the stake holders

- Easy access to information relating to examination by the stake holders i.e., examinees, colleges & examination center.
- Involvement of the teachers concerned in conducting the internal assessment and practicals at college level to enable them to evaluate the performance of the examinee in the examinations.
- Strict monitoring and control of malpractices in examinations.
- Involvement of teachers from different colleges in different stages of examination-evaluation process like verification, coding, scrutiny and evaluation of answer scripts.
- The results and marks secured by the examinee are placed on the website for immediate access to the examinee.
- The discontentment in examinees that they secured less marks is reduced considerably by supply of photocopy of answer scripts.

Best Practice II:

Curriculum Restructuring for Enhanced Career Opportunities

The Context

- Kakatiya University has been functioning as one of the oldest institutions of higher learning in the state of Telangana since 1976. It has produced a galaxy of scholars, scientists, civil servants and many other persons who have distinguished themselves in various fields. Monitoring the quality of the curriculum is a practice which requires continuous activity to serve the interests of the students especially the advanced learners. Therefore, it has maintained its reputation as an institution of higher education.



The Objectives

The University has a uniquely conceived mission to provide a learning experience which will enable the students to realize their innate potential and mould their overall personality.

- Promoting academic excellence
- To ensure the quality of curriculum and curricular transactions in all faculties.
- To provide adequate learning opportunities for advanced learners.
- To make students and teachers acquire advanced knowledge in their respective fields.
- Developing self-reliant individuals.
- Providing career opportunities.
- Creating socially responsible citizens
- Conducting endowment lectures (www.kakatiya.ac.in)

Specifically the University has initiated a best practice in restructuring curriculum contents to meet the global requirements and improving the curricular transactions for enhanced employability.

The Practice

- The Boards of studies in different subjects meet twice a year and update the curriculum to suit the changing needs of the society.
- Views of the students and other stake holders are incorporated while updating the syllabi.
- The Board of Studies reviews all reports of the Academic Committees and suggests necessary action. It facilitates academic audit and accountability of all stakeholders.
- Auxiliary courses cover interdisciplinary subjects.
- The members of Board of Studies from industries assist the boards and students to update the syllabi in tune with the job requirements.
- Students are given wide options to choose from and they are permitted to make changes in their electives within one month from the date of commencement of the classes.

Evidence of Success

- Owing to continuous monitoring and surveillance of the academic programmes, the quality of the curriculum and the curricular transaction has improved. The institution is confident that the programme fosters employability and the students are able to meet global changes.
- Periodic assessment of the faculties by the students has made teaching more learner-centric. In multi-disciplinary subjects competent teachers from relevant disciplines have been trained at advanced centres of teaching. In the process of restructuring curriculum, teachers have attended and organized seminars, conference, workshops, and refresher courses.



- Study materials are supplied to the students well in advance which helped in promoting interactive learning.
- Remedial courses are conducted to enable the weak students to make up their deficiencies and cope up with the progress of the course.
- In the quest for knowledge creation a number of research projects have been undertaken by the faculty.
- The syllabi have been restructured twice during the last 5 years incorporating the UGC model syllabi. CBCS is introduced in all the courses.
- Keeping in view the changes that had taken place with the knowledge explosion, continuous improvement of the curriculum has been made.
- New programmes inspired by the social agenda have also been introduced.
- The University organises several endowment lectures every year as a remembrance of eminent personalities and their contribution to the society. These endowment lectures are sponsored by private groups. This activity encourages many young students and faculty members to get motivated and orient them to do socially relevant and outreach activities.
- Pharma industry needs qualified persons who can analyse the finished drug products and active pharmaceutical ingredients as per the drug regulatory agencies. This is not only important for Indian context but also has potential for export of drug formulations. In this context, at UCPSC, a PG (two year) course in pharmaceutical drug analysis was started with an intake of ten seats under SFC about five years back. Three batches finished their course. About thirty graduates have completed the course in the last five years and 80 % of candidates received employment.

Resources Required

- Computer Systems with necessary software for maintenance of academic data with trained computer assistants.
- Financial assistance for study tour and in-house training of teachers.
- Resource mobilisation through University-Industry interaction. Kakatiya University receives funding from the state and central Governments. Apart from this, University can tap funds from private industries. In this context, University –Industry interaction is important. Due to this interaction the requirements of industry will be known to the University. Further, the industry will know the potential of University for solving for some of the problems faced in industry. In this context, during last five years, two industries approached UCPSC, KU on certain industry related projects. These projects were successfully completed and delivered the needed data to the companies. As a result, research students got fellowships for completing their work apart from contributing to find the solutions to the problems.



ACTION TAKEN REPORT ON THE PEER COMMITTEE RECOMMENDATIONS

1. Introduction of Choice Based Credit System at PG and at graduate levels to be taken on a top priority basis

University has introduced Choice Based Credit System (CBCS) and grade evaluation methods for all the UG and PG courses being offered at Campus, Constituent and Affiliated colleges with the approval of all the statutory bodies.

2. Provide academic autonomy to the University departments and constituent colleges and persuade deserving affiliated colleges to be autonomous.

Departmental committees of all the departments are bestowed with the powers to take decisions on academic and administrative matters of the respective departments. In the present period of Assessment University has encouraged some deserving affiliated colleges to opt for autonomous status. The following are the colleges which gained the autonomous status. In the process the university has already permitted the following colleges to approach UGC, New Delhi for autonomous status.

1. Kakatiya Institute of Technology and Science, Warangal (Autonomous)
2. Govt. Pingle College for Women, Warangal.
3. University Arts and Science College, Subedari, Warangal (Autonomous)
4. SR & BGNR Govt. Degree College, Khammam (Autonomous)
5. ABV Govt. College, Jangaon.
6. Kakatiya Degree College, Warangal.

3. To streamline the professional educational programmes to be in tune with the guidelines of the regulatory bodies.

Under the jurisdiction of Kakatiya University the professional programmes that are offered are Engineering, Pharmacy, MBA, MCA and Education. All these programmes are running as per the guidelines of respective regulatory bodies, viz., AICTE, PCI, and NCTE. The running of these programmes is continuously monitored by the Dean Academic Audit, Kakatiya University.

4. Introduce Management Information System for more effective governance.

The University introduced Management Information System (MIS) which collects the information from various departments of the university and constituent colleges for effective governance.

5. To strengthen the computer facility by introducing Wi-fi and bandwidth.

Wi-Fi is available in the entire campus including the hostels.

6. Students mentoring to be strengthened.

In all the departments, the students are divided into batches and each batch is allotted a faculty member as a Mentor to guide the mentees on various aspects.

7. Distance Education to be streamlined by implementing DEC guidelines.

DEC guidelines are being followed strictly in running all the programmes offered under distance learning.

8. Women Empowerment schemes to be implemented.

University has a Women Study Centre and it organizes Seminars, Symposia and Gender Sensitization programs to deliberate on various women related issues and women empowerment schemes.

**9. Life skill development programme to be systematically introduced.**

The following life skill Development Programmes were introduced under SDLCE, KU, Warangal.

1. Diploma in Drawing
2. Certificate in Mastering in Web Design
3. Certificate in Beautician
4. Certificate in Net Programming
5. Certificate in OPP (Programming)
6. Certificate in Tally
7. Certificate in Drawing
8. Certificate in DTP.

10. Introduce career oriented UG/PG courses in relevant areas.

Introduced many career oriented programmes under the type inter-disciplinary and emerging areas viz., Business Management, Tourism Management, Human Resource Management, Biotechnology, Microbiology, Pharmacy, Engineering, Journalism, Informatics in UG and PG.

11. Health insurance for students and staff may be introduced.

Health insurance facility is extended to non-teaching staff and students.

12. Centralized Placement Cell and Grievance Redressal Cell may be strengthened.

Placement Cell and Student Grievance Redressal Cell are working in coordination with administration. There is a considerable increase in the student placements.

13. Computer aided learning packages may be developed by the faculty members.

In some departments, computer aided learning packages have been developed by the faculty members.

14. Students may be further encouraged and provided proper coaching to participate in large numbers in inter-collegiate, inter-university and national sports events and cultural activities.

For the period of assessment, a number of events on sports and cultural activities were organized not only at inter-collegiate level but also inter-university level in coordination with Indian Association of Universities. The students were encouraged to participate in the activities organized by the other universities in the country.

15. Courses in foreign languages and communicative skills may be introduced.

Centre for English Language Training is conducting the programmes in spoken English, communication skills and Foreign Languages for students.

16. University may develop facilities for research in Alternative sources of energy.

Research is being carried out in the departments of Botany, Microbiology, Biotechnology and Pharmacy for the production alternative sources of energy from bio-waste.

17. Efforts be made for Establishment of University and Industry linkage Centre.

University and Industry linkage Cell has been established.



Report of the Peer Team
on
Institutional Re-Accreditation
of

Kakatiya University
Warangal, Andhra Pradesh

(Dates of visit: 06-09 April 2009)

National Assessment and Accreditation Council
Bangalore-560 072, India



**Report of the Peer Team on Institutional Re-Accreditation
of
Kakatiya University, Warangal, Andhra Pradesh**

Criterion I: GENERAL	Information
1.1 Name & Address of the Institution:	Kakatiya University, Warangal Andhra Pradesh
1.2 Year of Establishment:	19.8.1976
1.3 Current Academic Activities at the Institution (Numbers) • Faculties/Schools: • Departments/Centres • Programmes/Courses offered • Permanent Faculty • Permanent Support Staff • Students (2008-09)	Faculties-08 (Arts, Science, Commerce, Social Science, Engineering, Pharmacy, Education, Law) Departments-23, Centres - 02 103 (PG-31, M.Phil-17, Ph.D-36, UG-3, Diploma/Certificate-12, Five Yr. Integrated Course - 3) Permanent-141(Sanctioned-164), Temporary-23 450(Administrative-403, Technical-47), sanctioned-633 2850
1.4 Three Major features in the institutional Context (As perceived by the Peer Team)	• State University in the backward region of AP • Multi-faculty affiliating University with more than 500 affiliated institutions. The mission and vision of the University is to provide higher education to marginalized group and tribal section
1.5 Dates of Visit of the Peer Team(A detailed visit schedule is included):	06-09 th April 2009
1.6 Composition of the Peer Team which undertook the on-site visit	
Chairman:	Prof. S. K. Saidapur , Vice-Chancellor, Karnatak University, Karnataka.
Members:	Prof. Uttam B. Bhoite (Former VC, YCMOU & Bharati Vidyapeeth), Executive Director, Bharati Vidyapeeth, Pune, Maharashtra. Prof. K. Kunhikrishanan, Pro-Vice-Chancellor, Kannur University, Kannur. Prof. (Mrs) Mamata Satapathy, (Former Professor, Utkal University), Utkal.



	Prof. D N Sansanwal, Former Director & Dean, Institute of Education, Devi Ahilya University Prof. Javaid Akhter, Dean, F/o. Management Studies and Research, Chairman, Department of Business Administration, Aligarh Muslim University, Aligarh, UP.
NAAC Coordinator:	Dr. Sujata P Shanbhag , Assistant Adviser, NAAC

Section II: CRITERION WISE ANALYSIS	
2.1 Curricular Aspects:	
2.1.1 Curricular Design & Development:	• Curricula designed and developed tuned the regional and local needs. • Representation of experts in BOS in some subjects from industries. • Faculty takes initiative in updating curriculum
2.1.2 Academic Flexibility:	• The University offers 31 PG, 17 M.Phil, 36 Ph.D, 03 UG and a number of Diploma/Certificate courses including 15 self-financing programmes. • During post accreditation period university has introduced 08 PG, 03 five year integrated courses in Biotechnology, Chemistry and Law and some Diploma and a few Certificate courses. • The University has introduced semester system for all PG courses. University is yet to introduce Choice Based Credit System (CBCS).
2.1.3 Feedback on Curriculum:	• Feedback on course curricula from students, alumni and other stakeholders are obtained informally through interactions, meetings etc. • Formal feedback system needs to be systematized.
2.1.4 Curriculum Update:	• Curricula of both UG and PG programmes are revised and updated regularly with reference to the guidelines of UGC / AICTE and other national model curricula. • Efforts to incorporate the feedback received needs to be included in curriculum revision by the faculty.
2.1.5 Best Practices:	• Introduction of 21st Century Gurukulam to impart communication skill and IT to give exposure to rural students



2.2 Teaching-Learning and Evaluation:	
2.2.1 Admission Process and Student Profile:	• Transparent computerized admission procedure based on entrance examination for all PG Courses. • Current students profile reveals 25% SC/ST, 52.62% OBC, 55% rural and 33% Women among the students which is in accordance with reservation and social inclusion policy. • The Demand ratio across the disciplines is appreciable • National integration quota provided
2.2.2 Catering to Diverse Needs:	• Remedial coaching and pre-examination training conducted for SC/ST/OBC/Minority students through UGC sponsored coaching centre and the AP State Govt. sponsored Kakatiya Adhyayana Kendra • Bridge courses are offered in some departments.
2.2.3 Teaching-Learning Process:	• University provides academic calendar • Attempts to integrate ICT in teaching-learning are being made. • Concept of interactive learning is to be more systematically operationalised. • Almost all Departments have departmental libraries • Projects, field work and seminar are integrated into teaching
2.2.4 Teacher Quality:	• About 80% of the sanctioned teaching posts are filled. State Govt. has released 65 teaching posts. University has taken steps to fill up these posts. • About 90% of teachers are Ph.D and 8% are M.Phil degree holders. Majority of the teachers are computer literate. • Almost all teachers participated in national/international seminars conferences, workshops and many of them acted as Resource persons. • Some of the faculty members have received awards/recognition including State level Best Teacher Award • Innovative approach in teaching is not visible.
2.2.5 Evaluation Process and Reforms	• Examination system is computerized and results and marks are displayed on the university website with the facility of down loading the same with photo identity. • Internal Assessment system recently



	introduced. • Bar- coding-decoding system, photo scanned hall tickets on demand scheme for issue of degree / certificates, etc. have been introduced. • Grievance Redressal of examination related issues like providing photo copies of answer scripts may be introduced.
2.2.6 Best Practices in Teaching-Learning Evaluation	• Training of Trainers workshop under APSCHE for the college teachers introduced. • Issue of certificates based on urgency provided.
2.3 Research, Consultancy and Extension:	
2.3.1 Promotion of Research:	• Faculty is encouraged to apply for individual as well as coordinated research projects. • Central instrumentation facilities need to be further improved. • Adequate funds are provided to faculty to attend conferences, seminar and publication.
2.3.2 Research and Publication Output:	• Research Output of the past five years is visible. • Twelve DRS SAP Departments and Three DST FIST Departments • Over Rs. 4.20 crores funds received for major / minor projects. • During the post accreditation period 462 PhD have been awarded and 562 candidates have registered for Ph.D. • University brings out 07 research journals
2.3.3 Consultancy:	• Provides limited consultancy services to industries, Government and private agencies in the areas of pharmaceutical sciences, Govt. project evaluation, consumer surveys etc. • During the last five years revenue earned from consultancy is only of Rs.1.00 lakh mainly by Department of Pharmacy. • A Centre for Industry-Institute Partnership Programme to take up and boost the consultancy activities is yet to be set up.
2.3.4 Extension Activities:	• Extension activities are promoted through NSS units of the university. Received Indira Gandhi National award and four State level awards. • Distance education center provides opportunity for higher education to adult learners and also training of several skill imparting courses. • Community oriented outreach programmes



	need to be introduced.
2.3.5 Collaboration:	- Initiative for collaborative research needs to be taken up - University has signed MoUs with few agencies to promote industry-institute interface in recent times. - Consultancy cell to be established to monitor Collaborations
2.3.6 Best Practices in Research, Consultancy & Extension (if any):	University Research Fellowships from own funds provided to all PG Departments
2.4 Infrastructure and Learning Resources:	
2.4.1 Physical Facilities for Learning:	- The University's main campus (650 acres) has spacious buildings on a sprawling campus, accommodating well furnished classrooms, laboratories, seminar halls, and auditorium and conference rooms. - Sports facilities for indoor and outdoor games, play grounds, athletic track gymnasium, indoor stadium etc are available. - During post accreditation period, the University has constructed buildings for housing newly created departments, Sports complex, Laboratories, Examination section, etc. at a cost of about Rs.10 crores.
2.4.2 Maintenance of Infrastructure:	- The building division headed by the Development officer undertakes the repair and maintenance of the physical infrastructure. - Computer and other sophisticated equipments are maintained through AMC. - Repair works of some instruments are done by the staff of workshop and instrumentation centre. - Hostels buildings need to be repaired, renovated and further augmented
2.4.3 Library as Learning Resources:	- About 90,000 titles in the library and library remains open from 8.00 a.m. to 8.00 p.m. - Computerization of library services initiated and e-journals (INFLIBNET) made available. - Reprographic, internet, OPAC facilities available.
2.4.4 ICT as Learning Resources:	- Fairly large numbers of computers are available. - All departments are provided with LCD Projectors as teaching aid. - Internet facility is available in all the department - Faculty members are yet to develop meaningful interactive teaching-learning



	packages and specialized software for research.
2.4.5 Other Facilities:	- The University has Common mess and kitchen for about 1000 students, hostel for boys and girls, staff quarters for teaching and non-teaching staff, canteen, park, herbal garden, parking space, bank counter and yoga center. - The university has a health centre with ambulance and specialist services. - Protected and purified water is available in the campus. - Hostel facilities for boys and girls needs to be further strengthened.
2.4.6 Best Practices in the development of Infrastructure and Learning Resources (if any):	- Purified Water Processing Plant - ICT enabled teaching gadgets provided in all departments
2.5 Student Support and Progression:	
2.5.1 Student Progression	- Social composition of student community analysis in 2007-08 reveals that 70% Ph.D, 92% M.Phil, 57% Arts and Science students belong to SC/ST and OBC categories together. - About 30% of the UG students go for higher studies and 25% of the students of professional courses join foreign universities - The average pass percentage during last 5 years in UG examinations vary from 45 to 50% and in PG, 80 to 83%. The average dropout rate is about 2% at PG and 10% at UG levels. - Remedial teaching and supportive learning to be provided and dropout at UG to be studied.
2.5.2 Students Support:	- Financial assistance in the form of State merit, Prathibha, Backward class, SC/ST and minority scholarships, freeships, 213 research students have fellowships including 68 Rajiv Gandhi National Scholarships(for M.Phil and Ph.D. students). - SC / ST / minority Cell and students welfare center provide adequate support services to the students - The finishing school is designed to promote employability of the students. - The organization of placement cell need to be further structured.
2.5.3 Student Activities:	University supports and encourages the students to participate in University, State and National level sports and games events, cultural events and provides cash incentives



	amounting Rs.2000/- to Rs.5000/- to students excelling in sports and games. • The students of this University are specialized in gymnastics & weight lifting and have bagged prizes including national trophies • Students mentoring needs to be systematized.
2.5.4 Best Practices in Student Support and Progression (if any)	• Cash Incentives to sport students and coach • Active Departmental Alumni Associations in a few departments.
2.6 Governance and Leadership;	
2.6.1 Institutional Vision and Leadership:	• The progressive orientation of Vice-Chancellor provides dynamic leadership. • Vision and mission statements effect the objectives and goals of the university. • The University provides democratic and transparent style of administration.. • Management information system (MIS) and e-governance are yet to be implemented.
2.6.2 Organizational Arrangements:	• The statutory provision depicts the style of functioning of various authorities. • The developmental and academic needs of the affiliated colleges are to be addressed to. • Adequate and necessary facilities to the physically challenged students and faculty need to be provided.
2.6.3 Strategy Development and Deployment:	• Academic audit introduced for proper monitoring of activities of affiliated colleges. • An independent unit to monitor UGC and other external funding and also academic and financial support is provided to affiliated colleges through CDC. • Delegation of power and well defined role responsibilities need to be assigned.
2.6.4 Human Resource Management:	• Recruitment of teaching and non-teaching staff is done in accordance with the provision of AP State University act. Government reservation rules. • The university organizes professional development and skill up-gradation training programs for teaching and non-teaching staff. • Vacant teaching positions to be filled.
2.6.5 Financial Management and Resource Mobilization:	• Resource mobilization through UGC, State Govt, funding agencies, students' fees, self-financing programmes and distance education programmes. • University has received a donation of Rs. One crore from a NRI cardiologist for constructing an auditorium and Rs. 25 lakh from alumni for constructing Pharmacy department



	building. • Finance system is computerized. • Long term financial planning strategy is to be put in place.
2.6.6 Best Practices:	• Website is regularly updated. • Partial automation to monitor the major offices within the university
2.7 Innovative Practices:	
2.7.1 Internal Quality Assurance Systems:	• IQAC needs to be further strengthened • The academic audit introduced to monitor and promote quality measures. • Introduction of internal component in evaluation. • Opportunities for computer learning need to be further strengthened.
2.7.1 Inclusive Practices:	• Adequate representation of marginalized groups such as tribals, SC/STs and Women in the student and staff. Women studies center and Ambedkar Study Center cater to needs of these groups. • Facilities for differently abled persons are not available.
2.7.3 Stakeholder Relationship:	• Active alumni associations and substantial contribution in providing funds for infrastructure is visible. • Social perception of the University is positive • More systematic efforts are required to mobilize resources from alumni to implement development plans of the university.
Section III: OVERALL ANALYSIS	

3.1 Institutional Strengths:	• Visible endeavour to promote Higher Education by introducing wide range of courses in regular and distance education modes. • Main campus and satellite campuses have ample scope for development • Innovative managerial initiatives in creating new academic centres, Finishing Schools, Centre for English Language Training, etc. to enhance employability. • Motivated faculty and students provide adequate impetus to the growth.
3.2 Institutional Weakness:	• Absence of well defined long term developmental plan • Weak initiative in formulating new academic programmes in emerging areas and little



	efforts to restructure the curricula in the choice based credit mode. • Very limited academic linkage. • Meagre consultancy.
3.43 Institutional Challenges:	• Converting the present educational backwardness of the location into an opportunity for promoting higher education in appropriate and relevant areas • To attract and retain qualified faculty and mobilize funds in the face of competition arising out of creation of many world class national and central universities • Sustenance of multi-disciplinary collaborative research of national and international standard in emerging areas. • Prepare the students to cope up with the changing educational scenario and modern technology to face global competition.
3.4 Institutional Opportunities.	• Unique opportunity for developing green-eco-friendly campus through Private-Public-Partnership model and master plan development. • Scope for creation of more job opportunities through Finishing Schools and Industry-University Linkage. • Scope for programme diversification with new ICT enabled technologies. • Scope for developing more linkages with institutions and industries of national and international repute. • Scope for research in rural development,
Section IV: Recommendations for Quality Enhancement of the Institution	
• Introduction of choice based credit system at PG and at graduate levels to be taken on a top priority basis • Provide academic autonomy to the University departments and constituent colleges and persuade deserving affiliated colleges to be autonomous. • To streamline the professional educational programmes to be in tune with the guidelines of the regulatory bodies. • Introduce Management Information System for more effective governance. • To strengthen the computer facility by introducing Wi - Fi and bandwidth. • Students mentoring to be strengthened. • Distance Education to be streamlined by implementing DEC guidelines. • Women Empowerment schemes to be implemented. • Life skill development programme to be systematically introduced. • Introduce career oriented UG/PG courses in relevant areas. • Health insurance for students and staff may be introduced.	



- Centralized Placement Cell and Grievance Redressal Cell may be strengthened.
- Computer aided learning packages may be developed by the faculty members.
- Students may be further encouraged and provided proper coaching to participate in large numbers in inter-collegiate, inter university and national sports events and cultural activities
- Courses in foreign languages and communicative skills may be introduced.
- University may develop facilities for research in Alternative sources of energy.
- Efforts be made for Establishment of University and Industry linkage Centre.

I agree with the observations of the Peer Team as mentioned in this report.

Signature of the Head of the Institution

Seal of the Institution

**Signatures of the Peer Team Members:**

<i>Name and Designation</i>		<i>Signature</i>
Prof. S. K. Saidapur	Chairman	Sd/-
Prof. Uttam B. Bhoite	Member	Sd/-
Prof. K. Kunhikrishanan	Member	Sd/-
Prof.(Mrs.) Mamata Satapathy	Member	Sd/-
Prof. Javaid Akhter	Member	Sd/-
Prof. D.N. Sansanwal	Member	Sd/-

Place: Warangal, Andhra Pradesh

Date: 09th April 2009



VOLUME – II

**EVALUATIVE REPORT - BOTANY DEPARTMENT**

1. Name of the Department : BOTANY
2. Year of Establishment : 1968-1969
3. Is the Department part of a School/Faculty of the University : University
4. Names of programmes offered : M.Sc. (Botany), Ph.D. – (Regular)
M.Sc. (Botany), M.Phil. – (Distance Mode)
5. Interdisciplinary programmes and Departments involved : Nil
6. Courses in collaboration with other Universities, Industries, Foreign.: : Nil
Institutions, etc
7. Details of programmes discontinued, If any reasons : Nil
8. Examination System : Semester-Wise & CBCS
9. Participation of the Department in the Courses offered by other departments : Biotechnology and Microbiology
Number of Teaching posts
10. sanctioned,
Filled and actual : As shown in table below
Total Sanctioned Strength=21 (Prof.-02, Associate Prof.-06, Assistant Prof.-13)
Total filled Strength=11 (Prof.-06, Associate Prof.-Nil, Assistant Prof.-05)

Cadre	Total (M+F)	Male					Female				
		OC	BC	SC	ST	Total	OC	BC	SC	ST	Total
Professors	06	02	02	--	02	06	--	--	--	--	--
Associate Professors	-		--	--	--	--	--	--	--	--	--
Assistant Professors	03+02=05	02	01	--	--	03	--	02	--	--	02
TOTAL	11	04	03	--	02	09	--	02	--	--	02

Cadre	Sanctioned	Filled	Actual (incl. CAS & MPS)
Professors	02	06	4Professors under CAS
Associate Professors	06	--	-
Assistant Professors	13	05	-
TOTAL	21	11	-



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Sl. No.	Name	Qualifications	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for last 4 years
1.	Dr. B. Mallaiah	M.Sc., Ph.D	Professor	Cytology and Cytogenetics, & Plant Tissue Culture	Retd – 2010	Ph.D= 01
2.	Dr. K. Jagan Mohan Reddy	M.Sc., Ph.D	Professor	Plant Tissue Culture	Retd – 2013	Ph.D= 02 M.Phil= 01
3.	Dr. V.S. Raju	M.Sc., Ph.D	Professor	Plant Taxonomy & Ethnobotany	Retd – 2010	Ph.D= M.Phil=
4.	Dr. B. Digamber Rao	M.Sc., Ph.D.	Professor	Algal Biotechnology	25 years Retd – 2016	Ph.D= 08 M.Phil.= 02
5.	Dr. A. Ragan	M.Sc., Ph.D.	Professor	Plant Taxonomy, Ethnobotany & Biodiversity	22 years	Ph.D= 03 M.Phil.= Nil
6.	Dr. A. Seetaram Naik	M.Sc., Ph.D.	Professor	Plant Tissue Culture	13 years	Ph.D= 01 M.Phil.= Nil
7.	Dr. V. Krishna Reddy	M.Sc., Ph.D.	Asst. Prof.	Mycology, Microbiology & Plant Pathology	12 years	Ph.D= 03 M.Phil.= Nil
8.	Dr. M. Surekha	M.Sc., Ph.D.	Asst. Prof.	Mycology, Microbiology & Plant Pathology	12 years	Ph.D= 03 M.Phil= Nil
9.	Dr. B. Lalitha Kumari	M.Sc., Ph.D.	Asst. Prof.	Environmental Biology	12 years	Ph.D= Nil M.Phil= Nil
10.	Dr. T. Christopher	M.Sc., Ph.D.	Asst. Prof.	Plant Tissue Culture & Genetic Engineering	10 years	Ph.D= 06 M.Phil.= 01
11.	Dr. Md. Mustafa	M.Sc., Ph.D.	Asst. Prof.	Plant Tissue Culture & Molecular Taxonomy	10 years	Ph.D= 04 M.Phil.= 01

12. List of senior Visiting Fellows, Adjunct Faculty, Emeritus Professors:

International

- Prof. MGK. Jones, Australia – 2010, 2013 & 2015
- Prof. Peter Medgyesey, Hungary – 2013
- Prof. Susanne S. Renner, Germany – 2013
- Prof. Laszlo Szabados, Hungary – 2015

National

- Prof. A.R. Reddy, Former Vice-Chancellor, Yogi Vemana University, Kadapa
- Prof. G. Bagyanarayana, Vice-Chancellor, Palamuru University, Mahbubnagar
- Prof. S.P. Adikary, Vice-Chancellor, Fakir Mohan University, Odisha



- d) Prof. M.N.V. Prasad, University of Hyderabad, Hyderabad
- e) Prof. P.B. KaviKishor, Osmania University, Hyderabad
- f) Prof. C. Manoharachary, Emeritus Professor, Osmania University Hyderabad
- g) Dr. K.P. Srivasuki, Director General, CEFNARM, Hyderabad
- h) Prof. P.K. Chand, Uttkal University, Orissa
- i) Prof. M.V. Rajam, University of Delhi, New Delhi
- j) Prof. Srinath, Gulbarga University, Gulbarga
- k) Prof. ChinthaSudhakar, Sri Krishnadevaraya University, Anantapur
- l) Prof. B. Ravi Prasad, Sri Krishnadevaraya University, Anantapur
- m) Prof. M.K. Janardhanam, Goa University, Goa
- n) Prof. R. Rengaswamy, Madras University, Chennai
- o) Prof. R.V. Raju, Sri Krishnadevaraya University, Anantapur
- p) Prof. B.N. Reddy, Osmania University, Hyderabad
- q) Dr. P. Suprasanna, BARC, Bombay
- r) Prof. Y. Venkateshwarlu, Andhra University, Visakapatnam
- s) Dr. K.R.K. Reddy, Director, Sri Biotech, Hyderabad

13. Percentage of classes taken by temporary faculty – programme-wise information: 20%

14. Programme-wise Student Teacher Ratio: M.Sc.=1:7 and Ph.D.=1:6

15. Number of academic support staff (technical) and administrative staff: Sanctioned, Filled and Actual: Non teaching (technical) =04 and Administrative=03 (teaching)

16. Research thrust areas as recognized by major funding agencies:

Microbial Biotechnology, Biological Invasions, Ethnobotany, Molecular Taxonomy, Fungal Metabolites, Plant Tissue Culture and Plant Biotechnology

17. Number of faculty with ongoing projects from

- a) National: UGC, IIRS
- b) International funding agencies, and: Nil
- c) Total grants received: Rs.63,44,200/-

Give the names of the funding agencies, project title and grants received project-wise.

Name of the Investigator	Title of the Project	Duration	Funding Agency
Prof. V.S. Raju	The pattern and process of alien plant invasions into the natural ecosystems of Telangana region, Andhra Pradesh: A study towards native biodiversity conservation. Rs.13,52,800/-	03 years (2009-2012)	IIRS (MRP)
Prof. B. Digamber Rao	Antifungal and antibacterial activity of paddy fields nitrogen fixing cyanobacteria Rs.4,76,800/-	03 years (2009-2012)	UGC (MRP)
Prof. A. Seetaram Naik	Selection of elite biotypes of Terminaliaspecies through PCR Markers	03 years (2011-2014)	UGC (MRP)



	and their conservation through in-vitro propagation Rs.7,09,800/-		
Dr. V. Krishna Reddy	Studies on incidence and management of mycotoxins in poultry feeds of Warangal Dist. Rs.10,22,000/-	3 years (2009-2012)	UGC (MRP)
Dr. M. Surekha	Investigations on the incidence and characterization of mycotoxigenic fungi and mycotoxins on paddy and their management Rs.7,86,800/-	2008 to 2011	UGC (MRP)
Dr. T. Christopher	DNA profiling of Chilli peppers (Capsicum annum) using RAPD-PCR Markers Rs.11,29,000/-	3 years (2009-2012)	UGC (MRP)
Dr. MD. Mustafa	Molecular Marker based Sex determination in Momordica dioica and in-vitro propagation of female plants Rs.8,67,000/-	3 Years (2009-2012)	UGC (MRP)

18. Inter-institutional collaborative projects and associated grants received:

- a. National collaboration: Nil
- b. International collaboration:
 - Centre for Rhizobium Studies School Biological Sciences & Biotechnology, Murdoch University, Perth, Australia
 - Embrapa Agrobiologia, Riodejaneiro, Brazil
 - Biochemistry & Genomic Unit, Montevideo, Uruguay
 - LMU Munich, Germany

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DBT, ICSSR, AICTE, etc. Total grants received:

- a. UGC-SAP-DRS-II –Rs.74,10,000/-
- b. UGC-SAP-DRS-III –Rs.1,07,00,000/-
- c. DST-FIST – Rs.70,00,000/-
- d. BSR Fellowships –
- e. UGC-Special Grant for Research – Rs.1,26,000/-
- f. UGC-Special Grant for Books – Rs.1,40,000/-

20. Research facility/Centre with:

- ☐ State recognition: Nil
- ☐ National recognition: Nil
- ☐ International recognition: Nil

21. Special research laboratories sponsored by/created by industry or corporate bodies: Nil

22. Publications:

Name of the Teacher	Title of the Books / Article	Details of Publication
Prof B. Mallaiah	1) Taxonomy of Magnoliophyta, Economic Botany and Ethnobotany	SDLCE, Kakatiya University (2009)
Prof. B. Digamber Rao	1) A Text Book of Botany (Telugu)	2009
	2) A Text Book of B.Sc. Botany	2009
	3) A Text Book of M.Sc. Botany (Biology &	Dr. B.R. Ambedkar Open



	Diversity of Algae, Bryophyta & Pteridophyta)	University, Hyd. (2009)
	4) A Text Book of M.Sc. Botany Previous (Phycology, Mycology & Microbiology)	SDLCE, Kakatiya University (2009)
Dr. V. Krishna Reddy	1) A Textbook of Botany	Victory Publishers, Vijayawada, AP (2009)
Dr. V. Krishna Reddy	2) Mycotoxins – Problem and its Management	Scientific Publishers, Jodhpur, Rajasthan (2010)
	3) Ecofriendly management of Mycotoxigenic Fungi and Mycotoxin contamination in sustainable crop disease management using natural products	CABI International Pubs, Oxfordshire, UK (2015)
	4) Biodiversity, Traditional Knowledge and intellectual property Rights	Scientific Publishers, Jodhpur, Rajasthan (2016)
Dr. M. Surekha	1) Sustainable crop Disease Management Using Natural Products	CABI International Pubs, Oxfordshire, UK (2015)
	2) Bio diversity Traditional Knowledge Intellectual Property Rights	Scientific Publishers, Jodhpur, Rajasthan (2016)
	3) Encyclopedia of Food Microbiology	Elsiever Publishers, Amsterdam (2014)
Dr. T. Christopher	1) B.Sc. First Year Biotechnology	Telugu Akademi, Hyderabad (2009)
	2) B.Sc. Second Year Biotechnology	Telugu Akademi, Hyderabad (2009)
	3) Plant Molecular Biology and Biotechnology – Theory and Practicals	Dr.B.R. Ambedkar Open University, Hyd (2009)
Dr. Md. Mustafa	1) Taxonomy of Magnoliophyta, Economic Botany and Ethnobotany	SDLCE, Kakatiya University (2009)
	2) Practical Manual of Botany for B.Sc. Paper-II	University Arts & Science College (2009)

Name of the Faculty	Number of papers published in peer reviewed journals (national / International)	Mono - graphs	Chapters in Books	Edited Books	Books with ISBN with details of Publishers	Number listed in International Database	Citation Index
Prof. B. Mallaiah	06	Nil	Nil	Nil	Nil	Yes	SCI
Prof. V.S. Raju	09	Nil	Nil	Nil	Nil	Yes	H-Index 10-Index
Prof. K. Jagan Mohan	04	Nil	Nil	Nil	Nil	Yes	SCI



Reddy							
Prof. B. Digamber Rao	13	Nil	04	Nil	Nil	Yes	SCI
Prof. A. Ragan	12	Nil	Nil	Nil	Nil	Yes	SCI, Scopus, H-Index
Prof. A. Seetaram Naik	02	Nil	Nil	Nil	Nil	Yes	SCI
Dr. V. Krishna Reddy	19	Nil	02	01	01	Yes	SCI, Scopus, H-Index
Dr. M. Surekha	20	Nil	02	Nil	01	Yes	SCI, Scopus, H-Index
Dr. T.Christopher	12	Nil	02	Nil	Nil	Yes	SCI, Scopus, H-Index I.F-4.86 (Cumulative of 3 papers)
Dr. Md. Mustafa	06	Nil	02	Nil	Nil	Yes	SCI, Scopus, H-Index

23. Details of patents and income generated :Nil

24. Areas of consultancy and income generated : Nil

25. Faculty selected nationally/internationally to visit other laboratories /institutions/ industries in India and abroad

Sl. No.	Name of the Faculty	Laboratory Visited	Country	Year	Research work conducted
1	Prof. K. Jagan Mohan Reddy	SABC, Perth	Australia	2010	Plant-Nematode Interaction
2	Prof. B. Digamber Rao	BCE, Montevideo	Uruguay	2012	Alpha particles in Rhizobium
3	Dr. T. Christopher	LMU, Munich	Germany	2011	Chromosome evolution in Luffa sp.

26. Faculty serving in

Sl. No.	Name of the Faculty	Serving in			
		National Committees	International Committees	Editorial Boards	Any Other
1	Dr. K. Jagan Mohan Reddy			1. Physiology & Molecular Biology of Plants 2. The Botanique	-



				3. Advances in Plant Science 4. Indian Journal of Fundamental and Applied Life Science 5. Journal of Plant Cell Biotechnology and Molecular Biology	
2	Dr. V.S. Raju			1. Rheedea 2. Journal of Plant Studies 3. Journal of Theoretical and Experimental Biology	-
3	Dr. B. Digamber Rao			1. Phykos, 2. Phycological Society of India 3. Rheedea 4. Bangladesh Journal of Plant Taxonomy 5. Journal of Plant Studies 6. Journal of Threatened Taxa 7. Journal of Indian Hydrobiology	-
4	Dr. Md. Mustafa			1. Biolife	-

27. Faculty recharging strategies (UGC, ASC, Refresher/Orientation programs, Workshops, Training Programs and Similar Programs)

Sl. No	Name of the Faculty	Orientation Programme	Refresher Course	Workshop	Training Program
1.	Dr. V.Krishna Reddy	1) ASC, Osmania University, Hyd 14-10-2009 to 11-11-2009	1) ASC, Osmania University, Hyd 04-09-2012 to 29-09-2012	1) Two-Dayworkshop on advanced techniques in plant science for PG College, Teachers 12-12-2011 to 13-12-2011	1) Training Programme to PG Teachers, by Kakatiya Univ & APSCH, 25/4/2012 to 1/5/2012
2.	Dr. M. Surekha	1) ASC, Osmania University, Hyd 20-04-2009 to 15-05-2009	1) ASC, Osmania University, Hyd 05-08-2013 to 28-08-2013	1) One-day Workshop on SPSS 22 Application, Deptt of Computer Science, KU, 5/7/2014 2) Capacity Building of Women Mangers in Higher Education, by	1) Teacher Empowerment-IT Champion Training Programme, by HRD & Microsoft, Kakatiya University, 1-4-2014 to 10-4-2014 2) Training Programme to PG Teachers,



				UGC, Kakatiya University 19-10-2010 to 23-10-2010 3) Two-Day workshop on advanced techniques in plant science for PG College, Teachers 12-12-2011 to 13-12-2011	by Kakatiya University & APSCHE, 25/4/2012 to 1/5/2012
3.	Dr. T.Christopher	1) ASC, Osmania University, Hyd 20-04-2009 to 15-05-2009	1) ASC, University of Hyderabad 09-12-2011 to 29-12-2011 2) ASC, University of Hyderabad 09-11-2015 to 20-11-2015	1) Two-Day workshop on advanced techniques in plant science for PG College, Teachers 12-12-2011 to 13-12-2011	1) Training Programme to PG Teachers, by Kakatiya University & APSCHE, 25/4/2012 to 1/5/2012
4.	Dr. Md. Mustafa	1) ASC, Osmania University Hyderabad 20-04-2009 to 15-05-2009	1) ASC, University of Hyderabad 09-12-2011 to 29-12-2011 2) ASC, Osmania University Hyderabad 14-12-2014 to 28-12-2014	1) One-day Workshop on SPSS 22 Application, Deptt of Computer Science ,KU, 5/7/2014 2) Two-Day workshop on advanced techniques in plant science for PG College, Teachers 12-12-2011 to 13-12-2011	1) Teacher Empowerment- IT Champion Training Programme, by HRD & Microsoft, Kakatiya Univ, 1-4-2014 to 10-4-2014 2) Training Programme to PG Teachers, by Kakatiya Univ& APSCHE, 25/4/2012 to 1/5/2012

28. Students Projects

- ☐ Percentage of students who have done in-house projects including inter-departmental projects----: Nil
- ☐ Percentage of students doing projects in collaboration with other universities/industry/institute: Nil



29. Awards/Recognitions received at the national and international level by

☐ Faculty

Name of the Teacher	Award/Honour
Prof. K. Jagan Mohan Reddy	Prof. Visvambarpuri Medal (National)
Prof. B. Digamber Rao	TWAS AWARD; ITALY; 2012 (International)
	Best Teacher Award-2014 by Govt. of Telangana (National)
Prof. A. Seetaram Naik	Mata Savitribai Phule Seva Puraskar Award-2013 (National)

☐ Doctoral/Post-doctoral fellows: Nil

☐ Students: Nil

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:

Name of the Seminar/ Conference/Work-shop	Date	No. of papers presented	No. of participants		Source of funding
			KU	Other Institutions	
Plants & People	29 th – 30 th March, 2011	68	30	38	UGC, New Delhi
Plant Sciences in Human Welfare	29 th – 30 th March, 20 12	70	25	45	UGC, New Delhi
Emerging Research Trends in Plant Sciences in 21 st Century	12 th – 13 th Feb, 2015	81	31	50	UGC, New Delhi & SERB (DST), New Delhi
Plant Diversity-Challenges in Conservation and Sustainable utilization	4 th – 6 th Feb, 2016	78	37	41	UGC, New Delhi & SERB (DST), New Delhi; TSCHE, Hyderabad

31. Code of ethics for research followed by the departments :

- a) To conduct elegant experiments for improvement of economically useful plants.
- b) To publish papers / reports in refereed/peer-reviewed journals.
- c) To promote intra and inter-departmental collaborations.
- d) To seek membership in academic bodies and societies.

32. Student profile programme-wise:

Name of the Programme (referto question no.4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc.	280	07	33	100	100
Ph.D.	195	98	97	85	90



33. Diversity of students

Name of the programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc.	100	Nil	Nil	Nil
PhD	90	Nil	Nil	Nil

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

NET=15, SET=22, GATE = Nil

35. Student progression

Student Progression	Percentage against enrolled
UG to PG	65%
PG to M.Phil.	15%
PG to Ph.D.	60%
Ph.D. to Post-Doctoral	30%
Employed	
☐ Campus selection	Nil
☐ Other than campus recruitment	30%
Entrepreneurs	Nil

36. Diversity of Staff

Percentage of faculty who are graduates

Of the same university	80%
From other universities within the State	20%
From universities from other States from	Nil
Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc., and D.Litt. during the assessment period: Nil

38. Present details of departmental infrastructural facilities with regard to

a) Library	: Has a total of 2181 books i.e., textbooks, reference books, encyclopedia, etc.
b) Internet facilities for staff and students	: Staff-10 PCs & Students-15PCs with internet Connectivity
c) Total number of class rooms	: 04
d) Class rooms with ICT facility	: 04
e) Students' laboratories	: 02
f) Research laboratories	: 07
g) Conference Hall	: 01 (with 150 seating capacity)
h) Girl Students Writing Hall	: 01



39. List of Doctoral, Post-doctoral students and Research Associates

a) From the host institution/University

Doctoral Students

- 1) T. Srilatha (2009)
- 2) N. Sreeramulu (2009)
- 3) B. Raju (2009)
- 4) A. Komuraiah (2009)
- 5) A. Sandhya Rani (2009)
- 6) A. Srinivas (2009)
- 7) D. Srinivas (2010)
- 8) O. Padmaja (2010)
- 9) V. Madhu (2010)
- 10) E. Narasimha Murthy (2010)
- 11) Y. Rajesh (2011)
- 12) K. Omkar (2011)
- 13) M. Ghan Singh (2011)
- 14) G. Valya (2011)
- 15) Upender Mahesh (2011)
- 16) K. Rani (2011)
- 17) K. Madhusudhan (2011)
- 18) D. Ujjwala (2012)
- 19) T. Radhika (2012)
- 20) S. Avinash Kumar (2012)
- 21) M.A. Imran (2012)
- 22) Devaraju Srinivas (2012)
- 23) B. Sujatha (2012)
- 24) K. Rajender (2013)
- 25) P. Srinivas (2013)
- 26) R. Gulab Khan (2013)
- 27) Sateesh Suthari (2013)
- 28) Saini Kiran (2013)
- 29) T. Samatha (2013)
- 30) T. Narsimha Swamy (2013)
- 31) D.S. Ravindra Naik (2014)
- 32) V. Sadguna (2014)
- 33) B. Prasad (2014)
- 34) T. Radha (2014)
- 35) S. Raju (2014)
- 36) T. Malathi (2014)
- 37) M. Naresh (2015)
- 38) Ch. Ravi (2015)
- 39) D. Snehalatha (2015)
- 40) M. Ramesh (2015)
- 41) N. Ellaswamy (2015)
- 42) Deep Singh (2015)
- 43) S. Kalyani (2016)

Post-Doctoral Students

- 1) Dr. Y. Yashodhara (2011)
- 2) Dr. K. Rajender (2013)
- 3) Dr. T. Samatha (2013)

Research Associates– Nil



b) From other institutions/universities: Nil

40. Number of post graduate students getting financial assistance from the university. – Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: Applications for starting of two new programmes are under active consideration.

- 1) BUILDER Program of Dept. of Biotechnology, New Delhi (Rs.5.0 crores)
– This is an inter-departmental research program.
- 2) Atal Incubation Centre (AIC), Govt. of India (Rs.5.0 Crores)
– Fresh M.Sc. students will be trained before entering industry and also promote entrepreneurship development.

42. Does the department obtain feedback from

- a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? - Yes-
 - 1) To update the syllabus
 - 2) To introduce CBCS pattern of examination
 - 3) To conduct classes and seminars for Ph.D. students
- b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? - Yes -
 - 1) To conduct extensive practical training (Hands-On-Experience) in labs
 - 2) To undertake field visits, botanical tours, industrial tours etc.
 - 3) To conduct seminars on topics related to their syllabus
 - 4) To expose the students to the research work conducted in faculty research laboratories
 - 5) To conduct orientation classes for CSIR/UGC-JRF examinations
- c) Alumni and employers on the programmes offered and how does the department utilize the feedback? Nil

43. List the distinguished alumni of the department (maximum 10):

Sl. No.	Name of the Allumni	Working Department
01	Prof. G. Narsaiah	USA
02	Prof. Sathyanarayana Reddy	USA
03	Prof. Srinath Rao	Gulbarga University, Karnataka
04	Prof. M.V. Rajam	Delhi University, New Delhi
05	Dr. P. Laxminarayana IAS	District Collector
06	Dr. GVS. Murthy	Joint Director Botanical Survey in India
07	Dr. P.S. Rao IFS	Chief Conservator
08	Dr. Raghuram Singh IFS	Chief Conservator
09	Dr. N. Devadas	Deputy Superintendent of Police



10	Dr. Bhagawan Reddy	Commissioner, Excise Dept.
11	Dr. N. Narsa Reddy	Deputy Secretary
12	Prof. A. Seetarama Naik	Hon'ble Member of Parliament (MP) Mah'bad

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts:
Prof. Laszlo Zabdos, Hungary – Extension lecture on molecular basis of stress tolerance
45. List the teaching methods adopted by the faculty for different programmes.
PPT, OHP, INTERNET, etc., UG, PG – BB, PPT slides OHP
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- Through feedback from the outgoing students.
 - By organizing monthly workshops/interaction sessions
 - By conducting seminars and Internal Assessments to the students.
47. Highlight the participation of students and faculty in extension activities.
Field Trips to Forests, Ethnobotanical tour to interact with the local native tribes, Industrial Tours, Botanical Tours, NSS Activities.
48. Give details of “beyond syllabus scholarly activities” of the department.
- The faculty visits the science fairs in district level and regional level as judges.
 - The faculty deliver extension lectures in various PG colleges and Research Institutions.
 - The faculty members are involved in adjudication of M.Phil. & Ph.D., in various universities.
 - Senior Faculty Members visit various Universities as external expert to select Professors, Associate Prof, Asst. Professors.
 - By writing Textbooks and Book chapters.
49. State whether the programme/department is accredited/graded by other agencies? If yes
Give details: Yes, UGC –SAP-DRS Level –III & FIST – DST Level-II
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- Shouldered the responsibility of establishing two departments -Microbiology and Biotechnology.
 - Has expertise to authenticate new plant taxa from local areas
 - Established “Azolla” demonstration units to supply stock cultures for the farmers.
 - Maintain medicinal plants in the department research fields
51. Detail five major Strengths, Weakness, Opportunities and Challenges (SWOC) of the Dept.
- A) Strengths
- Developed adequate expertise to conduct research in basic and applied branches of botany.



2. Developed technical skills for identification of the new plant taxa from local areas
3. Developed skills to collect and nitrogen fixing cyanobacteria from local paddy fields.
4. Developed skills to isolate mycotoxins from foods and feeds and endophytic fungi from medicinal plants
5. Developed skills to identify, collect and preserve ethno-medicinal plants from Northern Telangana region
6. Developed skills for in-vitro micro-propagation of some endangered medicinal plants and in vitro conservation of medicinal cucurbit biotypes

B) Weakness:

1. Inadequate number of teaching and non-teaching staff
2. Meager or negligible funding for undertaking research in individual labs

C) Opportunities.

1. Impart skills to students to handle bioinformatics subjects
2. To develop intra and inter university collaboration in research
3. To maintain medicinal garden with rare and endangered plants
4. To allow teaching faculty and PDF from other countries to work (6 months) in our research laboratories

D) Challenges:

1. Developing Communication Skills among students
2. Preparing the students to undertake quality research
3. Making the students to face the selection process with confidence for employment.

