

**KAKATIYA UNIVERSITY**  
**NAAC RE- ACCREDITATION 2014**  
**REACCREDITATION REPORT**



**SUBMITTED TO**  
**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)**  
**BANGALORE**  
**2014**



## PREFACE

Kakatiya University aims at being one of the premier centres of higher education in dissemination of knowledge to the society. The Mission of the University is to march towards academic excellence in teaching, research and extension activities by providing access, equity and quality of education and setting up high academic values inculcating competitive spirit and human values among the students, promoting peace and harmony in the society and contributing for the amelioration of the weaker sections in an economically, socially and educationally backward region of the new state of Telangana. After the formation of Telangana state on 2<sup>nd</sup> June, 2014 Kakatiya University stands second biggest educational institution serving the northern Telangana districts after Osmania University.

For the development of University, in addition to the achievement of Excellence, Inclusion and Expansion are also equally important. The vision and mission enabled the University to emerge as a strong centre of the higher education in the state. As a present custodian of this institution, it gives me immense pleasure to present the significant contributions made by our University in the last five years.

The Kakatiya University was first accredited with B+ grade rating in the year 2003. It occupied 38<sup>th</sup> position in national level rankings by **India Today-Nielsen Survey**. Kakatiya University is the second one in the south to become a European Union partner for exchange of scholars on ERAMUS projects for two way mobility between KU and EU. Subsequently in 2009 University was reaccredited with 'A' grade.

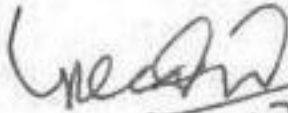
The significant contribution made by Kakatiya University is the result of sustained and dedicated efforts of all the stakeholders-members of the Executive Council, the Academic Senate, Finance Committee, Faculty, Administrative Staff members from affiliated colleges, alumni and our beloved students. Some of our achievements include.

- Having collaborative research with 19 national and international agencies, centers and universities.
- Recognition at international level by becoming a European Union partner for exchange of scholars on ERAMUS project, the first among universities in the state.
- Sanction of UGC-DRS-SAP and DST-Fist programmes to 15 departments.
- Considerable increase in the research output with 140 research projects and 1770 research publications a majority of them attaining international standards.
- Strengthening of physical and IT infrastructure, especially strengthening of the research and student laboratories with equipment to enhance the teaching learning experience.
- New courses, setting up of new departments.
- overall increase in student enrolment
- reaching the unreached through the School of Distance Learning and Continuing Education.
- promoting equity and access through free education scheme, fee concessions, gender parity in admissions and student support services.
- collaborations with national and international institutions through MoUs.
  - encouraging holistic development of students through extension activities and receiving the Indira Gandhi National Award by Govt of India, State Level Award by State Government and International Award of the President's Volunteer Service Award by American President Mr. Barak Obama, for the meritorious services of NSS unit of this University
- preparing students to excel in the job market through placement activities and through special training.

The Contributions and best practices outlined in this Reaccreditation Report bear and testimony to the organized, transparent and collaborative functioning of the University.

Place: Warangal

Date : - 09-2014

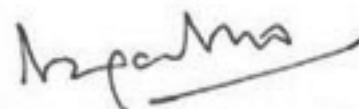
  
17/10/14  
**Prof. K. Veera Reddy**  
I/c Vice- Chancellor  
Kakatiya University.  
Vice-Chancellor.  
KAKATIYA UNIVERSITY  
WARANGAL-505 002 (A.P.)

## **Declaration by the Head of the Institution**

I certify that the data included in this Reaccreditation Report (RAR) are true to the best of my knowledge.

This RAR 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 RAR during the peer team visit.



***Signature of the Head of the institution***

**Registrar**  
KAKATIYA UNIVERSITY  
WARANGAL- 506009 (A.P)

**Place:**

**Date:**



# **REACCREDITATION REPORT**

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# **EXECUTIVE SUMMARY**



## **EXECUTIVE SUMMARY**

The Kakatiya University was established in 1976. Subsequently, University Grants Commission, New Delhi recognized it under sections '2f' and '12B' in 1978. It is a State University and an affiliating University. It was first accredited by NAAC, Bangalore, in 2003 with B<sup>+</sup> Grade and re-accredited in 2009 with A Grade. The vision and mission of the university are:

### **Vision**

Kakatiya University aims at being one of the leading centres of higher education to be emulated by other Universities in the country through generation and dissemination of knowledge to the society and inculcating competitive spirit and human values among the students; promoting harmony and peace in the society; and contributing in a distinct way for the amelioration of the weaker sections in an economically, socially and educationally backward region of the state. It has been striving constantly to achieve its vision through lofty standards in teaching, research and extension activities by involving all the stakeholders.

### **Mission**

The Mission of the University is to march towards academic excellence in teaching, research and extension activities by promoting access, equity and quality of education. The following goals reflect the mission of the University:

- To attain laudable standards in teaching
- To impart qualitative knowledge and develop all round skills of the students keeping in view the latest technological advancement and innovations.
- To achieve laurels in research and making it contemporary and socially relevant.
- To undertake collaborative research work with reputed national and international institutions/organizations.
- To undertake extension activities/services. Involve the faculty and students in the community services and contribute to bring social harmony and peace in the society.
- To inculcate righteousness, culture, tradition and human values among the students.
- To equip the students to meet the global challenges of 21<sup>st</sup> century.
- To promote national integration among the students.
- To promote interaction between the University and civil society.
- To make the University administration more transparent and accountable.
- To involve the University in extension activities for community development and environmental protection.
- To provide the socially deprived sections of the society an access to higher education to ensure equity.