52. Future plans of the department

1. To start M.Sc. (Forestry) course
2. To start integrated Ph.D. programme
3. To organize international conference
4. To strive for UGC sponsored Centre for Advanced Studies (CAS)
5. To adopt a village for development of agro-forestry and organic farming



EVALUATIVE REPORT - BIOTECHNOLOGY

1. Name of the Department : Biotechnology
2. Year of establishment : 2004
3. Is the Department part of a School/Faculty of the university? : Faculty of Science
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
 - M.Sc.Biotechnology Programme
 - 5 Year Integrated M.Sc.Biotechnology Programme
 - PhD Programme
5. Interdisciplinary programmes and departments involved
Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
Nil
7. Details of programmes discontinued, if any, with reasons
Nil
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
Semester system
9. Participation of the department in the courses offered by other departments
Nil
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	Nil	Nil	
Associate Professors	Nil	Nil	
Asst. Professors	05	05	
Others			04

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D students guided for the last 4 years
Prof. A. Sadanandam Retd. Jan 2016 & Working as UGC	M.Sc. PhD	Professor	Molecular Biology Plant tissue culture Plant Biotechnology. Plastid Transformation	35	11



BSR Fellow					
Prof. N. Ramaswamy Retd Feb 2016	M.Sc.PhD	Professor	Molecular Biology Plant tissue culture Genetic Engineering	32	09
Dr. A.V.Rao	M.Sc.PhD	Asst. Professor	Plant Tissue Culture Genetic Engineering Molecular Biology	16	01
Dr.P.Srinivas	M.Sc.PhD	Asst. Professor	Microbial Biotechnology AM Fungi Microbial biodiversity	12	Nil
Dr.T.Shastree	M.Sc.PhD	Asst. Professor	Plant Tissue Culture Genetic Engineering	06	Nil
Dr.S.Madhavi	M.Sc.PhD	Asst. Professor	Plant Tissue Culture	27	Nil
Dr.T.Radhika	M.Sc, Mphil, PhD	Contractual Lecturer	Pharmaceutical Biotechnology	05	Nil
Dr.P.Mahendar	M.Sc, MPhil, PhD	Part time Lecturer	Cancer biology	06	Nil
Dr.K.Srikanth	M.Sc.PhD	Part time Lecturer	Plant Biotechnology	04	Nil
Dr.R.Shyamsundara Chary	M.Sc.PhD	Part time Lecturer	Plant tissue Culture	03	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Prof.VS. Raju, Rtd. Professor of Dept of Botany
Prof.Raghuramulu,Rtd. Professor of Dept of Zoology

13. Percentage of classes taken by temporary faculty – programme-wise information

- M.Sc.BiotechnologyProgramme: 10%
- 5 Year Integrated M.Sc.Biotechnology Programme: 100%
- PhD Programme: Nil

14. Programme-wise Student Teacher Ratio

Ratio of teachers to PG students	1:23
Ratio of teacher to Research scholars	1:5



15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

Academic Support Staff	Sanctioned	Filled	Actual
Administrative staff	Nil	Nil	Nil
Technical Staff	01	01	01

16. Research thrust areas as recognized by major funding agencies

- Bio control of plant parasitic nematodes
- Gene expression studies in nematode induced feeding cells
- Plant tissue culture and Genetic transformation
- Bioinformatics
- Molecular cloning and signal transduction of abiotic stress tolerant genes
- Identification and conservation of endangered trees, medicinal plants and their improvement
- Identification of medicinal plants with anti-cancer, anti-diabetic and anti-HIV properties.
- Development of transgenic plants for biotic and abiotic stress.
- Crop improvement through transplastome technology.
- Molecular characterization of mycorrhizae
- Cancer biology & Telomerase and nanoparticles in early detection and inhibition of cancer.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Number of ongoing projects and their total outlay (Rupees in lakhs): Number-05;
total outlay -163.46 Lakhs

- Prof.A.Sadanandam-2012-2015“Genetic transformation of Turmeric (*Curcuma longa* L.) with AtNPR1 gene and evaluation of transgenic plants for broad-spectrum disease resistance DST, New Delhi ,Co-Principal Investigator (42.00 Lakhs)
- Prof.A.Sadanandam-2014-2017“Genetic Engineering for male sterility by the expression of cysteine protease (CP) gene in chilli pepper (*Capsicum annum*).DBT, New Delhi,Principal Investigator (42.64 Lakhs). NO. BT/PR7174/PBD/16/1020/2013
- Prof.N.Rama Swamy-2015-2017Genetic engineering for developing fungal resistance in Groundnut. UGC, New Delhi, (10.59 Lakhs)
- Dr. P. Srinivas-2015-2018“Biodiversity of AM Fungi of forest of North telangana and its exploitation in revegetation of disturbed coal mine spoils and overburdens” DBT-MRP, New Delhi, Principal investigator (34.53 Lakhs). BT/PR7539/BCE/8/950/2012.
- Dr. P. Srinivas-2016-2020“Identification of Arbuscularmycorrhizal fungi (GLOMUS) using Taxon specific oligonucleotide primers.”DST-SERB, Principal investigator(33.70 Lakhs)No. SB/ENEQ-311/2014,dt.16/02/2016.

Research projects completed during last five years and their total outlay:
Number-09; total outlay -152.18 Lakhs



- Prof.A.Sadanandam-2009-2012 Developing plastid transformation system for expression of mustard annexin gene in tomato for engineering abiotic stress tolerance UGC, New Delhi Principal Investigator (Out lay10.79 lakhs)
- Prof.A.Sadanandam-2010-2013 Developing plastid transformation system for expression of defensin gene in Capsicum annum, DST, New Delhi (52.lakhs)
- Dr.A.V.Rao-2011-2014 Genetic Engineering for Anthracnose disease resistance in Chilli Pepper using Defensin gene (TvD1) UGC, New Delhi (Out lay10.16 lakhs)
- Prof.A.Sadanandam -2011-2012 UGC One Time Grant (Out lay 7.0 lakhs)
- Prof.N.Rama Swamy-2007-2010:Development of Protocols for conservation and RAPD analysis of an endangered forest tree species WrightiatintoriaUniversity Grants Commission, New Delhi. (10.00 lakhs)
- Prof.N.RamaSwamy- 2011-2014: Molecular characterization of tassars silkworm, Antheraea myliia, Department of Biotechnology, New Delhi. (29.33 lakhs) Co-Investigator
- Dr.P.Srinivas-2011-2014 “Mass production, Evaluation and Commercialization of Bioinoculants for Agroforestry Nurseries” UGC- MRP (Out lay10.01 lakhs)
- Dr.T.Christopher-2010-2013-DNA profiling of Chilli pepper (C.annuum) using RAPD-PCR (10.00 lakhs)
- Dr.T.Shasthree-2012-2015 Micropropagation and genetic transformation through Agrobacterium rhizogenus for production of potential alkaloids in Citrulluscolosynthis by UGC (12, 08,)

18. Inter-institutional collaborative projects and associated grants received : Nil

- a) National collaboration b) International collaboration

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- **BIOINFORMATICS INFRASTRUCTURE FACILITY (BIF):**The Department of Biotechnology (DBT), Ministry of Science and Technology, Govt. of India, New Delhi has sanctioned (Rs. 43.0 Lakhs) to develop Bioinformatics Infrastructure Facility (BIF) for promotion of Biology teaching through Bioinformatics (BTBI) to Kakatiya University, Warangal, AP under the Biotechnology Information System Network (BTISnet) Programme. We have created a separate lab in the building of Biotechnology, Kakatiya University. Complete equipment hardware and software is procured and BSNL Broad Band connectivity is obtained. The facility is being utilized by the Faculty, Research Scholars and Students of Biology departments.
- **SAP-DRS PROGRAMME**Phase I: University Grants Commission (UGC), New Delhi has sanctioned Rs.32.50 lakhs under SAP-DRS scheme for promotion of infrastructural facilities and Research in the department.
- UGC has also sanctioned Rs. 20.0 lakhs for strengthening of infrastructure in terms of power supply, water supply, fire safety equipments, laboratory working tables etc, under SAP-DRS recognized department.



- UGC-BSR Fellowships: UGC, New Delhi has sanctioned 5 Research Fellowships for the promotion of Basic Scientific Research
- UGC, New Delhi has sanctioned Rs. 5.0 lakhs for Promotion of Research at undergraduate level
- FIST Fund For Improvement Of S&T Infrastructure In Universities And Other Higher Educational Institutions (FIST) :Rs. 53.0 Lakhs
- SAP-DRS PROGRAMME Phase II: University Grants Commission (UGC), New Delhi has sanctioned Rs. 71.25 lakhs under SAP-DRS scheme for promotion of infrastructural facilities and Research in the department.

20. Research facility / centre with

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies : NIL

22. Publications:

- * Number of papers published in peer reviewed journals (national / international):
Total 123 papers, List is enclosed as Annexure-I
- * Monographs NIL
- * Chapters in

Books:

1. Plant Tissue Culture: Totipotency to Transgenic –Chapter 17 Agrobacterium tumefaciens mediated genetic transformation
2. Plant Tissue Culture: Totipotency to Transgenic –Chapter 19 Plastid transformation in higher plants
3. **Microbial diversity, Exploration & Bioprospecting: Chapter 14**

Edited Books

- * Books with ISBN with details of publishers :
 1. Cell Biology, Genetics, Bio Statistics & Ecology for M.Sc Botany of Dr.B.R. Ambedkar Open University, Hyderabad 2009.
 2. Biotechnology Course – III (B.Sc. Biotechnology). Telugu Academy. Hyderabad. 2010.
 3. Plant Biotechnology for M. Sc Botany of Dr. B. R. Ombedkar Open University, Hyderabad. 2010.
 4. Anthropology (Cell Biology & Genetics) for competitive Exams, Telugu Academy, Hyd, 2011.
 5. Anthropology- I: Human Genetics- for UPSC and Other competitive examinations, Telugu Akademy, Hyd. 2011.
 6. Anthropology- II: Evolutionary Genetics- for UPSC and Other competitive examinations, Telugu Akademy, Hyd. 2011.



7. Anthropology- III: Human Evolution - for UPSC and Other competitive examinations, Telugu Akademy, Hyd. 2011.
 8. Intermediate I year Text Book, Telugu Akademy, 2012.
 9. B.Sc. III year – Applications of Biotechnology- Paper –IV, Telugu Akademy, 2012.
 10. Common core Syllabus for Intermediate- Iyear Botany -2012.
 11. Common core Syllabus for Intermediate IIyear Botany -2013.
 - * Humber listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Citation Index – range / average
 - * SNIP
 - * SJR
 - * Impact Factor – range / average
 - * h-index
 - IF From 0- 3.84
23. Details of patents and income generated : NIL
24. Areas of consultancy and income generated ;NIL
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad
- i) Dr.P.Srinivas, working as Raman Post-doctoral fellow at USDA, Beltsville, Maryland, USA
 - ii) Dr.T.Shasthree, working as Raman Post-doctoral fellow at Mississippi State University, Mississippi, USA.
26. Faculty serving in
- a) National committees b) International committees c) Editorial Boards d) any other (please specify)
- Prof.A.Sadanandam
- Fellow Max-Planck Society, Germany.
 - Fellow, Botanical Society of India.
 - Fellow, New York Academy of Sciences, USA.
 - Member American Association for the Advancement of Science (AAAS).
 - Fellow, International Association of Plant Tissue Culture.
 - Fellow of Bangladesh Association of Plant Tissue Culture.
 - Visiting fellow of Murdoch University
 - External Member, Board of Studies, Botany, nominated by Academic Council, Osmania University, Hyderabad
 - Chairperson, Board of Studies, Biotechnology, nominated by Academic Council, Kakatiya University, Warangal
 - Programme Coordinator, SAP-UGC (2004 - 2009) nominated by the Expert Committee UGC-New Delhi.
 - Programme Coordinator, BIF-DBT New Delhi



- Member Academic senate, Kakatiya University
- External Member, Board of Studies, Biotechnology, nominated by Academic Council, Andhra University, Visakhapatnam
- External Member, Board of Studies, Pharmaceutical Chemistry, nominated by Academic Council, Shatavahana University, Karimnagar
- Governor nominee for selections at Telangana University, Nizamabad.
- Governor nominee for selections at Nagarjuna University, Guntur.
- Member on the Institutional Bio-safety Committee, Appointed by Ministry of Science and Technology, DBT, Govt. of India).

Prof.N.RamaSwamy

- Fellow of Indian Botanical society.
- Fellow of Genetics and Plant Breeding.
- Fellow of Academy of Plant Sciences.
- Fellow of International Association of Plant Molecular Biology.
- Fellow of Indian Science Congress Association.
- Fellow of International Association of Plant Biotechnology.
- Fellow of Linnaean Society of London, UK
- Nominated as Member on the Board of Studies in Human Nutrition and Nutracuetical Chemistry, DuvvuruRamanammaWomens College, Gudur (AP) from 7-4-2012 to 6-4-2014.
- External Member on the Board of Studies in Botany, Microbiology and Biotech (2012-2014) Satavahana University, Karimnagar, AP.
- Editor, Advances in Plant Sciences.
- Editor, International Journal of Plant Science.
- Advisory Board member of Biozone, International Journal of Life Science
- International Journal of Genetics and Molecular Biology.
- International Journal of Environment.
- Journal of Plant cell and tissue research.
- Nominated as Honorary Advisor for TWAS-UNESCO Research Grants, Italy.

Dr.A.V.Rao

- External Member, Board of Studies, Biotechnology, nominated by Academic Council, Osmania University
- External Member, Board of Studies, Biotechnology, nominated by Academic Council, Telangana University

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
 - Dr.A.V.Rao-Attended UGC Sponsored Orientation Course Organized by Osmania University Academic Staff College, Hyderabad from 28-09-2012 to 31-10-2012 and obtained 'A' grade.
 - Dr.A.V.Rao-Attended UGC Sponsored Refresher Course in Life Sciences Organized by Osmania University Academic Staff College, Hyderabad from 05-08-2013 to 28-08-2013 and obtained 'A' grade.



- Dr.T.Shasthree-Attended UGC Sponsored Orientation Course Organized by Osmania University Academic Staff College, Hyderabad from 28-09-2012 to 31-10-2012 and obtained 'A' grade.
- Dr.T.Shasthree-Attended UGC Sponsored Refresher Course in Life Sciences Organized by Osmania University Academic Staff College, Hyderabad from 05-08-2013 to 28-08-2013 and obtained 'A' grade.
- Dr.P.Srinivas-Attended UGC Sponsored Orientation Course Organized by Osmania University Academic Staff College, Hyderabad from 28-09-2012 to 31-10-2012 and obtained 'A' grade.
- Dr.P.Srinivas-Attended UGC Sponsored Refresher Course in Life Sciences Organized by University of Hyderabad, Academic Staff College, Hyderabad from 08-12-2013 to 28-12-2013 and obtained 'A' grade.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects: 100%
- percentage of students doing projects in collaboration with other universities / industry / institute :100%

29. Awards / recognitions received at the national and international level by

- Faculty

Prof. A. Sadanandam

- DAAD Honorary Advisor (2006-2009)
- Best Teacher Researcher in Botany(2006) by Kakatiya University
- Awarded the Andhra Pradesh Scientist Award , 2008 by the Andhra Pradesh Council of Science and Technology, Govt. of A.P
- AP State Meritorious Teacher Award 2009
- Visiting Research Professor Murdoch University, Australia (2010)
- Fellow, Telangana Academy of Sciences-2015

Prof. N. Rama Swamy

- Awarded the Excellency Award 2009 in recognition of outstanding research inThe field of Plant Biotechnology by Academy of Plant Sciences India.
- State Best Teacher Award 2010 in recognition of distinguished service as a Teacher by the Govt. of Andhra Pradesh.
- "Pioneers in Genomics Education class of 2010" award for the outstanding contribution to the field of Genomics education by the OcimumBiosolutions, The Netherlands & USA.
- SikshaRathanPuraskar Award-2010, by International friends Society, New Delhi.
- Talented Biotechnologist Award-2011 3rdInternational Conference on Medicinal Plantsand Herbal Products, University of Colombo, Colombo, Srilanka, Dec 19-21, 2011.
- BharathJyothi Award – 2012 - for honoring Successful Meritorious Indian Personalities with most prestigious persons, March, 2012, awarded by India International friendship Society, New Delhi.
- Talented Scientist Award – 2012- for his outstanding contribution in the field of Medicinal Plant Biotechnology, awarded in the 4th International Conference on Medicinal Plants & Herbal Drugs held during 6th to 8th September, 2012 at Johns Hopkins University, Rock Ville, Maryland, USA.



- Indo-Nepal Gold Star Award-2013- For his out standing contributions in Research by Economic Growth Society of India. atKatmandu,Nepal. April-2013.
- Global Achievers Award-2013- For his outstanding contributions in the field of Education Excellence, by Global Achievers of India, Bangkok, Thailand. May 10th -15th 2013
- Out Standing Faculty Award-2015 for outstanding contributions in Research and Teaching, Venus International Foundation (Academic and Research), Chennai, 5th July 2015.
- Doctoral / post doctoral fellows &Students

Name of the student	Achievement/Award/Honour
Mr.B.Mallesham (Research Scholar)	Awarded with Young guest and Doctoral researchers annual scholarships for investigation and learning (IS-MOBIL YGGDRASIL) in Norway-2013
Dr. G. Kranthi Kumar	Awarded with CAS-TWAS Postdoctoral fellowship and working in CAS, China -2013
Mr B. Mallesham (Research Scholar)	Awarded SRF by CSIR, New Delhi-2012
Mr.K.Srinivas (Research Scholar)	Awarded CAS-TWAS fellowship -2010
Mr. Murali (Research Scholar)	Awarded Inspire DST fellowship-2012
Dr.P.Mahender	Visited New Castle University, UK as a visiting Scientist-2009
Dr.P.Mahender	Awarded UGC- Postdoc Fellowship-2011
Dr.P.Mahender	Awarded CAS-TWAS fellowship
Mrs. T. Radhika	Awarded CAS-TWAS fellowship-2010
Mrs. T. Radhika	Awarded Jawaharlal Nehru Memorial Fellowship-2010
Mr.R.Gulabkhan	Awarded Jawaharlal Nehru Memorial Fellowship-2009
Mr.R.Gulabkhan	Awarded UGC- Maulana Azad National Fellowship-2010
Mr.Kota Srinivas	Awarded UGC- Rajiv Gandhi Fellowship-2009
Mr.B.Prasad	Awarded DST Inspire Fellowship-2010
Ms.Vijaya	Awarded DST Inspire Fellowship-2013
Mr.Shabazuddin	Awarded DST Inspire Fellowship and working at CFTRI Mysore-2013
Ms.Mahalaxmi Veena	Awarded UGC- Rajiv Gandhi Fellowship2013
Ms.Rathna Prabha	Awarded UGC- Rajiv Gandhi Fellowship-2013
Mr.Althaf Shaik	Awarded UGC- Maulana Azad National Fellowship-2104
Mr. Mood Kasim	Awarded UGC- Rajiv Gandhi Fellowship2015
Mr.L.Suresh	Awarded UGC- Rajiv Gandhi Fellowship2015
Mr.B.Hussain	Awarded UGC- Rajiv Gandhi Fellowship2016
Mrs.J.Kiranmayee	Awarded UGC- Rajiv Gandhi Fellowship2016
Mrs.RamyaChouhan	Awarded UGC- Rajiv Gandhi Fellowship-2016
Mrs.ShamaNazrin	Awarded UGC- Maulana Azad National Fellowship-2015
Ms.V.Suvarchala	Awarded UGC- Rajiv Gandhi Fellowship 2016
Dr.KotaSrinivas	Awarded UGC- Postdoc Fellowship 2014
Dr.B.Prasad	Awarded UGC- Postdoc Fellowship 2015
Mr. D. Sandya	Awarded DST Inspire Fellowship-2016

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.



- Organized International Conference on Biotechnology: A Global Scenario. 2010 Nov 2nd to 4th.

Prof.N.Lingamurthy, Vice- Chancellor of Kakatiya University was the chief guest; Prof. Herman delivered the Key-Note Address. Eminent Scientists in the field of Biotechnology from different countries were attended and delivered the lead Lectures. Prof. MGK Jones (Australia), Prof. Gabriele Saretzki, Prof.Thomas Von Zglinicki (UK), Prof. Zhang Peng (China), Prof.JacquesHille (The Netherlands), Prof Ali Akbar Ehsanpour (Iran), have delivered plenary lectures. About 400 Biotechnologists from Universities, Research Institutes, Laboratories and Biotech Companies have participated in the Conference. This International Conference is supported by funding agencies such as UGC, DBT, DST, CSIR, , Bhabha Atomic Research Center (BARC) and APSCHE.

- Organized International Conference on Biotechnology in Human welfare. 2013 Feb 7th to 9th.

A three day International conference on “Biotechnology in Human Welfare” was organized during 7th-9th February, 2013. Prof.B.VenkatRathnam, Vice Chancellor, Kakatiya University inaugurated the International conference and Prof.DorotheaBortles, University of Bonn delivered the inaugural EMBO lecture. Eminent scientists in the field of Biotechnology Prof. Prof Susanne S. Renner (Germany), Prof. MGK Jones (Australia), Prof. PeterMedgyesy (Ireland), Prof.JacquesHille (The Netherlands), Prof. Dr. Wilhelm Gruissem (Switzerland), OmprakashMittapalli (USA), Prof Ali Akbar Ehsanpour (Iran), Dr.S.Someswar (USA) have delivered plenary lectures. About 400 Biotechnologists from Universities, Research Institutes, Laboratories and Biotech Companies have participated in the Conference.

This International Conference is supported by international funding agencies such as Third World Academy of Sciences (TWAS) Italy and European Molecular Biology Organization (EMBO) Germany, and also National Funding agencies UGC, DBT, DST, CSIR, , Bhabha Atomic Research Center (BARC) and APSCHE. Kakatiya University also generously extended financial support for the event.

- Organized International Conference on Emerging Biotechnologies. 2016 Jan 28-30th.

A three day International conference on “Emerging Biotechnologies” was organized during 28-30th January, 2016. Prof.T.Chiranjeevulu, Vice Chancellor, Kakatiya University inaugurated the International conference and Prof. MGK Jones, Murdoch University, Western Australia has delivered the key note address. Eminent scientists in the field of Biotechnology Prof. Laszlo Szabados, BRC, Szeged, Hungary, Prof. SP. Adhikary, Vice-Chancellor, Fakir Mohan University, Balasore, Odisha, Prof.SonamTashi, Royal University of Bhutan, Prof Ali Akbar Ehsanpour(Iran), Dr.Martina Silber, Scientist, LMU, Munich, Germany,



Dr.Salimuddin, AMU, Aligarh, Dr.Vidya Gupta, NCL, Pune, Dr.NutanKaushik, TERI, Dr.PrakashHalami, CFTRI, Mysore have delivered plenary lectures. About 400 Biotechnologists from Universities, Research Institutes, Laboratories and Biotech Companies have participated in the Conference.

This International Conference is supported by international funding agency DAAD, New Delhi and also National Funding agencies UGC, DBT, DST, CSIR, ., Kakatiya University also generously extended financial support for the event.

31. Code of ethics for research followed by the departments
Institutional Biosafety Committee will look after code of ethics constituted by Ministry of Science and Technology, DBT, Govt. of India
32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc. Biotechnology	450	26	36	100%	100%
5 Year Integrated M.Sc	220	48	34	100%	100%
Ph.D Program	95	18	12	100%	100%

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc. Biotechnology	80%	12%	06%	3%
5 Year Integrated M.Sc Biotechnology	90%	10%	--	--
Ph.D Program	70%	10%	10%	10%

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

No. of the students	Achievement
30 PG Students	Selected in BCIL (Biotechnology Consortium India Limited)
38 PG Students	Qualified NET/SLET
24 PG Students	Qualified GATE



35. Student progression

Student progression	Percentage against enrolled
UG to PG	100% 5YDC
PG to M.Phil.	--
PG to Ph.D.	20%
Ph.D. to Post-Doctoral	20%
Employed	
□ Campus selection	05%
□ Other than campus recruitment	55%
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	Percentage
Of the same University	100
From other universities within the state	
From universities from other states	
From universities outside the country	

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : NIL

38. Present details of departmental infrastructural facilities with regard to

a) Library

Departmental Library: About 9.5 lakhs worth books (707 nos) are maintained in our departmental library

Research Journals: Several research journals are subscribed for our Departmental library. They are:

- Current science
- Indian journal of biotechnology
- Indian journal of experimental biology
- Down to earth
- CSIR news
- Natural product radiance
- Biotechniques

b) Internet facilities for staff and students

Computers: Bioinformatics Infrastructure Facility (BIF):

The Department of Biotechnology (DBT), Ministry of Science and Technology, Govt. of India, New Delhi has sanctioned (Rs. 43.0 Lakhs) to develop Bioinformatics Infrastructure Facility (BIF) for promotion of Biology teaching through Bioinformatics (BTBI) to Kakatiya University, Warangal, AP under the Biotechnology Information System Network (BTISnet) Programme. We have created a separate lab in the building of Biotechnology, Kakatiya University. Complete equipment hardware and software is procured and BSNL Broad Band connectivity is obtained. The facility is being utilized by the Faculty, Research Scholars and Students of Biology departments



c) Total number of class rooms : 03

- Class rooms with ICT facility :03
- Students' laboratories :03

- Laboratories: The department is furnished with major equipments which are available and functional in the Department costing Rs.5 lakhs and above

Name of the equipment	Make/company	Approx. Cost (Rs.)
Gel Documentation System	Biorad	5.0
Cold Room(Walk-in-chamber)	Blue Star	6.0
Gradient PCR	Biorad	5.0
Cold Centrifuge	Hettich	5.0
Orbital Shaker (2.0 Nos.)	New Brunswick	6.0
Fluorescent Microscope	Nikon	18.0
Hybridization oven	Thermo	2.5
ELISA Reader	Biorad	6.5
Co ₂ incubator	Thermo	5.0
Green House	Saveer Biotech	10.0
Gel Documentation System)	(Biorad	5.5
Cold Centrifuge)	(Hermle	6.0
HPLC	Schimidzu	8.0
Millipore water purification system	(Millipore	7.5
Electro Cell Manipulator	(BTX)	6.0
Deep freezer (-86°C)	Thermo	5.5
ELISA Microplate reader	ECIL	6.0
Steriomicroscope	NIKON	9.0
Refrigerated Centrifuge	Hittich	6.0
Polyhouse	Sri Bio Plus	11.5
RT PCR	Biorad	8.0

- Small Equipment: Ovens, PH meters, water baths, shakers, refrigerators, microwaves, autoclaves, magnetic stirrers, cyclomixers, incubators, balances, microscopes

➤ Research laboratories :04

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university

S.No	Name of Post-doctoral student	Funding agency	Duration From-To
1.	Dr.P.Mahender	UGC, New Delhi	2011-2015
2.	Dr.K.Srinivas	UGC, New Delhi	2014-2019
3.	Dr.B.Prasad	UGC, New Delhi	2015-2019

b) from other institutions/universities NIL



40. Number of post graduate students getting financial assistance from the university.
- NIL
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
- NIL
42. Does the department obtain feedback from
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? No
 - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
- At the end of the course a questionnaire (Feed Back Form) will be given to each student to express their feelings freely on staff, curriculum and teaching-learning-evaluation and several aspects of the department without writing their names. All the possible suggestions will be taken care for strengthening department.
- Alumni and employers on the programmes offered and how does the department utilize the feedback? No
43. List the distinguished alumni of the department (maximum 10)
- 1) Mrs. Vasantha M.Sc Biotechnology has established ONAN BIOTECH Company in Hyderabad.
 - 2) Mr. Karunakar M.Sc Biotechnology is working as a SCIENTIST in MONSANTO Company.
 - 3) Mr. Ajithkumar Reddy M.Sc Biotechnology is working as a eminent scientist in a company in USA.
 - 4) Dr. Kasula Kiranmai, Appointed as Asst. Professor in Biotechnology, Telangana University
 - 5) Dr. A. Mahender Reddy, Appointed as Asst. Professor in Biotechnology, Telangana University
 - 6) Mr. B. Arun Kumar, Working as Scientist in Biocon, Bangalore
 - 7) Mr. Md. Sadiq Hussain, Working as Senior executive in Biocon Bangalore
 - 8) Dr. R. Gulab Khan, Appointed as Scientist –D in Central Silk Board, Government of India
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
- Special Lecture by Prof. Laszlo Szabados, BRC, Szeged, Hungary under visiting Fellow scheme of SAP DRS Phase-II
 - Special Lecture by Prof. MV. Rajam, UDSC, New Delhi under visiting Fellow scheme of SAP DRS Phase-II
 - Special Lecture by Prof. Srinatha Rao, Department of Botany, Gulbarga University under visiting Fellow scheme of SAP DRS Phase-II



45. List the teaching methods adopted by the faculty for different programmes.
 - -OHPs
 - -LCD Presentation
 - -Student Seminars
 - -Extension lectures
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
47. Highlight the participation of students and faculty in extension activities.
48. Give details of “beyond syllabus scholarly activities” of the department.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. :No
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- Organized three International Conferences in the year 2008, 2010 and 2013. Regularly updating the curriculum
- Regular evaluation by conducting seminars and quiz programmes among the students
- Assigning Internal Projects to the students to develop the skills in biotechnology
- Sending the students for Industrial Project Work (2 months) to have the exposure to the Industries and also to develop research skills
- Well equipped laboratory facilities are available to perform the laboratory exercises individually
- Highly qualified teaching faculty having exposure in different biotechnological areas
- Students are also well placed
- Conducting Biotech Fests to create awareness among the students
- Refresher courses for college teachers to update and improve their theoretical and practical skills.
- We have adequate expertise as evidenced by our research publications. We have published research papers with good impact factor.
- Citation index: our research papers are cited in journals and books. Our protocol appear in edited Books
- Most of us have worked in research laboratories in Germany, USA, Brazil, Netherlands, Australia, Hungary etc.
- We have established linkage/collaborations with Professors of Indian and foreign universities for undertaking research work.
- We have obtained gene constructs for our collaborative research work.



- Sufficient laboratory space and other infrastructural facilities
- DBT, New Delhi has sanctioned Bioinformatics Infrastructure Facility with Internet connectivity through which we are accessing biological databases on public domain and e.journals; this facility will be of immense help to researchers
- Department is recognized by DST under FIST program and UGC under SAP - DRS Phase II
- We have introduced 5-years integrated course in Biotechnology for 10+2 students with the aim of “catch them young” and motivate them to enter life science research.

Weaknesses:

- Lack of sufficient number of faculty
- Inadequate funding to the research students at the university level.

Opportunities:

- It is an interdisciplinary course which encompasses all basic science subjects.
- Biotechnology is a technology with profuse agricultural, medicinal and industrial applications.
- The national and international problems and grievances pertaining to Food Production, Animal Husbandry, Medical and Health etc. are addressed by Biotechnology.
- The need of the hour is to produce skilled human recourse in biotechnology

Challenges:

- Biotech sector still continues to remain insulated from the economic recession and it is still not showing phenomenal growth as expected
- Opportunities have become problem for Biotech students when compared with information technology

52. Future plans of the department.

- To encourage foreign students to take admissions into PG and PhD programmes
- To enter into MOU's with Industry and Universities at National and international level
- To train the students for National Eligibility Test (NET)
- To Promote Campus Interviews



EVALUATIVE REPORT - CHEMISTRY DEPARTMENT

1. Name of the Department : Department of Chemistry
2. Year of establishment: 1976
3. Is the Department part of a school/ Faculty of the university? : Full fledged Department
4. Names of the programmes offered: UG-B.Sc.(M.P.C, B.Z.C, etc)
PG-M.Sc. Chemistry, (2yr course) with Inorganic, Organic and Physical Chemistry specializations.
5-year Integrated M.Sc. Chemistry courses.
5. Interdisciplinary programmes and departments involved : NIL
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: NIL
7. Details of programmes discounted, if any, with reasons : All programmes are continued
8. Examination System: Annual/ Semester/ Trimester/ Choice Based Credit System:
Semester: Semester system for M.Sc. Chemistry (2 yr course) and 5-yr integrated M.Sc. Chemistry course.
9. Participation of the department in the courses offered by other departments: M.Sc. Biochemistry, M.Sc. Biotechnolgy and B.tech. courses.
10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professor/ others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	03	—	07 CAS
Associate Professors	02	—	—
Asst. Professors	13	07	07
Others	—	—	—



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
1. Prof. G. Venakateshwar Rao	M.Sc., Ph.D	Professor	Organic	33	—
2. Prof. M.Srinivas Rao	M.Sc., Ph.D	Professor	Organic	33	—
3. Prof. Ch.Sanjeewa Reddy	M.Sc., Ph.D	Professor	Physical	30	09 Ph.D. 02 M. Phil.
4. Prof. V.Ravindher	M.Sc., Ph.D	Professor	Inorganic	28	06 Ph.D. 02 M. Phil.
5. Prof. D. Dayakar	M.Sc., Ph.D	Professor	Inorganic	24	04 Ph.D.s'
6. Prof. E. Rajanarendar	M.Sc., Ph.D	Professor	Organic	23	05 Ph.D. 02 M. Phil.
7. Prof. K. Mogiliah	M.Sc., Ph.D	Professor	Organic	23	08 Ph.D. 02 M. Phil.
8. Dr. G. Brahmeshwari	M.Sc., Ph.D	Assistant Professor	Organic	10	—
9. Dr. G. Hanumanthu	M.Sc., Ph.D	Assistant Professor	Organic	9	—
10. Dr. N. Vasudeva Reddy	M.Sc. Ph.D	Assistant Professor	Organic	8	—
11. Dr. T. Savitha Jyosna	M.Sc., Ph.D	Assistant Professor	Physical	8	01 Ph.D.
12. Dr. S. Jyothi	M.Sc., Ph.D	Assistant Professor	Inorganic	7	—
13. Dr. K. Mamatha	M.Sc., Ph.D	Assistant Professor	Inorganic	4	—
14. T. Rajamani	MSc.,	Assistant Professor	Organic	1	—
15. Dr. S. Ramanna	M.Sc., Ph.D	Assistant Professor	Organic	—	—

12. List of senior visiting fellows, adjunct faculty, emeritus professors; - —

13. Percentage of classes taken by temporary faculty/ contractual
— programme-wise information: 50% for the 5-yr integrated M.Sc. Chemistry course.

14. Programme-wise Students Teacher Ratio : $300/12 = 25$ for M.Sc. Chemistry 2yr and 5- yr courses.



15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual : 1 Head, Technical : 8
16. Research thrust areas as recognized by major funding agencies:-
1. Organic synthesis & biological evaluation
 2. Natural products
 3. Coordination Chemistry
 4. Supra molecular Chemistry
 5. Kinetics and catalysis
 6. Molecular modelling
 7. Thermodynamic excess properties
 8. Computational Chemistry
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the following agencies, project title and grants received project-wise. : Agencies; UGC & CSIR, New Delhi
Total no. of projects - 07
Out lay Rs. 90 lakhs
18. Inter-institutional collaborative projects and associated grants received
a) National collaboration: - b) International collaboration :- NIL
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received : UGC – SAP, 45 lakhs
20. Research facility / centre with:
National recognition
State recognition: -
National recognition:-
International recognition:-
21. Special research laboratories sponsored by / created by industry or corporate bodies ; - NIL
22. Publications: 150
Number of papers published in peer reviewed journals (national / international) 150
Monographs
Chapters in Books
Edited Books
Books with ISBN with details of publishers
Number listed in international Database (for e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc)
Citation Index – range / average: 600
Impact factor – range / average: Range 0.5 to 5.62 Average 1.5
h-index



23. Details of patents and income generated : – NIL
24. Areas of consultancy and income generated: – Rs. 6.5 lakhs
25. Faculty selected nationally/ internationally/ to visit other laboratories / Institutions / industries in India and abroad.-
Prof. V. Ravinder, Leibniz Institute for catalysis, University of Restock, Germany 2009.
26. Faculty serving in: a) National committees b) International committees c) Editorial Boards d) any other (please specify) Some of the senior faculty members are in the National committees, Editorial boards, Board of studies in other universities and Adjudicators for several Evaluation committees like Ph.D thesis evaluation and selections.
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs workshop, training programs and similar programs).
a) UG Teachers refresher course Sponsored by A.P State Council of Higher Education, Hyderabad, July 7-14, 2009
b) PG Teachers refresher course Sponsored by A.P State Council of Higher Education, Hyderabad, April 23-30, 2012
28. Students projects: -
 - Percentage of students who have done in-house projects including interdepartmental projects
 - Percentage of students doing projects in collaboration with other universities / industries/ institute
30 out of 30 (100%) of 5-yr Integrated M.Sc. Chemistry students will carry out the student projects every year in collaboration with IICT, Hyderabad/ University of Hyderabad, Hyderabad/ IIT Madras, Chennai/ IIT Bombay, Mumbai/ IISC Bangalore, etc. This type of project has been carried out for the last five years.
29. Awards/ recognition received at the national and international level by
 - Faculty : Best teacher award 03
 - Doctoral / post doctoral fellows 10 by the students
 - Students 20 (Inspired fellowships)
30. Seminars/ Conferences/ Workshops organized and the source of funding (national / international) with details of outstanding participants, if any,
 - UGC sponsored National Seminar on Environmentally benign Synthetic Methodologies in Chemistry, March 9-10, 2009.
 - UGC sponsored National Conference on Green Chemistry, an innovation to sustainable development, March 23-30, 2010.



- UGC sponsored National Seminar on Design Eco-polymers for Universal sustenance, March 30-31, 2011.

31. Code of ethics for the research followed by the departments:

National/ International ethical code for research has been followed.

32. Students profile programme-wise:

Name of the Programme (refer to question no. 4)	Application s received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc. Chemistry 2-yr course	3000	31	14	85	88
5-yr Integrated M.Sc. Chemistry	1000	20	10	88	90

33. Diversity of students: -

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
M.Sc. Chemistry 2-yr course	60	35	05	—
5-yr Integrated M.Sc. Chemistry course	55	40	05	—

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examination? Give details category-wise. –

NET: Every year about 10 students will clear the NET examination.

GATE: Every year 6-8 students will clear the GATE.

SET: 10 students/ scholars cleared the SET examination during the year 2012

12 students/ scholars cleared the SET examination during the year 2013

35. Students progression

Students progression	Percentage against enrolled
UG to PG	40% (including university, private and aided PG colleges)
PG to M.Phil.	NIL



PG to Ph.D	About 25% of PG students get admissions into Ph.D programmes in different Universities/ Research institutes.
Ph.D to Post-Doctoral	About 10 % Ph.D students are getting Post-Doctoral fellowships in different Universities/ Research institutes in India and abroad.
Employed ○ Campus selection ○ Other than campus recruitment	About 15% students are being placed in reputed Companies/ Industries every year through campus selections About 50% students are well placed in Educational institutions/ Companies/ Industries/ Research institutes, etc
Entrepreneurs	About 5% students are self employed

36. Diversity of staff –

Percentage of faculty who are graduates	
of the same university	90%
from other universities within State	10%
from universities from other States from	NIL
Universities outside the country	NIL

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:

Only one: (G. Hanumanthu) awarded Ph.D. degree during the assessment period

38. Present details of departmental infrastructural facilities with regard to Library –

Well established University Library nearer to the department & a Mini library facility in the department.

Internet facilities for the staff and students: Internet facility is available for all the staff and students.

Total number of classrooms: 10 classrooms for (M.Sc chemistry 2 & 5-yr integrated courses)

Class rooms with ICT facility – Only one (Seminar hall)

Students' laboratories: 9 laboratories

Research laboratories: 12 + 1 common laboratories



39. List of doctoral, post-doctoral students and Research Associates

	Doctoral	Post-Doctoral	Research Associates
host institution/ university	45	—	01
other institutions / universities	05	—	—

40. Number of post graduate students getting financial assistance from the university.
Details are available with the Principal Office, Univ. College, KU.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. –

To introduce project work for 5-yr integrated M.Sc. Chemistry Course students, lot of exercise has been done by contacting different research institutions like IIT s', IISC, IICT s', Universities, etc about the type of curriculum and the project work.

42. Does the department obtain feedback from

- a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

By conducting staff meetings and meetings with the students to know about the curriculum and the difficulties faced by the students.

- b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

By a questionnaire to the students related to teaching-learning-evaluation every semester.

- c) Alumni and employers on the programmes offered and how does the department utilize the feedback?

By getting feedback about the programmes offered by the department, from the old students (Alumni) and employers who were working at different places in India/ abroad.

43. List of distinguished alumni of the department (maximum 10)

1. Dr. Mohan Rao, Director, CCMB, Hyd.
2. Dr. B. Manipal Reddy, Deputy Director, IICT, Hyd.
3. Eaaga Purushotham, Managing Director of Smruthi Organics Ltd. Sholapur, Maharashtra.
4. Dr. Buchi Reddy, MD Orchid Chemicals & Pharmaceuticals Ltd, Chennai
5. K.Ravinder Reddy, University of Pennsylvania, USA
6. Prof. V. Prakash Reddy, Missouri Univ. Science and Tech. Rolla, USA
7. Dr. Jagath Reddy, MD (Jagath Reddy Heterocyclics), Hyd.
8. Dr. K.Satyanarayana, Scientist, Massachusettes, USA
9. T.Madhusudhan, Oracle Skills, Manager JP Morgains, Newyork, USA
10. Prof. N.Satyanarayana, Registrar, NIPER, Hyd.



44. Give details of student enrichment programmes (special lecturers/workshops/seminar) involving external experts.
45. List the teaching methods adopted by the faculty for different programmes.
46. How does the department ensure the programme objectives are constantly met and learning outcomes are monitored?
47. Highlight the participation of students and faculty in extension activities.
48. Give details of “beyond syllabus scholarly activities” of the department
 - Organizing student/ scholar seminars
 - Engaging classes to improve the aptitude and communication skills of the students/ scholars
 - Conducting seminar talks by eminent scientists
 - Improving organizational skills of students/ scholars by involving them in all departmental activities
 - Motivating students towards social responsibilities in collaboration with service organizations.
49. State whether the programme / department is accredited / graded by other agencies?
If yes, give details: By NAAC
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Most of the faculty members are actively involved in the advanced research areas like computational chemistry, new research methodologies in organic synthesis and supra molecular chemistry. Some of the new organic and inorganic compounds reported by the department are emerged as potential antimicrobial, anti-inflammatory, anticancer, anti-HIV and anti-HCV agents. Some reported coordination complexes are emerged as potential catalyst in organic transformations.

51. Detail five major Strength, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Major strengths:

- Most of the faculty members are consistent with good academic (teaching and research) record. They worked in advanced research laboratories (UK, USA, Germany, etc) abroad and well acquainted with the equipments, current knowledge and carried out the advanced research in prominent area with this faculty members are able to publish a large number of papers in peer reviewed journals with high impact factor.

Weaknesses:

- The number of teaching faculty is decreasing year by year and there is no equivalent appointment. Hence, this is causing a huge teaching burden on the faculty. Therefore, unable to spare the time to carry out the research.



- The sanctioned budget/ grants are not sufficient in procuring sophisticated equipments to carry out the advanced research.

Opportunities and Challenges

- If proper facilities are provided by increasing the grants and reducing the over burden, the faculty members will further improve their research and teaching capabilities.

52. Future plans of the department.

- The department is planning to introduce new courses like M.Sc. Applied Chemistry/ M.Sc. Material science/ M.Sc. Analytical Chemistry/ M.Sc. Pharmaceutical Chemistry. To start a new course it requires 6 faculty members with a minimum of 5 lakh recurring grant per year. If appropriate faculty and budget is sanctioned by the UGC New Delhi/ State government the Department is ready to start above said courses.
- To improve the research facilities the Department of Chemistry plans to purchase:
 1. Infrared spectrophotometer and NMR spectrophotometer (300/ 400 MHz)
- To introduce the project work for M.Sc. Chemistry (2-yr course), if appropriate financial assistance is obtained from University/ UGC New Delhi/ State government.



EVALUATIVE REPORT - COMMERCE AND BUSINESS MANAGEMENT

1. Name of the Department Department of Commerce and Business Management
2. Year of establishment 1972
3. Is the Department part of a School/Faculty of the university? Faculty of Commerce and Business Management
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

B.Com., B.Com.(Computer Applications), B.Com. (Banking & Insurance), M.Com., M.Com.(Finance and Accounting), M.Com. (Computer Applications) MBA., M.Phil., and Ph.D. Programmes are offered by the Department

5. Interdisciplinary programmes and departments involved ---
6. Courses in collaboration with other universities, industries, foreign institutions, etc.

International Summer University (Collaboration with Management Development Institute, Gurgaon)

7. Details of programmes discontinued, if any, with reasons ---
8. Examination System: Semester System with Two Semesters per year
9. Participation of the department in the courses offered by other departments ---
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors /Asst. Professors/others)

There are 11 Professors, 2 Associate Professors and 5 Associate Professors working in the Department

Professor	11
Associate Professors	02
Asst. Professors	05
Others	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Sl No	Name of the Faculty Member	Qualifications	Experience (Years)	Specialization	M.Phils/ Ph.Ds Guided
1	Prof.G.V.Bhavani Prasad (Retired)	M.Com., Ph.D., PGDCMP, CMC	37	Marketing & Information Technology	4+10



2	Prof.K.Omprakash	M.Com., Ph.D.	34	Finance & Accounting	3+8
3	Prof.B.Venkatathnam (Retired)	M.Com., M.Phil., Ph.D., MBA. MSc(Psychology), LLB., MA.,(Sociology)	32	HRM,OB, SM	4
4	Prof.N.Hanumantha Rao	M. Com., Ph.D., FDP(IIMA)	35	OB,IR	2
5	Prof.P.Krishnamachary	M. Com., Ph.D., FDP(IIMA)	35	Finance, Creativity & Innovation	6+10
6	Prof.M.Subramanya Sharma	M.Com., M.Phil., Ph.D.	32	Finance, MIS	3
7	Prof.K.Sayulu	M.Com., M.Phil., Ph.D., MBA., M.Sc. (Psy)	35	Marketing, Accounting, Taxation	11+10
8	Prof.V.V.S.Sarma	M. Com., Ph.D, M.Sc. (Psy),. P.G. Dip. In Guidance & Counselling.	30	OB, HRM	6+4
9	Prof. K. Raji Reddy (Retired)	M. Com., Ph.D.	30	Rural Marketing, Banking	4
10	Prof.S.Kamaleswar Rao	M.Com., M.Phil., Ph.D.	27	OB, HRM	2
11	Dr.M.Sammaiah (Retired)	M. Com., Ph.D.	29	Marketing	
12	Prof.P.Indrasena Reddy (Retired)	M. Com., Ph.D.	28	Marketing Accounting	3
13	Prof.D.Sakriya	M. Com., Ph.D.	27	Accounting, Finance	4
14	Prof.Ch.Rajesham	M.Com., M.Phil., Ph.D.	22	Accounting, Finance	3
15	Prof.K V Janardhan Rao	M.Com., M.Phil., Ph.D, M.B.A.	25	Accounting, Finance	12+10
16	Prof.N. Kusuma	M. Com., Ph.D.	23	OB, HRM	2
17	Dr.S.Venketaswarlu	M.Com.,Ph.D.,PGDCA	22	Marketing & Information Technology	2
18	Dr.M.Satyavathy	M.Com.,Ph.D.	21	HRM, MIS	2
19	Dr.K.Raji Reddy	M.Com., M.Phil.,Ph.D.,	21	Finance Mgmt Accounting	4
20	Dr.P.Amaraveni	M.Com.,Ph.D.	09	HRM, Information Technology	1
21	Dr.K.Rajender	M.Com., MBA.,Ph.D.	09	Finance Quantitative Techniques	3
22	Dr.S.Narasimha Chary	M.Com., Ph.D	08	Finance Accounting	3
23	Dr.S.Varalaxmi	M.Com.,Ph.D.	08	Rural Business	1

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Sl.No	Name of the Visiting Fellow/Adjunct Fellows/ Emeritus Professors	Specialization	Month/Year
1	Prof.MonicaHolmes CMU,USA	Information Technology	September, 2008
2.	Prof.Mark Poindexter CMU,USA	Organization Theory	September, 2008
3	Prof. Vidhyadhar Reddy Osmania University,HYD	Marketing	October 2008
4.	Prof. Akbar Ali Khan Osmania University,HYD	Accounting	February 2009
5	Prof. Hima Chalam	Finance	March 2009



	SV University,Tirupati		
6	Prof. J.V.Joshi SRTM University,Nanded	Finance	March 2009
7	Prof. Jayantha K Parida, Utkal University	Human Resources	April 2009
8.	Prof.Laxmipathi Raju Andhra University, Vizag	Entrepreneur ship	July2009
9	Prof.B.Appa Rao Andhra University, Vizag	Banking	August 2009
10	Prof.V.N.Rao, Acharya Nagarjuna University, Guntur	Finance	August 2009
11	Prof. D.Prabhakar Rao Andhra University, Vizag	Marketing	September 2009
12	Prof.Mohan SV University,Tirupati	Finance	October 2009
13	Prof. Janardhanam Canara Bank School of Management, Bangalore University, Bangalore	Finance	December 2009
14	Prof.Ereshi Department of Commerce, Bangalore University Bangalore	Finance	February 2010
15	Prof. Shiva Raj Bhaddur Institute of Management, Mysore University, Mysore	Finance	March 2010
16	Prof. K. Rammohan Rao, Andhra University, Visakhapatnam.	Marketing	April 2010
17	Prof. A. Sudhakar, Dr. B.R. Ambedkar Open University, Hyd	Finance	July 2010
18	Prof. A. V. Ramana, Sri Krishnadevaraya University, Anantapur.	Human Resources	July 2010
19	Prof. P. Purushothama Rao, Osmania University, Hyderabad.	Marketing	August 2010
20	Prof. D. Obul Reddy, Director, Appollo School of Health Management, Hyderabad	Finance	September 2010
21	Prof. T. Krishna Kumar, Osmania University, Hyderabad	Human Resources	July 2011
22	Prof. S. Jayanna, Sri Krishnadevaraya University, Bellary, Karnataka	Finance	August 2011
23	Prof. S.K. Thripathi, VBS Poorvanchal University, Jaunpur, Uttar Pradesh	Finance	September 2011
24	Prof. M. Ramachandra Gowda, Chairman, Bangalore University, Bangalore	Marketing	November 2011
25	Prof. Aisha M Sheriff, BN Bahadur Institute of Management, Mysore University,Manasagangothri, Mysore	Human Resources	January 2012
26	Prof. B.R. Ananthan, Vice-Chancellor, Rani Chennamma University, BELGAUM	Marketing	February 2012
27	Dr. A. Raghu Rama, Professor, Mangalore University, MANGALORE	Finance	March 2012
28	Prof. V.S. Devalankar, University of Mumbai, KALINA – MUMBAI	International Business	March 2012
29	Prof. K.S. Chandrasekharan, Kerala University, Trivandrum (KERALA)	Strategic Management	July2012
30	Prof. V. Murgaiyah, Davanagiri University, Devanagiri, KARANATAKA	Finance	September 2012
31	Prof.Benarjee, V.B.S., Purvachala	Finance	October



	University, JAUNAPUR 222002		2012
32	Prof. H.S. Anitha, Davangere University, DAVANGERE	Human Resources	October 2012
33	Prof. C.V. Jayamani, Cochin University of Science & Technology, KOCHI	Finance	December 2012
34	Prof. Nageshwar Rao, Vice-Chancellor, Uttar Pradesh Rajarshi Tandon Open University, Allahabad	Organization Theory	February 2013
35	Prof. P. Subbaraj, Dept. of Cooperation & Management, Gandhigram Rural Institute, Gandhigram, Dundigal district, Tamilanadu	Rural Entrepreneur ship	March 2013
36	Prof. K.P. Muraleedharan, Department of Commerce & Management Studies, University of Calicut, Calicut	Marketing	March 2013
37	Prof. G. Anjeneya Swamy, Dept of Tourism Management, Pondicherry University, Pondicherry	Marketing	April 2013
37	Prof. B. Ramesh, Department of Commerce, Goa University, Goa	Finance	April 2013
38	Prof. Ravinder Vinayak, M.D. University, ROHTAK, HARAYANA	Strategic Management	July 2013
39	Prof. M.S. Senam Raju, School of Management, Indira Gandhi National Open University, Maidan Garhi, New Delhi	Finance	August 2013
40	Prof. Arindam Gupta, Midnapur University, Midnapur, West Bengal	Marketing	October 2013

Apart from the Academic Professors, the executives from industrial like SCCL, NTPC, NPDCL, SBH, Andhra Bank, ICICI Bank, HDFC Bank, NSE, ICAI, ICS, Genpact, Capital IQ have been the Industry guest faculty for the department.

13. Percentage of classes taken by temporary faculty – programme-wise information – The temporary faculty has engaged 10 percent of the total work load related to M.Com, MBA. However no temporary faculty is used for M.phil and Ph.D. course work.
14. Programme-wise Student Teacher Ratio – Total Student Strength of M.Com and MBA comes to 400 and the Student Teacher ratio come to 22:1.
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual. -- The Department is run with One Office Assistant and Two Attenders till 2012. The Office staff has been strengthened from 2013 with One Assistant Registrar, One Senior Assistant, Two Junior Assistant, One CCT and One Office Assistant apart from the existing sub staff.
16. Research thrust areas as recognized by major funding agencies – The Research Thrust areas are Financial Services, Services Management and Retailing Management apart from Rural Marketing and Finance and Accounting. Potential for Development of Telangana State.



17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

The following teachers were awarded Major Research Projects by UGC.

Sl.No	Name of the Faculty	Grant in Rs.Lakhs	Remarks
1	Prof.M.Subramanya Sarma	6.50	
2	Prof.K.Sayulu	5.09	
3	Prof.K.Raji Reddy	4.36	
4.	Prof.V.V.S.Sarma	4.71	
5.	Pro.N.Kusuma	5.09	
6	Prof. Ch.Rajesham	4.70	
7	Prof.K.Venkata Janardan	4.40	
8	Dr.P.Varalaxmi	3.00	
9	Dr. K.Raji Reddy	6.00	

18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration: The Department has entered MOU with Management Development Institute, Gurgaon, for deputing the 2nd semester MBA students for International Summer University sessions conducted at MDI campus during the summer vacations for the students. One student was deputed in 2013 and 8 students are deputed in 2014.
- b) International collaboration: ----

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

The Department has been sanctioned Rs. 37.5 Lakhs under UGC – SAP/DRS programme for the period between 2009 – 2014. The Department was sanctioned Rs. 27 Lakhs from UGC under the scheme for strengthening the Existing Management Departments. DRS SAP – II 1.05 Crore & 1 PDF during XII Plan period commencing from 2015-16. UGC, KU 12 Five Plan 4.0 Lakhs towards purchase of books & equipment.

20. Research facility / centre with - NA

- State recognition
- National recognition
- International recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies - NA

22. Publications:

- Number of papers published in peer reviewed journals (national / international)- 14
- Monographs
- Chapters in Books
- Edited Books 07
- Books with ISBN with details of publishers



- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Citation Index – range / average
- SNIP
- SJR
- Impact Factor – range / average
- h-index

23. Details of patents and income generated – NA

24. Areas of consultancy and income generated – NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions Industries in India and abroad

Prof.G.V.Bhavani Prasad has visited Central Michigan University, Mt.Pleasant, Michagan, USA Between 1st September 2009 till 10 November 2009 under the Faculty Exchange Programme.

Prof. P. Krishnamachary chaired technical session in innovation and inroads in Commerce, Management & Technology in the Globala Arena: Challenges Ahead at International Conference organized by University of Mumbai on 6-7 Feb., 2014

Prof. P. Krishnamachary has participated and presented a research paper entitled “Leadership – An Excellence Key to Empowerment and Development – A success story of South Indian Village” at International conference organized by Innovation Leaders 2015 forum on 26th Feb., 2015 at Washington, Dc, USA.

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Prof.G.V.Bhavani Prasad has served a member in the State Level Committees constituted by AP State Council for Higher Education, Hyderabad, for recommending guidelines for Managing University Finances for State Unviersities, Finishing Schools and the Rules for Accounting and Finances of State Universities in Andhra Pradesh.

Other Faculty members were members of AICTE Inspection Teams,TSCHE Joint Inspection Committees and N. Hanumanth Rao, M. Subramanya Sharma and K Saylu are appointed as UG syllabous revision committee by TSCHE.

Apart from this all the faculty members were the Executive members of All Indian Commerce Association, Indian Accounting Association, Research Development Association,, Indian Marketing Association, Indian Institute of Public Administration and many other research bodies.



In Addition the faculty was serving as Paper Reviewers and members of editorial boards of different National and International Journals.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
 Prof.N.Hanumantha Rao and Prof.P.Krishnamachary have attended One year FDP at IIMA, Ahmedabad.
 Prof B.Venkata Rathnam and Profk.Sayulu have attended FDP at IIM, Lucknow
 Prof.K.Omprakash and Prof.K.Raji Reddy have attended FDP at IIM, Lucknow.
28. Student projects - The MBA students of the Department carry out project studies in different industrial houses as part of their curriculum
 Percentage of students who have done in-house projects including inter-departmental projects
 Percentage of students doing projects in collaboration with other universities industry / institute
29. Awards / recognitions received at the national and international level by Faculty
 Prof.K.Krishna Reddy was awarded the State Teacher Award by the Government of Andhra Pradesh in 2012
 Prof.G.V.Bhavani Prasad was awarded the State Teacher Award by the Government of Andhra Pradesh in 2012
 Prof. Om Prakash was awarded the State Best Teacher Award by the Government of Telangana in 2016
 Doctoral / Post Doctoral fellows 6
 Students ---
30. Seminars/ Conferences/Workshops organized and the source of funding
 The Department Organized the following seminars as part of SAP-DRS
 1. Emerging Issues and Challenges in Insurance Sector in India
 2. Emerging Dimensions in Corporate Governance – A Diagnostic and Prescriptive Approach
 3. Companies Act, 2013 impact on CG joint seminar with ICA.
31. Code of ethics for research followed by the departments
 The Department follows strict adherence to the Timings of work both for class work as well other works related to Research and University Related works. The students are encouraged to interact with the Faculty, both in house and Guest, with reference to their queries related to subjects and career.
32. Student profile programme-wise: Availabe with Academic Report/ Director of Admissions

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female



33. Diversity of students – NA

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.
20 NET

35. Student progression

Student progression	Percentage against enrolled
UG to PG	30
PG to M.Phil.	15
PG to Ph.D.	5
Ph.D. to Post-Doctoral	2
Employed	
☐ Campus selection	5
☐ Other than campus recruitment	10
Entrepreneurs	2

36. Diversity of staff

Percentage of faculty who are graduates of	
the same university	80
from other universities within the State from	20
from universities outside the country	

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period –

All the Faculty members were Doctorates even before the Assessment period for the First NAAC

38. Present details of departmental infrastructural facilities with regard to

- Library - Equipped with 5010 Titles and 26 Journals of National and International Repute
- Internet facilities for staff and students – The Department have Networked Computer Lab as well wi-fi.
- Total number of class rooms - 14
- Class rooms with ICT facility - 14
- Students' laboratories - 02
- Research laboratories - 01



39. List of doctoral, post-doctoral students and Research Associates - NA
- from the host institution/university
 - from other institutions/universities
40. Number of post graduate students getting financial assistance from the university.
90 per cent Students are receiving Fee Reimbursement for the tuition fee paid by them
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. NA
42. Does the department obtain feedback from
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Faculty discusses the Developments in Curriculum through Periodic Meetings held by the Chairperson, Board of Studies, Departmental Committee and Departmental Research Committee
 - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Students provide feedback through exit interviews held by the Head of the Department
 - Alumni and employers on the programmes offered and how does the department utilize the feedback?
- 43 List the distinguished alumni of the department (maximum 10)
- Mr. Jagadishwar Rao, IAS – MD, AP Breweries Corporation, Hyd
 - Ms. Ashalatha Singh – Director, Academic programmes, ISB, HYD
 - Dr.G.Sridhar – Faculty, IIM Kozikode
 - Mr.T.Karunakar , Leading Chartered Accountant
- 44 Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
The Department Conducts Student Skill Development Workshops by inviting professional from the Industry. The organizations such as CAMEL, Strategist, Capital IQ
- 45 List the teaching methods adopted by the faculty for different programmes.
The Department uses Case method, Role Play, Student Seminars and Discussions apart from the regular lecture method. The Students are made to attend Open Viva Voce conducted for Ph.D. and M.Phil Scholars for updating with current research in the subjects concerned
- 46 How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
The Departmental Committee, Faculty, Exit Interview and Interaction sessions of Faculty with the Students are used as sources for ensuring that the programme objectives are met.



- 47 Highlight the participation of students and faculty in extension activities.

The Students organized Management Students Meet(MAD Show – Synergy was organized on 5th April 2014), Management and Commerce Student Seminars and Paper Presentations on regular basis, apart from regular participation in NSS programmes and Camps organized. In the recent Elections the Students organized campaigns to inculcate the voting by students and the voters belonging to their native villages and towns.

- 48 Give details of “beyond syllabus scholarly activities” of the department.

The Faculty actively participates in the training programmes and workshops organized by different colleges and Universities in the regions.

Prof.K.Omprakash, was appointed as the Convenor, ICET for the years 2011-12, 2012-13, and 2013-14 by the AP State Council for Higher Education, Government of Andhra Pradesh. He has received commendations for his dedicated work and the results shown by his work.

- 49 State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

The Department has received Dewang Mehta Business School Awards as the Business School with Best Academic Input(Syllabus) in Human Resources in 2012, Sponsored by Hindustan Unilever Limited, co-sponsored by Hexaware and Deloitte and endorsed by Asian Confederation of Business.

The Department received Second Prize for the programme on “Foreign Exchange for You” organized by Reserve Bank of India in 2012

- 50 Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- 51 Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

The Department has well Qualified Faculty
 The Department has Good Infrastructure
 The Department has Good Industry Linkages
 The Department has Good Library
 The Department has strong research base
 Wifi Seminar Hall

Weaknesses

Majority of the Faculty are retiring by 2017
 Students come from rural background and hence various skills are to be imported
 Limited Financial and career support from the Industry
 Limited financial support from national agencies
 Limited Industrial base in Warangal

Opportunities

Scope for developing and imparting the area relevant programmes
 Scope for reaching out to Industries located in Hyderabad



Scope for entering into MOUs with national level institutions especially with ISB, IIT, HCU and others

52 Future plans of the department.

The Department Intends to offer M.Com (Rural Entrepreneurship), MBA(Rural Management), MBA (Retailing), M Com (Financial Audit) in collaboration with Institute of Chartered Accountants of India and other MBA Programmes such as Travel and Tourism, Health Care Administration and M Com (Corporate Governance) in tie up Institute of Company Secretaries of India. Other job oriented programmes such Online Trading, Financial Services, Banking, Insurance, Financial Consulting and Agri-Market Consulting etc are in the future plans.



EVALUATIVE REPORT - COMPUTER SCIENCE

1. Name of the Department : Department of Computer Science
2. Year of establishment : 1992, October
3. Is the Department part of a School/Faculty of the university?
4. Names of programmes offered : Ph.D, M.C.A and M.Sc.(CS), PGDCA, BCA, B.Sc
5. Interdisciplinary programmes and departments involved: Yes
 - a. Maths
 - b. Economics
 - c. Commerce
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
No
7. Details of programmes discontinued, if any, with reasons:
Yes, M.Sc.IS: lack of demand.
8. Examination System:
Semester with CBCS
9. Participation of the department in the courses offered by other departments : Yes

Teaching of computer subjects in following courses.
 - a) Integrated Chemistry/Biotechnology
 - b) Micro-Biology
 - a) English (training classes for PhD scholars and students)
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Designation	Sanctioned	Filled	Actual(including CAS & MPS)
Professor	01	--	
Associate Professors	01	--	
Asst. Professors	04	04	
Others			



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	Experience (in years)
Dr. B. Manjula	PhD. (C.S) from KU, M.SC. (IS) from OU.	Assistant Professor	Data Mining, Programming Languages.	10
Dr. B. Rama	Ph.D. (C.S.) from Padmavathi Mahila University.	Assistant Professor	Artificial Intelligence and data mining	15
D.Ramesh	M.Tech. from JNTU, HYD	Assistant Professor	Cryptography and Network Security	07
M.Venugopal Reddy	M.Tech from NIT, Wgl.	Assistant Professor	Web & text mining recommended systems, SE	20

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

S.No	Name	Institution
1	Prof D.V.L.N Somayajulu	NIT- Warangal
2	Prof. SSVN Sarma	Vaagdevi Engineering College, Warangal
3	Prof. R.B.V.Subrahmanyam	NIT- Warangal
4	Prof. Suresh Kumar Lokhande	Osmania University, Hyd
5	Prof. Thami Reddy	Geetham University, Visakaptnam
6	Dr. Indraveni	Senior Technical Officer, C-DAC, JNTUH Campus, Hyd
7	Prof. A.Vinay Babu	JNTUH College of Engineering
8	Prof.A.Govardhan	JNTUH College of Engineering

13. Percentage of classes taken by temporary faculty – programme-wise information

Sl.No	Name of the Contractual appointee	Qualification	No. of Periods allotted	
			M.C.A	M.Sc(CS)
1	Mrs Ch.Neelima	M-Tech(CSE)	16	04
2	Mr V.Venkateshwarlu	M-Tech(CSE)	16	04
5	T. Rajani	M-Tech	04	04
6	A.Srinivas	M.Sc. (Maths)	04	04
7	V. Prudvi Raj	Ph.D	04	--
8	V. Bapuji	M.C.A	04	04
9	R.Lakshman Naik	M-Tech	04	04

14. Programme-wise Student Teacher Ratio

Courses offered	Teacher Student Ratio
M.C.A	1:20
M.Sc(CS)	1:20
Ph.D.	1:6
Any Other	--



15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

S.NO	Name	Designation	
		Administrative	Technical
01	R.Sudhakar	CCT	
02	M.Yellaiah	Lab Attendant	
03	NME Dainel	Mate	
04	N.Mallaiah		Lab Technician
05	D.Rani	Kamati	
06	B.Bradramma	Kamati	

16. Research thrust areas as recognized by major funding agencies : Nil
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil
18. Inter-institutional collaborative projects and associated grants received
a) National collaboration Nil
b) International collaboration Nil

Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: Nil

19. Research facility / centre with

- state recognition
 - national recognition
 - international recognition
- Nil

20. Special research laboratories sponsored by / created by industry or corporate bodies : Nil

21. Publications:

Name of the Teacher	National / International conferences	National / International workshops	Journals		Impact Factor – range / average	Citation Index	h-index
			National	International			
Dr. B. Manjula	02	04		15	4.95	13	2
Mr. D. Ramesh	--	06		05	2.95		
Dr.B.Rama	04	09	01	10	2.3		
M.Venugopal Reddy			01	07			



22. Details of patents and income generated : Nil

23. Areas of consultancy and income generated : Nil

24. Faculty selected nationally / internationally to visit other laboratories / institutions

- industries in India and abroad : Nil

25. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify) : Nil

26. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Name of the Teacher	Seminar /Conf./ Work-shop attended	National / International	Duration		Venue
			From	To	
Dr. B. Manjula	A Refresher Course on "Free and Open source Software for Embedded Systems Development	National	25-02-2013	16-03-2013	Academic staff college, JNTU Hyderabad
	19th Orientation Course	National	28-02-2011	30-03-2011	Academic staff college, JNTU Hyderabad
	A Refresher Course on Data Warehousing and Data mining	National			NIT ,Warangal
Dr.B.Rama	30 th orientation Course	National	3-09-2012	1-10-2012	Academic Staff College Osmania University, Hyderabad in
	A Refresher Course on Network Security And Cryptography	National	16-09-2013	09-10-2013	Academic staff college, JNTU Hyderabad
Mr. D. Ramesh	98 th Orientation Course	National	17-01-2013	14-02-2013	Academic staff college, Mysore University, Mysore

27. Student projects

- percentage of students who have done in-house projects including inter-departmental projects : 40%
- percentage of students doing projects in collaboration with other universities industry / institute : 20%



28. Awards / recognitions received at the national and international level by

- Faculty : One Best Paper Award in an International Conference
- Doctoral / post doctoral fellows : Nil
- Students: Nil

29. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any.

Sl.No.	Programme	Funding
1	Two day work shop on data mining	UGC
2	Two-Day National level Workshop on “Research Methodologies and Issues in Computer Science and Information Technology”	UGC

30. Code of ethics for research followed by the departments :

As per the UGC Research Regulations

31. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.C.A	Through ICET				
M.Sc (CS)	400	40%	60%	35%	55%

32. Diversity of Students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.C.A	80%	20%	--	--
M.Sc(CS)	90%	10%	--	--

33. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET :	15%
Competitive Examination	
Banks:	30%
Police department:	20%
Postal service:	10%
Software Industries :	20%



34. Student progression

Student progression	Percentage against enrolled
UG to PG	90%
PG to M.Phil.	Nil
PG to Ph.D.	90%
Ph.D. to Post-Doctoral	Nil
Employed	
☐ Campus selection	5%
☐ Other than campus recruitment	60%
Entrepreneurs	

35. Diversity of staff

Percentage of faculty who are graduates	
of the same university	01
from other universities within the State	03
from universities from other States from	--
universities outside the country	--

36. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period :

01

37. Present details of departmental infrastructural facilities with regard to

- Library : 1600 Books
- Internet facilities for staff and students : Yes
- Total number of class rooms : 04
- Class rooms with ICT facility : 04
- Students' laboratories : 03
- Research laboratories : Nil



38. List of doctoral students and Research Associates

S.No	Name of the Research Associates	Outside/within the University	the University
1	Dr. A.VINAY BABU	Outside	5
2	Dr. A.GOVARDHAN	Outside	6
3	Dr.B.Manjula	Within	Nil
4	Dr. B. Rama	Within	Nil

39. Number of post graduate students getting financial assistance from the university: 120

40. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology : No

41. Does the department obtain feedback from

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, utilized for improvement of the Curriculum

Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, to improve the Teaching modes and Teaching Practices

Alumni and employers on the programmes offered and how does the department utilize the feedback?

NO

42. List the distinguished alumni of the department (maximum 10) :

Nil

43. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Training conducted for students on Cloud Computing Awareness by IT Industry.
- Conducted certificate course (Spoken tutorials IIT-Bombay).

44. List the teaching methods adopted by the faculty for different programmes.

- PPTs .
- Interactive Boards.
- Projectors.
- Utilization of internet facilities.



45. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

1. Results of pass percentage in Particular Course
2. Employment of students

46. Highlight the participation of students and faculty in extension activities.

- Training non-computer students in Computer Fundamentals.
- Conducting certificate examinations (Spoken tutorials IIT-Bombay).
- Training N.G.O's of our university in Computer Fundamentals.
- Gardening surroundings of our department.
- Training conducted for students on Cloud Computing Awareness by IT Industry.

47. Participation of Faculty in external Activities:

Name of the Teacher	Subject/theme	Institutions where the lecture is delivered
Dr. B. Rama	Structured Programming Vs Object Oriented Programming	ASM College for Women, Fort Road, Warangal.
Dr. B. Manjula	Computer awareness for the research scholar	Department of English, Kakatiya University, Warangal
Dr. B. Manjula	Developing programming skills through Java and Applet programming in JAVA	ASM College for Women, Fort Road, Warangal.
Dr. B. Manjula	Current trend in programming languages	ABV Govt. Degree and PG College, Jangan, Warangal.
Dr. B. Rama	Applications of Computers in Biology and Bioinformatics	Department of Zoology, KU
Dr. B. Manjula	Emerging Trends in Data Processing	Telangana University, Nizamabad
Dr. B. Rama	Emerging Trends in Data Processing	Telangana University, Nizamabad
Dr. B. Rama	Updation of the Data bases for library students	Department of LIB and Information Sciences, KU

48. Give details of “beyond syllabus scholarly activities” of the department.

- Training non-computer students in Computer Fundamentals.
- Conducting certificate examinations (Spoken tutorials IIT-Bombay).
- Training N.G.O's of our university in Computer Fundamentals.
- Gardening surroundings of our department.
- Training conducted for students on Cloud Computing Awareness by IT Industry.



49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details : --

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied : NIL

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- Young & Dynamic faculty
- Good Internet Facility with WI-FI facility
- E-Class Rooms
- Collaboration with IIT Bombay
- Innovative way of Teaching Methodologies

Weaknesses:

- Lack of Building Infrastructure
- Lack of Research Lab

Opportunities:

- Conduct of Certificate courses
- Developing modules for R & D under student projects
- Improving communicative skills
- Building the confidence among the students to get better employment

52. Future plans of the department.

- Establishment of research laboratories.
- Establishment of 5 Years integrated course in computers.
- Conduction of Alumni Meets.
- Establish of new Building.



EVALUATION REPORT – ECONOMICS DEPARTMENT

1. Name of the Department : DEPARTMENT OF ECONOMICS
2. Year of establishment : 1) University P.G. Centre, Osmania University-1974
2) Department of Economics, Kakatiya University-1976
3. Is the Department part of a School/Faculty of the Social Sciences, University?
YES
4. Names of programmes offered (UG, PG, M.Phil., Ph.D.,etc.)
(1) PG (Economics) (Two Years) (2) UG (Economics) (Three Years)
(3) M.Phil.(Economics) (18 Months) (4) Ph.D.(Economics) (Three/Five Years)
5. Interdisciplinary programmes and departments involved
YES
6. Courses in collaboration with other universities, industries, foreign institutions, etc –
Nil
7. Details of programmes discontinued, if any, with reasons - Nil –
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
UG – (Annual/Semester), PG – Semester wise/CBCS
9. Participation of the department in the courses offered by other departments
YES, Engineering, M.Com., & Law
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Designation	Sanctioned	Filled	Actual (CAS/MPS)
Professor		08	08
Asso. Professors		--	--
Asst. Professors		--	--
Others		--	--



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialisation	No. of Years Experience	Number of Ph.D / M.Phil scholars guided for the last 5 Years	
					Ph.D	M.Phil
Dr. G. Bhaskar	M.A., M.Phil., Ph.D	Professor	Development Economics	27	05	02
Dr. C.Renuka	M.A., Ph.D	Professor	Agriculture Economics	25	02	02
Dr.K.Manuja Devi	M.A., Ph.D	Professor	Agriculture Economics	25	03	02
Dr.B.Suresh Lal	M.A., M.Phil., Ph.D	Associate Professor	Development Economics	21	02	02
Dr.D.Swarupa Rani	M.A., Ph.D	Assistant Professor	Agricultural Economics,	20	-	-
Dr.S.Vidya Sagar	M.A., M.Phil., Ph.D	Contractual	Rural Development	05	-	-
Dr.A.Samba Siva Rao	M.A., M.Phil., Ph.D, TS-SET	Contractual	Development Economics	05	-	-
Dr.S.Rajesh	M.A., Ph.D	Contractual	Agriculture Economics	05	-	-
Dr.B.Veeraiah	M.A., Ph.D	Part-time	Agriculture Economics	05	-	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professor:

Two

13. Percentage of classes taken by temporary faculty – programme-wise information:

PG- 50% Temporary, UG -50% Temporary

14. Programme-wise teacher-student ratio with regard to:

Post Graduation Represents 1:9;

M.Phil Programme 1:2 and

Ph.D Programme 1:6

Our department has got no technical and administrative staff appointed on permanent basis.

15. Number of academic support staff (technical) and administrative staff sanction filled and Actual: -Nil-



16. Research thrust areas as recognized by major funding agencies:

The thrust areas identified by the department are listed out below.

Department
Agricultural Economics
Labour Economics
Environmental Economics
Rural Development
Tribal Studies & Anthropology
Gender Studies

17. Number of faculty with ongoing projects from a) National b) International funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants Received project-wise. - Nil -

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration - Nil -

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. - Nil -

20. Research facility / centre with

- state recognition - Nil -
- national recognition - Nil -
- international recognition - Nil -

21. Special research laboratories sponsored by / created by industry or corporate bodies - Nil -

22. Publications:

Number of Research Articles published in National Journals:	88
Number of Research Articles published in International Journals:	12
Number of Chapters (Course Material) contributed:	04
Number of Books Published with ISBN Code:	09
(Serial Publications, The Associate Publications & Global Research Publication, New Delhi)	

23. Details of patents and income generated : -Nil-

24. Areas of consultancy and income generated - Nil -

25. Faculty selected nationally / internationally to visit other laboratories / institutions / Industries in India and abroad:

- i) Internationally : 15
 ii) Nationally/ State Level : 15

26. Faculty serving in

- a) National committees : 02 (Two)
 b) International committees : 02 (Two)
 c) Editorial Boards : 15 (Fifteen)
 d) any other : --



27. Faculty recharging strategies (UGC, ASC, Refresher/ Orientation Programmes and Workshops conducted by our department during the last 5 years period are mentioned below:

Eight (08)

28. The students of M.A Economics are involved in conducting Socio-Economic Survey every year in order to give them practical exposure to aware the problems that are being confronted by the rural poor.

29. Our Faculty could get many awards from reputed institutions on national standard as mentioned below:

Name of the Faculty Member	Name of the Award	Year
Dr.B.Suresh Lal	Outstanding Economist Award	2015
Dr.B.Suresh Lal	Global Peace Award	2016

30. The Seminars/Conferences organised by the department in the recent years along with sources of funding are presented below:

Title of the Seminar	Year	Name of the Keynote Addressor	Funding Agency
Socio-Economic Conditions of Tribals in India	2015	Prof. Shankar Chatterjee	UGC
Applications of Quantitative Techniques in Economics	2016	Prof. S. Indrakant	UGC
IC 25 Tears of Economic Reforms in India	2017	Prof.Biswajit Dhar	UGC

31. Code of ethics for research followed by the departments:

It is customary for our department to follow a standard code of ethics in carrying out research viz., perfect evaluation of the topic selected, discipline in collection of data and its analysis, Proper training for the scholars (Ph.D and M.Phil) in terms of research methodology, Application of statistical and mathematical techniques, constructing of questionnaires, Behavioural aspects etc.

32. The following statement clearly presents the student Profile of the Department:

Year	Name of the Programme	Applications Received	Selected		Pass Percentage	
			Male	Female	Male	Female
	P.G. (Regular)	2285	24	13	100	100
	M.Phil (Regular)	78	09	03	100 (Part-I)	100 (Part-I)
	Ph.D (Regular)	110	18	12	100 (Pre-Ph.D)	100 (Pre-Ph.D)



33. The Diversity of Students representing various universities located within the state and also outside the state and country are presented below:

Name of the Programme	% of Students from the same University	% of Students from the other Universities within the State	% of Students from the other Universities outside the State	% of Students from the other Countries
MA Economics	65	35	--	---
M.Phil	85	15		
Ph.D	75	25		
Post Doctoral	100	--		

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

The number of students who could get through NET, SET and other services successfully is presented below:

Name of the Test	Number of Students			
	OC	BC	SC	ST
NET	--	01	01	--
SET	--	05	04	02
CIVIL/ DEFENCE SERVICES (Police)	--	01	--	--

35. The student progression with regard to up-gradation to higher courses and level of employment are mentioned below:

Student Progression	Percentage against enrolled
UG to PG	40
PG to M. Phil	12
PG to Ph. D	25
Ph. D to Post-Doctoral	02
Employed:	-
Campus Selection	08
Other than Campus Recruitment	40
Entrepreneurs	24

36. The diversification of faculty with regard to acquisition of degrees is as follows:

Origin of the University	Percentage
Same University (Kakatiya University)	100
Other Universities within the State	-Nil-
Other Universities outside the State	-Nil-



37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the Assessment period

(1) 16 – Ph.Ds (2) 08 – M.Phils

38. The infrastructural facilities available at present in the department are as under:

Library	:	550 (Books)
Internet Facility to the Staff to the Students	:	YES
Total Number of Class Rooms	:	05
With ICT facility	:	01
Student Laboratories	:	01 (Computer Lab)
Research Laboratories	:	- Nil-

39. The list of doctoral and post-doctoral students and research associates from the host-University is as follows:

- a) Doctoral : 66
- b) Post-doctoral : 02
- 1. Dr. K. Jagajjiiven Rao
- 2. Dr. Harishankar Bonoth

40. Research Associates : - Nil -

41. Five members of post-graduate students are getting merit scholarships from the university.

42. It is customary for our department to take feedback from the students with regard to teaching, Learning and evaluation every year and initiate action accordingly. For the last 5 years the Feedback of the students with regard to these three variables is excellent.

43. List the distinguished alumni of the department (maximum 10) - Nil -

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. - Nil -

45. List the teaching methods adopted by the faculty for different programmes.

- a) Internal Assessment
- b) Classroom Observation
- c) Practicing Micro-Lessons
- d) Project Works
- e) Seminar Presentation
- f) Power-point Presentation for Effective Teaching



46. How does the department ensure that programme objectives are constantly met and learning Outcomes are monitored?

- a) Monthly Meetings are conducted with the Faculty for overall development

47. Highlight the participation of students and faculty in extension activities.

- a) Community Work Participation
- b) Environmental Awareness Programmes
- c) Population Club Activities
- d) Blood Donation Camps
- e) Intel Teach to the Future Programmes
- f) Orientation Programmes on B.Ed. Practicum

48. Give details of “beyond syllabus scholarly activities” of the department.

Nil -

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

- No –

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied: An Alumni Association was formed long back and a meeting was held in 2012 to seek their advice to improve the standards of the department. They interacted with the students and inspired them how they can get elevated to highest positions. They stressed the need for attending classes regularly not only to improve their subject knowledge but also communication skills. The list of alumni containing key personalities is presented below:

1. Mr. Gangadhar	USA (University of Illinois)
2. Mrs. Neeraja	USA
3. Mr. Devi Prasad	World Bank (Washington), USA
4. Mr. Narayana Reddy	University of PUNE
5. Dr. K. Prabhavathi	Director, State Audit, Andhra Pradesh

In order to enrich the knowledge of the students the special lectures are conducted Involving

External experts as mentioned below:

1. Prof. S. Indrakant
2. Prof. Shankar Chatterjee

At present the faculty of our department uses ICT and Power-point Programme to attract the students to learn the subject knowledge visually along with the traditional technique of using black-board. The merit of the students is evaluated in terms of grades and marks secured by them in order to assess to what extent the objectives of various programmes are achieved.



The students and faculty are involved in NSS activities and such other voluntary programmes like Blood Donation, Adult Education, Socio-Economic Survey, Women Empowerment, Ill effects of Alcoholism etc.

51. Detail five major Strengths, Weaknesses, and Opportunities & Challenges (SWOC)

The SWOC of the department is as under:

Strengths: the department is strengthened in five ways viz.,

- i) Possessing Senior Faculty i.e., highly qualified and highly experienced;
- ii) Sound Research Environment;
- iii) Leading Department in Social Sciences;
- iv) Teacher, Student-learner Environment;
- v) Cordial relations between the Staff and Student
- vi) Research Centric Environment

Weaknesses: The main weaknesses are:

- i) Attainment of Superannuation by most of the Senior Faculty Members;
- ii) Lack of faculty

Opportunities and Challenges: The opportunities and challenges to face are:

- i) Chance of becoming small entrepreneurs;
- ii) Establishment of NGOs to serve the community;
- iii) Self-sustainment;
- iv) Facing ever-increasing global competition;
- v) Paucity of Funds from Funding Agencies;

52. Future Plans of the Department:

The department is enunciating to adopt the following steps to improve its academic standards.

1. Development of infrastructure;
2. Introduction of Employment Oriented and Skill Development Courses;
3. Recruitment of highly efficient Teaching and Non-teaching staff;
4. Establishment of Placement Cell; and
5. Introduce of MSc Health Economic to cater the needs of rural people after completing the course.



EVALUATIVE REPORT - EDUCATION DEPARTMENT

1. Name of the Department : DEPARTMENT OF EDUCATION
UNIVERSITY COLLEGE OF EDUCATION
2. Year of establishment : Dept-1984; UCOE-1996
3. Is the Department part of a School/Faculty of the university? YES
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
(1) PG – M.Ed. (2) UG – B.Ed.
(3) M.Phil.(Education) (4) Ph.D.(Education)
5. Interdisciplinary programmes and departments involved
(1) SDLCE (DM) M.Ed. Programme Centre
6. Courses in collaboration with other universities, industries, foreign institutions, etc
(1) M.Ed. – Programme Study Centre, Dr.BRAOU, Hyderabad
7. Details of programmes discontinued, if any, with reasons - Nil –
8. Examination System: Semester-wise/Choice Based Credit System: on the bases of NCTE guidelines

UG – (B.Ed). Semester-wise CBCS, PG – (M.Ed). Semester-wise CBCS.
9. Participation of the department in the courses offered by other departments - Nil -
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	1	---	2
Associate Professor	1	---	---
Assistant Professor	2 + 1	3	1
Other	---	---	---



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

No.	Name	Designation	Qualifications	Areas of Specialization
1.	Prof. S. Mahender Reddy	Professor & Dean, Faculty of Education	M.Sc. (Mathematics) M.Ed., PGDCMP M.Phil. (Education) Ph.D. (Education)	→ Mathematics Education → Educational Evaluation → Computer Education
2.	Prof. D. Rajendra Prasad	Professor & Chairperson, BOS in Edn.	M.Sc. (Chemistry) M.Ed. M.Phil. (Education) Ph.D. (Education)	→ Science Education → Distance Education
3.	Dr.R. Vijayalatha	Assistant Professor	M.Sc. (Micro-Biology) M.Ed.,UGC.NET M.Sc. (Psychology) M.Phil. (Education) Ph.D.(Education)	→ Psychological Perspectives of Education → Curriculum Development → Special Education

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors - One -

No.	Name	Designation	Qualifications	Areas of Specialization
4.	Prof. N. Ramnath Kishan	Emeritus Professor	M.A.(Economics) M.Ed. M.Sc.(Psychology) M.Phil. (Education) Ph.D. (Economics) Ph.D. (Education)	→ Economics of Education → Educational Psychology

13. Percentage of classes taken by temporary faculty – programme-wise information

B.Ed. (SFC) – 100% temporary
M.Ed. – 0% temporary

14. Programme-wise Student Teacher Ratio

(1) M.Ed. - 10:1 (2) B.Ed. - 13:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Superintendent -1; Junior Assistant-1; Office Subordinate-1; Kamati-1.

16. Research thrust areas as recognized by major funding agencies - Nil -

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.
Nil –



18. Inter-institutional collaborative projects and associated grants received
- a) National collaboration b) International collaboration - Nil –
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. - Nil –
20. Research facility / centre with
- state recognition - Nil -
 - national recognition - Nil -
 - international recognition - Nil –
21. Special research laboratories sponsored by / created by industry or corporate bodies
22. Publications:
- Number of papers published in peer reviewed journals (national / international) -29
 - Monographs
 - Chapters in Books - 15
 - Edited Books - 05
 - Books with ISBN with details of publishers - 08
 - Number listed in International Database (For e.g. Web of Science, Scopus, No
 - Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - Citation Index – range / average
 - SNIP
 - SJR
 - Impact Factor – range / average
 - h-index
23. Details of patents and income generated
- (1) M.Ed. (Regular) – Rs.3.68 lakhs per annum
- (2) B.Ed.(SFC) – Rs.14.19 lakhs per annum
24. Areas of consultancy and income generated - Nil -
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad
- (1) Prof. N. Ramnath Kishan – Attended International Conference at Chicago, USA
- (2) Prof. S. Mahender Reddy – Pursued Ph.D. at University of London, UK
Attended International Conference at London, UK.
- (3) Prof. D. Rajendra Prasad – Attended International Conference at Texas, USA
- (4) Dr. R. Vijayalatha – Attended International Seminar at Kodaikanal, India.



26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other

- 1) Prof. N. Ramnath Kishan– NAAC Peer VT Member & SRC-NCTE Visiting Team Member
- 2) Prof. S. Mahender Reddy – NAAC Peer Team Member, VT Member NCTE, New Delhi,
Editorial Board Member, i-manager Publications for Journal of Psychology in Education & Member, GERA, Punjab, India.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

“Two Day Orientation-Cum-Workshop on B.Ed. Two Years Curriculum-2015” on 11th & 12th January, 2016.

28. Student projects

- School visit submission of the Report (B.Ed.)
- Class room teaching observation submission of the Report (B.Ed.)
- Class room teaching submission of the Report (M.Ed.)

29. Awards / recognitions received at the national and international level by

• Faculty	- Nil -
• Doctoral / Post-Doctoral Fellows	25/2
• Students	2-JRF/ 4-RGNF

30. Seminars/Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- 1) TSCHE sponsored National Seminar on “Reflection on Two Years B.Ed. Curriculum : Suggestive Models” was organized on 28th & 29th November, 2015.

31. Code of ethics for research followed by the departments

- Entrance Examination conducted by the University.
- Admissions are taken based on Merit.
- Topic of the research is finalized in the board consisting of external subject experts.
- Daily attendance of Research scholars & PDFs.
- Engaged in regular class room teaching for B.Ed. & M.Ed.
- Two Seminars presentation by the research scholars for the submissions of the thesis.
- Open viva-voce before award of Ph.D. degree.
- Plagiarism check is done before submission of the thesis.



32. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Ed. (Master of Education)	---	26	13	55%	45%
B.Ed. (Bachelor of Education)	---	25	70	25%	70%

33. Diversity of Students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students From Universities outside the State	% of students from other countries
M.Ed. (Regular)	75%	25%	-	-
B.Ed. (SFC)	80%	20%	-	-
M.Phil.(Edn)	85%	15%	-	-
Ph.D.(Edn)	85%	10%	-	5%

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

- NET --
- SET --
- Group-II Services --
- DSC --

35. Student progression

Student progression		Percentage against enrolled
UG to PG	- B.Ed. to M.Ed.	85%
PG to M.Phil.	- M.Ed. to M.Phil	70%
PG to Ph.D.	- M.Ed. to M.Phil	20%
Ph.D. to Post-Doctoral		-
Employed		60%
☐	Campus selection	20%
☐	Other than campus recruitment	40%
Entrepreneurs		-

36. Diversity of staff

Percentage of faculty who are graduates of	
the same University	85%
from other universities with the State	15%
from universities from other States from	-
Universities outside the country	-



37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Ph.D. - 1

38. Present details of departmental infrastructural facilities with regard to

a) Library	6257 Books
b) Internet facilities for staff and students	Yes
c) Total number of class rooms	6 (Six)
➤ Class rooms with ICT facility	2 (Two)
➤ Students' laboratories	4 (Four)
➤ Research laboratories	- Nil -

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university
- b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university. -
Nil -

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. -
Nil -

42. Does the department obtain feedback from

- a) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes

- b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes

- c) alumni and employers on the programmes offered and how does the department utilize the feedback?

- Nil -

43. List the distinguished alumni of the department (maximum 10) -
Nil -

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- a) Extension Lecturers on Dram by Dr.Veerawamy, Navodaya Vidyalam, Mamnoor, Warangal.
- b) Extension Lecturers on Arts Education by Dr.A. Venkanna, Kedriya Vidyalam,



Madikonda, Warangal.

- c) Extension Lecturers on Yoga by Sri. V. Ramu, National Awardee, Patanjali Yoga Centre, Warangal.

45. List the teaching methods adopted by the faculty for different programmes.

- g) Internal Assessment conduct of Test & Field Engagement
- h) Classroom Observation
- i) Practicing Micro-Lessons
- j) Project Works
- k) Seminar Presentation
- l) Power-point Presentation for Effective Teaching

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- a) Monthly Meetings are conducted with the Faculty for overall development

47. Highlight the participation of students and faculty in extension activities.

- a) Community Work Participation
- b) Environmental Awareness Programmes
- c) Population Club Activities
- d) Blood Donation Camps
- e) Intel Teach to the Future Programmes
- f) Orientation Programmes on B.Ed. Practicum

48. Give details of “beyond syllabus scholarly activities” of the department.

- a) Constitution Day
- b) Voter Day
- c) Teachers Day
- d) Mathematics Day
- e) Sciences Exhibitions
- f) Yoga Day

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

No -

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- 1. Curriculum designed for B.Ed. & M.Ed. Programmes based on NCTE Frame Work.
- 2. Involved in literacy awareness and functionally of manners in the village's design of the syllabus as compulsory ad add on courses for involving students in Rural Development.
- 3. Organized Refresher Courses, Orientation Programmes, Workshops & Seminars.



51. Detail five major Strengths, Weaknesses, Opportunities & Challenges (SWOC)

Strengths:

- Positive student-teacher interaction and good discipline
- Good results and negligible dropout rate
- Good building and infrastructure facilities

Weakness:

- Expertise in consultancy and outside linkages not developed.
- No mechanism to reward and motivate staff for good performance
- ICT based teaching learning is not properly introduced in classrooms
- Research culture to be initiated
- Lack of quality enhancement mechanism and professional development of teachers.

Opportunities:

- Designing perspective plan for future development.
- Digitalizing library and enhancing facilities
- Use of ICT in a big way.

Challenges:

- Opportunity to develop a research cell.
- Keeping pace with latest development and global needs.
- Sustaining quality assurance practices.
- Taking competition from similar institutions
- Scope for exchange programmes.
- Make use of alumni and other stakeholders.

52. Future plans of the department.

- a) Planning to develop Educational Technology & Computer Assisted Learning.
- b) To establish Language Laboratory and Psychology Laboratory.
- c) To Skill Development Programmes undertake.
- d) To encourage students and faculty to undertake research projects.



EVALUATIVE REPORT DEPARTMENT OF ENGLISH

1. Name of the Department : ENGLISH
2. Year of establishment : 1967
3. Is the Department part of a Faculty of the university? : Yes
4. Names of programmes offered: MA, M. Phil, Ph. D.
5. Interdisciplinary programmes and departments involved : Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc. :
Nil
7. Details of programmes discontinued, if any, with reasons :
Nil
8. Examination System:
Semester system
9. Participation of the department in the courses offered by other departments:
 - a) As part of the CBCS students opt for open electives offered by other departments like History, Computer Science, Public Admn, Political Science, Journalism etc.
 - b) The Department offers Remedial Programmes in Communication Skills to students of other departments.
 - c) As part of the CBCS the Department of English offers Academic Writing in II Semester and Society and Films in IV Semester for students of other departments.
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	-----	4	4
Associate Professors	-----	-----	2
Asst. Professors	-----	-----	-----
Others			

Prof. M. Rajagopalachary who retired from service in 2013 was awarded Emeritus Fellow by the UGC in 2015.



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name of the Teacher	Designation	Highest Qualification	Specialization	No. of Years Experience	M.Phil. students Guided for the last 7 years
Dr. G. Damodar	Professor	Ph.D., M. Phil PGDTE	ELT, IWE, AL, Translation	36	5+1
Dr. M. Rajeshwar	Professor	Ph.D. M. Phil	Ind.Lit. in Eng. Translation. Lit, Criticism, Post Colonial Literatures	26	4+ 1
Dr.V. Srinivas	Professor	Ph.D. M. Phil	ELT, Indian Literatures in English, AL	26	8+1
Mr.K.Damodar Rao	Associate Professor	M. Phil	Postcolonial Literatures, Regional Literatures in English Translation studies	26	5 M. Phil
Dr.S. Latha	Professor	Ph.D. M. Phil	IWE, Lit. Criticism, Women's writing	25	2+1
Dr.K. Purushotham	Professor	Ph.D. M. Phil PGDTE	ELT, Postcolonial Literatures, Regional Literatures in English Translation	25	12+1

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

UGC Visiting Professor Prof.M. Asaduddin of Jamia Millia, Delhi, gave a series of lectures in November, 2015.

13. Percentage of classes taken by temporary faculty programme Information -

Nil-

14. Programme wise student Ratio:

M.A. 1:10

M.Phil. 1: 2

Ph. D 1: 8

15. Number of academic support staff (technical) Nil
Administrative staff sanctioned 2

16. Research thrust areas as recognized by major funding agencies:

1. ELT
2. Indian Writing in English
3. Postcolonial Literature
4. Dalit Literature



17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

2011-2016

Sl.No.	Funding Agencies	Project Title	Grant Received
1	UGC	Dalits in Recent Indian English Novel:	8,72,500=00
2	ICSSR	Anit-Colonial Dalit writing: A literary perspective	20,000,00=00
3.	UGC	The Pedagogy of the Tribes: Towards Designing Course Material for Tribal Students	4, 00, 000=00

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration: ICSSR b) International collaboration: Nil

19. Departmental projects funded by UGC-SAP total grants received: 26 Lakh for four years

20. Research facility / centre with

- state recognition: Yes
- national recognition: Yes
- International recognition: Yes

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil

Publications

PROF. G. DAMODAR

Books

1. English Phonetics (for PG Students) (Warangal: SDLCE, KU, 2013)
2. English Language Teaching (for M.A. students) (Hyd: PST University, 2010)
3. Communication Skills (for UG Students) (Warangal: SDLCE, KU, 2009)

Articles

1. "Bhakti and Religious Pluralism in S. Radhakrishnan's Works." Bhakti Movement and Literature. Eds. M. Rajagopalachari and K. Damodar Rao. Jaipur: Rawat Books, 2016. 147-161.
2. "Savitri: A Spiritual Quest" (with B. Geetha Devi) Bhakti Movement and Literature. Eds. M. Rajagopalachari and K. Damodar Rao. Jaipur: Rawat Books, 2016. 170-178.



3. Dogged Determination in Helen Keller's My Story" (with Sudhakar) Kakatiya Journal of English Studies. (ISSN 0971-8877) 35 (2016): 38-43. Henceforth KJES.
4. "Synchronous Communication in English," (with Kalyan). Mapping English: Recent Studies in Language and Literature (An Anthology Presented to Prof T. Vinoda) Ed. K. Damodar Rao. New Delhi: AuthorsPress, 2016. 88-105.
5. "Awakening Higher Consciousness: Haikus on the Philosophy of Aurobindo," (with B. Geetha Devi) KJES 34 (2015): 18 - 26.
6. "Group Activities for Soft Skills in English" in the Festschrift to Prof C. Visweshwara Rao,
Vikramsimhapuri University, Nellore.
7. "Endless Enlightened Light: Haikus based on Sri Aurobindo's Philosophy." Akanksha, Sri
Aurobindo Society, Hanamkonda Branch, (Dec 2014) 97-103.
8. "Journey from Tradition to Modernity," KJES, 33 (2014): 17 - 23. Reprinted in
Festschrift
of Prof M. Rajagopalachary titled Flowering of Indian English Literature: New Dimensions (Ed. B. Krishnaiah) Delhi & Sydney: Prestige Books International, 2014,
237-249.
9. "Teaching Listening Skills in Second Language Classrooms" (with K. Jagan Mohan Rao),
ANU Journal of Humanities, Vol. III. No. 1 & 2 (June–December 2011). ISSN 0975-9557, pp. 29–38.
10. "An Agenda for Large Classes," Kakatiya Journal of English Studies, (ISSN 0971-8877)
32 (2013): 69 - 80.
11. "Theatrical Tasks for Teaching English" Forum for Musings, the JNTU Journal of English
Studies, ISSN 2231-0266, Vol VI, No. II (September 2012) 01-15.
12. "Dynamics of Multiculturalism," KJES, 31 (2012): 1-10.
13. "Mysticism and Spiritual Vision in Sri Aurobindo," (with B. Geetha Devi), KJES 31
(2012): 96-102.
14. "Indian Women Writing in English: A Feminist Perspective," KJES 31 (2012): 107 - 111.
(with Mojtaba Rezaei)
15. "Rise of Humanism," KJES, 31 (2012): 96 - 102. (with R. Manjula)
16. "Modern Feminist: In Search of New Paradigms," KJES 30 (2011): 31 - 42.
17. "The Image of Traditional Indian Woman in Tagore's Binodini," KJES 30 (2011): 81-86.
(with R. Manjula)
18. "Teaching with Technology," Journal of English Studies, Gulbarga (July 2011) 73-79
19. "Culture as an Anti-colonial Tool in Kanthapura." KJES 29 (2010): 56-60. 7
20. "Using Authentic Material for Instruction at Secondary Level in Government Schools," in
the Festschrift to Prof JPN Reddy, AU, Ed. Poli Reddy, Delhi: Mangalam Publishers,
2011, 336-348.
21. "ELT: Synchronous Communication in English," Dialog No.18 (Spring 2010), Punjab University, ISSN 0973-4881, 80-93.
22. "Neo-colonial Perspectives on Linguistics." KJES 28 (2009): 6-12.



PROF. M. RAJESHWAR

PUBLICATIONS

Books Edited

1. Editor, *The Male Empire Under the Female Gaze: The British Raj and the Memsahib*. (Amherst, NY: Cambria Press, 2013). Joint ed. Susmita Roye (Delaware State University, USA).
2. Chief Editor, *The Spirit and Works of K.S. Vass* (Hyderabad: New Art Wave, 2016).

Articles (Published Abroad)

1. “‘Honour’ Killings and the Dalits in Fiction and Films: Arundhati Roy’s *The God of Small Things* and Priyadarshan’s *Aakrosh*,” *Exemplar* 1.2 (Fall 2012): 84-90. (USA)
2. “Victorian Morality and its Victims: Oscar Wilde and his Characters in *An Ideal Husband*,” *International Journal of English and Literature* 3.1 (Mar. 2013): 117-22. (Singapore)
3. “(Re)Viewing the Gaze,” *The Male Empire Under the Female Gaze: The British Raj and the Memsahib*, ed. Susmita Roye and Rajeshwar Mittapalli (Amherst, NY: Cambria Press, 2013) 1-28. Co-authored by Susmita Roye (USA)
4. “Lexical Borrowing as a Survival Strategy of Indian Regional Languages: Arabic-Persian-Urdu Loan Words in the Coastal Dialect of Telugu,” *Proceedings of International Conference on Languages 2013*, ed. Awang Lanui et al (Phuket, Thailand: Prince of Songkla University & UNISZA, 2014) 4-12. PDF file. (Thailand)
5. “[English and Telugu Lexicons: Parallel Trajectories](http://eemaata.com/em/issues/201609/9245.html), EEMAATA, online bi-monthly (Sep. 2016), <<http://eemaata.com/em/issues/201609/9245.html>>. (USA)

Articles (Published in India)

1. “Reading Literature for Comprehension & Communication,” *Journal of the Odisha Association for English Studies* 2.1 (2012): 42-48.
2. “Telangana Telugu and American English: The Classical Touch,” *The Idea of Telangana* (Warangal: Association of Kakatiya University Teachers [AKUT], 2013) 22-34.
3. “Bhakti Literature and Recent Indian Fiction: The Politics and Poetics of Protest,” *Journal of the Odisha Association for English Studies* 3.1 (2013): 25-38.
4. “Text and the Social Context: Critical Realism in Vasireddy Sita Devi’s *Man of the Soil*,” *Journal of the Odisha Association for English Studies* 4.1 (2014): 32-48.
5. Viswanatha Satyanarayana’s *Thousand Hoods: A Requiem to the Bygone Era*,” *KJES* 33 (2014): 30-45.
6. “Oscar Wilde as a Decadent: *Salomé* and *The Picture of Dorian Gray*,” *KJES* 33 (2014): 150-57.
7. “Persian Contribution to Indian Multiculturalism: Focus on Parsi Fiction,” *Flowering of Indian English Literature: New Dimensions*, ed. B. Krishnaiah (New Delhi: Prestige, 2014) 59-70. A Festschrift for Professor M. Rajagopalachary.
8. “Wild[e]ly Comic and Bitterly Critical: Four Dark Comedies of Oscar Wilde,” *Research Scholar* 2.2 (May 2014): 511-20.
9. “Indian Attitude towards English: Implications for ELT,” *Strengthening English Language and Learning: Issues and Challenges*, ed. T.S. Praveen Kumar (New Delhi: Excel India Publishers, 2014) 3-8.



10. "Globalization, Indian Fiction in English and Regional Literatures," Orientation Matters: Studies in Transcultural Studies, ed. T. Sai Chandra Mouli (Jaipur: Book Enclave, 2014) 170-79.
11. "English, Indian Culture and Identity: Issues and Debates," English Language Teaching in India: Issues, Debates and Strategies, ed. K.K. Sunalini (New Delhi: Authorspress, 2014) 11-33.
12. "More Sinned against than Sinning: The 'Fallen' Woman in Oscar Wilde's Lady Windermere's Fan," Galaxy: International Multidisciplinary Research Journal 3.4 (July 2014): 146-57.
13. "The Sin and the Son: Oscar Wilde's A Woman of No Importance as a Feminist Play," Langlit: An International Peer-Reviewed Open Access Journal 1.1 (Aug. 2014): 62-70.
14. "All in the Gutter: The Politics of Corruption and Compromise in Oscar Wilde's An Ideal Husband," Journal of the Odisha Association for English Studies 5.1 (2015): 33-51.
15. "Critiquing the fin-de-siècle Victorian Society: Realism in Oscar Wilde's Plays," KJES 34 (2015): 27-31.
16. "Reading Beyond the Text: Intertextuality in Arundhati Roy's The God of Small Things," Virtuoso 4.2 (Feb. 2015): 42-48.
17. "English Language and Indian Society: Love-Hate Relationship," Proceedings of National Seminar on Language, Society and other Issues with Special Reference to English, 20-21 Sept. 2013, ed. S. Sailaja Jhansi (Indore: International E-Publication, 2015) 1-10. PDF file.
18. "Intercultural Competence and the Teaching of Indian Fiction in English: Arundhati Roy's The God of Small Things," The IUP Journal of English Studies 10.4 (Dec. 2015): 37-47.
19. "English as an Agent of Change in India," KJES 35 (2016): 56-63.

PROF. V. SRINIVAS

1. "Indian Mythological Perspective: A Study about William Butler Yeats and Thomas Stearns Eliot". Journal of Advances and Scholarly Researches in Allied Education. ISSN 2230-7540. Vol.VI, Issue XII (October-2013). Print.
2. "West meets the East: A Study of Roswitha Joshi's Indian Dreams". The Commonwealth Review. ISSN 0974-0473. Vol. XXIII No.1 (February 2014). Print.
3. "The Marginalized: Women in the Short Fiction of Shashi Deshpande". Kakatiya Journal of English Studies, Vol. 33 (2014): 46-50. ISBN 0971-8877. Print.
4. "Teaching Grammar in a Large Class at +2 Level" Mapping English: Recent Studies in Language and Literature. New Delhi: AuthorsPress: 2016. 106-120. ISBN 978-93-5207-172-2. Print.
5. "Acuminating Abilities of Communication Using Gender Theories in Computer-Supported Class". Kakatiya Journal of English Studies, 35 (2016): 64-69. ISBN 0971-8877. Print.

Text Books Edited

1. Editor, Intermediate First Year Textbook, INTERactive English published by the Telangana Board of Intermediate Education, Govt. of Telangana, 2016
1. Editor, Textbook for UG students of Kakatiya University, Warangal and Satavahana



University, Karimnagar entitled English for Enrichment published by the Oxford UP, 2016

PROF. S. LATHA

Journal Edited

1. Kakatiya Journal of English Studies Vol. 32 (2013)

Articles

1. "Re-viewing Colonial Agenda in Amitav Ghosh's Sea of Poppies." Kakatiya Journal of English Studies 29 (2010) 146-51. Print.
2. "Reconfiguration in Amitav Ghosh's Sea of Poppies: An Exploration." Kakatiya Journal of English Studies 32 (2013). 1-8. Print.
3. "Modern Indian Sensibility in Amitav Ghosh's Sea of Poppies." Flowering of Indian English Literature: New Dimensions. New Delhi: Prestige Books, 2014. 79-87. Print.
4. "Psychodynamics of Women in Amitav Ghosh's The Hungry Tide." Mapping English: Recent Studies in Language and Literature (Reprint). Ed. K. Damodar Rao. New Delhi: AuthorsPress, 2016. 263-73. Print.

PROF. K. PURUSHOTHAM

BOOKS

1. The Oxford India Anthology of Telugu Dalit Writing, co-ed. New Delhi: OUP, 2016. ISBN 0-19-946062-0.
2. Interrogating the Canon: Literature and Pedagogy of Dalits. Delhi: Kalpaaz Publications, 2015. ISBN: 9789351281641.
3. English for Fluency. Hyderabad: Orient BlackSwan, 2013. ISBN: 978 81 250 5224.
4. English for Employability. Hyderabad: Orient BlackSwan, 2014. ISBN: 978 81 250 5560.
5. Black Lilies: Telugu Dalit Poetry, Ed. and Trans. New Delhi: Critical Quest, 2013. ISBN: 978 81 89524 91 3. Print.
6. Anthara: Introspection, Ed. and Trans. (Poems of Raamaa Chandramouli). Karimnagar: Sopathi Publications, 2013. ISBN: 978 81 922056 9 4. Print.

ARTICLES

1. "Prosifying Poesy: A Dalit Critique of Modernization of Telugu." Economic and Political Weekly. Vol. XLIX: No 6 (Feb 8, 2014): 39-43. Also published in South India Journal of Social Sciences. Vol. IX No. 2 (December 2011): 40-48. ISSN 0972 8945, a peer reviewed journal. Print.
2. "Speakerly Text: Caste, Language and Dalit Writing." Creative Forum. Special Issue on 'Dalit Aesthetics: Alternative Literary Strategies.' Vol. 26 No. 1 (Jan-Jun 2013), ISSN 0975 - 6396: 107-116. Also published earlier in Kakatiya Journal of English Studies. Vol. 32 (2013): 16-26. ISSN 0971-8877. Print.
3. "'Imagined Dalitness': Manu Joseph's Serious Men." Literary Vibes. Vol. IV: No. 1 (Jan 2015): 1-8. ISSN: 2320-6896. Print.



4. "Sans Agency: The Untouchable Protagonists of Indian English Novels." Kakatiya Journal of English Studies. Vol. 34 (2015): 39-52. ISSN 0971-8877. Print.
5. "Telugu Dalit Short Fiction: Shift from Elite to Mud-House Narrative." Contemporary Issues in Language and Literature. Vol. 2: No 3 (2012): 59-72. ISSN No 2249-9792, a peer reviewed journal. Print. Also published in Indraprastha. Vol. III (2014): 92-98.
6. "Telugu Criticism and Theory: A Bibliography." Kakatiya Journal of English Studies. Vol. 33 (2014): 138-149. ISSN 0971-8877. Print.
7. "Life to Language." Ed & Trans. B. Indira. Asampoorna: The Incomplete. New Delhi: Partridge, 2015: 7-10. ISBN 978 – 1 – 4828 – 4427 – 6. Print.
8. "Does Shit Smell when Written: Narrating Faeces." Kakatiya Journal of English Studies. Vol. 33 (2014): 51-61. ISSN 0971-8877. Print.
9. "Telugu Research in English: A Bibliographic Survey." Kakatiya Journal of English Studies. Vol. 32 (2013): 104-26. ISSN 0971-8877. Print.
10. "The Problematic of Telugu Dalit Writing." Voice of Dalit. Vol. 5: No 2 (July-Dec 2012): 163-71. ISSN No. 0974-3545; e-ISSN No. 0976-3929, a peer reviewed journal. Print.
11. "Love, Betrayal, Deceit: Deshpande's In the Country of Deceit." SVU Journal of English Studies. Vol. 11 (June 2012): 9-13. ISSN 2230-7923. Print.
12. "The Rise of Telugu Novel: A Dalit Critique." Kakatiya Journal of English Studies. Vol. 31 (2012): 64-74. ISSN 0971-8877. Print.
13. "C.P. Brown and Telugu Renaissance." Triveni. Vol. 81 No. 1 (Jan-Mar 2012): 12-14. Print.
14. "Gendering Caste: Emergence of Dalit Feminism." Kakatiya Journal of English Studies. Vol. 30 (2011): 43-48. ISSN 0971-8877. Print.
15. "Two Sari-Ends in Two Telugu Poems: An Anti-Generic Critique of Feminism." Kakatiya Journal of English Studies. Vol. 30 (2011): 114-23. ISSN 0971-8877. Print.

Forewords/Introductions

16. "Introduction" (with Gita Ramaswamy and Gogu Shyamala). The Oxford India Anthology of Telugu Dalit Writing. New Delhi: OUP India. ISBN 0-19-946062-0. Print.
17. "Introduction." Interrogating the Canon: Language and Literature of Dalits. Delhi: Kalpaaz Publications, 2015. ISBN: 9789351281641. Print.
18. "Introduction." Creative Forum. Special Issue on Dalit Aesthetics: Alternative Literary Strategies. Vol. 26 No. 1 (Jan-Jun 2013), ISSN 0975 - 6396: 7-12. Print.
19. "Introduction." Black Lilies: Telugu Dalit Poetry. Ed. K. Purushotham. New Delhi: New Delhi, 2013: 1-7. ISBN: 978-81-89524-91-3. Print.
20. "Foreword." Dalits and Social Marginalisation. Ed. J. Bheemaiah. Jaipur: Avishkar Publishers, 2012: i-viii. Print.
21. "Foreword." Strengthening English Language and Learning: Issues and Challenges. New Delhi: XL India Publishers, 2014. Print.
22. "Preface." English for Fluency. Hyderabad: Orient BlackSwan, 2013. ISBN: 978 81 250 5224. Print.
23. "Preface." English for Employability. Hyderabad: Orient BlackSwan, 2014. ISBN: 978 81 250 5560. Print.
24. "Preface." Interrogating the Canon: Language and Literature of Dalits. Delhi: Kalpaaz Publications, 2015. ISBN: 9789351281641. Print.



Chapters/Seminar Proceedings

25. "The Global and the Local: ESL Pedagogy for the Adivasis." Ed. K. Damodar Rao. Mapping English: Recent Studies in Language and Literature. New Delhi: AuthorsPress, 2016. Print.
26. "Movement Literature in Telugu: A Dalit Critique." Dalit Movements and Literature. Ed. B. Krishnaiah. New Delhi: Prestige, 2011: 123-37. ISBN 978-81-922089-6-1. Print.
27. "Social Movements and Identity Formation: A Study in Historical Outline." Dalit Movements and Literature. Ed. B. Krishnaiah. New Delhi: Prestige, 2011: 58-66. ISBN 978-81-922089-6-1. Print.
28. "Centering the Margins: Vemula Yellaiah's Kakka." Dalits and Social Marginalisation. Ed. J. Bheemaiah. Jaipur: Avishkar Publishers, 2012: 1-9. Print.
29. "Telangana, Land, Dalits: A Literary Perspective." The Idea of Telangana. Ed. Akut, Warangal: Akut, 2013: 181-94. ISBN: 978-81-926132-0-8. Print.
30. **"Evolution of Telugu Dalit Writing." Ed. M. Dasan & Rajesh Karankal. Counter Cultural Discourse and Dalit Literature. Jaipur: ABD Publishers, 2014: 66-74. Print. (A re-print)**
31. "Telugu Dalit Short Fiction: Shift from Elite to Mud-House Narrative." Ed. D. Pulla Rao. Empowering Marginalised Categories in India: Problems and Prospects. New Delhi: Serials Publications, 2012. Print. (A re-print)
32. "Insurgency as History in Rushdie's Shalimar the Clown." Ed. M. Rajagopalachari and K. Damodar Rao. Postcolonial Indian English Fiction. Jaipur: Rawat Publications, 2016: 100-103. Print. (A re-print)
33. "Our Exit from the Left was the Beginning of Dalit Literature." (interview with Vemula Yellaiah) Ed. J. Bheemaiah. Dalits and Social Marginalisation. Jaipur: Avishkar Publishers, 2012: 201-212. Print. (A re-print)

JOURNALS EDITED

1. Guest Editor, Literary Insight. Vol.06 (Jan 2015), ISSN 0975-6248. Print.
2. Guest Editor, Creative Forum (a special issue on 'Dalit Aesthetics: Alternative Literary Strategies). Vol. 26 No. 1 (Jan-Jun 2013), ISSN 0975 - 6396. Print.
3. Editor, Kakatiya Journal of English Studies. Vol. 34 (2015). ISSN 0971-8877. Print.
4. Editor, Kakatiya Journal of English Studies. Vol. 33 (2014). ISSN 0971-8877. Print

K. DAMODAR RAO

Books Edited

1. Bhakti Movement and Literature: Re-forming a Tradition. (Edited with M.Rajagopalachary). Jaipur: Rawat, 2016. ISBN 978-81-316-0812-8. Print.
2. Multiculturalism in Indian Tradition and Literature. (Edited with M. Rajagopalachary) New Delhi: Atlantic Publishers, 2016. ISBN 978-81-269-2112-6. Print.
3. Mapping English: Recent Studies in Language and Literature: A Festschrift to Prof. T. Vinoda. Ed. New Delhi: AuthorsPress, 2016. ISBN 978-93-5207-172-2. Print.
4. Postcolonial Indian English Fiction: Decentering the Nation. (Edited with M. Rajagopalachary) Jaipur: Rawat Publications, 2016. ISBN 978-81-316-0758-9.



Print

Text Books

5. English for Enrichment (For UG students). Ed. New Delhi: Oxford UP, 2016
6. INTERActive English (for Intermediate Students). Ed. Hyderabad: Telugu Academy, 2016

Course Material Edited

7. Seventeenth and Eighteenth Century Literature. Ed. Warangal: SDLCE, 2014. Print.

Translated Books

8. Ocean is My Name (Translation of Seshendra's long poem). Hyderabad: Gunturu Seshendra Sharma Memorial Trust, 2014.
9. Ode to Frontline Formations: An Anthology of Telangana Movement Poetry 2000-2011 Ed. Hyderabad: Telangana Sahiti Samakhya, 2013. ISBN 978-81-926132-2. Print.
10. Flames and the Man (Translation of Dr. C. Narayana Reddy's Sahitya Akademi Award winning poetry collection, Mantalu—Maanavudu). New Delhi: Sahitya Akademi, 2012.
11. Scent of the Soil: Selections from Telangana Kavitha 2006-2010. Ed. Hyderabad: Telangana Books, 2012.
12. Pride of Place: An Anthology of Telugu Poetry 1981-2000. Translated and edited. Hyderabad: Palapitta Publications, 2011. ISBN 81-7525-022-4. Print.

Journals Edited

1. Editor, Kakatiya Journal of English Studies Vol. 35. 2016. ISSN 0971-8877. Print
2. Associate Editor, Kakatiya Journal of English Studies Vol. 31. 2012. ISSN 0971-8877. Print
3. Associate Editor, Kakatiya Journal of English Studies Vol. 30. 2011. ISSN 0971-8877. Print

Articles

1. "Subalterns and Superstitions: A Study of Mahasweta Devi's 'Bayen.'" *Virtuoso*. 5. 1 & 2 (February 2016). 68-79.
 2. "Introduction." *Bhakti Movement and Literature: Re-forming a Tradition*. Jaipur: Rawat, 2016. 1-8. ISBN 978-81-316-0812-8. Print.
 3. "Devi Bhakti in Indian Tradition: Contextualising the Translation of Bhoomaiah's Brilliance Jewelled Swan." *Bhakti Movement and Literature: Re-forming a Tradition*. Jaipur: Rawat, 2016. 66-74. ISBN 978-81-316-0812-8. Print.
 5. "Multiculturalism in Indian Tradition." *Bharatiya Prajna* (Online journal). 1. 1 (2016).
 - 6.
 5. "Introduction." *Postcolonial Indian English Fiction: De-centering the Nation*. Jaipur: Rawat, 2016. 1-20. ISBN 978-81-316-0758-9. Print.
- Reprinted a modified version as "Indian English Fiction as a Postcolonial-Postmodern



- Narrative.” Kakatiya Journal of English Studies 35 (2016). 33-42. ISSN 0971-8877. Print.
6. “Nuanced Search in Mahasweta Devi’s Mother of 1084.” Kakatiya Journal of English Studies 35 (2016) 107-111. ISSN 0971-8877. Print.
 7. “The Maternal Element and the Challenge of Change in Mahasweta Devi’s ‘Breast-Giver.’”
Kakatiya Journal of English Studies 34 (2015). 53-60. ISSN 0971-8877. Print.
Reprinted in Mapping English: Recent Studies in Language and Literature. A Festschrift to
Prof. T. Vinoda. New Delhi: AuthorsPress, 2016. 301-10. ISBN 978-93-5207-172-2. Print.
 8. “A State of Poetry: Contextualizing Telangana Movement and its Voices.” Kakatiya Journal
of English Studies 33 (2014). 62-73.
 9. “Telangana Struggle Poetry and Literature of Combat.” The Idea of Telangana. Warangal: AKUT, 2013. 35-43. ISBN: 978-81-926132-0-8. Print.
 10. “Dynamics of Social Change in Ngugi wa Thiongo’s Matigari” Kakatiya Journal of English Studies 31 (2012). 33-39. ISSN 0971-8877. Print.
Reprinted in Mapping English: Recent Studies in Language and Literature: A Festschrift to
Prof. T. Vinoda. New Delhi: AuthorsPress, 2016. 311-19. ISBN 978-93-5207-172-2. Print.
 11. “The Conundrum of Survival–Support in Rohinton Mistry’s A Fine Balance.”
Kakatiya Journal of English Studies 31 (2012). 142-50.
 12. “Questing the Transient and the Infinite in Vidyarthi’s Poetry.” Addamlo Vidyarthi. Hyderabad: Jayamitra, 2012. 321-25.
 13. “‘matter of fact, yet a fine tapestry’: Narrative Strategies in Mahasweta Devi’s Short Story,
“Dhouli.” Kakatiya Journal of English Studies 30 (2011). 87-97.
Reprinted as “Inventing a Poetics of Suffering and Resistance: Narrative Strategies in Mahasweta Devi’s Story, “Dhouli.” Multiculturalism in Indian Tradition and Literature. New Delhi: Atlantic Publishers, 2016. 144-53. ISBN 978-81-269-2112-6. Print.
 14. “Memoirs as Afsaanas: Life and Times of Ismat Chughtai.” Kakatiya Journal of English Studies 30 (2011). 188-98. ISSN 0971-8877. Print.
Reprinted in Multiculturalism in Indian Tradition and Literature. New Delhi: Atlantic Publishers, 2016. 110-19. ISBN 978-81-269-2112-6. Print.
 15. “Learner-Oriented Teaching: Challenges and Perspectives.” Learner-Centered Teaching
Strategies and Perspectives. Khammam: Dept of English, SR&BGNR, 2011. 57-61.
Reprinted in Reflections on Education Festschrift to A. Parankusham. Warangal, 2014. 17-22.

Translated Stories

1. “After the Sunset” (Bhoopal) Muse India (Online Journal) Nov-Dec, 2015
2. “Realisation” (Madapati Hanumantha Rao) Kakatiya Journal of English Studies. Vol. 35 (2016) 1-9



3. "Wetti Madiga" (Medari Bagaiah) Kakatiya Journal of English Studies. Vol. 35 (2016) 10-11. Reprinted in Muse India (e-journal) Sept-Oct, 2016.
4. "Affection in Ignorance, Animosity in Awareness" (Kaloji Narayana Rao) Kakatiya Journal of English Studies. Vol. 35 (2016) 23-28.

Translated Poems

Scent of the Soil: Selections from Telangana Kavitha 2006-2010. Hyderabad: Telangana Books, 2012. 28 poems: 137-165.

Ode to Frontline Formations: An Anthology of Telangana Movement Poetry 2000-2011. Hyderabad: Telangana Sahitya Samakhya, 2013. 43 poems: 165-208.

Creative Writing

1. "Tilting Scales of Justice." Short Story Published in Muse India e- journal in March-April, 2011. Web.
2. "A Green Story." Indian Literature 272 (November-December 2012). Print.

* Number of papers published in peer reviewed journals (national/ international)
65

* Monographs: Nil

* Chapters in Books

68

Edited Books

18

* Books with ISBN with details of publishers: 12 books were published with ISBN Numbers and by reputed publishers like Cambria Press, Oxford UP, Rawat Publications, Atlantic Books, AuthorsPress, Orient Blackswan etc.

* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

* Citation Index – range/average

Citation Index of K. Damodar Rao in International/National Journals and Books

1. Tembo, Nick Mdika. "History, Religion, and the Dramaturgy of Victimization and Betrayal: Wole Soyinka's Death and the King's Horseman and Ngugi's I Will Marry When I Want. African Cultures and Literatures: A Miscellany. Ed. Gordon Collier. Amsterdam: Rodopi B.V, 2013. 72. Print
2. "In Search of a Story." Indian Texts & Representations: De-stereotyped Perspectives. Germany: LAMBERT Academic Publishing, 2013. 105. Print.
3. "Some Recent Trends in Modern Indian Fiction: A Study of Amitav Ghosh's The Circle of Reason and The Shadow Lines. Thematics. ISSN 0975-8313. 6. 1 (Jan 2015). 218. Web.
4. "Migration and Cultural Diversity in Amitav Ghosh's The Circle of Reason." Literary Quest. ISSN. 2349-5650. 1. 6 (Nov 2014) 37. Web.
5. "Social Realism in The Thousand Faces of Night." Research Scholar. ISSN 230-6101. 2. 1. (Feb 2014). 423. Web.
6. "Migration and Cultural Diversity in Amitav Ghosh's The Circle of Reason." Literary



- Quest. 1. 6 (Nov 2014) 37. ISSN 2349-5650. Web.
7. "The Novels of Amitav Ghosh: A Thematic Study." Research Scholar. 2. 6 (Nov 2014) 604. ISSN 2320-6101.
8. "India's Romance with Monsoon Rains: A Peep into Poetic Expressions and Personal Experiences." The IUP Journal of English Studies. 9. 3 (2014). 73. Print.
9. "Anand's Genuineness and Indigenous Novelists." International Journal of Innovative Research and Development. 2. 13 (Dec 2013). 318. ISSN 2278-0211. Web.
10. "Narrative Techniques used for a Creative Process: A Reading in the Select Novels of Salman Rushdie." International Journal of Multidisciplinary Educational Research. ISSN: 2277-7881. 2. 13 (2) (December 2013). Web.
11. "A Mirror to India." <http://mirrortoindia.wordpress.com/> (July 18, 2013). Web.
12. "Hindu Culture and Way of Life Focused by Githa Hariharan in The Thousand Faces of Night. The Criterion ISSN 0976-8165. 3. 4 (Dec 2012) 5. Web.
13. "Shadows of History in The Shadow Lines." TJELL (The Journal for English Language and Literary Studies. ISSN 2249-216X. 1 (April-June 2011). Print and Online.
14. "Intersecting Identities: Positions and resolutions in Contemporary Telugu Writing." Sambalpur Studies in Literatures and Cultures ISSN: 2231-5616. I (2011) 9. Print.

*SNIP --

Nil

* SJR --	Nil
* Impact Factor – range / average	
* h-index	

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated: Nil

25. Faculty selected nationally / internationally to visit other laboratories/ institutions

industries in India and abroad	2

26. Faculty serving in

b) National committees:	5
c) International committees	Nil
d) Editorial Boards	4
e) Any other (please specify)	Nil

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs:

- a) The Dept organised SIX workshops and training programmes.
- b) The Faculty take part in Refresher and Orientation Programmes as Resource Persons and invited guest speakers



28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects: Nil
- percentage of students doing projects in collaboration with other universities / industry / institute: Nil

29. Awards / recognitions received at the national and international level by

- Faculty 4
- Doctoral/post-doctoral fellows 1
- Students: Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:

- UGC National Seminar on “Gendering Indian Narratives” during March 22-23, 2010
- 3-Day International Conference on “Diversity in New Literatures” during December 16-18, 2010.
- UGC National Seminar under SAP-DRS-I on “Multiculturalism in Indian Literatures” during 19-20 March, 2012.
- UGC National Seminar under SAP DRS-I on “Bhakti Literature and Social Reform” during March 20-21, 2013.
- UGC National Seminar under SAP DRS-I on “Women’s Autobiographies in India: Theory & Practice” during 29-30 March, 2014.
- UGC (SAP-DRS-I) sponsored 3-Day IACLALS National Conference on “Right to Write: The Culture of Literary Controversies and Controversial Literatures” during January 22-24, 2016.

31. Code of ethics for research followed by the department: The dept follows code of ethics

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
PG		35	25	100	100
M.Phil		25	10	100	100
Ph.D.		50	20	-----	----



33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students From Universities outside the State	% of students from other countries
PG	60	40	----	---
M.Phil.	80	20	---	---
Ph.D.	60	15	15	10

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, and other competitive examinations?

SET Qualified: 22; NET: 02

35. Student progression

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	12
PG to Ph.D.	25
Ph.D. to Post-Doctoral	Nil
Employed	
☐ Campus selection	
☐ Other than campus recruitment	30
Entrepreneurs	---

36. Diversity of staff

Percentage of faculty who are graduates of the same university	5
From other universities within the state	1
From universities from state	
From universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:

Nil

38. Present details of departmental infrastructural facilities with regard to

- a) Library :Yes
- b) Internet facilities for staff and students: Yes
- c) Total number of class rooms: 4



- Class rooms with ICT facility: 1
- Students' laboratories: 1
- Research laboratories: Nil

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university Nil
- b) from other institutions/universities Nil

40. Number of post graduate students getting financial assistance from the university:

Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

–Nil–

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes

- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes

- c. alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes

43. List the distinguished alumni of the department (maximum 10)

1. Sri Sirikonda Madhusudhana Chary, Speaker, Telangana Legislative Assembly.
2. Prof V. Gopal Reddy, former Vice-Chancellor, Kakatiya and Palmuru Universities
3. Prof. Sunaina Singh, Vice-Chancellor, EFLU, Hyderabad
4. Prof. D. Venkat Rao, EFLU, Hyderabad
5. Dr. Meena Bhushan, EFLU, Hyderabad.
6. Dr. B. Krishnaiah, University of Hyderabad, Hyderabad.
7. Dr. B. Vijaya, Osmania University, Hyderabad
8. Dr. K. Subhasini, Osmania University, Hyderabad
9. Dr. K. Sridevi, Osmania University, Hyderabad.
10. Dr. M. Koteswar Rao, Krishna University, Machilipatnam



44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.
 1. Remedial Classes in communication skills
 2. Guest Lectures on Language & Literature
 3. Lectures by Retired Professors.
 4. Lectures by Visiting Professors
 5. Meet the Author Programmes.
45. List the teaching methods adopted by the faculty for different programmes.
 1. Interactive Method
 2. Learner Centre Method
 3. Teaching Through PPT
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? Programme objectives are monitored through student feedback and answer scripts
47. Highlight the participation of students and faculty in extension activities.
 - a) All the students participate in Extension activities like NCC, NSS, Plantation, And Swatch Bharat Programmes.
 - b) Mr. Md. Azam (batch of 2012-14) received from the President of India the prestigious Indira Gandhi National NSS award for best volunteer in 2013.
 - c) Mr. K. Suman (batch of 2015-17) received the University Best NSS Volunteer for 2015, and also acted as District programme co-ordinator of Seva Tourism 2014-16
48. Give details of “beyond syllabus scholarly activities” of the department.
The Department undertakes the following activities:
 1. Practice Teaching outside the University
 2. Imparting Report writing skills
 3. Student Seminars.
 4. Screening of films based on literary texts
 5. Encouraging students to write research articles
 6. Organising “Meet the Author” Programmes.
 7. Distribution of books written by creative writers/translators to the students.
 8. Inculcating interest in allied subjects like journalism and organising lectures by experts in the field.
49. State whether the programme/department is accredited/graded by other agencies? If yes, give details: Nil
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:
 - a) The faculty of the Department are resourceful in generating knowledge in theory and classroom applications.



- b) The department has so far organised 31 seminars/conferences/workshops since inception generating new ideas in research, thrust areas.
- c) The department boasts of a research journal, Kakatiya Journal of English Studies, since 1976. So far 36 volumes have been brought out some of which are Special Numbers on significant themes and literary personalities.
- d) The faculty members have been extensively engaged in translations of Telugu works into English and vice versa. Hundreds of poems, short fiction, bhakti literature and non-fiction have been published and edited in books, anthologies and literary journals.
- e) The faculty members have been actively engaged in outreach programmes, extension activities, and their role in strengthening university leadership has been substantial. Faculty members have occupied important positions such as Vice-Chancellor of universities, Member, Executive Council, Dean, Academic Audit, Dean, College Development Council, Principals of University constituent colleges, Controller of Examinations, Library Member-in-charge and Director, Foreign Relations among others.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- a. Sincere and hardworking Faculty
- b. Long history of the department, now entering its Golden Jubilee Year
- c. A long-running reputed research journal
- d. Providing leadership in Research, Text book preparation,
- e. Participation in Extension activities, outreach programmes.

Weaknesses

- a. Depleting Faculty strength with many retirements taking place.
- b. No fresh recruitment in the last ten years.

Opportunities

- a. Conducting classes for improving the communicative skills among all the students in the campus.
- b. Conduction of certificate courses

52. Future plans of the department:

The department plans to offer the following in future:

1. UGC DRS-II.
2. Introducing M.A. in ELT
3. Introducing PG Diploma in Teaching of English.
4. Making the Seminar Hall Fully equipped.
5. Construction of a compound wall



EVALUATIVE REPORT – KAKATIYA UNIVERSITY COLLEGE OF ENGINEERING & TECHNOLOGY (KUCET)

1. Name of the College : Kakatiya University College of Engineering & Technology (KUCET)
2. Year of establishment : 2009
3. Is the Department part of a School/Faculty of the university?

Faculty of Engineering and Technology

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

UG Programs

B. Tech (Civil Engineering)
 B. Tech (Computer Science and Engineering)
 B. Tech (Electrical and Electronics Engineering)
 B. Tech (Electronics and Communication Engineering)
 B. Tech (Mechanical Engineering)
 B. Tech (Information Technology)

PG Programs

M. Tech (Computer Science Engineering)
 M. Tech (Digital Communication)
 Master of Business Administration (MBA)

Ph. D Research

Electronics and Communication Engineering

5. Interdisciplinary programmes and departments involved

Nil

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

- MOU with CDAC Hyderabad: Joint PG Program in Progress
- Academic MOU with University of Malaysia: Joint PhD Research Programs in progress

7. Details of programmes discontinued, if any, with reasons

NIL

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

UG Programs

Annual System 1st Year of B. Tech
 Semester System 2nd, 3rd and 4th year of B. Tech

PG Programs

Semester System M. Tech and MBA Programs

9. Participation of the department in the courses offered by other departments

NIL

10. Number of teaching posts sanctioned, filled and actual (Professors /Associate Professors / Asst. Professors / others)

	Sanctioned	Filed	Actual (Including CAS & MPS)
Professors	11	1	-----
Associate Professors	06	NIL	-----
Assistant Professors	20	03	-----
Others Assistant Professors (Contractual Basis)	NIL	44	-----

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualifications	Designation	Specialization	No. of years of Experience	No. of Ph. D/ M. Tech students guided for last 5 years
Prof. Tadisetty Srinivasulu	M. Tech Ph.D.	Professor	Electronics & Communication Engineering-Real Time Systems	29 Years	PhD-04 Guiding MTech-20 Guided
Mr. Veshala Mahender	M. Tech.	Asst. Professor	Electronics & Communication Engineering-VLSI	5 years	M. Tech Project-06
Mr. Asim Iqbal	M. Tech	Asst. Professor	Electronics & Communication Engineering	4 years	M. Tech Project-06
Dr. R. Meghana Rao	MA, M. Phil, PhD	Asst. Professor	Indian Literature	17 years	-----



12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Dr. R.K. Gupta, Project Director, ASL DRDO Hyderabad
- Prof. S. Ramachandram, Osmania University, Hyderabad
- Dr. CB Rama Rao, ECE Dept. NIT Warangal
- Dr. Sridhar, NIT Warangal
- Prof. NVSN Sarma, NIT Warangal
- Prof. Venkata Rajyam, Osmania University, Hyderabad

13. Percentage of classes taken by temporary faculty –Programme-wise information

- B. Tech Program : 80%
- M. Tech. Programme : 10%
- MBA Program : 80%
- PhD Programme : Nil

14. Programme-wise student Teacher Ratio

Programme	Student Teacher Ratio @ KUCET
B. Tech	1:20
M. Tech	1:12
Ph.D.	1:8
MBA	1:12

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Academic Staff (Technical)		Administrative Staff	
Sanctioned	Filled	Sanctioned	Filled
28	19	24	18

16. Research thrust areas as recognized by major funding agencies

- Wireless Sensor Networks (WSN) and IOT
- VLSI-Embedded Systems
- Wireless and Cognitive Radio Communication
- Network Security and Cryptography



17. Number of faculty with ongoing projects from a) National b) International funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Ongoing Projects

Sl. No.	Name of the Faculty	Funding agency	Amount (in Lakhs)	Title of the project
1	Prof. T. Srinivasulu	NITI Ayog	10	Incubation centre for Product Development (Submitted)

Completed Projects

Sl. No.	Name of Faculty	Funding Agency	Amount (in Lakhs)	Duration	Title of the Project
1.	Prof. T. Srinivasulu	S&T, Govt. of India, New Delhi	15	2000-2002	Development of microprocessor based solid state control (MBSC) system for improving hauler efficiency
		S&T, Govt. of India, New Delhi	50	2000-2003	Development and application of a Micro-controller based system for Continuous monitoring of Longwall Powered Supports and its application for continuous automatic strata behaviour evaluation (CASE)
		S&T, Govt. of India, New Delhi	15	1996-1999	Development and application of continuous strata monitoring system (CSMS) for evaluating roof stability in coal mines
		SCCL Kothagudem	5	1999-2000	Strata Monitoring in BG panel at VK-7 Incline, SCCL



					Kothagudem
		APSEB, SLBHES, Srisailam	10	1993-1995	Instrumentation and Strata Monitoring at Srisailam Left Bank Hydro- electric Scheme
		Hindustan Zinc Limited, Udaipur	10	1995-1997	Design, Development, Installation of Low Power Micro- Seismic Network for Monitoring the Ground Stability during Crown Pillar Mass Blast at Mochia Mine, HZL

18. Inter-institutional collaborative projects and associated grants received.

- a) National collaboration : 01- MOU with CDAC Hyderabad
 b) International collaboration : 01 MOU with University of Malaysia

19. Departmental Projects funded by DST-FIST; UGC-SAP/CAS; DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- DST/S&T Projects 80 Lakhs
- Industry Sponsored Projects 25 Lakhs

20. Research facility/center with

- State recognition : PhD Research Activities
- National recognition : Nil
- International recognition : Nil

21. Special research laboratories sponsored by/created by industry or corporate bodies
 --Nil--

22. Publications :

- Number of papers published in peer reviewed journals
- (National / International) : 56
- Monographs : Nil
- Chapters in Books : Nil
- Edited Books : Nil
- Books with ISBN with details of publishers (LL Publishers) : 01
- Number listed in International Database
 (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database
 International Social Sciences Directory, EBSCO host, etc.) :



- Citation Index – range / average : 1- 25
- SNIP : ----
- SJR : --
- Impact Factor – range / average : 1 - 6
- h-index : ---

23. Details of patents and income generated:

01 Patent

24. Areas of consultancy and income generated: Industrial Consultancy-

Nil

25. Faculty selected nationally/internationally to visit other laboratories / institutions /industries in India and abroad:

- Prof. T. Srinivasulu Visited Japan under JSPS Bridge Fellowship 2011
- Prof. T. Srinivasulu, delivered invited talk on Wireless Sensor Network during plenary session of International Conference on Science and Technology, Kyushu University, Japan – 2016
- Prof. T. Srinivasulu, delivered invited talk on “Academic Research for Improving the Quality of Technical Education”, 14th May 2014, University of Malaysia, Pahang, Malaysia
- Prof. T. Srinivasulu, Chaired Technical Session-International conference on mining science and technology, 16-18 Oct., 1996, CUMT Xuzhou, China
- Prof. T. Srinivasulu, received the best paper award and certificate during international conference on systemic, and Informatics, and cybernetics (ICSCI 2007) Jan 3-7, 2007

26. Faculty serving in

- a) National committees : Yes, Prof. T. Srinivasulu
- b) International committees : Yes, Prof. T. Srinivasulu
- c) Editorial Boards : Yes, Prof. T. Srinivasulu
- d) Any other (please specify) : Prof. T. Srinivasulu Served as Selection committee member of Industries (PSU), Govt. Research Labs/Institutions and Universities. Inspection committee member of Vigilance, JNTU for inspecting affiliated technical colleges



27. Faculty recharging strategies (UGC, ASC, Refresher/Orientation programs, workshops, training programmers and similar programs).

Name of the Faculty	Programme attended
Prof. T. Srinivasulu	National Workshop on “From Campus to Corporate”, 22-23 February, 2014, Engineering Staff College of India, Hyderabad
	Workshop on Microchip Masters Conference, November, 2006 Bangalore
	IEEE Workshop on “Periodic Structures and their applications and Development of Educational App with FDTD Simulations on Portable Devices”, 7th August, 2015, IEEE Hyderabad Section
	IEEE workshop on “Recent Advances in Satellite & Radar Antennas”, 27th December, 2014, IEEE Hyderabad Chapter
	Workshop on “Defense Electronics”, KUCET, KU Warangal-2015
	International Workshop on “Digital Signal, Image and Speech Processing with MATLAB”, July 19th, 2012, Hyderabad
	Workshop on “New Criteria for NBA” 16-17 Sept. 2011, Hyderabad
	Indo-US consortium for engineering education (IUCEE) sponsored workshop on ‘Embedded Systems’, July 12-18, 2010, Hyderabad
	Training Program on “Fiber Optic Communication Devices, Systems and Networks”, Indian Institute of Sciences (IISc) Bangalore, 1993
	Training Program on “Microprocessor based System Design”, Centre for Electronics Design and Technology (CEDT), Gorakhpur, 1994
	Workshop on “PC based Instrumentation”, Indian Institute of Sciences (IISc) Bangalore, 1993
	Workshop on “Virtual Instrumentation/ LabVIEW Programming”, National Instruments, 2000
Mr. Asim Iqbal	Orientation Program 2016, JNTU Hyderabad
Dr. R. Meghana Rao	Orientation Program -2016, JNTU Hyderabad
Mr. Veshala Mahender	FDP on VLSI Design, VNR-VJIT Hyderabad, 2013
	ISTE Workshop on Analog Electronics, IIT Kharagpur, 14 th Nov. 2013
	FDP on Research Methodology and Computational Techniques, KITS Warangal, 27 th June-1 st July 2016
	FUP on VLSI system design using Verilog HDL, CDAC Hyderabad, 4-6 Jan, 2016



28. Student projects

- percentage of students who have done in-house projects including interdepartmental projects: 40%
- percentage of students doing projects in collaboration with other universities/industry /institute :60%

29. Awards / recognitions received at the national and international level by

- Faculty
- Prof. T. Srinivasulu Visited Japan under JSPS Bridge Fellowship 2011
- Prof. T. Srinivasulu, delivered invited talk on Wireless Sensor Network during plenary session of International Conference on Science and Technology, Kyushu University, Japan – 2016
- Prof. T. Srinivasulu, delivered invited talk on “Academic Research for Improving the Quality of Technical Education”, 14th May 2014, University of Malaysia, Pahang, Malaysia
- Prof. T. Srinivasulu, Chaired Technical Session-International conference on mining science and technology, 16-18 Oct., 1996, CUMT Xuzhou, China
- Prof. T. Srinivasulu, received the best paper award and certificate during international conference on systemic, and Informatics, and cybernetics (ICSCI 2007) Jan 3-7, 2007
- Prof. T. Srinivasulu, Member of International Selection Committee for Recommending Indian Students to International Research Fellowships, 2015
- Secretary, Instrument Society of India, Hyderabad
- Executive Committee Member: Indo Japan Alumina Association, 2016
- Doctoral /Post Doctoral fellows :
Students : 04 PhD Students

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstation participants, if any.

- International Conference on 'Photonics, VLSI and Signal Processing (ICPVS-2014), Kakatiya University, Warangal
- One day workshop on “Defense Electronics”, KUCET, KU Warangal
- IT Workshop-2015, UCE, Kakatiya University, Warangal
- KLEIO-Tech Students Fest – 2015, KUCET, Warangal
- One day personality development program-2015, KUCET, Warangal
- EETA workshop on MP and MC-2015, KUCET, Warangal

31. Code of ethics for research followed by the departments:

- Departmental Research Committee (DRC) is constituted to take care of quality in the research and to track the status of research of Ph. D students.
- Every research scholar should give two open seminars before submission of the thesis.

32. Student profile programme-wise



Name of the Programme (refer to question no 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
PG* (M. Tech)	Allotment through PGECET & GATE	23	13	64%	36%
Ph. D*(ECE)	800 [@]				

*Yearly average figures

@ Application received and written test to be conducted

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the university	% of students from other universities within the State	% of students from universities outside the state	% of students from other countries
PG (M. Tech)	30%	65%	5%	Nil
Ph.D.	85%	15%	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Civil Services and Defense Services examinations - Nil
 NET - 01; SET - 0; GATE - 30

35. Student progression

Students progression	Percentage against enrolled
UG to PG (M. Tech)	40%
PG to M.Phil.	Not Applicable
PG to Ph.D.	30%
Ph.D. to Post-Doctoral	10%
Employed • Campus selection	15%



• Other than campus recruitment	40%
Entrepreneurs	5%

36. Diversity of Staff

Percentage of faculty who are graduates of	
The same university	5%
From other universities within the State	70%
From universities from other States from	25%
Universities outside the country	nil

37. Number of faculty who were M. Phill., Ph.D., D.Sc. and D. Litt. during the assessment period

--NIL--

38. Present details of College infrastructural facilities with regard to

a). Library	: College Library
b) Internet facilities for staff and students	: Yes
c) Total number of class rooms	: 25
d) Class rooms with ICT facility	: 0
e) Students laboratories	: 15
f) Research laboratories	: 0

39. List of doctoral, post-doctoral students and Research Associates

- From the host institution/university

Sl. No	Name of the Scholar	Designation	Funding agency
1	Ms. B. Dhanalaxmi	RGNF Research Fellow	UGC
2	Mr. Pradeep Kumar	UGC JRF Research Scholar	UGC JRF

- From the other institutions/universities: Nil

40. Number of post graduate students getting financial assistance from the university.
NIL



41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- Yes, the new programs will be introduced based on expertise, facilities, infrastructure and financial support from the university. A detailed report will be supported to university for the consideration and approval

42. Does the development obtain feedback from

- i. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the college utilize the feedback?

Yes. time to time the department will obtain feedback from the faculty on curriculum and evolve method to update it. The new thoughts, contemporary ideas, novel programmes and student friendly and industry oriented syllabus shall be incorporated to strengthen the curriculum.

- ii. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

After completion of the degree the student will be given feedback form for their opinion and suggestion in terms of evaluation. Accordingly, the department and the administration together plan for the improvement of educational quality and refresh the teachers involved in active teaching.

- iii. Alumni and employers on the programmes offered and how does the college utilize the feedback?

The alumni meet will be conducted and their feedback is sought for the improvement of quality in education and providing adequate facilities for the students. Similarly, the feedback from the employers also collected and used for the promotion of infrastructure and providing good accommodation to the students.

43. List the distinguished alumni of the college (maximum 10)

- Mr. Sudhir, Dept of ECE, KUCET: Engineer, National Power Corporation India Limited
- Mr. Mittapally Harish Kumar, Dept of ME, KUCET: Engineer, Tata Consulting Engineers Limited
- Mr. Shaik Abdul Basith Azam, Dept of Me, KUCET: Engineer, Tata Consulting Engineers Limited



44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- The department is actively participating in the organization of training programme, workshops, seminars, student counseling etc.
- The student performance is assessed through the introduction of semester system. Enough emphasis is given to internal assessment.

45. List of teaching methods adopted by the faculty for different programmes.

- Overhead projectors for PPT Presentations
- Internet facility-Real Time Video Lecturers
- Real objects-Model based teaching
- Online teaching lectures
- Video lectures-NPTEL Lectures

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Programme objectives are monitored through periodical test, University exams, competitive examinations, campus selections and also from the feedback from the students and parents.

47. Highlight the participation of students and faculty in extension activities.

- The students are trained in R&D institutes and industries. They are encouraged to take up the project work and give the seminars. The students are encouraged to appear for GATE, IES and other competitive examinations.

48. Give details of “beyond syllabus scholarly activities” of the department.

- The senior faculty is actively engaged as resource persons to various academic bodies like universities, institutes, government agencies, NGOs. They are also acting as resource persons for authorities of competitive examinations

49. State whether the programme/department is accredited / graded by other agencies?

AAA Grade- Carrier 360 Educational Magazine Survey

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- The department is actively participating in the organization of training programme workshops, seminars, student counseling
- Students are working in Govt Defense, Premier Research Institutions and Industries to implement their academic research projects.
- Students also deputed to industry under internship programs



51. Details of five major strengths and Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- Regular evaluation by conducting seminars and technical quiz programs among the students
- Assigning Internal Projects to the students to develop the skills in Engineering
- Senior qualified teaching faculty having wide exposure in Engineering and Technological areas
- We have adequate expertise as evidenced by our research publications.
- We have published research papers with good impact factor
- Our research papers are cited in journals and books. We have established linkage/collaborations with Professors of Indian and foreign universities for undertaking research work.
- We have MOUs with Govt Research laboratories, Industries and International Universities and also have access to Govt. Defense Research and Space Research Laboratories for students for their academic research projects
- Senior faculty regularly reviewing the articles to be published in International Journal of Measurements-Elsevier, IEEE Conference Proceedings and Transactions. They are editorial board members of several journals
- Senior faculty also involved as examiner to PhD research thesis of other universities in state and out of state

Weaknesses:

- Lack of sufficient number of faculty
- Lack of sufficient infrastructure and laboratory facilities as per AICTE and NBA norms

Opportunities:

- Engineering and Technology plays a prominent role in solving industrial and societal problems. Moreover, it will support the sustainability of other areas and interdisciplinary research. Therefore, there is several opportunities for better employment and challenging assignments
- Engineering students find job opportunities in Government, private sectors of research, industry, and teaching. They will also get opportunity to become as entrepreneur

Challenges:

- To develop students to industry ready for more employability
- To prepare the students to meet the global market standards for better future in teaching, research, higher education leading PhD and POSTDOC research
- To impart relevant skill for the students to became entrepreneur-Job Creators

52. Future plans of the department.

- To develop the state- of- art laboratories to train the students in latest technologies
- To introduce skill development courses to improve the employability
- To develop state-of-art research facilities to strength PG and PhD research
- To improve the teaching by computer aided, Web based methodologies



- To establish interaction and collaboration with industry to enhance job opportunities
- To establish language laboratory for improving the communication and writing skills
- To modernize the curriculum to suit the need of industry and competitive examinations
- To improve the industrial relations, more MOUs will be written for the benefit of students and faculty
- Special industrial training programs will be conducted to students for improving entrepreneur skills



EVALUATIVE REPORT - GEOLOGY DEPARTMENT

1. Name of the Department : GEOLOGY
2. Year of Establishment : 1989
3. Is the Department part of a School/Faculty of the university? : University
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. D.Litt., etc.):

UG, PG and Ph.D.
5. Interdisciplinary programmes and departments involved: NIL
6. Courses in collaboration with other universities, industries, foreign institutions, etc. :NIL
7. Details of programmes discontinued, if any, with reasons: NIL
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System: Semester
9. Participation of the department in the courses offered by other departments: Environmental Science.
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others) :

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	02	----	02
Associate Professors	04	---	00
Asst. Professors	06	03	01
Others	----	-----	----



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Prof. K. Niranjan Kumar	M.Sc. Ph.D	Professor	Ground Water and Environmental Geology.	23 Years	NIL
Prof.K. David	M.Sc. Ph.D	Professor	Petrology and Geo Chemistry	23 Years	01
Dr. R. Mallikarjuna Reddy	M.Sc. Ph.D	Assistant Professor	Petrology and Geo Chemistry	10 Years	NIL

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors :
Prof. R. Pavana Guru, Professor Emeritus, Department of Geology, Osmania University, HYDERABAD. Dr. E.V. S.S. K. Babu, Scientist, National Geo Physical Research Institute (NGRI), HYDERABAD.
13. Percentage of classes taken by temporary faculty – programme-wise information:

S.No	Programme	Percentage
1	Under Graduation	100
2	Post Graduation	62.5

14. Programme-wise Student Teacher Ratio:

S.No	Programme	Ratio
1	Under Graduation	8:1
2	Post Graduation	40:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :

	Sanctioned	Filled
Lab Assistant	01	01
CCT	01	01
Section Cutter	01	01
Lab Attender	01	01
Office Subordinate	01	NIL
Kamati	01	NIL



16. Research thrust areas as recognized by major funding agencies: Petrology, Geo- Chemistry and Hydrogeology.
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Name of the Teacher	National/ International	Funding Agencies	Title of the Project
Prof. K. David	National	UGC(NewDelhi) 7.99 Lakhs. June 30 th 2011.	Petrological and Geological investigations on Alkali Syenite Intrusive of Pulikonda and Dancharla.
Dr. R. Mallikarjuna Reddy	National	AMD(BRNS), Dept. of Atomic Energy, Govt.of India. 28.01 Lakhs December 2011.	Petro Mineralogical and Geo chemical studies to Identify Rare Metal and Rare Earth Rich faces in Prakasham Alkaline Province
Prof.K.Niranjan Kumar & Dr.R.Mallikarjuna Reddy	National	CGWB, Ministry of Water Resources, Govt.of India. 75.18 Lakhs	Construction of artificial recharge structures and impact studies in Kakatiya University,
Dr. K. Srinivas Varma	State	Telangana Mines and Geology(DMRTUF) 9.98 Lakhs. Februray, 2014.	Studies on Characterisation and Evaluation of Pakhal Dolamites for its Industrial suitability in Mulugu area.

18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration: AMD, Hyderabad and Osmania University, Hyderabad
- b) International collaboration: ---



19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.: DST-FIST - 40 Lakhs.
 CGWB - 75.18 Lakhs
20. Research facility / centre with: NIL
- State recognition
 - National recognition
 - International recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies: NIL
22. Publications:
- 10
- Number of papers published in peer reviewed journals (national / international)
 - Monographs
 - Chapters in Books
 - Edited Books
 - Books with ISBN with details of publishers
 - Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - Citation Index – range / average
 - SNIP
 - SJR
 - Impact Factor – range / average
 - H-index
23. Details of patents and income generated :NIL
24. Areas of consultancy and income generated :NIL
25. Faculty selected nationally / internationally to visit other laboratories / institutions
- industries in India and abroad : 1
26. Faculty serving in: NIL
- National committees
 - International committees
 - Editorial Boards
 - any other (please specify)



27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Indian Institute of Remote Sensing Dehradun 2 months training program completed by Dr. R. Mallikarjuna Reddy.

28. Student projects: NIL

- Percentage of students who have done in-house projects including inter-departmental projects
- Percentage of students doing projects in collaboration with other universities

1. industry / institute

29. Awards / recognitions received at the national and international level by :NIL

- Faculty
- Doctoral / Post Doctoral Fellows
- Students

30. Seminars/Conferences/Workshops organized and the source of funding (National /International) with details of outstanding participants, if any.

- The role of Diamonds and dynasties (Kohonoor-Kakatiyas the Future Status of Golkonda) by Prof. V. Madhavan one day Work-Shop - 30th April 2012.
- One day Award Lectures sponsored by Geological Society of India. Bangalore – July 2013.
- Prospects and perspectives of Mineral resources of Telangana state, India -30-31 March 2015.

31. Code of ethics for research followed by the departments:

Yes

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M. Sc -2009-2010	400	39	11	99%	99%
M. Sc -2010-2011	422	40	10	99%	99%
M. Sc -2011-2012	250	50	12	100%	100%
M. Sc -2012-2013	270	49	13	100%	99%
M. Sc -2013-2014	280	48	14	100%	99%
B.Sc. - 2012-13	100	50	30	45%	50%
B.Sc. - 2013-14	120	55	25	47%	48%
B.Sc. - 2014-15	100	50	30	45%	50%



33. Diversity of Students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M. Sc 2009-2010	80%	20%	-----	-----
2010-2011	79%	21%	-----	-----
2011-2012	81%	19%	-----	-----
2012-2013	78%	22%		
2013-2014	80%	20%		

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

GATE: 01, NET: 01: SET:01

35. Student progression

Student progression	Percentage against enrolled
UG to PG	80%
PG to M.Phil.	---
PG to Ph.D.	5%
Ph.D. to Post-Doctoral	.5%
Employed	
Campus selection	60%
Other than campus recruitment	20%
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates of the same university: NIL
from other universities within the State : 100%
from universities from other States
from universities outside the country

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period :NIL



38. Present details of departmental infrastructural facilities with regard to

- a. Library / Seminar Library : Library and Seminar Library
- b. Internet facilities for staff and students : YES it is available
- c. Total number of class rooms :03
- d. Class rooms with ICT facility :NIL
- e. Students' laboratories :03
- f. Research laboratories :02

39. List of doctoral, post-doctoral students and Research Associates

- a. from the host institution/university

No. of Doctoral students Working presently along with their Names and Joining Date

S.No	Name of the Scholars	Date of Joining
1	Mr. T. Naveen	19-01.2012
2	Mr. Kareemulla Shaik	18-01.2012
3	B. Ravi	20.05.2015
4	Mr. P. Swamy Sharan	18-01.2012
5	Mrs. Vanitha	18-01.2012
6	Mr. V. Rambabu	19-01.2012
7	Mr.K. Saidulu	27-05-2015
8	Mr.B. Sampath Kumar	24-08-2016
9	Mr. Seenaiiah	24-08-2016
10	Mr. Srinivas	Not Available
11	Mr. N. Sridhar	02-05-2014
12	Mr. K. Saikrishna	21-05-2014

- b. from other institutions/universities

1. Dr.G.Papanna PDF

40. Number of post graduate students getting financial assistance from the university.
NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. Not Applicable

42. Does the department obtain feedback from

- i. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? : By taking suggestions from the Faculty.
- ii. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? By orienting the curriculum as per student needs.
- iii. Alumni and employers on the programmes offered and how does the department utilize the feedback? In orienting the curriculum as per industry needs



43. List the distinguished alumni of the department (maximum 10)

S. No	Name of the Candidate	Organization	Nature of Work
1	K. Sateesh	Telangana Rural Development	Geologist
2	Ch. Naresh	Telangana Rural Development	Geologist
3	J. Suresh	Tealnagana Rural Development	Geologist
4	B. RajKumar	Nagarjuna Group	Exploration Geologist
5	L. Srilatha	Telangana Rural Development	Geologist
6	L. Bikshapathi	Telangana Rural Development	Geologist
7	S. Ramesh	Geological Society of India	Geologist
8	M. VijayKumar	Geological Society of India	Geologist
9	G. Shailaja	Cyient	Data Analyst
10.	K. Padma	NSL consolidated	Geologist

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Organizing Extension lectures, workshops and seminars by external experts for the benefit of MSc previous and Final year students.

45. List the teaching methods adopted by the faculty for different programmes. :1) Usage of teaching aids like LCD , OVER HEAD-PROJECTOR, MAPS, CHARTS ,MODELS etc. 2) Tutorials etc.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? The teaching and training imparted to the students is as for the need of industry.
47. Highlight the participation of students and faculty in extension activities.: Actively participated in sensitising the people in practicing rain water harvesting.
48. Give details of “beyond syllabus scholarly activities” of the department: encouraging students and Research scholars to participate in seminars and workshops.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. : No
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.



51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

1. Orientation of syllabus as per the needs of Industries.
2. To train the Students show as to with stand the competition in the job Market
3. To develop collaborative projects with other Universities in the new frontiers of Research.
4. To sign MOU'S with National / Multinational Companies.
5. To encourage the Faculty to apply for Projects to different funding Agencies for the Development of the Research and Department

52. Future plans of the department.

The Department of Geology has very ambitious plans for the coming years in the areas of teaching, research and consultancy. As the Department is housed in very limited space with the help of administration additional space will be created by constructing the first floor on the existing building and procurement of advanced lab equipment. The additional accommodation and equipment enables the staff to undertake the research work in well equipped laboratories the students and scholars will also get benefited with well equipped laboratories.

The Teachers are enthusiastic to complete the ongoing research projects successfully and apply for innovative research projects with the different National and International funding agencies.

The other important thrust area is to mould the students as per the needs of Industry. As the Department is proud to achieve 70% placements to all the PG Students in National/Multinational Companies and the Department has chalked out plans to keep up and still improve the employment potential to its students in the future.



EVALUATIVE REPORT - HISTORY & TOURISM MANAGEMENT DEPARTMENT

1. Name of the Department
 - Department of History & Tourism Management
2. Year of Establishment
 - 1984
3. Is the Department part of a School/Faculty of the University?
 - Faculty of Social Sciences
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
 - UG (B.A History & B.Voc Tourism)
 - PG M.A History & Master of Tourism Management)
 - M.Phil. (History)
 - Ph.D (History & Master of Tourism Management)
5. Interdisciplinary programmes and departments involved
 - Economics, Political Science, Public Administration and Science Departments
(MA CBCS paper offered by the Department is taken by the above Dept students)
6. Courses in collaboration with other Universities, Industries, Foreign Institutions, etc.
State Archives, Department of Archaeology, Government of Telangana, BRAOU, Hyderabad
7. Details of programmes discontinued, if any, with reasons
 - Nil
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
 - UG (B.A History & B.Voc Tourism) Semester & Annual
 - PG M.A History & Master of Tourism Management) Semester
9. Participation of the department in the courses offered by other departments
Our Students opt for papers in Computer Science Departments & Environmental Studies



10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Posts	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	01
Associate Professors	01	00	00
Asst. Professors	03	03	00
Others	00	00	00

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 5 years
Prof. S. Srinath	M.A., M.Phil Ph.D	Professor	Modern History	32	01 Ph.D; 04 M.Phil
Prof. K. Vijaya Babu	M.A., M.Phil., Ph.D	Professor	Modern History	25	04 Ph.D; 09 M.Phil
Dr. T. Manohar	M.A., M.Phil., Ph.D	Assistant Professor	Modern History	16	05 Ph.D; 11 M.Phil
Dr. T. Dayakar Rao	M.A., Ph.D	Assistant Professor	Medieval History	08	09 Ph.D; 08 M.Phil
Dr. P. Sadanandam	M.A., M.Phil., Ph.D	Assistant Professor	Folklore Studies	06	06 Ph.D; 04 M.Phil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors Nil

13. Percentage of classes taken by temporary faculty – programme-wise information

➤ Bachelor of Arts (History)	80%
➤ Master of Arts (History)	30%
➤ Master of Tourism Management	100%

14. Programme-wise Student Teacher Ratio

➤ Bachelor of Arts (History)	30:01
➤ Master of Arts (History)	10:01
➤ Master of Tourism Management	10:01

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

➤ 03:03 (One Typist-cum-Clark, One Attender and One Kamati)

16. Research thrust areas as recognized by major funding agencies

➤ Medieval Indian History
➤ Modern Indian History



- Politico-Economic- History of India.
 - Socio-Cultural- History of India
 - Socio-Economic- Cultural History of Deccan
 - History of Science & Technology
 - Peasant Movements
 - Land Problems & Agrarian Relations
 - Working Class Movement
 - Dalit Movements
 - Folklore Studies
 - Biographies
 - Freedom Movement in Telangana
 - Tribal Studies
 - Tourism Studies
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.
- Ongoing projects
 - Dr. T. Dayakar Rao, Irrigation Development under the Kakatiyas (A.D. 1000 to 1323), UGC, New Delhi, 2014-2017, under Progress.
 - Dr. T. Manohar, History and Culture of the Leather Working Communities of Telugu Speaking Regions, ICHR, New Delhi, 2015-2016, under Progress.
18. Inter-institutional collaborative projects and associated grants received
- a) National collaboration b) International collaboration
UGC and ICHR and ICSSR
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
- Sanctioned DRS-II for a period of 5 years 2016-2021 on “Emergence of Telangana Identity - a Study of Culture , Society & Economy (12th to 20th Century A.D)” Sanction letter No: F. 5-32(DRS-II)/2015 SAP(SAP-III), Dated: 09 October 2015 & 22 July, 2016
 - Grants sanctioned Non- Recurring Rs. 25.00 lakhs
 - Grants sanctioned Recurring Rs. 42.50 lakhs
 - Sanctioned Two Project Fellow (Actuals)
20. Research facility / centre with
- State Recognition
Yes
 - National Recognition
Yes
 - International Recognition
Nil



21. Special research laboratories sponsored by / created by industry or corporate bodies
➤ Nil
22. Publications: Number of papers published in peer reviewed journals (national / international)

Name of the Teacher	Title of the Books /Article	Details of Publication
Thallapally Manohar	Land Issues in Telangana –A Selected Village, ISBN 978-93-84845-20-9	Pragma Publications, Hyderabad, 2016,
Thallapally Manohar	Cultural History of Madigas -A Brief Study, ISBN 978-93-84845-30-8	Pragma Publications, Hyderabad, 2016
Thallapally Manohar	Maigala Samkshiptha Charithra, ISBN 978-93-84845-26-1	Pragma Publications, Hyderabad, 2016
Thallapally Manohar	Social Evils among Madigas – Matangi System - A Perspective, pp. 50-56, ISSN 2320-057X.	Proceeding of the International Conference on Trends in Social Sciences and Humanities (TSSH-2016) at Istanbul, Turkey, 4 th June, 2016 to 5 th June, 2016,
Thallapally Manohar	Eulogizing the Patrons: The Kommu and The Epic of Katama Raju, pp. 64-74, ISBN 978-986-89298-3-8	Annual Conference on Management and Social Sciences, Conference Proceeding of the 5 th Session, Kuala Lumpur, Malaysia, 2 nd to 4 th September 2015
Thallapally Manohar	Agrarian Proverbs in Telangana - A Study, pp. 409-421, ISBN 978-93-85957-06-2 Yagati Chinna Rao, D. Venkateshwara Reddy & B. Rama Chandra Reddy (Editors), Musings on South India, Festschrift to Konda Srinivasulu	Published by Meena Book Publications, New Delhi, 2016
Thallapally Manohar	Gosangula Jeevana Vidhanam: Oka Vivarana., pp. 340-353, Avadhanam Umamaheshwara Sastry, Gaddam Sambhashiva Reddy & Damaraju Suryakumar (Editors), Konda Srinivasulu Shashtyabhdhi Abhinandana Sanchika	Published by Konda Srinivasulu Shashtyabhdhi Abhinandana Sangam, Addanki, 2016
Thallapally Manohar	Self-Respect versus Social Dominance: A Saga of Telangana Village, pp. 223-239, 978-81-908906-3-1, Democratic experience of Dalit-Bahujans in India, Nagaraju Vadapalli (Ed),	Sree Bhagavan Publications, Hyderabad, 2015
Thallapally	Mother Goddesses - Jogulamba -	Published by B.R. Publishing



Manohar	Renuka – Ellamma at Alampur - A Study, pp. 85-95, ISBN 9789350500699, Cultural Contours of History and Archaeology (In honour of Snehasiri Prof. P. Chenna Reddy), K. Krishna Naik & E. Siva Nagi Reddy (Editors)	Corporation, New Delhi, 2015
Thallapally Manohar	Religious Politics in South India: Veerashaivism from Bahujan Perspective, pp. 47-67, 978-81-908906-6-3, Status of Dalit-Bahujans in India, Nagaraju Vadapalli (Ed)	Sree Bhagavan Publications, Hyderabad, 2015
Thallapally Manohar	Vetti System in Telangana as Reflected in Contemporary Telugu Literature, pp. 270-291, ISBN 978-81-89131-66-1, Prof. K. Arjun Rao, Studies in Indian History, Festschrift to Prof. A. Satyanarayana	Published by Research India Press, New Delhi, 2013
Thallapally Manohar	Beef Eating Community and Controversy: Some Considerations, pp. 122-136, ISSN 0976-2345, Kakatiya Journal of Historical Studies, Vol.10, No.1,	Published by Department of History & Tourism Management, Kakatiya University, Warangal, K.U, May 2015
Thallapally Manohar	Kommulavandlu – A Madiga Sect as a Dependent Community of the Gollas in Andhra Pradesh, pp. 114-121, ISSN 0976-2345, Kakatiya Journal of Historical Studies, Vol.9, No.1,	Published by Department of History & Tourism Management, Kakatiya University, Warangal, K.U, May 2014
Thallapally Manohar	Land Transfer Systems in Telangana problems and Perspectives – A Study, pp. 125-140, ISSN 0976-2345, Kakatiya Journal of Historical Studies, Vol.8, No.1	Published by Department of History & Tourism Management, Kakatiya University, Warangal, May 2013
Thallapally Manohar	Telanganaloni Vishva Vidhyalayo Peddakura Pandugalu: Vivadhalu - Vati Parinamalu pp. 239-246, ISSN 2320-057X	Proceedings of Andhra Pradesh History Congress, Fortieth Session, Anathapuram, Andhra Pradesh, 9 th & 10 th January, 2016,
Thallapally Manohar	Madigalaloni Sanghika Duracharalu – Matangi Vidhanam – Oka Parishilana, pp. 251-256, ISSN 2320-057X.	Proceedings of Andhra Pradesh History Congress, 39 th Session, 31 st January, 1 st February, 2015, Srisailam, Kurnool, Andhra Pradesh
Thallapally Manohar	Urbanization during the Last Nizam Period: Growth of Communications in Adilabad District – A Study, pp. 187-196, ISSN 2320-057X, has been	Andhra Pradesh History Congress, Proceeding of the 38 th Session, Tirupati, 2014



	selected best paper & cash award for Dr. Garigipati Rudraiah Chowdary	
Thallapally Manohar	Ginjala Narsaiah and Telangana Armed Struggle, pp.124-126, ISSN 2229-3671	Proceedings of South Indian History Congress, 33 rd Session, 15, 16 & 17, February, 2013, Thiruvananthapuram
Thallapally Manohar	Urbanization During the Last Nizam Period – A Study of Karimnagar District, pp. 256-267, ISSN 2320-057X	Proceedings of Andhra Pradesh History Congress, 30 th Session, Avanigadda, 2013
Dr. T. Dayakar Rao	Relations between the Nagaram and the State: A Study of State Formation in Medieval Andhra Pradesh (A.D. 1000-1350 A.D),	Cultural Contours of History and Archaeology, (ISBN 9789350500668), Volume-II, History, Part-I, (In honour of Snehasiri Prof. P. Chenna Reddy), Editors: Prof. K. Krishna Naik & Prof. E. Siva Nagi Reddy, B.R. Publishing Corporation, Delhi, 2015.
Dr. T. Dayakar Rao	.Ecotourism in Telangana Special Reference to Adilabad District – A Study,	Proceedings of the National Conference on Tourism Management and Hospitality, IITTM, Gwalior, July, 2015
Dr. T. Dayakar Rao	A Study of Cultural and Natural Heritage Tourism in Adilabad District of Telangana, India	South Indian History Congress, 35 th Annual Session Proceedings, Warangal, 2015.
Dr. T. Dayakar Rao	Temples of Manthani in Karimnagar District – A Study	Kakatiya Journal of Historical Studies (ISSN 0976-2345), Vol.10, No.01, October 2015, Published by Department of History & Tourism Management, Kakatiya University, Warangal.
Dr. P. Sadanandam	Kakatiya Journal of Historical Studies, Vol.IX, No.1, (ISSN 0976-2345), May, 2014.	Department of History & Tourism Management, Kakatiya University, Warangal,
Dr. P. Sadanandam	Kakatiya Journal of Historical Studies, Vol.X, No.1, , (ISSN 0976-2345), Oct, 2015.	Department of History & Tourism Management, Kakatiya University, Warangal
Dr. P. Sadanandam	Places of Historical Importance in Warangal, pp.64-66.	Souvenir, SIHC, 35 th Annual Session 20-22 Feb., 2015,



* Monographs

➤ Nil

* Chapters in Books

➤ Nil

* Edited Books

Faculty Name	Title of the Books	Publishers	Year
Dr. T. Dayakar Rao	Kakatiya Journal of Historical Studies – Vol. VI, No. 1	Department of History & Tourism Management	2011
Dr. T. Dayakar Rao	Kakatiya Journal of Historical Studies – Vol.VII, No. 1	Department of History & Tourism Management	2012
Dr. T. Dayakar Rao	Kakatiya Journal of Historical Studies – Vol.VII, No. 1	Department of History & Tourism Management	2013
Prof. K. Vijaya Babu	Tourism in India	Zenon academic publishing , Hyderabad	2014
Thallapally Manohar	Cultural History of Madigas -A Brief Study, ISBN 978-93-84845-30-8.	Pragma Publications, Hyderabad,	2016
Thallapally Manohar	Maigala Samkshiptha Charithra, ISBN 978-93-84845-26-1	Pragma Publications, Hyderabad	2016

* Books with ISBN with details of publishers

- Thallapally Manohar., Land Issues in Telangana –A Selected Village, Pragma Publications, Hyderabad, 2016, ISBN 978-93-84845-20-9.
- Trade and State Craft in Medieval Andhra – A Reappraisal (600-1600 AD), (ISBN 9789350502853), B.R. Publishing Corporation, New Delhi, 2016.
- History of Velama Kingdoms Rachakonda and Devarakonda, (ISBN 978-81-908906-9-4), Sree Bhagavan Publications, Hyderabad, July, 2016.

* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) Nil

* Citation Index – range / average

➤ Nil



* SNIP

➤ Nil

* SJR

➤ Nil

* Impact Factor – range / average

➤ Nil

* h-index

➤ Nil

23. Details of patents and income generated

➤ Nil

24. Areas of consultancy and income generated

➤ Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad

➤ Nil

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

1. Our Department Collaboration with District Tourism Department
2. Our Department also collaboration with AP State Archives and Conducted Record Management Programme for Research Scholars and District Government Employees
3. Our Faculty members associated with Sate Council of Secondary Education, Hyderabad served as member Editorial Board for the Text books writing for class 8th, 9th and 10th as per the national curriculum.
4. Our Faculty members also associated with Telugu Academy, Hyderabad and edited its text books on Tourism Management for intermediate vocational course.



- 5 One of our Faculty members also jointly supervising a Ph.D Programme in the department of English being under taking by a foreign scholar from Colombo university, Srilanka.
- 6 One of our faculty members associated with district administration and serving as a member of the enquiry committee on SC/ST Atrocities cases.
- 7 One of our faculty member is Member Syllabus Committee of Board of Intermediate Education , Govt of Telangana

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

➤ Dr. T. Manohar Attended

- Refresher Course in Research Methodology organized by Dean, Social Science. Kakatiya University, Warangal, on 12-06-2012 to 18-06-2012.
- One week Course in Research Methodology organized by Academic Staff College, University of Burdwan, West Bengal, on 22-10-2013 to 28-10-2013.
- Fifteen days Workshop on Capacity Building Programme for Faculty in Social Science, organized by Department of History & Tourism Management, Kakatiya University, Warangal, on 16-01-2014 to 31-01-2014.

➤ Dr. P. Sadanandam Attended

- Refresher Course organized by organized by Academic Staff College, Hyderabad Central University, Hyderabad, from, 08-02-2011 to 20-02-2011, UGC, New Delhi.
- Fifteen days Workshop on Capacity Building Programme for Faculty in Social Science, organized by Department of History & Tourism Management, Kakatiya University, Warangal, on 16-01-2014 to 31-01-2014.
- Training Programme on Research Methodology in Social Science, organized by Department of Economic, CKM Arts & Science College, Deshaipet, Warangal, (sponsored by ICSSR, New Delhi) on February 8th to 17th 2016.

➤ Dr. T. Dayakar Rao Attended

- Fifteen days Workshop on Capacity Building Programme for Faculty in Social Science, organized by Department of History & Tourism Management, Kakatiya University, Warangal, on 16-01-2014 to 31-01-2014.



28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects
- Our Tourism Management students have under taken Projects on different aspect of cultural Tourism, Tourism Industry, Transport and Accommodation etc, every year as part of IV semester course.
- percentage of students doing projects in collaboration with other Universities/Industry/Institute

80 percent students (M.Phil, Ph.D and MTM visit other University libraries for data collection and consult Professors for technical advice)

29. Awards / recognitions received at the national and international level by Faculty

- Prof. G. Bhadraru Naik, State Best Teacher Award by the Govt. of Andhra Pradesh, Hyderabad on 5th September, 2011.
- Prof. Syed Ayub Ali, State Best Teacher Award by the Govt. of Andhra Pradesh, Hyderabad on 5th September, 2013
- Post Doctoral fellows

S. No.	Name of the student	Achievement/Award/Honour
01	Dr. Kotte Srinivasa Rao	PDF/Dr.SR (DSRPDFHS)
02	Dr Gujjeti Tirupathi	PDF/Dr.SR (DSRPDFHS)
03	Dr. Raju Balguri	PDF/Dr.SR (DSRPDFHS)
04	Dr. D. Shankar	PDF/ UGC-SCST
05	Dr. B. Somulu (MTM)	PDF/ UGC-SCST
06	Dr. T. Uppaiah	PDF/ UGC-SCST
07	Dr. P. Ramakrishna	PDF/ICSSR

➤ Doctoral

S.No.	Name of the student	Achievement/Award/Honour
01	Mr. Eslavath Chandu	UGC/NFHE/ST
02	Mr. Dharavath Venkanna	UGC/NFHE/ST
03	Mr. A. Kumara Swamy	Ph. D/RGNF
04	Mr. B. Hathi Ram	Ph. D/RGNF
05	Mr. P. Krishna	Ph. D/RGNF-SC
06	Mr. H. Rama Rao (MTM)	Ph. D/NFHE/ST
07	Mr. A. Ranjit Kumar	Ph. D/RGNF
08	Mr. K. Manoj Kumar (MTM)	Ph. D/RGNF



09	Mr. M. Devendar	Ph. D/NFHE-ST
10	Mrs. B. Usha	Ph. D/RGNF
11	Mr. B. Suresh	Ph. D/RGNF-SC
12	Dr. G. Thirupathi (MTM)	PDF/Dr.SR
13	Mrs. P. Shyamala	M. Phil/RGNF
14	Mrs. B. Shivakumari	M. Phil/RGNF
15	Mrs. B. Jyothi	M. Phil/RGNF
16	Mr. Gugulothu Mahesh (MTM)	Ph. D/ JRF

Students

- Nil

30. Seminars/Conferences/Workshops organized and the source of funding (National/International) with details of outstanding participants, if any.

- South Indian History Congress, 35th Session, held at Department of History & TM, KU, Warangal, on 22th-22nd February, 2015.
- National Symposium on Teaching History- Problems and Prospects, on 21st & 22nd March, 2014 at Department of History & Tourism Management, Kakatiya University, Warangal
- 15 days Workshop on Capacity Building Programme for Faculty in Social Sciences (sponsored by ICSSR, New Delhi) , on 16-01-2014 To 31-01-2014 at Department of History & Tourism Management, Kakatiya University, Warangal
- National Seminar on ‘Deccan States and their Relations with Iran (Diplomatic, Economic and Cultural) During 16th – 18th Century”, 29th -30th November, 2013, Department of History & Tourism Management, Kakatiya University, Warangal
- National Seminar on ‘History, Culture, Art and Architecture of Kakatiyas”, 29th -30th October, 2013, Department of History & Tourism Management, Kakatiya University, Warangal
- National Seminar on Leather Working Communities of South India: Cultural Heritage and Social Transformation, at UASC, Subedari on 17-18 March, 2013 (Sponsored by ICHR, New Delhi)
- National Seminar on ‘Water Management in Andhra Pradesh through the Ages” on 25th -26th February, 2013, Department of History & Tourism Management, Kakatiya University, Warangal.
- National Seminar on “Regional Identities and Nation Building Facus on Telangana Movement, held on March 21st – 22nd, 2011, Organized by Department of History & Tourism Management, KU, Warangal, under SAP (DRS-I), UGC Programme.

31. Code of ethics for research followed by the departments

- Our M. Phil and Ph.D students have under take their research according to the rules and regulations prescribed by the UGC under the supervision of Dean, Faculty of Social Science, Kakatiya University.



32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
PG (MA History)	300	23	13	100%	100%
PG (MTM)	250	34	02	100%	100%
M. Phil	120	09	03	100%	100%
Ph.D. (History)	60	14	01	100%	100%
Ph.D. (MTM)	30	07	02	100%	100%

33. Diversity of students:

Name of the Programme (refer to question no. 4)	% of student from the same university	% of student from the other university	% of student from universities outside of the State	% of student from other country
PG (MA History)	100%	Nil	Nil	Nil
PG (MTM)	100%	Nil	Nil	Nil
M. Phil	100%	Nil	Nil	Nil
Ph.D. (History)	80%	20%	Nil	02%
Ph.D. (MTM)	100%	Nil	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

S. No	Name of the Qualified Student	UGC/JRF UGC/NET SLET	Qualified Year
01	G. Sekhar	SLET	2012
02	K. Ramesh	SLET	2012
03	K. Srinivas	SLET	2012
04	P. Thirupathi	SLET	2012
05	Padmakar	SLET	2012
06	R. Venkatrajam	SLET	2012
07	S. Sammaiah	SLET	2012
08	S. Thirupathi	SLET	2012
09	Y. Rambabu	SLET	2012
10	Ch. Ashok	SLET	2013
11	Ch. Thirupathi	SLET	2013
12	B. Hathiram	SLET	2013
13	J. Srinivas	SLET	2013
14	A.Kumaraswamy	SLET	2013
15	M. Ramprasad	SLET	2013



16	N. Rajkumar	SLET	2013
17	P. Sunitha	SLET	2013
18	R. Lachaiah	SLET	2013
19	Sitaramaiah	SLET	2013
20	Vasanth Rao	SLET	2013
21	S. Venkatesham	SLET	2014
22	Theegala Sreenivas	SLET	2014
23	Vemula Raju	SLET	2014
24	Mr. Gugulothu Mahesh (MTM)	UGC/JRF	2015

35. Student progression

Student progression	Percentage against enrolled
UG to PG	30%
PG to M.Phil.	30%
PG to Ph.D.	30%
Ph.D. to Post-Doctoral	10%
Employed	30%
Campus selection	Nil
Other than campus recruitment	20%
Entrepreneurs	20%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	75%
from other universities within the State	25%
from universities from other States	10
from universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period
Ph.D's in History:

S. No	Name of the Student	Name of the Supervisor	Year	Topic
01	Raheem Mohammad	Dr. T. Manohar	2010	Mining Industry under the Asaf Jahis
02	P. Sridhar	Dr. T. Manohar	2010	Christian Missionaries in Telangana and Dalith Uplift – A study of Warangal and Warangal KarimNagar Districts (1873 to 2000)
03	Kolipaka Srinivas	Prof. Syed Ayub Ali	2010	Economic Conditions under Qutub Shahis of Golconda – 1518-1687
04	K. Rajaiah	Dr. T. Dayakar Rao	2010	Trade and commerce in Hyderabad State under the Asaf Jahis (1857-1947)
05	Komatireddy Srinivas	Prof. Syed Ayub Ali	2011	Mughal –Qutub Shahi Relations: 1636- 1687



06	Erya Banoth	Dr. T. Dayakar Rao	2011	Role Christian missionaries for the promotion of Education in Telangana
07	Ragula Venkatrajam	Prof. G. Badru Naik	2011	Art & Culture of Patamu varu a dependent sub-caste of Rajaka Community in Telangana – A Study
08	T. Uppaiah	Prof. G. Badru Naik	2011	The Social Structure among the Banjara Community of Telangana – A Study
09	Perumalla Sreenivasa Rao	Prof. G. Badru Naik	2011	The Educational Contribution of Dr. B.R. Ambedkar for uplift of Dalits of Maharashtra
10	Dasari Shankar	Prof. G. Badru Naik	2012	The Contribution of Chhatrapathi Shahu for uplift of weaker sections of Kolhapur State
11	A. Narasimha Swamy	Dr. T. Dayakar Rao	2013	A Study of Occupations under Qutbshahi Rule (1518-1687A.D.)
12	B. Srinivas	Dr. T. Manohar	2013	Urbanization during the Last Nizam (1911-1948) - A Study of Warangal Suba
13	Raju. B	Dr. T. Dayakar Rao	2014	History, art, and Architecture of the Temples of Karimnagar District
14	E. Srinivas	Dr. T. Dayakar Rao	2014	The Role of Chennamaneni Rajeshwarao in Andhra Pradesh politics-(1942-1951) - A study
15	Reddymalla Yakub	Prof. G. Badru Naik	2014	The Contribution of Dr. B.R. Ambedkar for working class movement in India
16	B. Sridhar	Dr. P. Sadanandam	2014	Art and culture of Goudajettis –A dependent sub – caste of Gouda Community in Telangana
17	A. Raghuvender	Dr. P. Sadanandam	2015	Development of Agriculture and Industry in Andhradesa under the Rayas of Vijayanagara (1509-1564 AD)
18	E. Thirupathi	Dr. T. Dayakar Rao	2015	Socio-Economic conditions in Erstwhile Hyderabad State with special reference to Warangal Subha (1900-1951)
19	N. Ekambaram	Dr. T. Manohar	2015	Land Survey and Settlement System in Telangana –Case of War anal District
20	D. Srinivas	Dr. P. Sadanandam	2016	Yadva Community in Telangana – A cultural Study
21	T. Ravindar	Dr. P. Sadanandam	2016	The Razakar movement in Telangana A Study



Ph. D's in Tourism Management:

S. No	Name of the Student	Name of the Supervisor	Year	Topic
01	Gundapu Chennaiah	Prof. G. Badru Naik	2012	Arts and Crafts of Tribals of Andhra Pradesh – A Study
02	B. Somulu	Prof. G. Badru Naik	2012	Pilgrimage Tourism in Telangana Region – A Study of Karimnagar District
03	M. Krishna Sumanth	Dr. T. Dayakar Rao	2012	Topography of Manor Tourism Destinations in Andhra Pradesh – A Study
04	A. Raghu	Prof. K. Vijaya Babu	2012	Medical Tourism in Andhra Pradesh – A Study
05	G. Vijay	Dr. T. Dayakar Rao	2013	Pilgrim Tourism in Andhra Pradesh- A case Study of Nalgonda District
06	Ch. Rajakumar	Prof. G. Badru Naik	2014	Tourism Potential in Warangal District and Organizational Problems – A Study
07	K. Nageswar Rao	Prof. G. Badru Naik	2014	Cultural tourism in Adilabad District – A Study
08	Ch. Raju	Prof. G. Badru Naik	2014	The Role of South Central Railways in Promotion of Tourism
09	V. Bhadraiah	Prof. G. Badru Naik	2014	Pilgrimage Tourism in Khammam District – A Study
10	G. Thirupathi	Dr. P. Sadanandam	2015	Tourism Potentials in Telangana- Problems and prospective
11	N. Srikanth	Dr. T. Dayakar Rao	2016	Historical monuments for promotion of tourism industry in Warangal District

M. Phil's in History:

S. No	Name of the Student	Name of the Supervisor	Year	Topic
01	Varoodhini Madhamshetti	Dr. T. Manohar	2011	Vetti System in Telangana as Reflected in Contemporary Telugu Literature (1911-1948) – A Study
02	E. Thirupathi	Dr. T. Dayakar Rao	2011	The Role of Comrade Thigala Satyanarayana Rao to the Telangana Armed Struggle – Biographical study (1917-1980)
03	E. Srinivas	Dr. T. Dayakar Rao	2011	The Role of Comrade Chennamaneni Rajeswara Rao to the Telangana Armed Struggle – Biographical study
04	K. Swaroopa Rani	Dr. T. Dayakar Rao	2012	Historical Monuments and Tourism Development in Kammam District
05	P. Biksham	Dr. T. Dayakar Rao	2012	Buddhist Monuments in Nelakondapally – A Study



06	P. Thirupathi	Dr. T. Manohar	2013	Some Untapped Sources for the Study of Modern Telangana History – A Study of Sircar Elagandal in 19 th Century
07	R. Yakub	Dr. T. Dayakar Rao	2013	The educational contribution of Jyothi RaoPule for uplift of Dalithis in 19 th Century
08	P. Jyothna	Prof. Syed Ayub Ali		Yadagirigutta – A Centre of Pilgrimage Tourism in Nalgonda District
09	P. Dasharatham	Dr. T. Dayakar Rao	2016	Buddhist Monuments in Phanigiri – A Study
10	Palnati Naresh	Dr. K. Vijaya Babu	2016	Biodiversity as Reflected on Ramappa Temple Complex in Warangal District -A Study
11	M. Devendar	Dr. T. Dayakar Rao	2016	Buddhist Monuments in Dulikatta – A Study
12	D. Divya	Dr. T. Dayakar Rao	2016	Biography of Padala Chandraiah - A Historical Study
13	P. Raju	Dr. P. Sadanandam	2012	Folk Arts Forms as Reflected in the Literary works of Vijayanagara period.
14	T. Vijaya Kumar	Dr. P. Sadanandam	2016	The Kolams of Adilabad district – A Study
15	Daravath Venkanna	Dr. G. Bhadraru Naik	2016	The Tribal Development Policies and Cultural change – A Study of Nalgonda District
16	Pagidipalli Krishna	Dr. T. Manohar	2016	Kommulavandlu – A Madiga Sect as a Dependent Community of the Gollas of Telugu Speaking Regions – A Study

38. Present details of departmental infrastructural facilities with regard to

- Library
- Department Library is equipped with research oriented books and SAP library possess books related to different aspects of Telangana
 - Internet facilities for staff and students Yes
 - Total number of class rooms 04
 - Class rooms with ICT facility One
 - Students' laboratories Nil
 - Research laboratories Nil

39. List of doctoral, post-doctoral students and Research Associates

- from the host institution/university –Indian & Overseas Visiting Scholars seeking expert advice from Department Faculty



LIST OF THE Ph. D SCHOLARS PRESENTLY WORKING

SL. NO	Name of the Scholar	Name of the Supervisor
01	P. Prabhakar	Prof. A. Bobbili
02	B. Padmalatha	Prof. S. Srinath
03	N. Ravi	Prof. S. Srinath
04	M. Varoodhini	Prof. S. Srinath
05	Kommineni Veeranna	Prof. S. Srinath
06	Singathi Venkatesham	Prof. S. Srinath
07	T. Sucharitha	Prof. S. Srinath
08	Maripally Swetha	Prof. S. Srinath
09	Paindla Yakaiah	Prof. S. Srinath
10	G. Ugendar	Prof. S. Srinath
11	P. Jyothna	Prof. S. Srinath
12	G. Laxmaiah	Prof. Syed Ayub Ali
13	K. Sudharshan Rao	Prof. Syed Ayub Ali
14	A. Murali	Prof. Syed Ayub Ali
15	P. Mastaan	Prof. Syed Ayub Ali
16	Shiva Kumar. J	Prof. G. Bhadrn Naik
17	Daravath Venkanna	Prof. G. Bhadrn Naik
18	Chandu	Prof. G. Bhadrn Naik
19	Ch. Kedari (MTM)	Prof. K. Vijaya Babu
20	Ch. Venkateshwarlu	Prof. K. Vijaya Babu
21	Chganti. Meenaiah	Prof. K. Vijaya Babu
22	U. Kutmba Rao	Prof. K. Vijaya Babu
23	P. Vemana (MTM)	Prof. K. Vijaya Babu
24	A. Haribabu	Prof. K. Vijaya Babu
25	Guguloth Mahesh	Prof. K. Vijaya Babu
26	Palanati Naresh	Prof. K. Vijaya Babu
27	S. Chandrakala	Dr. T. Manohar
28	Suryakiran (MTM)	Dr. T. Manohar
29	A. Kumara Swamy	Dr. T. Manohar
30	Boda Hathiram	Dr. T. Manohar
31	T. Srinivas	Dr. T. Manohar
32	P. Thirupathi	Dr. T. Manohar
33	P. Krishna	Dr. T. Manohar
34	E. Aruna	Dr. T. Manohar
35	V. Saicharan	Dr. T. Manohar
36	A. Jayashankar	Dr. T. Dayakar Rao
37	K. Swaroopa Rani	Dr. T. Dayakar Rao
38	N. Rajesh (MTM)	Dr. T. Dayakar Rao
39	H. Rama Rao (MTM)	Dr. T. Dayakar Rao
40	A. Ranjit Kumar	Dr. T. Dayakar Rao
41	K. Manoj Kumar	Dr. T. Dayakar Rao
42	B. Usha	Dr. T. Dayakar Rao
43	Devendar Malothu	Dr. T. Dayakar Rao
44	Bandari Suresh	Dr. T. Dayakar Rao
45	Kadari Jayapal	Dr. T. Dayakar Rao
46	B. Sudhakar	Dr. P. Sadanandam



47	M. Murali	Dr. P. Sadanandam
48	T. Vijay Kumar	Dr. P. Sadanandam
49	B. Saraswathi	Dr. P. Sadanandam
50	K. Sudhakar	Dr. P. Sadanandam
51	Hymavathi	Dr. P. Sadanandam

- from other institutions/universities
Nil

40. Number of post graduate students getting financial assistance from the university.
Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
Yes, Needs of the Students employability and Needs of the region.

42. Does the department obtain feedback from -Yes

- i. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? The Department utilizes the feedback to improve teaching methods and providing quality content material.
 - ii. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? The feedback used to teaching employability and life skills.
 - iii. Alumni and employers on the programmes offered and how does the department utilize the feedback? The feedback is utilised to improve ongoing programmes and to tailor and start innovative programs for students and scholars
- We take the feedback from students, scholars and faculty members informally and sometimes formally by distributing feedback forms to the students. We utilize the feedback to improve the quality in teaching and also to revise the syllabus. The feedback is also utilising in conducting training programmes to the scholars and young teachers in the department.

43. List the distinguished alumni of the department (maximum 10)

- Prof. G. Bhadru Naik, Department of History & Tourism Management, Kakatiya University, Warangal
- Prof. K. Vijaya Babu, Department of History & Tourism Management, Kakatiya University, Warangal
- Dr. T. Manohar, Department of History & Tourism Management, Kakatiya University, Warangal
- Dr. T. Dayakar Rao, Department of History & Tourism Management, Kakatiya University, Warangal
- Dr. P. Sadanandam, Department of History & Tourism Management, Kakatiya University, Warangal
- Dr. T. Buchi Babu, director, Bharathi Vidya Bhavan, Warangal
- Dr. M. Sambaiah, Reader, CKM College, Warangal



- Dr. B. Sambamurthy, Principal, Govt Degree College, Rangasaiper, Warangal
 - Dr. R. Bhaskar Rao, Lecturar, Govt Kakatiya Degree College, Hanamkonda, Warangal
 - Dr. B. Babu Rao, Associate Professor, PST University, Srisailam
 - Dr. G. Dayakar, Assistant Professor, Dr. B. R. Ambedkar University, Warangal
 - Prof. N. Kanakarathnam, Department of History, Dravidian University, Kuppam
 - Dr. G. Venkanna, Assistant Professor, PST University, Warangal
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
- Dr. K.S.A.M. Ishrat Alam, Member Secretary, ICHR, NEW Delhi
 - Prof. O. Anantha Ramaiah, Former Vice Chancellor, Tumkur University, Mysore
 - Prof. Kankanala Rathnaiah, Vice Chancellor, Dravidian University, Kuppam
 - Prof I. Laxmi, Head, Department of History, Osmania University, Hyderabad
 - Prof. Y. A Sudhakar Reddy, Director, Centre for the Folk Culture Studies, University Hyderabad, Hyderabad
 - Prof. E. Sudha Rani, Head, Dr. B. R. Ambedkar University, Hyderabad
 - Prof. A. Satyanarayana, Department of History, Osmania University, Hyderabad
 - Prof. Jigar Mahamad, Department of History, jammu University, Jammu.
 - Dr. B. Rama Chandra Reddy, Department of History, K. M. C. Post-Graduate Studies, Puducherry
 - Dr. Priyadarshini Vijaisri, Fellow, CSDS, New Delhi
 - Prof. K. Sadasiva, Dept of History, University of Mysore, Mysore
 - Prof. Kanakarathnam, Dept. of History, Dravidian University, Kuppam, Chittoor
 - Prof. S. Victor Babu, Babasaheb Bhimrao Ambedkar University, Lucknow
 - Prof. Y, Chinna Rao, JNU, New Delhi
45. List the teaching methods adopted by the faculty for different programmes.
- Lectures
 - Seminars through LCD projector
 - Internet search method
 - Field work
 - Archaeological Field work and Historical tours
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- Continuous evaluation and internal assessment tests are conducted
47. Highlight the participation of students and faculty in extension activities.
- Some of our Faculty members delivered talks on All India Radio and also gave popular lectures on TV channels for Sammakka Saralama Festival, Kakatiya Kala Vaibavalu and Temples of Warangal etc.
 - Our faculty members gave talks on All India Radio and Doordarshan on the topics like Republic day & Indian Constitution, Contemporary Social Issues, Educational issues, Tourism Promotion, Rural Indian Economic problems, Environmental problems etc.,.



- Our students actively take part in NSS Programmes such as plantation, blood donation, conservation of natural resources and anti pollution campaigns.
48. Give details of “beyond syllabus scholarly activities” of the department.
- The Department regularly celebrates Tourism Day every year on 27th September.
 - The Department has been undertaking the Archaeological field study in different areas of this region.
 - The Students and Scholars have paid visits to the historical places as part of Curriculum.
 - The Department also associated with the district Administration in the celebration of Kakatiya Festivals.
49. State whether the programme/ department is accredited/ graded by other agencies?
- Yes by News Papers (our MTM is considered the only program in a University in Telangana)
50. If yes, give details.
- Deccan Chronicle Report
51. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- The Department has started Tourism Management course (PG) in the year 2000 and has been successfully running the course for the last 14 years and our students have joined in different Tourism related offices in the government of A.P and Tamilnadu etc., and also in Tourism industry in all the major cities of India & settled in Singapore, Malaysia, UK, USA, Dubai etc.,
Their Project Reports are great contribution to Tourism related knowledge
 - Our Teachers and Scholars have published research articles and books on various aspects of History and Tourism Management
52. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
- Strengths:
 - Strong faculty with specialization in different areas of History and Tourism Management
 - Department library
 - Department Museum
 - UGC, SAP (DRS-II)
 - Research Projects, PDF, RGNF, ICHR and ICSSR Fellowships
 - State Archive Unit



- Weaknesses:
 - Most of the Senior teachers have been retired
 - Part-time teachers are running the courses
 - Insufficient space in department for faculty members
 - Lack of Museum Hall
 - Insufficient funds to develop infrastructure Seminar Halls and staff rooms
- Opportunities:
 - Our History & Tourism students are able to get several employment opportunities like teachers, lecturers, civil servants and tourism professionals in India and abroad.
- Challenges:
 - Since our students are drawn from rural and tribal areas, there is a need to improve English communication skills, Computer skills and personality development

53. Future plans of the department.

- The Department proposes to organize the 78th Annual Session of Indian History Congress in the month of December, 2017.
- The Department proposes to establish the Centre for Kakatiya Studies to undertake research on the contribution of Kakatiyas to Art, Architecture and Literature.



EVALUATIVE REPORT – LIBRARY & INFORMATION SCIENCE DEPARTMENT

1. Name of the Department : Department of Library and Information Science
2. Year of establishment : 2005
3. Is the Department part of a School/Faculty of the university? : Faculty of Social Sciences
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) : MLISc (PG); BLISc (Distance mode from School of Distance Learning and Continuing Education)
5. Interdisciplinary programmes and departments involved : Internship in University Library
6. Courses in collaboration with other universities, industries, foreign institutions, etc: Apprenticeship in NIT, Warangal and CCMB, Hyderabad, after completion of MLISc.
7. Details of programmes discontinued, if any, with reasons : None
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System : Semester
9. Participation of the department in the courses offered by other departments : M.A. (Gender Studies)
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor			
Associate Professors			
Asst. Professors	2	1	
Others			



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D./ M.Phil. Students guided for the last 4 Years
B. Radhika Rani	M.A., MLISc	Assisant Professor	Information Literacy	4 Years	None

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors :
 Prof. S. Sudharshan Rao, ICSSR Senior Fellow, Osmania University
 Prof. K. V. Janardhan Rao, Commerce and Business Management, Kakatiya University
 Mr. O. Bhuvan Kurmar, Retd. Assistant Professor, KU
 Mr. M. Subramanya Sharma, Commerce and Business Management, Kakatiya University
13. Percentage of classes taken by temporary faculty – programme-wise information: 33%
14. Programme-wise Student Teacher Ratio : 1: 21
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual. None
16. Research thrust areas as recognized by major funding agencies. None
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. None
18. Inter-institutional collaborative projects and associated grants received
 a) National collaboration: None b) International collaboration: None
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. None
20. Research facility / centre with : None
 a. state recognition
 b. national recognition
 c. international recognition



21. Special research laboratories sponsored by / created by industry or corporate bodies None
22. Publications:
- * Number of papers published in peer reviewed journals (national / international) :
2 (national)
 - * Monographs
 - * Chapters in Books
 - * Edited Books
 - * Books with ISBN with details of publishers :
- 1) Libraries in the Information Age, Published by Prof. V. Nireekshana Babu, Director of Publications, P S Telugu University, Hyderabad ISBN 978-81-921167-4-7
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Citation Index – range / average
 - * SNIP
 - * SJR
 - * Impact Factor – range / average
 - * h-index
23. Details of patents and income generated. None
24. Areas of consultancy and income generated. None
25. Faculty selected nationally / internationally to visit other laboratories / institutions
- a. industries in India and abroad . None
26. Faculty serving in
- c) National committees b) International committees c) Editorial Boards d) any other (please specify)
- KUJOSS Editorial Board
EC Member of Professional Association (ALSD)
Life member of Andhra Pradesh Public Libraries Association
Governing Body Member of Three Colleges
Member, Board of Studies of Dept. Of Lib & Inf. Sci., Osmania University, Hyd
Member, Board of Studies of Dept. Of Lib & Inf. Sci., BRAOU, Hyd
Member of Standing Committee of Centre for Women Studies, KU, Wgl
Member, Advisory Committee of International Conference – ICDL 2014



27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
1. Orientation Programme - 1
 2. Capacity Building Programme of researchers of Social Sciences - 1
28. Student projects None
- a. percentage of students who have done in-house projects including inter-departmental projects
 - b. percentage of students doing projects in collaboration with other universities
 1. industry / institute
29. Awards / recognitions received at the national and international level by
- a. Faculty : Award for excellence in Youth Festival 2013 (Yuvakalarathna)
 - b. Doctoral / post doctoral fellows : None
 - c. Students : 5 qualified for NET / SET.
30. Seminars/ Conferences/Workshops organized and the source of funding (national
- i. international) with details of outstanding participants, if any. None
31. Code of ethics for research followed by the departments NA
32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MLISc					
2010-11	88	10	10	100%	100%
2011-12	116	8	12	100%	100%
2012-13	89	14	6	100%	100%
2013-14	109	11	10	Results Awaited	
2014-15	88	NA	NA	NA	NA



33. Diversity of Students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students From other countries
MLISc			None	None

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

- Students qualified NET Exam

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	NA NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed ☐ Campus selection ☐ Other than campus recruitment	
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	None
from other universities within the State	One
from universities from other States	None
universities outside the country	None

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period None



38. Present details of departmental infrastructural facilities with regard to

- d) Library : Departmental Library of around 300 books
- e) Internet facilities for staff and students : Computer Lab with 11 Systems
- f) Total number of class rooms : 1 Classroom
 1 Computer Lab
 1 Office Room and
 1 Department Library & Ladies Waiting Room
- Class rooms with ICT facility : Yes (OHP, Computer, LCD TV)
- g) Students' laboratories : Computer Lab
- Research laboratories : NA

39. List of doctoral, post-doctoral students and Research Associates NA

- a) from the host institution/university
- b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university. Student Scholarships from Government (For eligible SC, ST, BC)

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. No

42. Does the department obtain feedback from

faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? NA

students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes, Improving staff competencies by attending Orientation programme and Refresher Course

alumni and employers on the programmes offered and how does the department utilize the feedback?

43. List the distinguished alumni of the department (maximum 10)

Class I Ranker: 2010-11: Nirmala; 2011-12: Gopi; 2012-13: Sreedevi
NET Qualified (from 2010 – 2014): G Raju, V. Anil

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- 1) Personality Development Session by V. Rajeshwari from Vseries, Hyderabad
- 2) Communication Skills Development for MLISc students by faculty of CELT, KU (for 2011-12, 2012-13, 2013-14 batches)



45. List the teaching methods adopted by the faculty for different programmes.

Apart from Lecture method,

- Conducting of Student Seminars on a Topic of Library and information Science
- Conducting Group discussion on a given topic.
- Usage of ICT facilities for PPT presentation for teaching, Running some videos on LCD for better understanding
- Encouraging for Library tour to other institutions to gain exposure
- Career Counselling and guidance on job opportunities in Library Sciences.
- Encouraging participation in TV programmes

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

This programme (MLISc) was started to ensure that the rural Telangana students have an opportunity to pursue this professional course in regular mode and get good exposure and gain good jobs. And, this objective is fulfilled as almost all the students; immediately after completion of MLISc are placed in various higher education institutions or organisations.

47. Highlight the participation of students and faculty in extension activities.

- Faculty and Students participated in Youth festival (Yuvakalarathna-2013) as committee members and volunteers respectively and received awards for commitment and dedication.
- Faculty participation in university convocation programme.
- Provide counselling and guidance to girl students in Hostel of the Kakatiya University
- Participation in various activities such as, sports etc.
- Celebrating Librarian's day every year on 12th August

48. Give details of “beyond syllabus scholarly activities” of the department. : Encouraging for Library tours to give exposure of the activities handled by information professionals and thus encouraging for higher studies in Library Science field.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. No.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.



51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- Strong Alumni
- Good Placement of the outgoing students
- UGC NET oriented syllabus
- UGC NET oriented teaching
- Encouraging hands on experience by providing apprenticeship in reputed institutions

Weakness:

- Insufficient Faculty
- No supporting Staff (Clerk, typist, Lab Assistant etc.)
- Lack of Infrastructural facilities.
- Lack of proper accommodation for the department
- Lack Ladies washrooms.
- Insufficient computer in Lab.

Opportunities

- As this is professional course - Good employment opportunities
- As a part of curriculum students go on Internship to work in various department in University Library and gain hands on experience.
- Department has liaison with reputed institutions and students are encouraged to go on apprenticeship after completion of MLISc.
- Department with the help of CELT, KU also conduct communication classes for Students to face the interviews.
- Department computer lab helps the students to have good exposure to online searching and good knowledge on online databases and thus making them information literates.

Challenges

- Additional faculty
- Proper accommodation for the department in par with other PG courses
- Request for additional Support staff (Clerk, Typist, Lab assistant etc)

52. Future plans of the department.

- To revise the syllabus
- To start BLISc in regular mode
- Expansion of Computer Lab
- Conduction of workshops/ conferences, seminars and lectures
- Institution of Gold Medal.



EVALUATIVE REPORT –MATHEMATICS DEPARTMENT

1. Name of the Department : Mathematics
2. Year of Establishment : 1967
3. Is the Department Part of a School/Faculty of the University?: Part of University
4. Names of Programs Offered (U.G. P.G., M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. D.Litt. etc.)
 - (i) M.Sc. (Mathematics)
 - (ii) M.Sc. (Applied Mathematics)
 - (iii) Ph.D.
5. Interdisciplinary Programs and Department involved

The faculty of the department of Mathematics have involved in the following program:

- (i) B.Tech. (KU College of Engineering and Technology and KU College of Engineering for Women)
 - (ii) 5years Integrated Chemistry Program (Department of Chemistry)
 - (iii) 5years Integrated Biotechnology Program (Department of Biotechnology)
 - (iv) M.C.A (Department of Informatics)
 - (v) B. Pharm. (College of Pharmacy).
6. Courses in Collaboration with Other Universities, Industries, Foreign Institution, etc.

Nil
7. Details of programs discontinued, if any with reasons

Nil
8. Examination System: Annual/Semester/Trimester/Choice based Credit System

Semester System with Choice based Credit System
9. Participation of the department in the courses offered by other by departments

- (i) B.Tech. (KU College of Engineering and Technology and KU College of Engineering for Women)
 - (ii) 5years Integrated Chemistry Program (Department of Chemistry)
 - (iii) 5years Integrated Biotechnology Program (Department of Biotechnology)
 - (iv) M.C.A (Department of Informatics)
 - (v) B. Pharm. (College of Pharmacy).



10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Assistant Professors)

Name Post	Sanctioned	Filled	Actual (Including CAS&MPS)
Professors	01	-	02
Associate Professors	05	01	-
Asst. Professors	10	08	06
Others (Part-Time)		06	

11. Faculty profile with name qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years	No. Of Ph.D./M.Phil. Students Guided for
Prof. T. Srinivas	Ph.D.	Professor	Algebra	25	4
Prof. P. Malla Reddy	Ph.D.	Professor	1.Poroelasticity 2.Stochastic Process & Queueing Theory	09	8
Dr. T. SumathiUma Maheshwari (Transferred to KU Women's Engineering College in 2013)	Ph.D.	Assistant Professor	Reliability Theory	11	1
Dr. M. Tirumala Devi	Ph.D.	Assistant Professor	Reliability Theory	11	-
Dr. L.P. Raj Kumar	Ph.D.	Assistant Professor	Stochastic Process & Queueing Theory	09	-
Dr. R. Bharavi Sharma	Ph.D.	Assistant Professor	Complex Analysis	06	-
Dr. K. Somaiah	Ph.D.	Assistant Professor	Elasticity	06	-
Dr. B.S.L. Sowjanya	Ph.D.	Assistant Professor	Numerical Analysis	03	-



12. List of Senior Visiting Fellows, Adjunct Faculty, Emeritus Professors

1. Prof. J.N Reddy, Texas A &M University, USA
2. Prof. Debasish Roy, Indian Institute of Science, Bangalore
3. Prof. Romuald Rzadkowski, Polish Academy of Sciences, Poland
4. Dr. Anirbon Bandopadhyay, National Institute of Material Science (NIMS), JAPAN
5. Prof. PK. Choudhury, University Kebangsaan, Malaysia
6. Dr. Tirupathi Gudi, Indian Institute of Science, Bangalore
7. Prof. Bhola Ishwar, B.R. A University, Muzafferpur, Bihar.
8. Dr. A. Venugopal Rao, Defense Metallurgical Laboratory (DMRL), Hyderabad
9. Prof. Rajaneesh Kumar, Kurukshetra University
10. Prof. M. D. Sharma, Kurukshetra University
11. Prof. L.N. Joseph, USA
12. Prof. V. Kannan, Hyderabad Central University
13. Dr. Parithosh Biswas, Von Karman Society, West Bengal
14. Prof. S. Karanjai, Von Karman Society, West Bengal
15. Prof. R.V. Chalam, NIT Warangal
16. Prof. V. Suresh, Hyderabad Central University
17. Prof. B. Shankar, Osmania University
18. Prof. Siva Rama Prasad, Osmania University
19. Prof. Ramana Murthy, Osmania University
20. Prof. K. Sathyanarayana, Osmania University
21. Prof. M. Rangamma, Osmania University
22. Dr. C. Goverdhan, Osmania University
23. Prof. S.S. Bhoosnurmath, Karnataka University, Pavatenagr Dharwad.
24. Prof. Sujatha Ingishetty, Gulbarga University, Gulbarga.
25. Prof. D. Bharathi, S.V. University, Thirupati.
26. Prof. D. Rama Murthy, O.U. Hyderabad.
27. Sri. K. Devaraj, SBH, Moosapet, Hyderabad.
28. Dr. K. Yugandhar ESPN, Software Professional, CT, USA
29. Dr. E. Sathyanarayana, NIT, Surthakal, Karnataka.

13. Percentage of Classes Taken by Temporary Faculty – Program-wise Information

Program	Required Percentage
M.Sc. (Mathematics)	20
M.Sc. (Applied Mathematics)	80

14. Program-wise Student Teacher Ratio

Program	Required Percentage
M.Sc. (Mathematics)	16:1
M.Sc. (Applied Mathematics)	16:1



15. Number of Academic Support Staff (Technical) and Administrative Staff: Sanctioned, Filled and Actual

Name Post	Sanctioned	Filled
Kamati	1	1
CCT	1	1
Attender	1	1
Lab.Asst.	1	1

16. Research thrust areas as recognized by major funding agencies

1. Wave Propagation in Poroelastic Solids
2. Internet Traffic modeling and Performance Evaluation
3. Complex Analysis
4. Reliability Theory

17. Number of faculty with ongoing projects from a) National b) International funding agencies and c) Total grants received. Give the names of the funding agencies, title and grants received project-wise.

Name of the Investigator	Title of the Project	Duration	Grant and Funding Agency
Prof. P. Malla Reddy	1. Propagation of Waves in Cylindrical Compact Trabecular Bone Filled with Bone Marrow.	April-2009 to April-2012	Rs.5,93,834 UGC
	2. Performance Study of Internet Router Employing Partial Buffer Sharing Mechanism under Markovan Model led Self-Similar Variable Packet Length Input Traffic.	March-2010 to Feb-2013	Rs.8,75,280 DST

Dr. T. Sumathi UmaMaheshwari	Reliability Study for Redundancy Cascade System-a Markovian Approach.	Oct-2011 to Sep-2014	Rs.5,51,800 UGC
Dr. L.P. Raj Kumar	Performance Study of Optical Packet Switch (OPS) in Internet Traffic Employing Wavelength Conversion-Matrix Geometric Solutions.	April-2013 to March-2016	Rs.2,76,000 UGC
Dr. R. Bharavi Sharma	Applications of Coefficient inequalities for Univalent, Analytical and Multivalent Functions.	April-2013 to March-2016	Rs.9,06,000 UGC



18. Inter-institutional Collaborative Projects and Associated Grants Received
- a) National Collaboration b) International Collaboration
- Nil
19. Departmental projects funded by DST-FIST;UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
- DST FIST November 2013 –October 2018, Rs.52,50,000/
UGC-Non SAP, Phase-II, Rs.20,00,000
20. Research facility / centre with
- State Recognition
 - National Recognition
 - International Recognition
- Nil
21. Special Research Laboratories sponsored by / created by industry or corporate bodies
- Not Applicable
22. Publications:
- * Number of papers published in peer reviewed journals (national/international):110
 - * Monographs
 - * Chapters in Books One chapter by T.Srinivas and P.Narasimha Swamy (ISBN 978-981-3207-35-6, NEAR-RINGS, NEARFIELDS AND RELATED TOPICS), World Scientific
 - * Edited Books Two
 - * Books with ISBN with details of publishers
 - * Number listed in International Database (For e.g. web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.)
 - * Citation Index-range/average
 - *SNIP
 - * SJR
 - * Impact Factor-Range: 0.2-2
 - * H-index
23. Details of patents and income generated
-
24. Areas of consultancy and income generated
-
25. Faculty selected nationally/internationally to visit other laboratories / institutions / industries in India and abroad
- (i) Prof. Malla Reddy Perati visited School of Medicine, New York University in the year 2012.
- (ii) Prof. Malla Reddy Perati visited Indian Institute of Science, Bangalore



26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other
(Please specify)

Prof. P. Malla Reddy is reviewer for the following international journals:

1. Journal of Vibration and Control (JVC)
2. Journal of Porous Media
3. Special Topics and Reviews in Porous Media, an International Journal
4. Geophysical Journal International
5. International Journal of Communication Systems

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Faculty members in the department attend refresher courses, orientation Programs, workshops, and training programs to improve their skills and credits. Here are few instances:

1. Dr. T. Sumathi Uma Maheshwari attended orientation program at Academic Staff College Osmania University (from 25-8-2006 to 22-9-2006 and refresher course at Academic Staff College, Osmania University (from 7-12-2010 to 29-12-2010).
2. Dr. M. Tirumala Devi attended orientation program at Academic Staff College Osmania University (from 25-8-2006 to 22-9-2006 and refresher course at Academic Staff College, Osmania University (from 7-12-2010 to 29-12-2010).
3. Dr. L.P. Raj Kumar attended orientation program at Academic Staff College Osmania University (from 22-6-2009 to 18-7-2009) and refresher course at Academic Staff College, university of Kerala (from 21-6-2011 to 14-7-2011).
4. Dr. R. Bharavi Sharma attended orientation program at Academic Staff College, Osmania University (from 29-9-2012 to 31-10-2012) and refresher course at Academic Staff College, Jawaarharlal Nehru Technological University (JNTU) (from 2-12-2013 to 21-12-2013).
5. Dr. K. Somaiah attended orientation program at Academic Staff College, Osmania University (from 29-9-2012 to 31-10-2012) and refresher course at Academic Staff College, Jawaarharlal Nehru Technological University (JNTU) (from 2-12-2013 to 21-12-2013).
6. Prof. Malla Reddy Perati visited Institute of Science, Bangalore under the visitor program of Indo-French Centre for Applied Mathematics from 11-1-2014 to 31-1-2014.
7. Dr. K. Somaiah attended UGC Sponsored "Refresher course in Mathematics" at H-R-D-C- (UGC Academic Staff College) University of Hyderabad, Hyderabad from 3-9-2015 to 23-9-2015.
8. Dr. LP. Raj Kumar attended UGC Sponsored "Refresher course in Mathematics" at H-R-D-C- (UGC Academic Staff College) University of Hyderabad, Hyderabad from 3-9-2015 to 23-9-2015.



28. Student projects

- * Percentage of students who have done in-house projects including inter-departmental projects.
30% students of M.Sc. (Applied Mathematics) III Semester students have done Project, "Demand Analysis of SIM cards" using Stochastic Process as part of the curriculum. 30% students have opted this elective.
- * Percentage of students doing projects in collaboration with other universities/industry/institute. Nil

29. Awards/recognitions received at the national and international level

- (i) Prof. T. Srinivas received Rajiv Gandhi excellence Award and Certificate of Excellence of India International Friendship Society New Delhi in the year 2012.
- (ii) Prof. K. Sambiah (Retired on 31-3-2013) received State Best Teacher Award of the A.P. State Government for the year 2013.

30. Seminars / Conferences / workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

1. MATLAB & LATEX Training Program
2. 5th National Conference on Applicable Mathematics in Wave Mechanics and Vibration (WMVC-2010), 13-15, March, 2010. This was funded by National Board for Higher Mathematics (NBHM, DAE), DST, UGC, and APSCHE; there were 50 papers and 75 participants from 9 states. Prof. B.G. Siddhartha, Director, Birla Planetarium, Hyderabad, Dr. B.V.Reddy, Retired Scientist, National Physical Laboratory (NPL), New Delhi. Late Prof.M. Tajuddin, Professor of Mathematics, Osmania University, Prof. Kama Sunder Rao, Retired Professor of Civil Engineering, NIT Warangal, Prof. T.K.V Iyengar, Retired Professor of Mathematics, NIT, Warangal, and Dr. U. Purushotham Scientist, C-Met, Hyderabad, and the members of von-Karman Society, west Bengal were the outstanding participants.
3. Training Program on Mathematical Programming and Advanced Analysis for PG Faculty of Affiliated Colleges, 8-11 April, 2011. This is funded by UGC. There were 50 participants. Outstanding resource persons were 1. Prof. V. Suresh, Shanti Swaroop Bhatnagar Awardee, Prof. S. Kumaresan, both are from Hyderabad Central University, prof. V. Siva Rama Prasad, Osmania University and Prof. T. Ram Reddy Retired Professor of Mathematics, Kakatiya University.
4. Training Program to PG Teachers of Affiliated Colleges from 25-04-2012 to 01-05-2012, sponsored by APSCHE.
5. National Conference on Applications of Mathematics in Engineering and Industry (NCAMEI-2013), 26-28 March, 2013. This is funded by UGC and APCHE.



There were 30 papers. Outstanding resource persons were Prof. Victor Babu, Professor of Statistics, Nagarjuna University, Prof. Y.N. Reddy, Prof. G. Radha Krishnama Charya both are Professors of mathematics, from NIT Warangal, Prof. K.L.A.P. Sharma, professor of Mathematics, Sri Krishnadevaraya University, and Prof. N. Bhaskar Reddy, Professor of Mathematics, Sri Venkateshwara University.

6. International Conference on Vibration Problem (ICOVP-2015) was jointly organized with collaboration of Department of Mechanical Engineering, KU College of Engineering & Technology and Von Karman Society, West Bengal during February 18-20, 2015. It was funded by Telangana State Council for Higher Education, UGC, Department of Atomic Energy, and Ministry of Earth Sciences. Besides Indian participants, there were foreign participants from USA, Poland, Japan, Malaysia, Italy and Africa. The following were keynote and Invited speakers:

1. Prof. J.N Reddy, Texas A &M University, USA
2. Prof. Debases Roy, Indian Institute of Science, Bangalore
3. Prof. Romuald Rzakowski, Polish Academy of Sciences, Poland
4. Dr. Anirbon Bandopadhyay, National Institute of Material Science (NIMS), JAPAN
5. Prof. PK. Choudhury, University Kebangsaan, Malaysia
6. Dr. Thirupati Gudi, Indian Institute of Science, Bangalore
7. Prof. Bhola Ishwar, B.R. A University, Muzafferpur, Bihar.
8. Dr. A. Venugopal Rao, Defense Metallurgical Laboratory (DMRL), Hyderabad
9. Prof. Rajaneesh Kumar, Kurukshetra University
10. Prof. M. D. Sharma, Kurukshetra University
11. Prof. L.N. Joseph, USA
12. Prof. V. Kannan, Hyderabad Central University
13. Dr. Parithosh Biswas, Von Karman Society, West Bengal
14. Prof. S. Karanjai, Von Karman Society, West Bengal
15. Prof. R.V. Chalam, NIT Warangal

31. Code of ethics for research followed by the department.

1. Departmental Research Committee (DRC) is constituted to take care of quality in the research and to track the status of research of Ph.D. Students.
2. Every research scholar should give two open seminars before submission of the thesis.

32. Student profile program-wise:

Name of the Programme (refer to question no.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc. (Mathematics)	3500	16	23		
M.Sc. (Applied Mathematics)	3500	09	21		
Ph.D.	150	10	7		



33. Diversity of students

Name of the Programme (refer to question no.4)	% of students from the same Universi ty	% of students from other Universitie s within the state	% of students from Universities outside the state	% of students from other countries
M.Sc. (Mathematics)	75	25	-	-
M.Sc. (Applied Mathematics)	80	20	-	-
Ph.D.	73	17	-	-

34. How many students have cleared Civil Services and Defense Service examinations, NET, SET, GATE and other competitive examinations? Give details category –wise.

After NAAC Accreditation in 2009, 10 students got through SET and 8 students got through GATE.

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	4
Ph.D. to Post-Doctoral	6
Employed	
Campus selection	70
Other than campus recruitment	4
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same University	60
From other Universities within the state	40
From Universities from other States	Nil
From the universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

One



38. Present details of departmental infrastructural facilities with regard to

a. Library

There are 1236 text books and reference books in the departmental library. Each student can borrow three text books. There are back volumes of the journals. Department subscribes a few journals under the provision of Major Research Projects sanctioned to the faculty members.

b. Internet facilities for staff and students.

Internet facility is available for both staff and students.

c. Total number of class rooms

Five

d. Class rooms with ICT facility

One

e. Students` laboratories

Two computer labs

f. Research laboratories

Not applicable.

39. List of doctoral, post-doctoral students and Research Associates

a) From the host institution/university

Sl.No.	Name of the Students	Designation	Remarks
1.	Dr. G. Rajitha	Postdoctoral	Postdoctoral fellow under UGC Women Postdoc Scheme, Mentor : Prof. P. Malla Reddy
2.	Dr. D. Rajaiah	Ph. D from KU	CSIR, GATE, Currently Post Doc at Osmania University under Dr. D.,S. Kothari Post Doc Scheme of UGC.
3.	Dr. B. Sandhya Rani	Ph. D from KU	Currently Post Doc at Osmania University under Dr. D.,S. Kothari Post Doc Scheme of UGC.
2.	G. Ravi Kumar	Ph.D.	NET (CSIR), was Project Fellow in DST MRP of Prof. P. Malla Reddy
3.	D. Ranadeer	Ph.D. Student Submitted	GATE and with Prof. P. Mall Reddy
4.	P. Hari Prasad	Ph.D. Student	With Dr. T. Sumathi Uma Maheshwari
5.	K. Sandhya	Ph.D. Student	With Dr. T. Sumathi Uma Maheshwari
6.	V. Sathish	Ph.D. Student	With Dr. T. Sumathi Uma Maheshwari
7.	R. Ramesh	Ph.D. Student Submitted	with Prof. P. Mall Reddy
8.	R. Manjula	Ph.D. Student Submitted	with Prof. P. Mall Reddy
9.	Ch. Balu	Ph.D. Student	GATE and with Prof. P. Mall Reddy
10.	B. Yakaiah	Ph.D. Student Submitted	with Prof. A. Srihari Rao (KITS)
11.	B. Radhika	Ph.D. Student	with Prof. A. Srihari Rao (KITS)
12.	T. Gopal Rao	Ph.D. Student	With Prof. K.V.V. Seshagiri Rao



13.	Ms. M. Hari Priya	Project Fellow Ph.D. Student	UGC MRP with Dr. R. Bharavi Sharma
14.	P. Ashok	Ph.D. Student	RGNF with Dr. T. Sumathi Uma Maheshwari
15.	K. Rajya Lakshmi	Ph.D. Student	With Dr. R. Bharavi Sharma
16.	M. Rajesh	Ph.D. Student	With Dr. R. Bharavi Sharma
17.	K. Ganesh	Ph.D. Student	With Dr. R. Bharavi Sharma
18.	B. Ravinder	Ph.D. Student	With Dr. R. Bharavi Sharma
19.	V. Suman Kumar	Ph.D. Student	With Dr. R. Bharavi Sharma
20.	P. Sumalatha	Ph.D. Student	With Dr. R. Bharavi Sharma
21.	L. Bhaskar	Ph.D. Student	NFHE With Prof. T. Srinivas

- (i) So far 54 Ph.Ds are awarded from the Department.
- (ii) One Research Associate, Dr. T. Sumathi Uma Maheshwari.
- (iii) Currently, one postdoctoral fellow Dr. G. Rajitha, working with Prof. P. Malla Reddy under Postdoctoral scheme of UGC for Women.

b) From other institutions/universities

- (i) Dr. P. Malla Reddy has done his Ph.D. from Osmania University, and Post doctorate from National Taiwan University, Taiwan.
- (ii) Dr. E. Sathyanarayana has done his Ph.D. from IIT Chennai, and post Transfer to Jawaharlal Nehru Centre for Advanced Studies, Bangalore.

40. Number of post graduate students getting financial assistance from the university.

95% of postgraduate students are getting scholarship from social welfare department of state government

Two post graduate students are getting scholarship from UGC under single child scheme.

41. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.

Before the development of new programme, first, review on the necessity of the programme will be made in the Departmental Committee meeting. Then the curriculum and scheme of the evaluation will be designed by the Board of Studies (BOS) In BOS, there are two external experts from other Universities/institutes and one expert from industry apart from local members. Approved curriculum and scheme will be sent to Academic senate for approve.



42. Does the department obtain feedback from.

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Department obtains feedback informally from the faculty on curriculum and teaching-learning evaluation. Accordingly, curriculum will be revised by BOS. The minimum period for the revision of the curriculum is two years.

- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Students give feedback on teaching-learning-evaluation during welcome, farewell, and other meetings. Students give on the faculty members using feedback form. They submit completed form to the Head. Head would review the feedback information and take necessary action with the consultation of senior faculty members and DC members. Moreover, BOS will design or revise the curriculum by taking the feedback of the students into consideration.

- c. Alumni and employers on the program offered and how does the department utilize the feedback?

43. List the distinguished alumni of the department (maximum 10)

- (i) Late Prof. M.Tajuddin, Professor of Mathematics, Osmania University.
- (ii) Dr. Thirupati Gudi, Assistant Professor of Mathematics, Indian Institute of Science, Bangalore.
- (iii) Dr. P. Narsimha Swamy, Assistant Professor of Mathematics, GITAM University, Hyderabad.
- (iv) Dr.E.Satyanaryanas, Assistant Professor of Mathematics, NIT, Surrathkal.
- (v) Dr. K. Yugandhar ESPN, Software Professional, CT, USA
- (vi) Dr. A. Rama, Assistant Professor of Mathematics, Osmania University.
- (vii) Prof. S. Ahmed Shah, Professor of Mathematics, Deccan Engineering college, Hyderabad.
- (viii) Mr. B. Balaji, Assistant Professor of Computer Science Engineering, Vignan University, Vijayawada.
- (ix) Mr. N. Yadagiri, Municipal Commissioner.

44. Give details of student enrichment program (special lectures / workshops / seminar) Involving external experts.

Every year department arranges couple of special lectures besides at least one workshop or training programme for the affiliated colleges faculty or conference wherein students also attend. List of external experts is to be approved by the Departmental Committee (DC). In the academic year 2013- 2014, there were three special lectures:



- (i). Prof. A. Srinivas, Dr. B.R. Ambedkar Open University, topic was Analytic functions and singularities.
- (ii). Prof. Bh. Sathyanarayana, Nagarjuna University, Guntur, topic was Ring theory.
- (iii). Prof. N. Srinivas, Jawaharlal Nehru Technological University (JNTU), Hyderabad, topic was Mathematical modeling.

45. List the teaching methods adopted by the faculty for different program

Faculty members go for PPT presentations using DLP or LCD when the content of the lecture

- (i) do not involve many equations,
- (ii) is of bullet points,
- (iii) Involves three dimensional geometry.

Teaching philosophy of the department as follows:

Department feels that motivation to learn the subject is very important in teaching. Faculty members do this by posing the questions to the students such as “How it is brought to picture? What are the constraints with the earlier one?” Faculty members while teaching applied courses, take the examples, illustrations, and problems from the real world and the problems of other programmes. Department believes in “Heuristic teaching methodology”, which involves active participation of students. Moreover, faculty emphasize abstract courses like Analysis and Algebra and even start with the fundamentals, because most of the students do not have proper instructions at B.Sc. level in these courses.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

To ensure the programme objectives, department makes the reviews based on two long run performance metrics: 1. student's progression 2. credits of the faculty. Learning outcomes are monitored by analyzing the performance of students in slip tests, internal examinations, and main examinations.

47. Highlight the participation of students and faculty in extension activities.

- (i). Some students are in NSS and they participate in many social service programme.
- (ii). In the academic year 2013-2014, final year students visited nearby social welfare hostels and taught them Mathematics.
- (iii). In the academic year 2013-2014, final year students gave coaching for the candidates of VRO and VAO test which is conducted by Andhra Pradesh Public Service Commission.
- (iv). Department conducted an Aptitude test on 22-12-2013, on the occasion of Srinivas Ramanujan's birth day.



48. Give details of “beyond syllabus scholarly activities” of the department.

Every academic year, department arranges personality development programme.
Every year department encourages the students to make trips to nearby tourist places.

49. State whether the programme / department is accredited/ graded by other agencies? If yes, give details.

No.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Apart from the teaching activity, faculty members are seriously working in their research domains and have contributions in Research and Development (R&D).

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

1. Department is recognized by Department of Science and Technology (DST) under FIST Programme sanctioned in 2013.
2. All the faculty members are relatively younger, serious in the assignments, and have work culture.
3. Faculty size is small when compared to the needs of the Department and University.
4. There are more than 20 research scholars pursuing Ph.D. and are serious in teaching and research.
5. Department has to produce CSIR and GATE candidates.

52. Future plans of the department

1. Department is focusing on effective utilization of funds sanctioned under FIST Programme.
2. Department is planning to increase students – faculty ratio.
3. Department is planning to emphasis interdisciplinary nature of Mathematics to motivate the students towards industry.
4. Department is planning to start new programme M.Sc. (Mathematics with Computer Science) in collaboration with the department of Computer Science Engineering, KU College of Engineering.
5. Improvements from the last academic year and future projections for the next Five years is given by the following table:

Metric \ Year	2012-13	2013-14	2014-15	2015-2016	2016-2017
Faculty Size	7	8	13	08	08
No. of P.G. Programme	2	2	2	02	02
No. of M.R.P's	3	3	6	02	-
No. of Ph.D. Supervisors	3	5	7	07	10



EVALUATIVE REPORT – MICROBIOLOGY DEPARTMENT

1. Name of the Department : MICROBIOLOGY
2. Year of establishment : 1993
3. Is the Department part of a School/Faculty of the university?

Faculty of Science

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

PG, Ph. D

5. Interdisciplinary programmes and departments involved

Nil

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Nil

7. Details of programmes discontinued, if any, with reasons

No

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Choice Based Credit System (CBCS) Semester system

9. Participation of the department in the courses offered by other departments

- Integrated Chemistry
- Integrated Biotechnology

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors / Asst. Professors / others)

	Sanctioned	Filed	Actual (Including CAS & MPS)
Professors	--Nil--	--Nil--	
Associate Professors	--Nil--	--Nil--	
Assistant Professors	04	04	
Others Assistant Professors (Contractual Basis)	03	03	



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualifications	Designation	Specialization	No. of years of Experience	No. of Ph. D/ M.Phil students guided for last 5 years
Prof. M.A. Singara Charya	M.Sc. Ph.D.	Professor	Environmental Microbiology	30 Years	10
Prof. S. Girisham	M.Sc. Ph.D.	Professor	Microbial Biotechnology	25 Years	08
Dr. Srinivas Munjam	M.Sc. Ph.D.	Asst. Professor	Microbial Biotechnology	15 Years	--Nil--
Dr. P. Venkataiah	M.Sc. Ph.D.	Asst. Professor	Molecular Biology	20 Years	--Nil--
Dr. E. Sujatha	M.Sc. Ph.D.	Asst. Professor	Microbial Diversity	16 Years	--Nil--
Dr. T. Raja Komuraiah	M.Sc. Ph.D.	Asst. Professor	Microbial Biotechnology	15 Years	--Nil--
Dr. K. Narasimha Rao	M.Sc. Ph.D.	Asst. Professor	Mycotoxins	06 Years	--Nil--
Dr. A. Suryam	M.Sc. Ph.D.	Asst. Professor	Agricultural Microbiology	06 Years	--Nil--
Dr. B. V. Gopinath	M.Sc. Ph.D.	Asst. Professor	Environmental Microbiology	06 Years	--Nil--

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Prof. M. A. Singara Charay UGC-BSR Faculty Fellow

13. Percentage of classes taken by temporary faculty –programme-wise information

- M.Sc. Microbiology Programme: 30%
- PhD Programme: Nil

14. Programme-wise student Teacher Ratio

Programme	Student Teacher Ratio
M.Sc.	1:10
Ph.D.	1:6

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Academic Staff (Technical)		Administrative Staff	
Sanctioned	Filled	Sanctioned	Filled
04	04	02	02



16. Research thrust areas as recognized by major funding agencies

- Microbial diversity; Biosystematics
- Biofertilizers : VAM Technology
- Microbial technology
- Biofuels ; Hydrogen ,Ethanol
- Industrial enzymes: Laccases, Proteases, Lipases, Amylases
- Environmental Microbiology: Biodegradation of dyes
- Mycotoxicology
- Post harvest diseases
- Plant Biotechnology
- Molecular Plant Microbe Interactions
- Medical Microbiology: Dermatophytes, TB, HIV, COPD
- Fresh water microbiology: Potable water
- Biotransformations
- Thermophiles –Thermostable enzymes

17. Number of faculty with ongoing projects from a) National b) International funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Ongoing Projects

Sl. No.	Name of the Faculty	Funding agency	Amount (in Lakhs)	Title of the project
1	Prof. M. A. Singara Charya	MoEF	15.5	Biodiversity of Macrofungi in Andhra Pradesh Applications in paper and pulp industries for biobleaching and biopulping
2	Prof. S. Girisham	UGC	12.5	Incidence, toxicology and management of mycotoxigenic <i>Penicillia</i> in foods and feeds
3	Dr. Srinivas Munjam	UGC	12.0	Biomass and bioenergy (H ₂) Production by Anoxygenic phototrophic bacteria; an alternative energy source
		DST-SERB	22.0	Strain improvement strategies in anoxygenic phototrophic bacteria for enhancement of bio-fuel (H ₂) production
4	Dr. P. Venkataiah	DBT	42.8	Genetic transformation of Turmeric (<i>Curcuma longa</i> L.) with AtNPR1 gene and evaluation of transgenic plants for broad- spectrum disease resistance .
		DAE-BRNS	24.0	Genetic transformation of Chickpea (<i>Cicer arietium</i> L) with a difensin (Rs-AFP2) Gene and evaluation of the transgenic plants for resistance to <i>Fusarium</i> .
		DBT (Co-PI)	42.6	Genetic engineering for male sterility by the expression of Cysteine Protease (CP) gene in Chilli Pepper (<i>Capsicum annum</i> L.).



5	Dr. E. Sujatha	UGC	10.5	Isolation, screening, optimization and strain improvement of thermophilic fungi for cellulase production
6	Dr. T. Raja Komuraiah	DST-SERB	21.5	Diversity of microbial population from underground coal- mine soils of Andhra Pradesh, India.
		DST-SERB	32.2	Diversity of Antibiotic Producing Novel Strains of Actinomycetes from Municipal Waste Compost of Andhra Pradesh India.

Completed Projects

Sl. No.	Name of Faculty	Funding Agency	Amount (in Lakhs)	Duration	Title of the Project
1.	Prof. M.A. Singara Charya	DBT	20.0	2006-2009	Optimization of ethanol production by agro-wastes.(in collaboration with NIT, Rourkela)
		UGC	9.07	2009-2012	Production, optimization and characterization of β -glucans from <i>Phyllotopsis nidulans</i> in submerged cultivation for their antimicrobial and antioxidant properties.
		U.G.C (B.S.R., Single grant)	7.00	2010-2011	Production and characterization of lignin peroxidase by white rot fungi for industrial applications
2.	Prof. S. Girisham	UGC	8.50	2007-2010	Biodiversity of Thermophilic fungi and their Biological Applications
3.	Dr. P. Venkataiah	UGC	9.70	2011-2014	Genetic transformation of Chilli Pepper (<i>Capsicum annum</i> L.) with chitinase gene for fungal disease resistance.
4.	Dr. T. Raja Komuraiah	UGC	11.50	2011-2014	Assessment of arbuscular mycorrhizal fungi (AMF) and other microbial association from rhizosphere soils of Bt-cotton and non-Bt-cotton fields of Godavari belt.

18. Inter-institutional collaborative projects and associated grants received.

a) National collaboration: 01- With Dr. P. Suprassana, Head, Plant Stress Physiology & Biotechnology Division, Nuclear Agriculture & Biotechnology Division, Bhabha Atomic Research Centre, Mumbai

b) International collaboration: Nil



19. Departmental Projects funded by DST-FIST; UGC-SAP/CAS;DPE; DBT, ICSSR, AICE, etc; total grants receives.

- SAP-DRS Programme: University Grants Commission (UGC), New Delhi has sanctioned Rs. 47.40 lakhs under SAP-DRS scheme for promotion of infrastructural facilities and Research in the department.
- UGC-BSR Fellowships: UGC, New Delhi has sanctioned 5 Research Fellowships for the promotion of Basic Scientific Research
- FIST: Fund For Improvement Of S&T Infrastructure In Universities And Other Higher Educational Institutions (FIST) : Rs. 25.0 Lakhs

20. Research facility/centre with

- State recognition : Nil
- National recognition : Nil
- International recognition : Nil

21. Special research laboratories sponsored by/created by industry or corporate bodies

--Nil--

22. Publications

:

- Number of papers published in peer reviewed journals : 200
- (National / International) : 02
- Monographs : 05
- Chapters in Books : 02
- Edited Books : 02
- Books with ISBN with details of publishers (Scientific Publishers, INDIA): 02
- Number listed in International Database
- (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.) Nil
- Citation Index – range / average : 1- 60
- SNIP : 1- 60
- SJR : --
- Impact Factor – range / average : 0.34-6.66
- h-index : 4-10

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated : Nil

25. Faculty selected nationally/internationally to visit other laboratories/institutions /industries in India and abroad : Nil



26. Faculty serving in

- a) National committees :
- b) International committees :
- c) Editorial Boards :
- d) Any other (please specify) :

27. Faculty recharging strategies (UGC, ASC, Refresher/Orientation programs, workshops, training programmes and similar programs).

Name of the Faculty	Programme attended
Dr. Srinivas Munjam	Attended 63rd Orientation course, conducted by UGC Academic Staff College, Banaras Hindu University, Uttar Pradesh, from 04.01.2013 to 31.01.2013.
	Attended 19th Refresher course, conducted by UGC Academic Staff College, Jawaharlal Nehru University, New Delhi, from 13.01.2014 to 07.02.2014.
	Attended Two week program on "Teacher empowerment IT Champion", Sponsored by MHRD and Microsoft India, organized by Kakatiya University, Warangal from 01.04.2014 to 10.04.2014
Dr. P. Venkataiah	Attended 73rd Orientation course, conducted by UGC Academic Staff College, Osmania University, Hyderabad, from 28.09.2012 to 31.10.2012
	Attended Refresher Course in Life Sciences, Organized by UGC-Academic Staff College, University of Hyderabad from 08.11.2013 to 28.11.2013
	Attended Two week program on "Teacher empowerment IT Champion", Sponsored by MHRD and Microsoft India, organized by Kakatiya University, Warangal from 01.04.2014 to 10.04.2014
Dr. E. Sujatha	Attended 73rd Orientation course, conducted by UGC Academic Staff College, Osmania University, Hyderabad, from 28.09.2012 to 31.10.2012
	Attended Refresher Course in Life Sciences, Organized by UGC-ASC, Sri Venkateswara University - 2013
	Attended Two week program on "Teacher empowerment IT Champion", Sponsored by MHRD and Microsoft India, organized by Kakatiya University, Warangal from 01.04.2014 to 10.04.2014
	Attend DBT sponsored National Short term course on "Animal Cell Cultures & Molecular Diagnostic Techniques" from 18 th August to 1 st September, 2014.
	Attended National Workshop on "Continuous Medical Education on Clinical Immunology past and Present" organized by Department of Biotechnology, NIT, Warangal on 20 th and 21 st January, 2016.
Dr. T. Raja Komuraiah	Attended 73rd Orientation course, conducted by UGC Academic Staff College, Osmania University, Hyderabad, from 28.09.2012 to 31.10.2012
	Attended Refresher Course in Life Sciences, Organized by UGC-Academic Staff College, University of Hyderabad from 08.11.2013 to 28.11.2013
	Attended Two week program on "Teacher empowerment IT Champion", Sponsored by MHRD and Microsoft India, organized by Kakatiya University, Warangal from 01.04.2014 to 10.04.2014
Dr. Srinivas Munjam	Attended 63rd Orientation course, conducted by UGC Academic Staff College, Banaras Hindu University, Uttar Pradesh, from 04.01.2013 to 31.01.2013.



28. Student projects

- percentage of students who have done in-house projects including interdepartmental projects: 100%
- percentage of students doing projects in collaboration with other universities/industry/institute :100%

29. Awards / recognitions received at the national and international level by

- Faculty : 02

1. Prof. M.A. Singara Charya Awarded AP Meritorious Teacher 2013
2. Dr. T. Raja Komuraiah Awarded Dr. APJ Adbul Kalam Gold medal-2015

- Doctoral /Post Doctoral fellows :
- Students :

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstation participants, if any.

- National Seminar on Recent Trends in Molecular Microbiology and Microbial Technology – 22nd -24th January 2009
- Orientation programme in Life Sciences for secondary school Teachers - I. 9th –14th July 2009
- National Seminar on Microbial Diversity- Exploration & Bioprospecting, 27th – 28th March 2010
- Orientation programme in Life Sciences for secondary school Teachers - II. 9th – 14th July 2010
- National Seminar on Recent Trends in Microbial Technology. 26th – 27th March 2011
- National Seminar on Challenges, opportunities and Emerging Trends in Microbial Technology. 26th – 27th March 2012
- National Seminar on Ethics in Microbiology, 25th July 2015

31. Code of ethics for research followed by the departments:

- Departmental Research Committee (DRC) is constituted to take care of quality in the research and to track the status of research of Ph. D students.
- Every research scholar should give two open seminars before submission of the thesis.



32. Student profile programme-wise

Name of the Programme (refer to question no 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
PG*	500	12	24	100%	100%
Ph.D*	100	10	06	100%	100^

*Yearly average figures

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the university	% of students from other universities within the State	% of students from universities outside the state	% of students from other countries
PG	85%	15%	Nil	Nil
Ph.D.	85%	15%	Nil	Nil

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Civil Services and Defence Services examinations	- Nil
NET	- 06
SET	- 12
GATE	- 10

35. Student progression

Students progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	25%
Ph.D. to Post-Doctoral	15%
Employed - Campus selection - Other than campus recruitment	20% 40%
Entrepreneurs	20%



36. Diversity of Staff

Percentage of faculty who are graduates of	
The same university	100%
From other universities within the State	Nil
From universities from other States from	Nil
Universities outside the country	Nil

37. Number of faculty who were M. Phill., Ph.D., D.Sc. and D. Litt. during the assessment period

--Nil--

38. Present details of departmental infrastructural facilities with regard to

a). Library	: Departmental Library
b) Internet facilities for staff and students	: Yes
c) Total number of class rooms	: 02
d) Class rooms with ICT facility	: 02
e) Students laboratories	: 04
f) Research laboratories	: 06

39. List of doctoral, post-doctoral students and Research Associates

- From the host institution/university

Sl. No	Name of the Scholar	Designation	Funding agency
1	Dr. A. Suresh	PDF	UGC
2	K. Jyothi Rani	Project Fellow	UGC
3	S. Santhosh Kumar	Project Fellow	UGC
4	G. Krishna	Project Fellow	MoEF
5	P. Bhanu Prakash	Project Fellow	DBT
6	K. Sarika	Project Fellow	DST-SERB
7	T. Gangadhar	Project Fellow	DST-SERB
8	D. Suvarchala	Project Fellow	DST-SERB
9	S.. Suman Kalyan	Project Fellow	DAE-BRNS
10	G. Ravi	RGNF	UGC
11	N. Shobha Rani	Research Scholar	--
12	B. Aruna	RGNF	UGC
13	Gousiya Begum	Research Scholar	--
14	V. Swetha	Research Scholar	--
15	K. Guna Swetha	RGNF	UGC
16	Ch. Jyothi	RGNF	UGC
17	P. R. Ramya	Inspire Fellow	DST

- From the other institutions/universities : Nil

40. Number of post graduate students getting financial assistance from the university.

60



41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- Based on the expertise available within the staff of this Department, different research activities were formulated to achieve the major goal. During which the researches were projected their innovative methods for the fulfilling of their aims and objectives. An individual research was encouraged with novel thought and the appropriate method adopted was highlighted. In view of the rich research availability in the department in the form of infrastructure and human resource the grant product development is the theme. All the methods followed are directed to achieve the target and underline the importance of original idea of the research programmes.

42. Does the development obtain feedback from

- i. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes. Time to time the department will obtain feedback from the faculty on curriculum and evolve method to update it. The new thoughts, contemporary ideas, novel programmes and student friendly syllabus shall be incorporated to strengthen the curriculum.

- ii. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

After completion of the degree the student is given a feedback form for their opinion and suggestion in terms of evaluation. Accordingly the department and the administration together plan for the improvement of educational quality and refresh the teachers involved in active teaching.

- iii. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Every year the alumni meet shall be conducted and their feedback is sought for the improvement of quality in education and providing adequate facilities for the students. Similarly the feedback from the employers also collected and used for the promotion of infrastructure and providing good accommodation to the students.

43. List the distinguished alumni of the department (maximum 10)

1. Dr. P. Pavan Kumar - Associate Professor, Palamuru University
2. Dr. D. Vijayalaxmi - Asst Professor, Yogi Vemana University, Kudapa



3. Dr. MD. Rafiyuddin - Assistant Professor, Medical College, Libiya
4. Dr. D. Ramakrishna - Scientist, Austria
5. Dr. K. Rajeshwer Reddy - Professor, Medical College, Nepal
6. Dr. V. Koteswar Rao - Scientist, NCL, Pune
7. Dr. Shyam Prasad - Kothari Fellowship, OU
8. Dr. R. Rnait - Scientist, DuPont, Hyderabad
9. Dr. Srishailam Goud - PDF Fellow, Switzerland
10. Mrs Reshma Sahik - Indian Railways catering service
11. Mr. N. Vivek - Inspire Fellow, CSIR laboratory, Kerala

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- The department is actively participating in the organization of training programme, workshops, seminars, student counseling etc.
- The student performance is assessed through the introduction of semester system. Enough emphasis is given to internal assessment.

45. List of teaching methods adopted by the faculty for different programmes.

- Over head projectors
- DLP Projectors
- Internet facility
- Real objects
- Online teaching lectures
- Video lectures

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Programme objectives are monitored through periodical test, University exams, competitive examinations, campus selections and also from the feedback from the students and parents.

47. Highlight the participation of students and faculty in extension activities.

- The students are trained in R&D institutes and industries. They are encouraged to take up the project work and give the seminars. The students are encouraged to appear for NET, SLET and other competitive examinations.

48. Give details of “beyond syllabus scholarly activities” of the department.

- The senior faculty is actively engaged as resource persons to various academic bodies like universities, institutes, government agencies, NGOs. They are also acting as resource persons for authorities of competitive examination like TSPSC, UPSC.

49. State whether the programme/department is accredited / graded by other agencies?

No



50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- The department is actively participating in the organization of training programme workshops, seminars, student counseling etc.

51. Details of five major strengths and Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- Regular evaluation by conducting seminars and quiz programmes among the students
- Assigning Internal Projects to the students to develop the skills in Microbiology
- Well equipped laboratory facilities are available to perform the laboratory exercises individually
- Highly qualified teaching faculty having exposure in different microbiological and biotechnological areas
- Orientation courses for High School teachers to update and improve their theoretical and practical skills.
- We have adequate expertise as evidenced by our research publications.
- We have published research papers with good impact factor.
- Citation index: our research papers are cited in journals and books. We have established linkage/collaborations with Professors of Indian and foreign universities for undertaking research work.
- We have obtained gene constructs for our collaborative research work.
- Sufficient laboratory space and other infrastructural facilities

Weaknesses:

- Lack of sufficient number of faculty
- Noninterest of students towards M.Sc. programmes

Opportunities :

- It is an interdisciplinary course which encompasses all basic science subjects.
- Microbiology is a technology with profuse agricultural, medicinal and industrial applications.
- PG students and Ph. D scholars find job opportunities in Government, private sectors, entrepreneurship

Challenges:

- Opportunities have become problem for Biotech students when compared with information technology.
- To prepare the students to meet the global market in teaching, research and extension.



52. Future plans of the department.

- To develop the state- of- art laboratories to train the students in latest technologies
- To improve the teaching by computer aided, NET based methodologies
- To establish interaction and collaboration with industry to enhance job opportunities
- To develop computer lab with biostatistics and bioinformatics software. Providing the accessibility to online journals
- To establish language laboratory for improving the communication and writing skills
- To modernize the curriculum to suit the need of industry and competitive examinations
- Personality development of the students keeping in view global demands



EVALUATIVE REPORT – PUBLIC ADMINISTRATION & HRM DEPARTMENT

1. Name of the Department: Public Administration & Human Resource Management
2. Year of establishment : 1968
3. Is the Department part of a School/Faculty of the University?

Yes

4. Names of programmes offered (UG, PG, M.Phil., Ph. D., Integrated Masters; Integrated Ph.D., D. Sc., D. Litt., etc.)

	PG	M. Phil.	Ph. D
Public. Admn.	M. A.	Yes	Yes
Human Resource Management	M H R M	Yes	Yes

5. Interdisciplinary programmes and departments involved

- NIL –

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

- NIL –

7. Details of programmes discontinued, if any, with reasons

- NIL –

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

-- Semester System & Choice Based Credit System

9. Participation of the department in the courses offered by other departments –

Computer Science –

10. Number of teaching posts sanctioned, filled and actual (Professors / Associate professors / Asst. professors / others)

	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	02	--	09
Associate Professors	04	--	--
Asst. Professors	11	03	03
Others			

- As on today 5 posts are vacant.



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph. D /M. Phil. Students guided for the last 4 years
Dr. K. Seetha Rama Rao	M.A., M. Phil., Ph. D	Professor	Public Policy Rural Development & Local Governance Administrative Theory	36	7
Dr. B. Prabhakar Rao	M.A., Ph. D.,	Professor	Human Resource Management Organizational Behaviour Management Science	28	6
Dr. R. Ram Reddy	M.A., M. Phil., Ph. D	Professor	Human Resource Management Industrial Relations Public Sector management	27	1
Dr. P. Narasimha Rao	M.A., M. Phil., Ph. D	Professor	Management Science Administrative Theory Rural Development Administration	22	15
Dr. G. Rameshwaram	M.A., Ph. D	Professor	Management Science & Techniques Health Administration & Development Social Psychology and Counseling	22	17
Dr. P. Narendra Babu	M.A., M. Phil., Ph. D	Professor	Personnel Management Rural Development Administration Tribal Development Administration	22	9
Dr. M. Vidyasagar Reddy	M.A., M. Phil., Ph. D	Professor	Personnel management Organizational Behaviour	22	20
Dr. P. Sambaiah	M.A., M. Phil., Ph. D	Professor	Rural Development Administration Administrative Theory Adult education	22	9
Dr. K. Chokkaiah	M.A., M. Phil., Ph. D	Professor	Tribal Development Administrative Theory	22	9
Dr. T. Satyanarayana	M.A., M. Phil., Ph. D	Professor	Health Administration Rural Development Administration	22	10



Dr. T.V. Sujatha Kumari	M.A., M. Phil., Ph. D	Asst. Professor	Personnel Management Industrial Relations	9	6
Dr. G. Pani	M.A., Ph. D	Asst. Professor	Urban governance Dalit studies	9	-
Dr. T. Yadagiri Rao	M.A., Ph. D	Professor	Public Policy Tribal Development		6
Dr. P. Srinivasa Rao	M.A., Ph. D	Asst. Professor	Welfare Administration		--

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Dr. Zeng Xiangyu, Institute of South Asian Studies, Sichuan University, Peoples Republic of China 10-16th March, 2014

Emeritus Professors: 1. Prof. V. Shobha 2. Prof. K. Chokkaiah

13. Percentage of classes taken by temporary faculty – programme-wise information-

NIL

14. Programme-wise Student Teacher Ratio

Public Administration	M.A. 70	M. Phil. 12	Total 82/5	Ratio 1 : 15
HRM	MHRM 84	M. Phil. 12	Total 96 / 6	Ratio 1 : 15

15. Number of academic support staff (technical) and administrative staff:

Sanctioned, filled and actual sanctioned – 1 Clerk –cum-Typist

16. Research thrust areas as recognized by major funding agencies

1. Public Policy 2. Tribal Development 3. Human Resource Management
4. Local Governance. 5. Women Studies 6. Disaster Management.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) total grants received. Give the names of the funding agencies, project title and grants received project-wise

1. Prof. K. Seetharama Rao : Management of Tank Irrigation in Telangana – A Study, UGC MRP, Rs. 5,60,000/-
2. Prof. P. Narendra Babu : Administration of Tribal Education Programme – with Reference to Girl Education in Andhra Pradesh – A Study, Rs. 8,64,900/- UGC.
3. Prof. P. Sambaiah: “Primary Education in Andhra Pradesh”. Rs. 5 lakhs, UGC



4. Prof. T. Satyanarayana: "Universalization of Health Care Policy – A Study in Andhra Pradesh" Rs. 5,25,000/- Lakhs, UGC
5. Prof. K. Chokkaiah : "Tribal Participation in Developmental Programmes – A Case Study". Rs. 2, 90, 000/-, UGC
6. Prof. Ch. Bala Ramulu and Prof. P. Narasimha Rao : Urban Governance and Private Partnership in Andhra Pradesh – select study of Municipal Corporations Rs. 8,00,000/-, UGC
7. Prof. T. Yadagiri Rao : Development and Displacement – A Study of major irrigation dams and open cost mining Rs. 9,00,000/-, UGC
8. Dr. T.V. Sujatha Kumari : "Women Development and Child Welfare Department – A Study of Human Resource management in ICDS: Rs. 5,70,000/-, UGC
9. Dr. P. Srinivasa Rao: "Problems and Prospects of Educational and Employment of Differently abled persons in Telangana State – A Study with Reference to Disabilities Act (1995)

18. Inter-institutional collaborative projects and associated grants received Yes

a) National collaboration NIL b) International collaboration

1. Prof. R. Ram Reddy in collaboration with Dr. John Lako, the University of the South Pacific, Fiji. Project Title: Workplace Diversity, Discrimination and Harassment of expatriate Academics in South Pacific Higher Education, 2010-12. F\$ 10,000/-

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; ICSSR, AICTE, etc., total grants received. NIL

20. Research facility / centre with NIL
State recognition
National recognition
International recognition

21. Special research laboratories sponsored by/crated by industry or corporate bodies NIL

22. Publications:

- * Number of papers published in peer reviewed journals national/international) -- 146
- * Monographs --- 500
- * Chapters in Books --- 200
- * Edited Books --- 16
- * Books with ISBN with details of publishers ---- NIL
- * Number listed in International Database (For e. g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, FBSCO host, etc.,) NIL
- * Citation Index – range / average --
- * SNIP --
- * SJR --
- * Impact Factor – range / average --
- * h-index --



23. Details of patents and income generated NIL
24. Areas of consultancy and income generated NIL
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad -- NIL
26. Faculty serving in NIL
 a) National committees b) International committees c) Editorial Boards d) any other (please specify)
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

The faculty members attended the Refresher Courses offered by Academic Staff Colleges of the Universities and workshops offered by Indian Institute of Public Administration, New Delhi

Training programmes conducted by Dr. MCHRD, Hyderabad

28. Student projects
- percentage of students who have done in-house projects including inter-departmental projects MHRM 100% (project work)
 - percentage of students doing projects in collaboration with other universities / industry / institute NIL
29. Awards / recognitions received at the national and international level by
- Faculty NIL
 - Doctoral / post doctoral fellows -- NIL
 - Students -- NIL
30. Seminars / conferences / Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
- i. UGC sponsored Two-Day National seminar on “Governance and Rural Resources in India: Experiences and emerging concerns” Organized by department of Public Administration & HRM., kakatiya University, 2010.
 - ii. UGC & ICSSR sponsored Two-Day National seminar on “Non Governmental Organizations and development in India: Experiences, Issues and challenges” Organized by Department of Public Administration & HRM., Kakatiya University 2009.
 - iii. UGC sponsored One-Day National seminar/Symposium on “Social Inclusive policies in India: Retrospect and prospect” Organized by Department of Public Administration & HRM., Kakatiya University 2008
 - iv. UGC sponsored Two-Day National seminar on “Gender Challenges and Opportunities in India” Organized by Department of Public Administration & HRM., Kakatiya University 2010.



- v. UGC sponsored Two-Day National seminar on “Gender and Agriculture” Organized by Department of Public Administration & HRM., Kakatiya University 2010.
- vi. IIPA sponsored One-Day Symposium on “Global Warming and Its Impact on India” Organized by Department of Public Administration & HRM., Kakatiya University 2008.
- vii. UGC sponsored One-Day symposium on “Recent Trends in HR and Challenges” Organized by Department of Public Administration & HRM., Kakatiya University 2010.
- viii. Organized Two-Day national seminar on “Building Positive Employment Relations in India – The way forward”, 28 & 29th July, 2013. Sponsored by friedrich Ebert stiftung India, UGC Unit, Kakatiya University, IIRA and ICSSR.
- ix. Organized Two-Day National seminar on “Liberalization Policies and Governance Reforms in India, 25 & 26th March, 2014 sponsored by U G C.
- x. Public Administration And Globalization: Issues And challenges, 31st March, 2015 sponsored by UGC.

31. Code of ethics for research followed by the departments YES

Every department has a Department research Committee constituted with the concerned Department Dean, BoS, Head, one Senior Faculty Member of the Committee.

DRC Committee:

1. Prof. P. Srinath	: Dean, Faculty of Social Science
2. Dr. T.V. Sujatha Kumari	: Chairman
3. Prof. T. Yadagiri Rao	: Chairmen B o S, Member
4. Prof. P. Narasimha Rao	: Member
5. Dr. G. Pani	: Member
6. Dr. P. Srinivasa Rao	: Member

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.A Pub. Administration	260	24	11	100%	100%
MHRM	320	29	13	80%	100%
M. Phil. (Pub. Admn.)	100	8	4	100%	100%
M. Phil. (HRM)	80	8	4	100%	100%



33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M A	90%	10%	--	--
MHRM	82%	14%	2%	2%
M. Phil.	100%	--	--	--
M. Phil.	100%	--	--	--

34. How many students have cleared Civil and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

N E T -- 04

S L E T -- 05

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NIL
PG to M. Phil.	10%
PG to Ph. D	06%
Ph. D to Post-Doctoral	05%
Employed Campus selection Other than campuses recruitment	NIL
Entrepreneurs	20

36. Diversity of staff

Percentage of faculty who are graduates of the same university	100%
from other universities within the State	Prof. K. Seetharama Rao & Prof. P. Sambaiah As Vice-Chancellors
from universities from other States from universities outside the country	NIL
	NIL

37. Number of faculty who were awarded M. Phil., Ph.D., D.Sc. And D. Litt. During the assessment period NIL



38. Present details of departmental infrastructural facilities with regard to

a) Library	-- 1000 Books	
b) Internet facilities for staff and students	- YES -	
c) Total number of class rooms	-- 04 --	
d) Class rooms with ICT facility	-- 02 --	
e) Students' laboratories	-- NIL --	
f) Research laboratories	-- NIL --	

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution / university

Post Doctoral

1. Dr. Suresh
2. Dr. Srinivas Naik
3. Dr. Ravinder
4. Dr. P. Yakaswamy
5. Dr. M. satyanarayana
6. Dr. S. Krishna
7. Dr. T. Palku
8. Dr. T. Manohar Swamy
9. Dr. M. Veera Swamy
10. Dr. A. Purnachander
11. Dr. A. Nagesgwar Rao
12. Dr. P. Komuraiah

- b) from other institutions / universities -- NIL --

40. Number of postgraduate students getting financial assistance from the university. NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. NIL

42. Does the department obtain feedback from

- a) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Department obtains feedback from faculty on curriculum and teaching learning evaluation. Necessary changes are incorporated in the syllabus based on the feedback from faculty department also takes the views of faculty on the teaching-learning evaluation. Faculty will be discussing regarding the performance of students in internal as well as University examinations.



- b) Students on staff, curriculum and teaching learning evaluation and how does the department utilize the feedback?

Department takes the performance Evaluation of students on staff and the remarks made by students are being discussed openly and taken seriously.

- c) Alumni and employers on the programmes offered and how does the department utilize the feedback? YES

Regular Alumini meetings are conducted and their opinion on the programmes offered are discussed thoroughly and whenever syllabus is changed their view points and employers opinions are utilized in training the students.

43. List the distinguished alumni of the department (maximum 10)

1. AJM Muralidhar Rao, 2. Ramchander Maddela 3. Dr. Ravi Dasari
4. Rajeshwar Rao 5. Madhukar K. 6. Vijith Paul 7. Pradeep Kumar
8. Ravinder K. 9. Nanduri Srinivas 10. Srinivas Rao 11. Sudheer
12. Kishore 13. Srinivas Rao 14. Madhukar

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

1. Mac information sears STAR Technology
2. SAP -- HR
3. Facing Competitive exams for Management Trainees

45. List the teaching methods adopted by the faculty for different programmes.

1. Lectures using power Point presentation.
2. e-learners
3. Case studies and group discussions
4. Action learning

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Taking feedback from the students and alumini from time to time on the rogram content and market relevance.

47. Highlight the participation of students and faculty in extension activities.

Blood donation Camps, Women's Day, celebrations' programmes NSS, Environment Day, Sathbhavana Divas , Swachh Bharat, N C C day

48. Give details of "beyond syllabus scholarly activities" of the department.

MHRM students are activity involved in the scholarly activities of the NHRD Network by participating in its Annual a Conferences at seminar, workshops and Lecture programmes.



49. State whether the programme / department is accredited / graded by other agencies? If yes, give details. NIL
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. NIL
51. detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths 1. Expertise in two distinct fields i.e., Public Administration & Human Resource Management 2. Akin to the latest global developments in the fields of Pub.Admn. & HRM 3. Ability to conduct research in wide range of areas that includes HRM, Public Policy, Rural Development etc., 4. International exposure and affiliation with various Professional bodies across the globe 5. Team work	Weaknesses 1. Locational disadvantage where no industries exist in this area 2. Majority of the students are handicapped with economic & social backwardness 3. Poor infrastructure at the department as well as university level 4. Long pending faculty recruitment and large number of retirements 5. No posts were sanctioned to the MHRM programme since 1991
Opportunities 1. Conducting training programme for political leaders and public officials. Growing demand for well trained HR professionals in India and a Broad 2. Diversifying into industry / society desired courses like integrated five years HRM course 3. Opportunity to teach Public Administration & HRM courses under the choice based credit system 4. Possibility for expansion in terms of offering MHRM course in other location 5. Offering management consultancy in HRM area	Challenges 1. Challenging public policy regarding Higher Education giving primacy to the private sector 2. Changing creamy students preferences towards technical Education 3. Language & Communication skills shortage among the students 4. Political instability and disturbances 5. Competition from the private Universities

52. Future plans of the department.

1. Introduction of the year Integrated MHRM Course
2. Strengthening of MHRM Course
3. Organizing National and International Seminars
4. Organizing Alumni Association Meetings
5. Organizing Extension Lectures
6. Enhancing interaction with Industries.



EVALUATIVE REPORT - PHARMACY DEPARTMENT

1. Name of the Department: University College of Pharmaceutical Sciences
2. Year of establishment: 1974
3. Is the Department part of a School/Faculty of the university?: Faculty of University
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
 - B. Pharmacy
 - M. Pharmacy (specializations- Pharmacology, Pharmaceutical Chemistry, Pharmacognosy and Phytochemistry, Industrial Pharmacy, Pharmaceutics and Pharmaceutical Analysis).
 - Ph.D.
 - Post Doctoral Studies
5. Interdisciplinary programmes and departments involved: Ph.D. Programme with MGM Hospital, Warangal
6. Courses in collaboration with other universities, industries, foreign institutions, etc. : None
7. Details of programmes discontinued, if any, with reasons: None
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System: It is required to adopt the common syllabus of Pharmacy Council of India (PCI) a regulatory body, which is likely to be introduced from the next academic year 2017-18 for all the courses offering in this institution in which the examination is CBSC.
9. Participation of the department in the courses offered by other departments:
 - 1) Chemistry
 - 2) Biotechnology
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Sanctioned*	Actual (including CAS & MPS)	Filled
Professor	7	7
Associate Professors	-	-
Asst. Professors	6	6
Others (Contractual)	10	-

*As on 31/12/2016



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance uploaded in Kakatiya University Web Site: www.kakatiya.ac.in

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M. Pharm. students guided for the last 5 years
Prof. V. Kishan	M. Pharm., Dr. Rer. Nat.	Professor	Pharmaceutics	33	M. Pharm: 31 PhD : 8
Prof. B. Ravi Kumar	M. Pharm., Ph.D.	Professor	Pharmacognosy	31	M. Pharm: 10 PhD : 2
Prof. A. Raghuram rao	M. Pharm., Ph.D.	Professor	Pharmaceutical Chemistry	30	M. Pharm: 15 Ph.D : 6
Prof. C. Veeresham	M. Pharm., Ph.D.	Professor	Pharmaceutical Chemistry	28	M. Pharm: 16 PhD : 6
Prof. M. Sarangapani	M. Pharm., Ph.D.	Professor	Pharmaceutical Chemistry	28	M. Pharm: 10 Ph.D : 8
Prof. G. Achaiah	M. Pharm., Ph.D.	Professor	Pharmaceutical Chemistry	28	M. Pharm: 20 PhD : 02
Prof. Y. Narsimha Reddy	M. Pharm., Ph.D.	Professor	Pharmacology	17	M. Pharm: 25 PhD : 8
Dr. G. Sammaiah	M. Pharm., Ph.D.	Asst. Professor	Pharmaceutical Chemistry	15	M. Pharm: 12 PhD : 03
Dr. N. Prasad	M. Pharm., Ph.D.	Asst. Professor	Pharmacology	10	M. Pharm: 16 PhD : 01
Dr. J. Krishnaveni	M. Pharm., Ph.D.	Asst. Professor	Pharmaceutics	17	M. Pharm : 15
Dr. V. Swarooparani	M. Pharm., Ph.D.	Asst. Professor	Pharmacognosy	10	M. Pharm: 01
Mr. B. Nagaraj	M. Pharm.	Asst. Professor	Pharmaceutics	11	M. Pharm- 10
Dr. Shayeda	M. Pharm., Ph.D.	Asst. Professor	Pharmaceutics	12	M. Pharm: 25



12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Prof. A.V.N. Appa Rao [AICTE, New Delhi], 2013-2015, Some Alumni of are Adjunct Faculty
- Dr. Prabhashanker, Euro Labs, Hyderabad
- Dr. K. Satyanarayana, Natco Pharma. Hyderabad
- Dr. V. Satyanarayana, Sipra, Hyderabad
- Dr. R. Balaramesha Chary, AET Laboratories Pvt. Ltd, Sangareddy, District
- Dr. Rajan Kombu Subramanian, Aizant Drug Research Solutions Pvt. Ltd, Hyderabad
- Dr. Shashank Shridhar Apte, Natco Research Centre, Hyderabad

13. Percentage of classes taken by temporary faculty – programme-wise information

B. Pharmacy- ~ 50 %
M. Pharmacy- Nil

14. Programme-wise Student Teacher Ratio

B. Pharmacy: 10: 1
M. Pharmacy: 10: 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
No. of Technical Staff	16	16	16
Administrative Staff	10	10	10

16. Research thrust areas as recognized by major funding agencies: Pharmaceutical Sciences; Biotechnology; Health sciences.

17. Number of faculty with ongoing projects from

- National: AICTE, DBT, UGC
- International funding agencies: None
- c) Total grants received: Rs. 1.68 Crores

Give the names of the funding agencies, project title and grants received project-wise.

Name	Funding agency	Project title	Grants received
Prof. V. Kishan	APCOST, Hyderabad	Preliminary pharmaceutical investigations on the excipient characters of the gum of Bombax ceiba, L.	1.46 Lakhs



Dr. N. Prasad	DBT, New Delhi	In vitro HIV type 1 reverse transcriptase inhibitory activities of some active compounds from <i>Phyllanthus emblica</i> fruits	48 Lakhs
Prof. C. Veeresham	DBT, New Delhi	Production of eutomers using biocatalytic strategies for antihypertensive drugs	28.26 Lakhs
Prof. M. Sarangapani	MRP, UGC, New Delhi.	Development of new bis-isatin derivatives as DNA Intercalators	14 Lakhs
Prof. Y. Narsimha Reddy	Modrobs, AICTE, New Delhi	Population Pharmacokinetics and Clinical Responses of Antihypertensive drugs in Indian Patients.	18 Lakhs
Dr. Shayeda	MRP, UGC, New Delhi.	Design and Evaluation of Buccal Drug Delivery Systems	10 Lakhs
Dr. Shayeda	RPS, AICTE, New Delhi	Design and Evaluation of Osmotic Drug Delivery Systems.	12 Lakhs
Prof. A. Raghuram Rao	UGC – MPR New Delhi	Design and development of multi-target directed tacrine analogues for use in the treatment of Alzheimer's disease	14,80,000
Prof. Y. Narsimha Reddy	AICTE New Delhi	Neuroimmune and neuroprotective activities of some Indian Medicinal plants.	23,50,000

Inter-institutional collaborative projects and associated grants received

- a) National collaboration: None
- b) International collaboration: None

18. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Agency	Duration	Total grants
UGC-DRS-SAP	2013-14	70.75 Lakhs

19. Research facility / centre with

- State recognition: None
- National recognition: Animal house: CPCSEA (Committee for the purpose of control and supervision of experiments on Animals)
- International recognition: None



20. Special research laboratories sponsored by / created by industry or corporate bodies: None

21. Publications: During the last five years

Number of papers published in peer reviewed journals (national / international)	267
Monographs	None
Chapters in Books	06
Edited Books	
Books with ISBN with details of publishers	The Cosmeceuticals by Dr. Shayeda & Prof. Y. Madhusudan Rao – ISBN: 9789381075937 ; Pharma. Med. Press
Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	150
Citation Index – range / average	-
SNIP	-
SJR	-
Impact Factor – range / average	0.7-5.3
h-index	-

22. Details of patents and income generated: None

23. Areas of consultancy and income generated: None

24. Faculty selected nationally / internationally to visit other laboratories / institutions /industries in India and abroad.

- Dr. J. Krishnaveni- Raman Post Doctoral Fellowship- University of Pacific, USA- 2013-2014.
- Dr. N. Prasad – Raman Post Doctoral Fellowship 2014-2015
- Prof. A. Raghuram Rao – on “Azaflavones as aromatase inhibitors: 29th July, 2016 at International Conference at Gurunanak Institution Technical Campus School of Pharmacy, Hyderabad.
- Prof. A. Raghuram Rao – Plenary Lecture of March, 21 – 2016 Emerging Trends in Analytical Sciences, (ETAS) – 2016 at CSIR – IICT, Hyderabad.
- Prof. A. Raghuram Rao – 21-01-2016 on ‘Hypersensitivity and Immunodeficiency’ at Natural workshop Continues Medical Education (CME) on Clinical Immunology : Past and present of Department of Biotechnology, NIT, Warangal.
- Prof. A. Raghuram Rao – April 11, 2015 – Natural products potential at scope in modern drug research, at 2 day National Conference on “ Recent Advances in Chemical and Pharmaceutical Sciences (NACRACAPS – 2015) at Department of Chemistry JNTUH College of Engineering , Jagityal, Karimnagar.



- Prof. A. Raghuram Rao – 21-03-2015 Conference of Society of International on Pharmacognosy (ICSP – 2015) at Andhra University: Flavones and Flavanones for barest cancer therapy.
- Prof. V. Kishan availed DAAD scholarship for a research stay at Department of Biomolecular Chemistry, Goettingen University, Goettingen, Germany in 2009. Prof. V. Kishan Delivered Lectures :
 - On “Brain specific delivery of antiviral drug from lipid nanoemulsions” in workshop on “Recent trends in drug discovery” organized by Institute of Pharmaceutical Education and Research, Wardha (M.S) on 30-12-2011.
 - On “Brain specific delivery of antiviral drug from lipid nanoemulsions” in AICTE sponsored National seminar on “Retrospective of nanocarriers epic in International Archery” organized by Srikrupa Institute of Pharmaceutical Sciences, Siddipet, Medak Dt, A.P, on 21-2-2013.
 - On “Drug Targeting: Macromolecular ligand based approaches” on 22nd October, 2013 in AICTE sponsored Faculty development programme organized by Institute of Pharmaceutical Education and Research, Wardha.
 - On “Drug immunoconjugates for Targeting” in UGC-sponsored National Seminar on Applied Immunology organized by Department of Zoology, Pingle Govt College for Women, Warangal on 8-10 January, 2014.

25. Faculty serving in

- a) National committees: AICTE National Committees: 07; NBA – 02: UGC - 01
- b) International committees: None
- c) Editorial Boards: 2
- d) any other (please specify) Reviewers : 08

26. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):

AICTE sponsored two week Quality Improvement Programme (QIP) conducted:

2011 – 2012	:	03 Programmes
2014 – 2015	:	03 Programmes

27. Student projects

- i. percentage of students who have done in-house projects including inter-departmental projects: 90%
- ii. percentage of students doing projects in collaboration with other universities
 1. industry / institute: 10%

28. Awards / recognitions received at the national and international level by

a. Faculty:

- i. Prof. V. Kishan- Association of Pharmaceutical Teachers of India (APTI) Pharmacy teacher of the year-2011 award, sponsored by BVDUPCP, Pune.
- ii. Prof. V. Kishan- Best research paper award by International Journal of



- Pharmaceutical Sciences and Nanotechnology in 2013 and Prof. V. Kishan received Telangana State Best Teacher Award for the year 2015 from Government of Telangana
- iii. Prof. Ciddi Veeresham received Telangana State Best Teacher Award for the year 2015 from Government of Telangana
 - iv. Prof. A. Raghuram Rao- Dr. Mrs. Manjushree Pal Memorial Award for the Best Pharmaceutical Scientist for the year 2010.
 - v. Prof. M. Sarangapani- Best paper presentation award by APTI in 2010.
 - vi. Prof. M. Sarangapani- Best paper presentation award by Osmania University in 2010.
 - vii. Best papers at IPC-2013
 - viii. Prof. A. Raghuram Rao- Medicinal Chemistry – Best oral presentation award
 - ix. Dr. N. Prasad- Pharmacology – Best poster award
- b. Post Doctoral fellows : 02 (Two) Dr. J. Krishnaveni (2013-2014) and Dr. N. Prasad (2014-2015)
- i. M. Pharmacy students: Best poster award by Monica D' Silva IPC - 2016, Visakhapatnam
 - ii. Two Research Awards: 1) Mr. A.S. Prabhakar research scholar under the guidance of Prof. B. Ravi Kumar & Prof. A. Raghuram Rao won Third Prize in Sipra Innovative Pharama Research Awards with a cash award of Rs. 20,000/-. 2) Mr. B. Santhosh Jaswanth Kumar, research scholar won First Prize for a poster presentation in 67th Indian Phrmaceutical Congress, Mysore held in January, 2015. 6 awards were received by different research scholar at IPC, Visakhapatnam December, 2016.



29. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any.

Year	Seminars/ Conferences/ Workshops	Source of funding (national/international)	Details of outstanding participants
22 nd – 24 th October, 2010	International conference on “Recent Advances in Drug Discovery”	APSCHE, DST, Industry and Private Pharmacy Colleges.	Dr. Wolfgang Schuehly, University of Graz, Austria. Prof. D. Venkata Rao, Emeritus Professor, Andhra University, Vizag. Prof. M. R. Yadav, MS Baroda University, Baroda.
22 nd – 24 th November, 2012	International conference on “Recent Advances in Pharmaceutical Sciences”		Prof. Gert Fricker- University of Heidelberg, Germany. Dr. Jorg Kreuter, Insitute for Pharmaceutical Technology, Goethe University, Frankfurt, Germany. Dr. Ramakrishna Samala, SRA, School of Pharmacy, Texas Tech University Health Sciences Centre, USA. Dr. Panchagnula Ramesh, Vice President, Nektar Therapeutics Pvt. Ltd, Hyderabad. Dr. G. Narahari Sastry, IICT, Hyderabad. Dr. A. Veeranjanyulu, NMIMS, Mumbai. Dr. Thirumurthy Velpandian, AIIMS, New Delhi.
9 th October, 2014	One day seminar on Recent Advances in Pharmaceutical Chemistry	Pharmacy professionals and	1. Dr. A. Veera Reddy, Vice Presedent, Suven Life Sciences, Hyderabad. 2. Prof. A.V.N. Appa Rao, UCPSC, KU.

30. Code of ethics for research followed by the departments

The faculty and research scholars follow the code of ethics to avoid plagiarism.

31. Student profile programme-wise:

Name of the programme (refer to question no. 4)	Applications received	Selected		Pass percentage against enrolled	
		Male	Female	Male	Female
B. Pharmacy					
2014-15	40	12	28	100	100
2015-16	45	15	30	100	100
M. Pharmacy					
2014-15	48	16	32	100	100
2015-16	48	15	33	100	100
Ph.D.					
2013-14		24	23		
2014-15	06	03	03		
2015-16		-	-		



32. Diversity of students

Name of the programme (refer to question no. 4)	% of students from the same University	% of student from other Universities within the State	% of students from University board outside the State	% of students from Other Countries
B. Pharmacy 2014-15	95	0	5	0
B. Pharmacy 2015-16	95	0	5	0
M. Pharmacy 2014-15	100	0	0	0
M. Pharmacy 2015-16	100	0	0	0
Ph.D.	98	2	0	0

33. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Academic Year	Appeared	Qualified
2014-15 (GPAT)	38	15
2015-16 (GPAT)	28	07
2013 – 2014	20	06
2012 – 2013	25	10
2011 – 2012	21	12

34. Student progression

Student progression	Percentage against enrolled
UG to PG	90 %
PG to Ph.D.	23 %
Ph.D to Post-Doctoral	05 %
Employed	70 %
Campus Selection	50 %
Other than campus recruitment	20 %
Entrepreneurs	None

35. Diversity of staff

Percentage of faculty who are graduates of the same university	13
from other universities within the State	None
from universities from other States	None
from universities outside the country	None

36. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: 01 - Mrs. V. Swaroopa Rani- 2014.

37. Present details of departmental infrastructural facilities with regard to

a. Library:

- Books- 8411
- Journals- 12
- Periodicals- 6
- Computers with Internet facility- 15



- b. Internet facilities for staff and students: Every faculty member has been provided with one personal computer with Broadband Internet facility. Every research lab has one computer with internet facility.
- c. Total number of class rooms: 11
 - Class rooms with ICT facility: 02
 - Students' laboratories: 13
 - Research laboratories: 13

38. List of doctoral, post-doctoral students and Research Associates

- d. from the host institution/university: Doctoral ; Post Doctoral - 04
- e. from other institutions/universities: Post Doctoral - Nil

39. Number of post graduate students getting financial assistance from the university.: None

40. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. : None

41. Does the department obtain feedback from

- i. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? : YES
Faculty will be continuously taking the feedback from all the colleagues and workshops are being conducted for up gradation periodically.
- ii. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
- iii. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Alumni and employers regularly conduct sessions to the students regarding career guidance to the current batcher.

Alumni supports the institution in getting infrastructure (building etc); by offering the fellowships and donating books and journals.

42. List the distinguished alumni of the department (maximum 10)

- Prof. Indra Karan Reddy (Founding Dean, School of Pharmaceutical Sciences, Texas A & M University) Texas, USA.
- Mr. Ramakrishna Reddy, Sis Infotech, USA.
- Prof. J. Bhaskar, University of Pacific, California, College of Pharmaceutical Sciences, USA
- Prof. D. Samba Reddy, Texas A & M University, School of Health Sciences, Department of Medicine, USA.
- Dr. G. K. Nagendra Kumar, Vice President, Cellegene, USA.
- Mr. Linga Reddy, Chairman, Acto Labs, India.



- Dr. Mansoor Ali Khan, Director US-FDA.
- Dr. D.V. Siva Rao, Sr. Research Investigator, Bristol Meyers Squibb, USA.
- Dr. Mullangi Ramesh, Director, DMPK, Jubilant Biosys, Bengaluru, India.
- Dr. Azmeera Ramkishan, Deputy Drug Controller of India, New Delhi, India.

43. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- More than 100 guest lectures, seminars and workshops were organized involving experts from Industry and Academia in various branches of Pharmaceutical Sciences. Several alumni settled in teaching/ industry visit every year (both from India and Abroad) and deliver lectures on the emerging topics, cutting edge technologies.

44. List the teaching methods adopted by the faculty for different programmes.

- Many teachers have developed their own power point presentations to teach the topics in an easy manner. They not only use this for their regular teaching but also for many national seminars held in different parts of India and in some reputed industries.

45. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- ✚ Evaluation of the performance of the students both in theory and practical instruction is done at regular intervals to ensure to meet the objectives of the programme.

46. Highlight the participation of students and faculty in extension activities.

- ✚ Students of the institution are actively participating in various extra curricular activities like Quiz, Debates, Sports and games conducted by different organizations / Institutions.

47. Give details of “beyond syllabus scholarly activities” of the department.

- ✚ The following scholarly activities are conducted beyond the syllabus
 - f. Extension lectures by experts from Industries / other Institutions from India and Abroad.
 - g. Regularly conducting National Pharmacy Week Celebrations – various programmes highlighting the importance of Pharmacy profession in healthcare services to the society

48. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. None:

- ✚ The institution was ranked No. 16 during the year 2015-2016 by MHRD, Government of India under National Institute Ranking Framework (NIRF – MHRD)



49. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- ✚ The institution has produced quality professionals who work in society as dedicated Health care professionals, Entrepreneurs, Drug Regulators, Academicians in both India & Abroad.

50. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- ✚ SWOC – Analysis of the Institutions:
STRENGTHS:

- i) All the faculty except one is Ph.D. holders and almost all of them have exposure of teaching and research abroad (Germany, Italy, USA, Libya, Ethiopia etc.).
- ii) The institute has got excellent infrastructure facilities for teaching and research (About Ten Crores worth of equipment is available).
- iii) Strong Alumni spread all over the world, supporting the institution for placement of the graduates passing out and their settlement. Alumni is continuously supporting for infrastructure development of the institute and earlier contributed for construction of an Alumni Block (consisting of auditorium, class rooms, and guest rooms).

WEAKNESSES: Lack of sufficient permanent teaching faculty to monitor the academic and developmental activities is the weakness of the institute. As the senior teachers are retiring regularly, no new recruitment have been taken place since 2006.

OPPORTUNITIES : This is the only fullfledged University in the state of Telangana, offering B. Pharmacy, M. Pharmacy and Ph.D. which is capable of taking up research in collaboration with Pharmaceutical Industries / Institutions in India and Abroad.

CHALLENGES : Due to locational disadvantage , not many Pharmaceutical Industries were established in the district, though more than 25 Institutions offering various pharmacy courses have come up.

51. Future plans of the department:

- a) To establish herbal drug / cosmetic manufacturing facility on a small scale.
- b) To serve as an incubation centre for small and medium scale entrepreneurs.
- c) To establish a nodal centre for nurturing the quality pharmacy professionals.



EVALUATIVE REPORT – PHYSICAL EDUCATION DEPARTMENT

1. Name of the Department : University College of Physical Education
2. Year of establishment : 2006-2007
3. Is the Department part of a School/Faculty of the university? YES
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

UG & PG

5. Interdisciplinary programmes and departments involved Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
No
7. Details of programmes discontinued, if any, with reasons
No
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
UG- Annual, PG Semester
9. Participation of the department in the courses offered by other departments
No
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS(
Professor	Nil		
Associate Professor	Nil		
Assistant Professor	Nil		

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. Of years of Experience	No. of Ph.D./ M.Phil. students Guided for the last 4 years
Dr. Md. Moize Ahmed	Nil	Principal		25 Years	5 Persons
Dr. P. Bhasker		Asst. Prof.		15 Years	
Dr. J.Jelhya				10 Years	
Y. Surender		-do-		10 Years	



S. Kumara swamy		-do-		9 Years	
A. Ramchander		-do-		2 Years	
K. Sridhar Kumar		-do-		24 Years	
M. Ravinder		-do-		5 Years	
Vasanth Kumar		-do-		1 Year	
Dr. K. Shravan Kumar		Physio-Therapist		1 Year	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

No

13. Percentage of classes taken by temporary faculty – programme-wise information

14. Programme-wise Student Teacher Ratio

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Nil

16. Research thrust areas as recognized by major funding agencies

No

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

No

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

No

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

No

20. Research facility / centre with

a.	state recognition	No
b.	national recognition	No
c.	international recognition	No



21. Special research laboratories sponsored by / created by industry or corporate bodies

No

22. Publications:

- * Number of papers published in peer reviewed journals (national / international)
- * Monographs
- * Chapters in Books
- * Edited Books
- * Books with ISBN with details of publishers
- * Number listed in International Database (For e.g. Web of Science, Scopus, No Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index – range / average
- * SNIP
- * SJR
- * Factor – range / average * h-index

23. Details of patents and income generated

SFC

24. Areas of consultancy and income generated

25. Faculty selected nationally / internationally to visit other laboratories / institutions
a) industries in India and abroad

No

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify)

No

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

No



28. Student projects

- a) percentage of students who have done in-house projects including inter-departmental projects No
- b) percentage of students doing projects in collaboration with other universities

1. industry / institute

No

29. Awards / recognitions received at the national and international level by

- a) Faculty No
- b) Doctoral / post doctoral fellows No
- c) Students No

30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any.

Seminar 2013

31. Code of ethics for research followed by the departments

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female

33. Diversity of Students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students From Universities outside the State	% of students from other countries



34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

No

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	6-2013
☐ Campus selection	7-2017
☐ Other than campus recruitment	50%
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates of the same University	100%
from other universities with the State	
from universities from other States from	
Universities outside the country	

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period (2 Ph.Ds)

38. Present details of departmental infrastructural facilities with regard to

a. Library	1500
b. Internet facilities for staff and students	Yes
c. Total number of class rooms	4 (FOPUR)
➤ Class rooms with ICT facility	One
➤ Students' laboratories	2 (Two)
➤ Research laboratories	Nil



39. List of doctoral, post-doctoral students and Research Associates
- a) from the host institution/university Exam branch
 - b) from other institutions/universities
40. Number of post graduate students getting financial assistance from the university.
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. No
- i. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
- Yes
- ii. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
- Yes
- iii. alumni and employers on the programmes offered and how does the department utilize the feedback?
- No
42. List the distinguished alumni of the department (maximum 10)
43. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
44. List the teaching methods adopted by the faculty for different programmes.
45. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
46. Highlight the participation of students and faculty in extension activities.
47. Give details of “beyond syllabus scholarly activities” of the department.
48. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. No
- i. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
 - ii. Organized Inter University Tournaments



49. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- + Good Results and negligible dropout rate
- + Good building and infrastructural facilities

Weaknesses

- + No mechanism to reward and motivate staff for good purpose
- + Lack of quality enhancement mechanism and professional development of teachers

Opportunities

- + Designing perspective plan for future development
- + Use of ICT in a big way

Challenges

- + Taking competition from similar institutions
- + Make use of alumni and other stakeholders

50. Future plans of the department.



EVALUATIVE REPORT DEPARTMENT OF PHYSICS

1. Name of the Department : PHYSICS
2. Year of establishment : 1968
3. Is the Department part of a School /Faculty of the University? : Yes
4. Name of programmes offered : M. Sc (Physics) and Ph. D
5. Interdisciplinary programmes and departments involved: Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
7. Details of programmes discontinued, if any, with reasons : M. Phil (Distance mode)
8. Examination System : CBCS with Semester
9. Participation of the department in the courses offered by other departments : Teachers of this Department take classes for M. Sc (Microbiology), M. Sc (Bio-Technology) and B.Tech
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate/Professors/Asst. Professors/Others)

Category	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	2	-	4
Associate professors	7	1	-
Assistant professors	12	12	9
Others	-	8	8
Total	21	21	21



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

S.No	Name Designation	Qualification	Specialization	Teaching experience (Years)	No. of Ph. D/ M.Phil. students guided for the last 4 years
01	Prof. T. Bhaskar Rao Retd. on 31-08-2012	Ph.D.	Spectroscopy	34	Nil
02	Prof. K. Kishan Rao Retd. On 31-07-2011	Ph.D	Solid State Physics	31	Nil
03	Prof. K.Suresh Babu Expired on 18-10-2013	Ph.D	Electronics	33	Nil
04	Prof. G. Sathaiah Retired on 31-05-2014	Ph.D	Electronics / SSP	34	01
05	Prof. Khaja Althaf Hussain	Ph.D	Solid State Physics	34	03
06	Prof. N. Gopikrishna	Ph.D	Solid State Physics	31	05
07	Prof. A.S.Nageshwar Rao	Ph.D	Nuclear Radiation Physics	31	01
08	Prof. G. Gangadhar Reddy	Ph.D	Solid state Theory	25	01
09	Dr. B. Venkatram Reddy	Ph.D	Electronics / Spectroscopy	14	2)
10	Dr. C.J. Sreelatha	Ph.D	Solid State Physics	11	Nil
11	Dr. T. Thirumal Rao	Ph.D	Electronics	11	Nil
12	Dr. J. LaxmanNaik	Ph.D	SSP/Molecular Spectroscopy	10	Nil
12	Dr.S.Kalahasti	Ph.D	Electronics	06	Nil
13.	Dr. G. Padmaja Transferred to UASC (KU) in June, 2013.	Ph.D	Spectroscopy	06	Nil
14.	Dr. N. Varalaxmi Transferred to UASC (KU) in June, 2013.	Ph.D	Solid State Physics	06	Nil
15	Mrs. G. Manjula	M.Sc	Electronics and Instrumentation	06	Nil
16	Dr. A. Narendar	Ph.D	Electronics	04	Nil



12. List of senior Visiting fellows, adjunct faculty, emeritus professors

1. Dr. Tanu Ratan , Dept of physics, SSSIHL, Prasanthi Nilayam, Puttaparthi, A.P.
2. Prof. K.B.R. Varma, IISc, Bangalore
3. Prof. D. Narayana Rao, University of Hyderabad.
4. Dr. Brijesh Kumar, JNU, Delhi.
5. Dr. S.C. Gadkari, BARC, Mumbai.
6. Prof. S. Ram, IIT, Kharagpur.
7. Dhananjai Pandey, School of Materials Science and Technology, BHU, Varanasi
8. Brijesh Kumar, School of Physical Sciences Jawaharlal Nehru University, New Delhi
9. Alokmay Datta, Applied Material Science Division, SINP, Kolkata
10. Tapas Kumar Dey, Cryogenic Engineering Centre, IIT Kharagpur, Kharagpur
11. Harnath Ghosh, Indus Synchrotron Utilization Division, RRCAT, Indore
12. G.Bhagavannarayana, Crystal Growth Division, NPL, Delhi
13. G. Ravi Chandra, Center for Materials Characterization and testing, ARCI, Hyderabad
14. Habib M. Pathan, Department of Physics, University of Pune, Pune
15. V.N. Mani, Centre for Materials for Electronics Technology, Hyderabad
16. Y. Purushotham, Centre for Materials for Electronics Technology, Hyderabad
17. A. Taraphder, Centre for Theoretical Studies, IIT Kharagpur, Kharagpur
18. Prof. V.R.K. Murth, Indian Institute of Technology Madras, Chennai
19. Prof. Ramesh V Pai, Goa University, Goa
20. Prof. R.V.S.S.N. Ravi Kumar, Acharya Nagarjuna University, Guntur
21. Prof. D. Paul Joseph, National Institute of Technology, Warangal
22. Prof. G. Manoj Kumar, ACRHEM, University of Hyderabad, Hyderabad
23. Prof. S. Uthanna , Sri Venkateswara University, Tirupati
24. Mr. Duttaprasad, 4S Techno Services, Hyderabad
25. Prof. M. Ghanshyam Krishna, University of Hyderabad.
26. Dr. Harnath Ghosh, RRCAT, Indore.
27. Prof. Deshdeep Sahadev IIT, Khanpur.
28. Prof. O.Md. Hussain SV University, Thirupati.
29. Dr. Santanu K. Maiti, Indian Statistical Institute, Kolkata
30. Prof. R. Srinivasan, Ex-Director, CSIR-DAE Consortium & FASc, Bangalore.
31. Prof. Srinath, University of Hyderabad
32. Sri. P. Raghavendra Rao, Associate Director, Scientist E (Retd), DRDO, Hyderabad
33. Dr. B. Jagadeesh, Scientist E, IICT, Hyderabad
34. Prof. R. Jeevan Kumar, Sri Krishnadevaraya University, Ananthapur
35. Prof. K. T. Ramakrishna Reddy, Sri Venkateshwara University, Thirupathi
36. Prof. Ratnakaram, Sri Venkateshwara University, Thirupathi
37. Prof. Sreehari Shastry, Acharya Nagarjuna University, Guntur
38. Prof. K. Krishna Reddy, Yogi Vemana University, Kadapa
39. Prof. D.S.V.V.D. Prasad, Andhra University, Visakhapatnam

13. Percentage of classes taken by temporary faculty – programme-wise information –

M.Sc. (Physics) 15%



14. Programme – wise Student Teacher Ratio : 8:1
15. Number of academic support staff (technical); and administrative staff:
sanctioned, Filled and actual : 12, 10, 10
16. Research thrust areas as recognized by major funding agencies:
X-ray studies of metals and alloys, crystal growth and characterisation, Solid state theory, Molecular Spectroscopy, Magnetic and Glass materials, Material Science, Condensed matter Physics, etc.
17. Number of faculty with ongoing/completed projects from a) National b) Internationals funding agencies and c) Total grants received. Give the names of the funding agencies, projects title and grants received project-wise.

Name of the Teacher	Title of the project	Duration	Funding Agency	Amount in Lakhs
Dr. G. Gangadhar Reddy	Interplay of Structural and Magnetic transition with reference to manganites	4 years (2006 – 2010) Completed	CSIR, New Delhi	4.7
Dr. G. Gangadhar Reddy	Mutual Effects of Magnetic and Structural transitions on strongly correlated electron systems	4 years (2010 – 2014) Completed	CSIR, New Delhi	11.0
Dr. B. Venkatram Reddy	Vibrational Analysis and DFT Calculations of some Biomolecules	3 years (2012 – 2015) Completed	UGC, New Delhi	11.45
Dr. C. J. Sreelatha	Experimental studies on physical properties of Lyotropic liquid crystals	18 months (2012-2014) Completed	UGC, SERO, Hyd	2.0

18. Inter-institutional collaborative projects and associated grants received
a) national collaboration b) International collaboration – Nil
19. Departmental projects funded by DST-FIST:
UGC-SAP/CAS,DPE:DBT,ICSSR, : UGC-SAP-I : Rs. 32.40 Lakhs
AICTE, etc.; total grants received. : UGC-SAP-II : Rs. 1.18 Crore
20. Research facility / centre with
State recognition : Yes, with state recognition
National recognition -
International recognition –
21. Special research laboratories sponsored by/
created by industry or corporate bodies : Nil
21. Publications:
- Number of papers published in peer reviewed journals (National/International) : 102



- Monographs : --
- Chapters in Books : 10
- Edited Books : 03
- Books with ISBN with details of publishers : 04
- Number listed in International Database : 28 Journals of high impact form Elsevier, (For e.g. Web of Science, Scopus, Humanities ACS, Springer, IOP, Lap-Lambert, etc International complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)
- Citation Index-range/average : 1
- SNIP : --
- SJR : --
- Impact Factor – range / average : 1
- H-index : 5

22. Details of patents and income generated : Nil

23. Areas of consultancy and income generated : Nil

24. Faculty selected nationally / internationally to visit other labs / institutions in India & abroad : Nil

26. Faculty serving in committees : Prof. G. Sathaiah-subject expert (UGC) for Research Project (Western region) and Prof. G. Gangadhar Reddy, Member, Screening Committee of RUSA funds.
- a) National b) International c) Editorial boards
- d) any other (please specify)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, Workshops, training programs and similar programs) :

Name of the Seminar/ Conference/Work-shop	Date	No. of papers presented	No. of participants		Source of funding
			KU	Other Institutions	
5-day training Programme on Microprocessor, Microcontrollers and Digital Communications for PG teachers	Feb 22-26, 2010	-	10	41-	APSCHE, HYD
Five –day training Programme for under Graduate Teachers in Physics	19-23 Oct, 2010	-	08	30	APSCHE, HYD

Student projects

- (a) Percentage of students who have done in-house Projects including inter-departmental projects : Nil



(b) Percentage of students doing projects in collaboration with other universities/industry/institute : Nil

28. Awards / recognitions received at the national and international level by faculty : 03

29. Seminars / Conferences / Workshops organized; and the source of funding (national /international) with details of outstanding participants, if any : **Enclosed**

Name of the Seminar/Conference/Work-shop	Date	No. of papers presented	No. of participants		Source of funding
			KU	Other Institutions	
Two-day Workshop on "Nanoscience and Nanotechnology"	3 - 4 Nov, 2010	Workshop	25	295	UGC, New Delhi
Two day National Seminar on Recent Trends in Solid state Physics	13-14 Feb, 2012	Lecture Program	15	50	UGC, New Delhi
National Conference on Advances in Materials science and Technologies	19-21 Nov, 2012	Lecture Program (160)	19	141	UGC, DST, DRDO, CSIR, APSHE, APSCOST, DAE.
National seminar on Recent Advances in Physics	6-7 Nov., 2014	Lecture program	24	62	UGC, New Delhi
Science Academies Refresher Course in Experimental Physics	6-21 Dec., 2016	Refresher course	08	21	INSA, Bangalore

30. Code of ethics for research followed by the departments:

Monitoring by Department Research Committee

31. Students profile programme-wise :

Name of the programme (refer to question no.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc	5600	55	145	98	99
Ph.D	190	6	4	-	-



32. Diversity of students

Name of the programme (refer to question no.4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc	90	10	Nil	Nil
Ph.D	70	30	Nil	Nil

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

NET-4; APSET-10; GATE-6

35. Students progression

Students progression	Percentage against enrolled
UG to PG	---
PG to M. Phil.	---
PG to Ph. D.	2 %
Employed: (i) Campus selection (ii) Other than campus recruitment	Nil 50 %
Entrepreneurs	Nil

36. Diversity of staff

Percentage of faculty who are graduates of the same university	75 %
From other universities within the State	25 %
From universities from other State from	Nil
Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the Assessment period : Ph.D: 01; M.Phil: 01

38. Present details of departmental infrastructural facilities with regard to

(a) Library: **Library of about 800 books with a facility for reading**

(b) Internet facilities for staff and students :

All the staff members have been provided with personal computers with internet connectivity. A separate room with computer and internet facility is provided for students. WiFi is provided in the entire department

- (c) Total number of class rooms : **4**
 (d) Class rooms with ICT facility : **3**
 (e) Students laboratories : **6**
 (f) Research laboratories : **6**



39. List of doctoral, post-doctoral students and Research Associates

- (a) From the host institutions/university : **11 Research students**
- (b) From other institutions/universities : **Nil**

40. Number of post graduate students getting financial assistance from the university: **Nil**

41. Was any need assessment exercise undertaken before the development of new Programme (s)? If so, highlight the methodology: --

42. Does the department obtain feedback from

- a) Faculty on curriculum as well as teaching-learning-evaluation/ if yes, how does the department utilize the feedback?

Frequent staff meetings are conducted to discuss curriculum and suggestions from Faculty members are obtained on teaching-learning process in the department. Internal assessment tests are conducted for continuous evaluation.

- b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Teacher-student meetings are also organized to obtain the feedback of students on curriculum and teaching and the student feedback is considered seriously in modifying the teaching-learning process.

- c) Alumni and employers on the programmes offered and how does the department utilize the feedback?

Departmental conferences are conducted every year and during the meetings several issues related to academic programs are discussed. After thorough discussions, the feedback obtained from the members is analyzed and considered in implementing the curriculum.

43. List the distinguished alumni of the department (maximum 10)

1. **Prof. Khaja Althaf Hussain, Vice-Chancellor, Mahathma Gandhi University, Nalgonda.**
2. **Dr. Sateesh Peddoju, M.Sc (Physics), Kakatiya University 1993-95 batch, Asst. Professor in Computer Science, IIT, Roorkee, UP.**
3. **Dr. Somaiah Goud, M.Sc (Physics) 1996-98 batch, Scientist, DRDO, Mumbai.**
4. **Dr. Anil. K. Gouri Shetty, M.Sc.(Physics), KU, 1996-98 bathch, Faculty Member, IIT, Roorkee, UP.**
5. **Gampa Praveen, M.Sc. (Physics), KU, 1996-98 batch, District Judge, Madhira, Khammam (Dist.).**
6. **Dr. T. Venkatappa Rao, M.Sc.(Physics), KU 1985-87, Faculty Member, NIT, Warangal, A.P.**
7. **Dr. R. Surender Reddy, M.Sc.(Physics), KU, 1982-84, Director (Exams), Telangana State School Education, Hyderabad.**
8. **Prof. S. Chandralingam, M.Sc (Physics), 1976-78, Professor of Physics, JNTU, Hyderabad**



9. Dr. Nathanial, Dr. Ch. Srinivas, Dr. Himabindu and Dr. Madhuri, Assistant Professors in Physics, Osmania University, Hyderabad.
 10. Dr. L. Haritha, Assistant Professor, Telangana University, Nizamabad.
 11. Dr. J.K. Ojha, Dr. Snehalatha Reddy, Mr. Kishore Kumar, Dr. K. Narendre Reddy Assistant Professors, Govt. Degree Colleges, Mancherial, Peddapalli, Luxxettipet, Narsimpet.
 12. Dr. K. Sateesh Chandra, Asst. Professor, KITS, Warangal.
 13. Dr. S.E.Naina Vinodini, Asst. Professor, Govt City College, Hyderabad.
 14. Dr. Esther Kalpana Rani, Asst. Professor, JNTU, Hyderabad.
 15. Dr. Y. Purushotham, Scientist, C-MET, Cherlapally, Hyderabad.
 16. Dr. Vishnuprasad Rao Software Engineer, USA.
 17. Dr. B. Venkatnarayana, Radiologist, USA.
 18. Dr. K. Krishna Murthy, Radiologist, Hyderabad.
44. Give details of student enrichment programmes (special lectures / workshops/ Seminar) involving external experts.
1. Dr. Tanu Ratan , Dept of physics, SSSIHL, Prasanthi Nilayam, Puttaparthi, A.P.
 2. Prof. K.B.R. Varma, IISc, Bangalore
 3. Prof. D. Narayana Rao, University of Hyderabad.
 4. Dr. Brijesh Kumar, JNU, Delhi.
 5. Dr. S.C. Gadkari, BARC, Mumbai.
 6. Prof. S. Ram, IIT, Kharagpur.
 7. Dhananjai Pandey, School of Materials Science and Technology, BHU, Varanasi
 8. Brijesh Kumar, School of Physical Sciences Jawaharlal Nehru University, New Delhi
 9. Alokmay Datta, Applied Material Science Division, SINP, Kolkata
 10. Tapas Kumar Dey, Cryogenic Engineering Centre, IIT Kharagpur, Kharagpur
 11. Harnath Ghosh, Indus Synchrotron Utilization Division, RRCAT, Indore
 12. G. Bhagavannarayana, Crystal Growth Division, NPL, Delhi
 13. G. Ravi Chandra, Center for Materials Characterization and testing, ARCI, Hyderabad
 14. Habib M. Pathan, Department of Physics, University of Pune, Pune
 15. V.N. Mani, Centre for Materials for Electronics Technology, Hyderabad
 16. Y. Purushotham, Centre for Materials for Electronics Technology, Hyderabad
 17. A. Taraphder, Centre for Theoretical Studies, IIT Kharagpur, Kharagpur
 18. Prof. V.R.K. Murth, Indian Institute of Technology Madras, Chennai
 19. Prof. Ramesh V Pai, Goa University, Goa
 20. Prof. R.V.S.S.N. Ravi Kumar, Acharya Nagarjuna University, Guntur
 21. Prof. D. Paul Joseph, National Institute of Technology, Warangal
 22. Prof. G. Manoj Kumar, ACRHEM, University of Hyderabad, Hyderabad
 23. Prof. S. Uthanna , Sri Venkateswara University, Tirupati
 24. Mr. Duttaprasad, 4S Techno Services, Hyderabad
 25. Prof. M. Ghanshyam Krishna, University of Hyderabad.
 26. Dr. Harnath Ghosh, RRCAT, Indore.
 27. Prof. Deshdeep Sahadev IIT, Khanpur.
 28. Prof. O.Md. Hussain SV University, Thirupati.
 29. Dr. Santanu K. Maiti, Indian Statistical Institute, Kolkata
 30. Special lectures have been organized in nanoscience and technology during the



Period 23rd oct to 2nd Nov 2014 by an external expert Smt. Tanu Ratan, Adjunct

Faculty, SSIHL Puttaparthi.

31. Special Lecture was given by Sri. P. Raghavendra Rao, Associate Director (Retd), DRDO, CHES, Hyderabad on Satellite and Mobile communication on 12/10/2016
 32. Special Lectures were given by Prof. R. Srinivasan, IASc, Bangalore on experimental Physics on 6/12/2016
 33. Prof. Ghanashyam Krishna & Prof. Srinath, Univ. of Hyderabad on crystal growth and characterization & Materials on 13th and 15th Dec., 2016
 34. Sri. P. Raghavendra Rao, DRDO, Hyderabad on Microwaves & Applications on 17th Dec., 2016
 35. Prof. Manohar Nyayathe, Pune on Non-linear dynamics on 19/12/2016.
45. List the teaching methods adopted by the faculty for different programmes.
1) Conventional Black-board Teaching, 2) Audio– visual clippings, 3) Internet Downloads, 4) Power point presentations, 5) Students seminars and interaction sessions.
46. How does the department ensure that programme objectives are constantly met and learning Outcomes are monitored?

By conducting internal assessment tests; students seminars and tutorials; and quiz

47. Highlight the participation of students and faculty in extension activities.

Every year educational tours to Research Institutes were organized for students and competitions like essay writing, elocution and quiz in physics are conducted for students on the occasion of National Science day. Faculty members deliver extension lectures in the department and in other institutions.

48. Give details of “beyond syllabus scholarly activities’ of the department.

Extension lectures, research seminars, conferences and Refresher courses, Orientation Programs, quiz and elocution have been organized in the department

49. State whether the programme/department is accredited/ graded by other agencies?
 If yes, give details. **No**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

General lectures on nanoscience and renewable energy resources have been organized in the department and a solar energy trainer equipment has been installed. Two week Refresher course in Experimental Physics has been organized for Physics Teachers in collaboration with Science Academies, Bangalore, and Allahabad. Several other academic programs like organizing research seminars, training programs for teachers are conducted regularly.



51. Details of five major Strengths, weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths:

All faculty members are highly qualified with doctoral degrees with quality Research and efficient teaching background. Department is granted with SAP-I & II by UGC (Rs. 34.82 lakh & Rs. 1.18 Crore)

Weakness:

Vacancies for teaching posts have to be filled up. Recruitment is not taken up on regular basis as and when senior teachers are superannuated. Vacancies are filled up on contractual/part-time basis.

Opportunities:

Teachers present their research results in various national and International conferences and deliver lectures in other institutions. Research proposals have been submitted by the department to the agencies like RUSA and DRS-SAP-II and by faculty members to SERB, TSCOST, etc

Challenges:

Projects have to be submitted to various funding agencies to develop the research laboratories on par with other national laboratories. Students are to be motivated to get fellowships for doing quality research

52. Future plans of the department.

(a) Planning to establish techniques like

i) AFM, ii) SEM, iii) Particle analyser, iv) XRD for the study of nano materials, v) FT-Raman spectrometer, vi) FTIR spectrometer, vii) Low temperature attachment to gamma-ray densitometers.

(b) To submit a proposal to DST under FIST for renovation of existing M.Sc laboratories and research laboratories.



EVALUATIVE REPORT - POLITICAL SCIENCE DEPARTMENT

1. Name of the Department : Department of Political Science
2. Year of establishment : 1992
3. Is the Department part of a School/Faculty of the university?

Faculty of Social Sciences
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
 - UG (B.A. at University Constituent College)
 - PG (M.A. Political Science)
 - M.Phil (Political Science)
 - Ph. D (Political Science)
5. Interdisciplinary programmes and departments involved
 - NIL
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
 - NIL
7. Details of programmes discontinued, if any, with reasons
 - NIL
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
 - PG (M.A. Political Science) Semester
9. Participation of the department in the courses offered by other departments
 - LLB 5 YDC (Political Science)
 - M.Sc. 5 Years Integrated Chemistry/Bio-Technology (Indian Constitution)
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	02 (CAS)
Associate Professors	01	01	01
Asst. Professors	05	05	02
Others			



11. Faculty profile with name, qualification, designation, area of specialization, experience and under guidance List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name	Qualification	Designation	Specialization	No. Of Years of Experience	No.Of Ph.D/M.Phil. students guided for the last 4 years
Dr. K. Raghu Ram Reddy Retired on 31-07-2012	M.A., Ph.D	Professor	Indian Govt. and Politics Indian Political Thought, Socialist Thought.	33	03 M.Phil 04 Ph. D
Dr. P. Hussain Khan Retired on 30-08-2012	M.A., Ph.D	Professor	Indian Govt. and Politics	25	02 M.Phil 02 Ph. D
Dr. T. Krishna Kanth	M.A., M.Phil., Ph.D.	Professor	International Relations	25	01 Ph. D
Dr. P. Sammulal	M.A., M.Phil., Ph.D.	Professor	Indian Govt. and Politics	24	01 Ph. D
Dr. B. Sanjeeva Reddy	M.A., M.Phil., Ph.D.	Associate Professor	Public Policy	22	01 M.Phil
Dr. G. Veeranna	M.A., M.Phil., Ph.D.	Assistant Professor	Indian Govt. and Politics	12	03 M.Phil 04 Ph. D
Dr. A. Hari Prasad	M.A., NET., Ph.D.	Assistant Professor	Indian Federalism Govt. and Politics of Andhra Pradesh	08	02 .Phil

12. List of Senior Visiting Fellows, adjunct faculty, emeritus professors

- Prof. G. Krishna Reddy, Dept. of Political Science, Osmania University, Hyderabad.
- Prof. Ravindra Shastry Dept. of Political Science, Osmania University, Hyderabad.
- Prof. D. Ravinder Dept. of Political Science, Osmania University
- Prof. G. Ram Reddy Dept. of Political Science, Osmania University



13. Percentage of classes taken by temporary faculty – programme-wise information
 - Master of Arts (Political Science) 60%
14. Programme-wise Student Teacher Ratio
 - Master of Arts (Political Science) 10:01
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual
 - 03:03 (One Typist-cum-Clark, One Attender and One Kamati)
16. Research thrust areas as recognized by major funding agencies
 - Indian Govt. and Politics.
 - Pressure Group Politics.
 - Social Movements.
 - State Govt. and Politics.
 - International Relations.
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.
 - NIL
18. Inter-institutional collaborative projects and associated grants received
 - a) National collaboration
 - b) International collaboration
 - NIL
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
 - NIL
20. Research facility / centre with
 - a. state recognition
 - NIL
 - b. national recognition
 - NIL
 - c. international recognition
 - NIL



21. Special research laboratories sponsored by / created by industry or corporate bodies
 - NIL
22. Publications:
 - * Number of papers published in peer reviewed journals (national / international)
 - 15
 - * Monographs
 - NIL
 - * Chapters in Books
 - 02
 - * Edited Books
 - NIL
 - * Books with ISBN with details of publishers
 - NIL
 - * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - NIL
 - * Citation Index – range / average
 - NIL
 - * SNIP
 - NIL
 - * SJR
 - NIL
 - * Impact Factor – range / average
 - NIL
 - * h-index
 - NIL
23. Details of patents and income generated
 - NIL
24. Areas of consultancy and income generated
 - NIL
25. Faculty selected nationally / internationally to visit other laboratories / institutions a. industries in India and abroad
 - NIL
26. Faculty serving in
 - a) National committees
 - b) International committees
 - c) Editorial Boards
 - d) any other (please specify)
 - Member Editorial Board in KU, Journal of Social Sciences



27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). Student projects

Dr. A. Hariprasad, Asst. Prof.

- U.G.C Orientation Course Attended at Academic Staff College, Osmania University, Hyderabad from 4th - 30th Oct, 2010.
- U.G.C. Refresher Course, Attended at Academic Staff College, Osmania University, Hyderabad from 1-11-2012 to 23-11-2012.

Dr. G. Veeranna, Asst. Prof.

- U.G.C. Academic Staff College, Sant Gadge Baba University Amaravathi from 16-07-2011 to 05-08-2011
- U.G.C. Academic Staff College, Aligarh Muslim University 31-03-2013 to 19-04-2013.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NIL
- percentage of students doing projects in collaboration with other universities industry / institute NIL

29. Awards / recognitions received at the national and international level by

- Faculty NIL

a. Doctoral / post doctoral fellows

- Dr. S. Vankataiah
- Dr. V. Nagaraju
- Dr. S. Somalingam

- Students NIL

30. Seminars/ Conferences/Workshops organized and the source of funding (national

i. international) with details of outstanding participants, if any.

Name of the Seminar/ Conference/Work- shop/Symposia	Date	No. of papers presented	No. of participants		Source of funding
			KU	Other Institutions	
Democracy: India's Experience	25 th and 26 th March, 2010	75	170	55	UGC, KU
Social Movement in India Issues and Challenges	2 nd and 3 rd March, 2012	65	155	45	UGC, KU
Challenges and Issues in Contemporary Indian Politics	30 th July, 2012	27	85	15	UGC, KU



Federal Polity – States Reorganisation	30 th August, 2012	21	55	16	UGC, KU

31. Code of ethics for research followed by the departments

- Our M. Phil and Ph. D students have under take their research according to the rules and regulations prescribed by the UGC under the supervision o Dean, Faculty of Social Science, Kakatiya University.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
P.G. (M.A. Political Science)	800	27	12	100%	100%
M. Phil (Political Science)	170	10	02	100%	100%
Ph. D (Political Science)	70	08	06	--	--

33. Diversity of Students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	ALL			
PG	ALL			
M. Phil	80%	20%		
Ph. D	90%	10%		

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NIL



35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	36
PG to Ph.D.	10
Ph.D. to Post-Doctoral	03
Employed ☐ Campus selection ☐ Other than campus recruitment	- NIL-
Entrepreneurs	Self Employed

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	03
From other universities within the state	01
From universities from other states from	NIL
Universities outside the country	NIL

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period One

38. Present details of departmental infrastructural facilities with regard to

- a. Library : Department Library
- b. Internet facilities for staff and students : 04 Computer with Internet facility
- c. Total number of class rooms : 03
- d. Class rooms with ICT facility : 01
- e. Students' laboratories : NIL
- f. Research laboratories : NIL
- g. from other institutions/universities: NIL

39. List of doctoral, post-doctoral students and Research Associates

- a. from the host institution/university : All are host situation
- b. from other institutions/universities



AWARD OF M. Phil. DEGREES DURING THE YEAR FROM 2009 TO 27-05-2014
(POLITICAL SCIENCE)

Sl. No.	Name of the Candidate	Subject	Title of the Thesis	Research Supervisor	Month & Year of Award
1.	A. Thirupathi	Political Science	Co-Operative movement and Women,s Development – Case study of Milk Co-Operative Society in A.P.	Dr. G. Veeranna	02/2009
2.	Anchoori. Sudha Rani	Political Science	Political Behaviour of Women Voters: A Case study of Warangal District	Dr. Ch. Dinesh Kumar	04/2009
3.	Deva. Guguloth	Political Science	Policies of Tribal Welfare – A study of Warangal District in A.P.	Dr. G. Veeranna	04/2009
4.	Somalingam Salavadi	Political Science	Dynamics of Panchayath Elections 2006: A study of Khammam District	Prof. P. Hussain Khan	08/2009
5.	N. Rama Devi	Political Science (SDLCE)	Women Empowerment Through Self Help Groups – A Case Study of Karimnagar District	Prof. P. Hussain Khan	08/2009
6.	K. Pushpalatha	Political Science (SDLCE)	Indira Kranthi Pathakam in Karimnagar District – A Study	Prof. P. Hussain Khan	08/2009
7.	Badavath Raju	Political Science	Implementation of Tribal Development Programme in A.P.; A case study of Warangal District	Dr. Ch. Dinesh Kumar	11/2009
8.	Madhavi Dava	Political Science	Free Power to the Farmers – A Study	Prof. K. Raghu Ram Reddy	26/05/2011
9.	Rathansingh. L	Political Science	Tribal Development Programmes: A Case study of 'MADA' Scheme in Telangana Region	Dr. G. Veeranna	03/04/2012
10.	Manchala Suneetha	Political Science	Empowerment of Women Through Panchayathi Raj System	Prof. K. Raghu Ram Reddy	28/07/2012



			– A Study of Women M.P.T.C. Members in Khammam District, Andhra Pradesh		
11.	Sudhakar Manchikatla	Political Science	Voting Behaviour – A Study o Elections in Telangana Districts	Dr. G. Veeranna	01/05/2013
12.	Kogila Shyam	Political Science	Environmental Policies and Practices – A Study of Warangal Municipal Corporation	Dr. B. Sanjeeva Reddy	12/06/2013
13.	M. Ramchandraiah	Political Science	Participation of Scheduled Caste Wmen in Panchayat Raj Institution – A Study in Mahaboobnagar District	Dr. A. Hari Prasad	13/06/2013
14.	Thogiti Rajesh	Political Science	The Role of K. Jayashankar in the Movement for Separate Telanagana – A Study	Dr. A. Hari Prasad	16/07/2013

AWARD OF Ph. D. DEGREES DURING THE YEAR FROM 2009 TO 27-05-2014
(POLIITICAL SCIENCE)

Sl. No .	Name of the Candidate	Subject	Title of the Thesis	Research Supervisor	Month & Year of Award
1.	S. Venkataiah	Political Science	Women Leadership in Local Bodies – A Study of Warangal District	Prof. K. Raghu Ram Reddy	04/2009
2.	K. Veera Swamy	Political Science	Political Recruitment in Andhra Pradesh: A Study (1999 & 2004)	Prof. K. Raghu Ram Reddy	05/2009
3.	N. Venkatanarsaiah	Political Science	The Impact of Public Policy on the Living Conditions of Tribals in Telangana Region – A Study	Dr. Ch. Dinesh Kumar	05/2009
4.	B. Laxminarayana	Political Science	India-Maldives Relations – A Study	Dr. P. Sammulal (Care-taker Supervisor)	07/2009
5.	A. Ramesh	Political Science	Backward caste Movements in Andhra Pradesh – A Study	Dr. Ch. Dinesh Kumar	08/2009
6.	B. Venkateshwara Reddy	Political Science	Women's Participation and Rural Governance in Andhra Pradesh – A Study	Prof. P. Hussain Khan	02/2010
7.	Arukonda Hari Prasad	Political Science	Rural Development in Andhra Pradesh – A Study of Janmabhoomi	Prof. K. Raghu Ram Reddy	17/05/2010



			Programme in Warangal District		
8.	Nagaraju Vadapalli	Political Science	Ambedkar, Ambedkarites and Their Political Participation in Andhra Pradesh	Dr. G. Veeranna	01/09/2010
9.	P. Radha Rukmini	Political Science	Working Women's Political Culture: A Study of Coal-Belt in Andhra Pradesh	Prof. P. Hussain Khan	08/02/2011
10.	Bhagyamma. K.	Political Science	Empowerment of Women – A Contribution of Dr. B.R. Ambedkar	Dr. Ch. Dinesh Kumar	05/03/2011
11.	Somalingam Salavadi	Political Science	Participation of Scheduled Caste Women in Local Bodies – A Study	Dr. G. Veeranna	02/12/2011
12.	Surarapu Bixsham	Political Science	Emergence of Dalit Leadership in Andhra Pradesh – A study of Panchayati Raj Institutions	Prof. P. Hussain Khan	17/02/2012
13.	Radhika. K	Political Science	Voting Behaviour of Scheduled Caste Women – A Study of Two Districts in Andhra Pradesh	Prof. K. Raghu Ram Reddy	22/02/2012
14.	E. Nageshwar Rao	Political Science	Emergence of Regional Parties in Andhra Pradesh – A Case Study of Telangana Rashtra Samithi	Dr. Ch. Dinesh Kumar	12/04/2012
15.	Sambalaxmi Thatla	Political Science	Empowerment of Women – A Study of SC Women Sarpanches in Warangal District	Dr. Ch. Dinesh Kumar	13/06/2012
16.	D. Satyanarayana	Political Science	Politics of Backwardness – A Study of Telangana	Dr. Ch. Dinesh Kumar	21/09/2012
17.	B. Sarangapani	Political Science	Performance of Integrated Tribal Development Agency – A Study of Bhadrachalam, Khammam District	Dr. G. Veeranna	03/10/2012
18.	Sanjeev Thallapelli	Political Science	Working of Panchayat Raj System in Andhra Pradesh – A Study of Karimanagar District	Prof. K. Raghu Ram Reddy	05/10/2012
19.	Vadlakonda Satyanarayana	Political Science	Women Partiipation in Development Programmes in Andhra Pradesh – A Study of Indira Kranthi Pathakam	Prof. P. Hussain Khan	19/10/2012
20.	M. Subhas	Political	Structure and Performance	Dr. Ch.	31/10/20



		Science	of Reservation Policy in Employment for Backward Castes – A Study of Kakatiya University	Dinesh Kumar	12
21.	Bhukya Ramdhan	Political Science	Rise of Dalit Consciousness and its Impact on Indian Polity with Reference to Andhra Pradesh	Prof. T. Krishna Kanth	14/11/2012
22.	V. Vijaya Kumar	Political Science	Electoral Politics in Andhra Pradesh – A Study of Telangana Rastra Samithi	Prof. K. Raghu Ram Reddy	12/12/2012
23.	Mahesh Dabbeti	Political Science	Elimination of Child Labour in Andhra Pradesh – A Study in Warangal District	Dr. Ch. Dinesh Kumar	24/12/2013

40. Number of post graduate students getting financial assistance from the university.

➤ NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

➤ NO.

42. Does the department obtain feedback from

➤ NO.

- i. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
- ii. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
- iii. alumni and employers on the programmes offered and how does the department utilize the feedback?

43. List the distinguished alumni of the department (maximum 10)

➤ NIL

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

➤ More than 10 special lectures were organised



45. List the teaching methods adopted by the faculty for different programmes.
 - Both Conventional & ICT
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
47. Highlight the participation of students and faculty in extension activities.
 - The students are actively engaged in NSS programmes
48. Give details of “beyond syllabus scholarly activities” of the department.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
 - NO.
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
 - Update of syllabus every 5 years
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
 - Having dedicated faculty, need new faculty urgently
52. Future plans of the department.
 - To start a new course in Diplomacy

**EVALUATIVE REPORT-STATISTICS DEPARTMENT**

1. Name of the Department : Department of Statistics, Kakatiya University
2. Year of Establishment : 1996
3. Is the Department part of a School / Faculty of the University? Yes
4. Names of Programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) PG and Ph.D.
5. Interdisciplinary Programmes and departmentsinvolved -----
6. Courses in collaboration with other universities, industries, foreign institutions, etc. ---
7. Details of programmes discontinued, if any, with reasons -----
8. Examination System: Semester System
9. Participation of the department in the courses offered by other departments

- : i. M.Sc(Integrated Chemistry).5 Years Course
ii. M.Sc. (Psychology) 2 Years Course

10. Number of teaching posts sanctioned, filled and actual (professors/Associate Professor/ Asst. Professor/ Others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	02	02	02
Associate Professor	-	-	-
Asst. Professor	-	-	-
Others	02	02	02

11. Faculty Profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph,D/ M.Phil. students guided for the last 4 years
Prof A. Rajendra Prasad	M.Sc., (Applied Statistics) Ph.D in Statistics	Professor	Boot Strapping methods Stochastic processes Computer Simulation Techniques	29	4 Candidates are working



12. List of senior visiting fellows, adjunct faculty, emeritus professors

1. Prof. V.V. HARAGOPAL, Dept, of Statistics, Osmania University, Hyderabad
2. Prof. K.L.A.P. SARMA, Dept, of Statistics, Sri Krishna Devaraya University, Anantapur

13. Percentage of classes taken by temporary Faculty – Programme – wise information

S.No.	Name of the Teacher	No. of Periods per week in the Semester – I & III	No. of Periods per week in the Semester – II & IV
1.	Dr. J. Srinivas	26	26
2.	Dr. D. VijayaLaxmi	26	26

14. Programme-wise student Teacher Ratio : 42:3

15. Number of Academic Support staff (technical) and administrative staff:
sanctioned, filled and actual : Nil

16. Research thrust areas as recognized by major funding agencies : Boot Strapping methods

17. Number of faculty with ongoing projects from

- a) national b) international funding agencies and c) Total grants received. Give the name of the funding agencies, project title and grants received project-wise : Nil

18. Inter-institutional collaborative projects and associated grants received Nil
a) National collaboration b) International Collaboration

19. Departmental projects funded by DST-FIST; UGC-SAP / CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. Nil

20. Research facility / centre with
✓ State Recognition Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies
Nil

22. Publications:

- Number of papers published in per reviewed journals (National) : 13
- Monographs -----
- Chapters in books -----
- Edited Books - Reviewed intermediate Mathematics Question bank-I published by Telugu Academy in the year 2011.
- Books with ISBN with details of publishers -----
- Number listed in international Database (for e.g. web of science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.)



- Citation Index – range / average -----
- SNIP -----
- SJR -----
- Impact Factor – range / average 02/02
- h-index -----

23. Details of patents and income generated Nil

24. Areas of consultancy and income generated Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad Nil

26. Faculty serving in

a) National committees	b) International committees	Nil
c) Editorial Boards	d) Any other (please specify)	

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation Programs, workshops, training programs and similar programs.)

28. Student projects

- Percentage of students who have done in-house projects including inter-department al projects : 10%
- Percentage of students doing projects in collaboration with other universities / industry / institute Nil

29. Awards / recognitions received at the national and international level by

- Faculty : 02
- Doctoral / post-doctoral fellows
- Students

30. Seminars / Conferences / workshops organized and the source of funding (national / international) with details of outstanding participants, if any. Nil

31. Code of ethics for research followed by the departments Nil

32. Students profile Programme-wise:

Name of the Programme (refer to question No.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc.	400	06	38	99	100



33. Diversity of student

Name of the Programme (refer to question No.4)	% of students from the same university	% of students from the other universities within the state	% of students from universities outside the state	% of students from other countries
M.Sc. (Statistics)	80%	20%	-	-

34. How many students have cleared Civil Services and Defense examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. Nil

35. Student progression

Student Progression	% against enrolled
UG to PG	60
PG to M.Phil.	--
PG to Ph.D.	4
Ph.D. to Post-Doctoral	--
Employed	
• Campus Selection	10
• Other than Campus recruitment	70

36. Diversity of Staff

Percentage of faculty who are graduates	
Of the same University	33.33%
From other Universities within the State	66.67%
From Universities from other State from	----
Universities outside the Country	----

37. Number of faculty who were awarded Ph.D., and During the assessment period



38. present details of departmental infrastructural
- Library Department is having 358 text Books I the Departmental Library
 - Internet facilities for staff and students 100%
 - Total number of class rooms 02
 - Class rooms with ICT facility ----
 - Students laboratories 01
 - Research laboratories 01

39. list of doctoral, post-doctoral students and Research Associates

- From the host institution / university -----
- From other institution / university -----

S.No.	Name of the Candidate
1.	Dr. A. Rajendra Prasad
2.	Dr. D. VijayaLaxmi
3.	Dr. D. Mallikarjun Reddy
4.	Dr. G. Lavanya
5.	Dr. J. Srinivas
6.	Dr. M. Mamatha

40. Number of post graduate students getting financial assistance from the university 30

41. Was any need assessment exercise undertaken before the development of new programme(s)? if so, highlight the methodology. Introduced CBCS System w.e.f. the academic year 2015-16

42. Does the department obtain feedback from

- Faculty on curriculum as well as teaching –learning –evaluation? If yes, how does the department utilize the feedback? -----
- Students on staff, curriculum and teaching –learning –evaluation and how does the department utilize the feedback? -----
- Alumni and employers on the programmes offered and how does the department utilize the feedback? -----

43. List the distinguished alumni of the department (maximum 10)

- B. JAI SAI GANESH
- K. RAJU
- B. BINDU
- M. ANUSHA
- K. NAVYA
- R. RAJITHA
- B. VEERANNA
- G. BADHRU NAIK
- P. LAXMAREDDY
- P. NAGARAJU



44. Give details of student enrichment programmes (special lectures / workshops/ seminar) involving external experts.

Arranged guest lectures by Professors from other Universities.

45. List the teaching methods adopted by the faculty for different programmes.
Introduced Computer Paper on “C- Programming”, and C++.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Intend to provide training on SAS & SPSS to students.

47. Highlight the participation of students and faculty in extension activities.

Students participated in NSS, Games & Sports conducted by the University.

48. Give details of “beyond syllabus scholarly activities” of the department. ---

49. State whether the programme / department is accredited / graded by other agencies? If yes, give details. -----

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. -----

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength:

Immediate Job Opportunities to the Students who completed M.Sc.(Statistics) Course

Weakness:

Lack of permanent faculty in the department.

Opportunities:

Wide range of opportunities for Statistics subject in many fields like industries, banks, insurance companies, pharmaceutical companies etc.

Challenges:

To grab the best possible jobs by our students in the diversified sectors.

52. Future plans of the department.

If staff positions are increased, planning to introduce electives in Stochastic Processes, and also to introduce inter-disciplinary research center.

**EVALUATIVE REPORT - TELUGU DEPARTMENT**

1. Name of the Department TELUGU
2. Year of establishment 1976
3. Is the Department part of a School/Faculty of the university? YES
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) PG, M.Phil., Ph.D
5. Interdisciplinary programmes and departments involved Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
No
7. Details of programmes discontinued, if any, with reasons No
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
Semester System, Choice Based Credited System Implemented
9. Participation of the department in the courses offered by other departments
5 Years Integrated Chemistry
5 Years Integrated Biotechnology
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Present working in the Department
Professor	01
Associate Professor	--
Asst. Professor	04
Others Asst. Professor (Contract basis)	05



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name of the Teacher	Designation	Qualification	Specialization	Teaching Experience	No. of Ph.D /M.Phil Students guided for last 5 years	
					Ph.D	M.P hil
Dr. K. Katyayani	Rtd Professor	Ph.D.	Novel & Short Story, Women Studies, Regional Studies, Bibliographies and Alan Kara Sastram	35	(Retired October 2015)	
Dr. K. Yadagiri	Rtd Professor	Ph.D.	Modern Critics & Criticism in Telugu, Indian Aesthetics	28	Retired January 2016)	
Dr. B. Ailaiah	Professor	Ph.D	Modern Poetry, Dalith Literature, Telangana Literature	27	08	-
Dr. P. Venkateswarlu	Assistant Professor	Ph.D	Modern Poetry, Telangana Regional Studies, Novel, Short Story and Folk Literature	11	05	-
Dr. V. Sreedevi	Assistant Professor	Ph.D	Novel, Culture, Folk Literature	11	06	-
Dr. G. Kishan Prasad	Assistant Professor	M.Phil Ph.D	Classical, Modern Poetry Drama and Telangana Regional Studies	12	02	-
Dr. A. Jyothi	Assistant Professor	M.A, Ph.D	Classical, Modern Poetry and Dalith Sahityham	10	Nil	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Prof. Rachapalem Chandra Shekar Reddy, Yogi Vemana Uni. Cuddapa
- Yoga Prabhavathidevi, Acharya Nagarjuna University, Guntur
- Prof. Nanumasa Swamy, Dept. of Telugu, Osmania University, Hyderabad
- Prof. N. Bhakthavatsala Reddy, P.S. Telugu University, Girijan Vigana Petham, Warangal
- Prof. S.V. Satyanarayana, P.S Telugu University, Hyderabad

13. Percentage of classes taken by temporary faculty – programme-wise information
15%



14. Programme-wise Student Teacher Ratio

Programme	Students Teachers Ratio
M.A Telugu	1: 14
M.Phil	1 : 4
Ph.D Telugu	1: 8

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Academic Staff (Technical)		Administrative Staff	
Sanction	Filled	Sanctioned	Filled
-	-	-	-

16. Research thrust areas as recognized by major funding agencies

- Regional Studies in Telugu Literature in Telangana
- Bibliography of Telangana
- Telugulo Streela Sahithyam
- Telugulo Dalitha Sahithyam
- Telangana Katha, Telangana Navel

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Sl No	Name of the Faculty	Funding Agency	Title of the Project (Completed)
1.	Prof. K. Katyayai	UGC	Women's Literature in Telugu 1900 – 1950 – Prof. K. Katyayani
2.	Prof. Banna Ailaiah	UGC	Telugu Sahityampai Mahatma Gandhi and Dr. B.R. Ambedkar Prabhavam
3.	Dr. V. Sreedevi	UGC	Telangana Telugu Katha – Vikasam

18. Inter-institutional collaborative projects and associated grants received

- National collaboration -
- International collaboration -

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Sanctioned UGC – SAP – DRS – I (2007-2012) & II (since 2013)



Sl No	Name of the Principal Investigator	Funding Agency
1	Departmental Project , SAP, DRS-I	UGC (Completed) 2007-2012
2	Departmental Project , SAP, DRS-I I	UGC ongoing (2013-2018)
2	Prof. K. Katyayani	UGC, MRP
3	Prof. Banna Ailaiah	UGC, MRP
4	Dr. V. Sreedevi	UGC, MRP
5	Dr. P. Venkateswarlu	UGC, MRP

20. Research facility / centre with

- State recognition - Yes
- national recognition - Yes
- international recognition - No

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

Department Publications

- a) Vimarshini - Research Journal No: 21 March, -2009
- b) Palkuriki Somanthuni Kruthulu - 2009
(Proceedings of National Seminar under SAP, DRS-I)
- c) Vimarshini - Research Journal No: 22 July, -2013
- d) Vimarshini - Research Journal No: 23 July, -2014
- e) Vimarshini - Research Journal No: 24 July, -2015

Faculty Publications

Prof. K. Katyayani Publications

- a. Sahityakaashamlo Sagam - Streela Asthitwa Sahityam – Kavitham – Katha 2010
- b. Mahila Sadhikaratha - Savaalu - Samaja Sahitya Swabhavalu (T. Jyothi Rani)2012
- c. Sthreevadam - Andhra Pradesh, State Cultural Department, Samskruthika Mandali, P.S. Telugu University, December 2012
- d. Streevadam - 2012
- e. Telangana Sahityam - Prantheyatha 2012
- f. Prantheya Chaitanyam-Telangana Sahityam Pala Pitta Books, Hyderabad September 2013
- g. Kodavatiganti Kutumba Rao 2015
- h. Mahilala Navalalu - Manaveeya Viluvalu - October 2015

Edited

- 1 Sree Krishna Duthyamu – Mari Konny Mukthakalu- Khandikalu 2009
- 2 Oka Rathnamu – Oka Manthramu 2010
- 3 Sahitya Sambavana 2011
- 4 Geethanjali 2012
- 5 Shastreeya Sameekshalu - Mundumatalu 2013
- 6 Prantheya Chaitanyam – Telangana Sahithyam - 2013
- 7 Kavitwam : Anubhaam-Avagahana - 2014
- 8 Navalaa Lokanam - 2015

Prof. B. Ailaiah

Publications

- 1 Kaluva Mallaiah Kathalu – Telangana jana Jeevitham 2010
- 2 Telangana Sahithya Samstalu – 2012
- 3 Telangana Sahithya Samstalu – 2013 (Monograph)2013
- 4 1969 Telangana Udyamam Praja Kavi Kaloji Kavitwam 2013
- 5 Sahithi Vahini 2015
- 6 Telangana Sahitya Peethikalu 2016

Edited:

1.	2011	Telangana Kala Rekhalu Mulyankanam
2.	2012	Jan- Satkruthi, Collection of Telangana Literary essays and Girija Manohar Babu Shasthipoorthi Sanchika
3.	2012	Sathpruthi (Telangana Sahitya Vyasalu, Girija Manohar babugari Shastripoorthi Sanchika)
4.	2013	Dec- Vallampatla Seva Darshini, Renowned social worker writer and Hetuvadhi Shasthipoorthi Sanchika
5.	2013	Valampatla Seva Darshini
6.	2014	Telangana Rastra Aavirbha Varostsavalu Speical Issue, Published Kakatiya University
7.	2014	Telangana Rastra Avirbhava Varostsavalu (2 – 9 June 2014) Special Issue (with others)
8.	2015	Jabilli - Telugu Vachakam - 2 nd Class
9.	2015	Jabilli- Telugu Vachakam – 3 rd Class
10.	2015	Jabilli- Telugu Vachakam- 4 th Class
11.	2015	Jabilli- Telugu Vachakam- 5 th Class
12.	2015	Navavasantham – Telugu Vachakam – 6 th Class
13.	2015	Navavasantham – Telugu Vachakam – 7 th Class
14.	2015	Navodayam-Telugu Text Book-S.L – First Year
15.	2015	Ushodayam – M.L. Telugu Text Book – First Year
16.	2016	Research Journal No. 24 July 2016
17.	2016	Koligi (Telugu Academy)



Dr. P. Venkateswarlu

Publications

- 1 Drukpadam – Collection of Literary Critical Essays

Edited:

- a. Telangana Telugu Katha - 2011
- b. (Proceedings of National Seminar)
- c. Telangana Telugu Navala -2012
- d. (Proceedings of National Seminar)
- e. Vimarshini – Research Jounrla No. 22 July 2013
- f. Vimarshini – Research Jounrla No. 23 July 2014

Dr. V. Sreedevi

Publications:

- 1 Dasharathi Rangacharya Jeevitha, Vangmaya Suchika –Jan. 2009
- 2 Dasharathi Ranga Charya Jeevitham- Sahithyam – Samajam – 2010
- 3 Prantheeya Sahithyam – Telangana Astithvam – 2013

Number of papers published in peer reviewed journals (National / international)

- ❖ Monographs -
- ❖ Chapters in Books -
- ❖ Edited Books 24
- ❖ Books with ISBN with details of publishers -

Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

- ❖ Citation Index – range / average -
 - ❖ SNIP -
 - ❖ SJR -
 - ❖ Impact Factor – range / average Nil
 - ❖ h-index -
23. Details of patents and income generated Nil
 24. Areas of consultancy and income generated Nil
 25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad Nil



26. Faculty serving in
- | | |
|-------------------------------|-----|
| e) National committees | Yes |
| f) International committees | No |
| g) Editorial Boards | Yes |
| h) any other (please specify) | Nil |
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Sl No	Faculty Name	Programme Name
1	Dr. P.Venkateswarlu	Attended, Refresher Course in Telugu Organized by UGC, Academic Staff College, Osmania University, Hyderabad from 06-01-2012 to 28-01-2012
2	A. Jyothi	Attended Refresher Course in Research Methodology Organized by JNTU, Hyderabad from 03-03-2014 to 22-03-2014
3	Dr. G. Kishan Prasad	68 th Orientation Course at UGC, Academic College, Osmania University, 25-04-2011 to 21-05-2011 and RC Course in Human Right (ID) UGC, Academic Staff College, Osmania University, Hyderabad, 04-06-2014 to 25-06-2014

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects
Nil
- percentage of students doing projects in collaboration with other universities / industry / institute
Nil

29. Awards / recognitions received at the national and international level by

A) Faculty Prof. K. Katyayani, Received Kendra Sahitya Academy Award from Kendra Sahitya Academy,
New Delhi

b) Doctoral / post doctoral fellows Nil

B) Students

i) Post doctoral fellows	04
ii) Junior Research Fellowship	07

30. Seminars/ Conferences/Workshops organized and the source of funding (National International) with details of outstanding participants, if any.

1. 2010 March	UGC, National Seminar on Telangana Samajika Samskruthika, Sahitya Udyama (under SAP,DRS-I)
2. 2012 Jan.	A National Seminar on Rendu Dashabdala (1990-2010) Telugu Rachayitraula Sahtiaym,



3. 2012 March Gamanam, Gamyam with collaboration of Southern Regional Language, Centre Central Institute of Indian Languages , Mysore
UGC, National Seminar on Telangana Sahitya Sekarana – Adhyayana Paddhatulu (Under SAP, DRS-I)
 4. 2012 Sept. A National Seminar on Gurajada Jeevitha Drukpatham – Sahityam with Collaboration of Department of Language and Couture, AP
 5. 2013 Jan. A National Seminar on Feminism in Telugu with collaboration of Southern Regional Language, Centre Central Institute of Indian Languages , Mysore
 6. 2013 October A National Seminar on Jashuva Sahithya Tathvam Samakaleena Drukpadam with collaboration of Telugu Academy, A.P
 7. 2014 March UGC National Seminar on Telangana Sahitya Charitra Punarnirmanam
 8. 2014 September A National Seminar on “Evaluation of 18th and 19th Century Telugu Literature” Jointly organized by center for classical language Telugu, University of Hyderabad
 9. 2015 January UGC National Seminar on “Telangana Nataka Sahithyam
 10. 2015 Feb UGC National Seminar on “Telangana Telugu Sahityam-Sekarana Madimpu, Paddathulu” (under SAP, DRS-II)
 11. 2015 March UGC National Seminar on “Telangana Rastra Udyama Sahityam ” (under SAP, DRS-II)
 12. 2017 February UGC National Seminar on “Swathantrayanthara Praja Raajakeeyalau – Relugu Sahityam”
31. Code of ethics for research followed by the departments
 32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Application received	Selected		Pass percentage	
		Male	Female	Male	Female
PG	900	21	16	100%	100%
M.Phil	220	06	06	100%	100%
Ph.D	665	02	04	100%	100%



33. Diversity of Students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
PG	90%	Nil	Nil	Nil
M.Phil	90%	Nil	Nil	Nil
Ph.D	100%	Nil	Nil	Nil

34. How many students have cleared Civil Services and Defense Services? Examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Civil Services and Defense Services examinations,	Nil
NET	- 65
SET,	- 67
GATE/JRF	- 10

35. Student progression

Student progression	Percentage against enrolled
UG to PG	25%
PG to M.Phil	25%
PG to Ph.D	30%
Ph.D to Post Doctoral	05%
Employed Campus selection	Nil
Other than campus recruitment	25%
Entrepreneurs	25%

36. Diversity of staff

Percentage of faculty who are graduates of	Nil
the same university	80%
From other universities within the State from	20%
Universities from other States from	Nil
Universities outside the country	Nil



37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Name	Ph.Ds	M.Phil
Prof. K. Katyayani	03	03
Prof. B. Ailaiah	07	10
Prof. K. Yadagiri	05	05
Dr. P. Venkateswarlu	03	04
Dr. V. Sreedevi	03	01

38. Present details of departmental infrastructural facilities with regard to

a) Library Departmental Library

b) Internet facilities for staff and students Yes

c) Total number of class rooms 02

d) Class rooms with ICT facility 01

e) Students' laboratories Nil

f) Research laboratories Nil

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university

b) from other institutions/universities

1 Dravidian University Kuppam,

2. Acharya Nagarjuna University, Guntur

40. Number of post graduate students getting financial assistance from the university.
Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. Nil

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, time to time the department will obtain feedback from the faculty on curriculum and evolve method to update it.



- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

The alumni meet shall be conducted their feedback is sought for the improvement of quality in education and providing adequate facilities for the students.

43. List the distinguished alumni of the department (maximum 10)

- i) Prof. Anumandla Bhoomaiah
- ii) Prof. P. Jyothi
- iii) Namilikonda Balaksihan Rao
- iv) V. Krishna Rao
- v) Dr. G. Yadagiri
- vi) Dr. Ch. Mohan
- vii) Dr. Ch. Anjaneyulu
- viii) Dr. Usha
- ix) Dr. Vijayalaxmi
- x) Palleru Veeraswamy

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

45. List the teaching methods adopted by the faculty for different programmes.

Extension Lecturers
Visiting Fellows
Visiting Professor

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Continuous evolution and internal assessment tests are conducted.

47. Highlight the participation of students and faculty in extension activities.

The students are encouraged to appear for NET, SLET and other competitive examinations

48. Give details of “beyond syllabus scholarly activities” of the department.

- ❖ The Department regularly celebrates Telugu Basha Dinotsavam
- ❖ The Students and Scholars visits to the Literary Historical places as part of curriculum

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.



The department is actively participating in the organization of, Seminars, Students Seminars etc.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

a. Strengths

- ❖ Strong faculty with specialization in different areas of Telugu Literature
- ❖ Department and UGC, SAP Library
- ❖ Research Projects and JRF & RGNF Fellowships

b. Weaknesses

- ❖ Insufficient Funds to Develop Infrastructure Seminar Hall and Staff Rooms & permanent teachers are not recruited last decade.

c. Opportunities

- ❖ PG Students and Research Scholars find Job opportunities in Government, Private Sectors, entrepreneurship.

d. Challenges

- ❖ Since our Students are drawn from rural and tribal areas, there is a need to improve computer skills and personality development

52. Future plans of the department.

- ❖ To establish language laboratory for improving the communication and Writing skills
- ❖ The Department proposes to establish the “Dalith & Women Literature and Tribal Chairs “ this chair to study the Dalith & Women Literature and Tribal as source material to under stand the historical development of various Social group of society who gave a shape to the same with their production of goods and Ideology.
- ❖ The Department proposes to establish the one years Telugu Diploma Course in NATURAL LANGUAGE PROCESS (NLP)



EVALUATIVE REPORT – ZOOLOGY DEPARTMENT

1. Name of the Department - ZOOLOGY
2. Year of establishment - 1976
3. Is the Department part of a School/Faculty of the university? – Faculty of the university
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) – P.G. & Ph.D. Programmes
5. Interdisciplinary programmes and departments involved – Biotechnology, Biochemistry and Pharmacy.
6. Courses in collaboration with other universities, industries, foreign institutions, etc. - NIL
7. Details of programmes discontinued, if any, with reasons -NIL
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System – Semester system
9. Participation of the department in the courses offered by other departments - Biotechnology, Biochemistry and Pharmacy.
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others) – Information not available in the Department.

	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	01	01	02
Associate Professors	04	--	--
Asst. Professors	08	--	03
Others			



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Prof. Ch. Sammaih	M.Sc. Ph.D.	Professor	Environmental Biology	33	4
Prof. N.Vijaya Kumar	M.Sc. Ph.D.	Professor	Physiology and Biochemistry	33	2
Prof. Y. Prameela Devi	M.Sc. Ph.D.	Professor	Environmental Biotechnology	30	Nil
Prof. M. Krishna Reddy	M.Sc. Ph.D.	Professor	Reproductive Physiology	28	5
Prof. M. Swamy	M.Sc. Ph.D.	Professor	Histochemistry and Parasitology	22	Nil
Prof. T. Ravinder Reddy	M.Sc. Ph.D.	Professor	Eco Physiology and Toxicology	22	3
Prof. G. Benerjee	M.Sc. Ph.D.	Professor	Histochemistry and Fisheries	22	3
Dr. G. Shamitha	M.Sc. Ph.D.	Assistant Professor	Seribiotechnology	07	1
Dr. Y. Venkaiah	M.Sc. Ph.D.	Assistant Professor	Enzymology	07	1
Dr. M. Estari	M.Sc. Ph.D.	Assistant Professor	Infectious diseases	07	2

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors - 0
13. Percentage of classes taken by temporary faculty – programme-wise information - 0
14. Programme-wise Student Teacher Ratio 7:1
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual –Information not available.
16. Research thrust areas as recognized by major funding agencies – Environmental Biology, reproductive Physiology, Eco-Physiology, Histochemistry, Seribiotechnology, Enzymology, Infectious diseases and metabolic disorders



17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.
 - a. Prof. Ch. Sammaiah- UGC- Ecological Impacts of BT cotton on soil biodiversity.- Rs: 7,53,800/-
 - b. Prof. Y. Prameela Devi- UGC- development of Biosensors for environmental monitoring of endocrine disrupting chemicals. Rs: 7,09,800/-
 - c. Prof. M. Krishna Reddy- UGC -anti HIV activity of the extracts of fresh water mussels (*Lamidens marginalis* Rs. 8,92,200/-
 - d. Prof. M. Swamy –UGC- Ecological Studies and plankton diversity in certain lentic water bodies of Adilabad district ,AP- Rs: 8,72,800/-
 - e. Prof T. Ravinder Reddy, -UGC –Ecological Studies and Plankton diversity in certain lentic water bodies o Warangal District –AP- Rs:12,50,000/-
 - f. Dr. G. Shamitha
 - a) DBT- Molecular Characterization of tasar silk worm, *Antheraea mylitta*- Rs: 29,50,000/-
 - b) UGC- Studies on genetic diversity and breeding of of tasar silk worm, *Antheraea mylitta*, Rs : 9,50,000/-
 - g. Dr. Y. Venkaiah –UGC- Studies of estranges in Parotid gland secretions of the toad- Rs: 8,31,800/-
 - h. Dr. M. Estari-
 - a) DST- Isolation, Partial Purification and characterization of HIV proteas inhibitors from fresh water mussels (*Lamidens marginalis*)- Rs: 21, 20000/-
 - b) Invitro HIV type –Reverse transcribing inhibitory activities of some active compounds form *Phyllanthus emblica*- Rs: 47, 20,000/-
18. Inter-institutional collaborative projects and associated grants received - NIL
 - a) National collaboration b) International collaboration
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
 - I. DST –FIST -25,00,000/-
 - II. UGC- NON SAP- 15,00,000/-
20. Research facility / centre with - NIL
 - a. state recognition
 - b. national recognition
 - c. international recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies - NIL



22. Publications:

- Number of papers published in peer reviewed journals (national / international) 129/ 68
- Monographs -
 - Chapters in Books
 - Edited Books
- Books with ISBN with details of publishers
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Citation Index – range / average
- SNIP
- SJR
- Impact Factor – range / average
- h-index

23. Details of patents and income generated -NIL

24. Areas of consultancy and income generated -NIL

25. Faculty selected nationally / internationally to visit other laboratories / institutions

a. industries in India and abroad =NIL

26. Faculty serving in -NIL

i) National committees b) International committees c) Editorial Boards d) any other (please specify)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Dr. G, Shamitha-

1. Orientation Programme- 6th May to 11th June, 2005, Osmania University, Hyderabad (UGC)
2. Orientation Programme – 25th April to 15th May, 2009, Osmania University, Hyderabad (UGC).
3. Refresher Course- 9th Dec to 29th Dec, 2010, Hyderabad Central University, (UGC)

Dr. Y. Venkaiah-

1. Orientation course –20- 04- 2009 to 15 -05 -2009, Osmania University, Hyderabad (UGC).
2. Refresher course – 9-12- 2010 to 29 -12- 2010. Hyderabad Central Universtiy (UGC).
3. Refresher Course- 15-05- 2013 to 29- 05- 2013, Madhurai kamaraj University, Tmilnmadu,(UGC).



Dr. M. Estari

1. Orientation Programme – 25-04-2011 to 21-05-2011- Osmania University, Hyderabad (UGC).
2. Refresher course- 04-07-2012 to 05-10-2013 - Osmania University, Hyderabad, (UGC).
3. Refresher course- 22-09- 2013 to 05- 10- 2013- Hafkins University, Mumbai, Science Academy.

28. Student projects - NIL

- a. percentage of students who have done in-house projects including inter-departmental projects
- b. percentage of students doing projects in collaboration with other universities

1. industry / institute

29. Awards / recognitions received at the national and international level by

- a. Faculty
- b. Doctoral / post doctoral fellows
- c. Students

1. Prof. Ch. Sammaiah- state best teacher award -2013.
2. Prof. Y. Pameela Devi- Australian Government professional development award- 2010
3. Dr. G. Shamitha- Best Citizen of India – 2012
4. Dr. Y. Venkaiah – Bharath Siksha Ratan award- 2012
5. Dr. M. Estari- DST -Young Scientist award – 2012
6. Mr. R. Vijay Kumar has been awarded DST- INSPIRE fellowship for research program-2012
7. Two of M.Sc. final year students (K. Ashwini and M. Mounika) have been awarded summer research fellowships by Indian academy of Sciences, Bangalore- 2014.
8. Two of M.Sc. first year students (Reshma, Suvarna) have been awarded National Indira Gandhi fellowships-2013-14.

30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any.

- a. National Seminar on “Recent trends in Animal Sciences” – 12th to 13th March, 2009.
- b. National seminar on “Emerging trends in animal biotechnology”- 26th to 27th March, 2010.
- c. Two days work shop on “Biological applications of computers and bioinformatics”- 6th to 7th October, 2010.
- d. Five Day workshop on “Tools and Techniques in Biology”- 10th to 14th December, 2010.



- e. Science academies lecture Work shop on Uses of Recombinant DNA Technology in modern health during 30-11-2012 to 01-12-2012 sponsored by Indian Academy of Sciences (Bangalore).
- f. How do we sequence our DNA- past, present and future by Dr. Ch. Mohan Rao, Director, CCMB, Hyderabad on 06-11-2012 sponsored by AP science academy.
- g. National science Day: 28-02-2013 Guest Speaker R. Umma Reddy, Scientist and Cordiantor, DATTC, Warangal.
- h. One day national seminar on New Frontiers in Animal Sciences on 4-4-2013.
- i. Guest Speakers Prof. N. Chary, Retired Professor Department of Zoology and Dr. Y. Venkata Ramana, Scientist and Deputy director, National Institute of Nutrition, Taranka, Hyderabad.

31. Code of ethics for research followed by the departments - YES

32. Student profile programme-wise: NIL

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female

33. Diversity of students : Nil

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

6 Students SET and 2 Students NET Qualified.



35. Student progression Information – information is not available

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed ☐ Campus selection ☐ Other than campus recruitment	
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	60%
from other universities within the State	40%
from universities from other States	
from universities outside the country	

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period - NIL.

38. Present details of departmental infrastructural facilities with regard to

- Library – Departmental Library with more than 1500 books
- Internet facilities for staff and students-Available
- Total number of class rooms-4
- Class rooms with ICT facility
- Students' laboratories-2
- Research laboratories-8

39. List of doctoral, post-doctoral students and Research Associates

- a. from the host institution/university – 32 Doctoral and 3 Post Doctoral students
- b. from other institutions/universities

40. Number of post graduate students getting financial assistance from the university-
NIL.



41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NIL.

42. Does the department obtain feedback from –

NIL.

- i. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
- ii. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
- iii. alumni and employers on the programmes offered and how does the department utilize the feedback?

43. List the distinguished alumni of the department (maximum 10)

1. Dr. V. Radhakrishna, Scientist National Institute of Health, Bethesda, USA.
2. Dr. J. Shankar, Scientist, Medical School, USA.
3. Dr. V. Ramesh, Scientist (Biotech), USA.
4. Dr. G. Chandrmouli, Medical College Hospital, New York.
5. Dr. P. Usha Rani, Scientist –E, IICT (CSIR), Hyderabad.
6. Dr. Y. Venkata ramana, Scientist –D, National Institute of Nutrition, Hyderabad.
7. Dr. A. Muralidhar Rao, Product Manager, Jhonson & Jhonso, cardiac medical division, Chennai.
8. Dr. K. Rajendra Kumar, IPS, DGP, Kashmir.
9. Dr. A. Ravi, District Malaria Officer, Adilabad.
10. Mr. Veerabrahmam, Collector, Karimnagar.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- a Two days work shop on “Biological applications of computers and bioinformatics”- 6th to 7th October, 2010.
- b Five Day workshop on “Tools and Techniques in Biology”- 10th to 14th December, 2010.
- c National science Day: 28-02-2013 Guest Speaker R. Umma Reddy, Scientist and Cordiantor, DATTC, Warangal.

45. List the teaching methods adopted by the faculty for different programmes.

The staff members use overhead projectors and LCD projector for teaching students.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? -
47. Highlight the participation of students and faculty in extension activities. –Students and faculty members are actively involving National Servicing Scheme (NSS) activities.



48. Give details of “beyond syllabus scholarly activities” of the department.

NIL.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NIL.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

NIL.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths –

1. Expert faculty in different branches of Zoology.
2. Department library and computer lab.
3. Well established individual laboratories.
4. Grants in the form of projects from different funding agencies (UGC, DBT, DST).

Weaknesses:

1. Lack of capital intensive infrastructural facilities.
2. Lack of extensive activities.

52. Future plans of the department.

1. To strengthen the department by improving teaching and learning facilities.
2. Establishment of modern research laboratory and renovation of existing labs with the UGC -NONSAP grant (15, 00,000/-).
3. Implementation of recently revised syllabus.
4. Conducting of regular seminar classes by the students to improve their knowledge.
5. To organize the third INPIRE internship Science camp sponsored by DST, Govt. of India, New Delhi.
6. To organize national / international seminars regularly.