The jurisdiction of Kakatiya University extends to three districts viz. Adilabad, Khammam and Warangal districts of North Telangana region. Earlier the colleges of Karimnagar district were also affiliated to this university, but after the establishment of Satavahana University the affiliation of all the colleges was transferred to that university. The main campus spreading over 650 acres is located at Vidyaranyaपुरi, Hanamkonda on the Hamankonda-Karimnagar Road, where seven constituent colleges along with all the administrative wings are situated. The university has one satellite campus of 30.25 acres at Subedari, Hanamkonda, where four constituent colleges are situated. The University College of Engineering and Technology is at Kothagudem, Khammam District, University P.G. College is at Khammam and University P.G. College is at Nirmal. The area of these three colleges put together is 490.16 acres. The number of colleges under the academic control of Kakatiya University are 409. There are 83 colleges in Adilabad district, 124 in Khammam district; and 202 in Warangal district; out of which 18 are Constituent Colleges, 47 Government Colleges, 05 Aided Colleges and the rest are Private Self-financed Colleges. About 20% of

colleges offer more than one type of courses like UG/PG/MBA/MCA etc. For administrative convenience, the university listed all colleges level-wise naming them as UG Colleges, PG Colleges, MBA Colleges, MCA Colleges etc. For this reason a college offering more than one level appears in more than one list. Hence the number of colleges is shown as 490.

The University is committed to meet the augmented demand in the expansion of specialized courses from time to time, and is striving hard to provide appreciable scholastic activities to the increased number of students. Since its establishment in 1976 several steps were taken for the overall development of the infrastructure facilities in order to cater to the requirements of both faculty, staff, students and research scholars. The vast area of the land spreading across 650 acres is being used effectively and efficiently for the developmental activities from the available sources and funds from the UGC, State Government and other funding agencies. The various departments on the campus are well accommodated in different buildings of their own and beautified with lawns. All these departments have well ventilated classrooms with audio-video facilities, seminar halls, computer labs, and faculty rooms. The laboratories in the science departments have the state of the art equipment to promote effective research. The university encourages individual and collective research by the faculty and the scholars. The students of the university have the distinction of being placed in the corporate world.

Giving utmost priority to the students, the university has been relentlessly striving to provide modern facilities. They include internet facility through campus LAN, twelve hours of library facilities, sports and games complexes, round the clock Medicare, placement counseling besides comfortable hostel facilities. Remedial courses and coaching programmes to the needy are also organized through Center for English Language Training (CELT), NET/SLET coaching center. Apart from the above, the Center for Women's Studies, Dr. Ambedkar Studies Centre and the Yoga Centre offer services to the students in the University with the financial assistance provided by the UGC.

The University is sincerely attempting to emerge as one of the premier academic institutions in the country. On academic front, the impression of all academicians and intellectuals who visited our University on different assignments has been excellent and the number and quality of the seminars, symposia, workshops and refresher courses conducted by all the departments vouchsafe the same. Plans to strengthen our academic programs, teaching learning process, attendance in the class rooms, facilities in the laboratories are in full swing.

On the main campus the physical facilities available are

1) An air-conditioned auditorium with a seating capacity of 1200, an air-conditioned Senate Hall in the main building with a capacity of 400, Venkatramiah Hall and Basavi Reddy Hall with the capacity of 300 each. In addition, there are 14 A/C Seminar Halls located in different departments with the capacity of 100 each.

2) Total play area spreading over 100 acres with Walking Track, Athletic Track, Gymnasium, Indoor Stadium, Cricket Pitches, Basket Ball Court, Volleyball Court, Ball Badminton Court, Handball Court etc.,

3) Seventeen Hostels for students (12 for Boys and 5 for Girls). In addition, there is one Working Women's Hostel. In total about 3400 students are accommodated, of which around 1900 are women students.

4) About 30 staff quarters for faculty and NGOs to reside.

5) A Cafeteria (canteen), a Health Center for medical care of both students and staff,

6) A Bank and a Post Office on the campus,

7) Ramps to facilitate the physically challenged students in all the departments.

APSRTC ply buses through the campus daily in the morning and in the evening.

The university offers a total of 222 programmes through its 25 departments, which include 12 M.Phil, 39 PG, 3 PG diploma programmes and four 5 year integrated courses, 120 UG, 6 certificate courses, 2 diploma courses and 1 PG diploma and Ph.D. programme in 36 subjects. Among these 222 programmes 55 are offered by the School of Distance Learning and Continuing Education. During the period of assessment, the University has introduced 9 new courses in interdisciplinary and emerging areas. To enhance the employability skills of students, the curricula have been revamped from time to time and in the period of present assessment the syllabus is revised in 26 subjects. The present curricula for all the colleges enabled the teachers to continue the internal assessment system.

The academics of the university consists of 8 Faculties and 25 Departments. Faculty of Education is one among them and looks after both Education and Physical Education Departments. Out of 383 sanctioned teaching positions 300 are filled and 83 are vacant. The teaching is supported by 158 temporary/contract Assistant Professors.

About 3,23,000 students are on rolls in different types of colleges spread over the jurisdiction area of Kakatiya University. Of which 4,900 students are on the main campus, about 18,000 in constituent colleges and remaining in the affiliated colleges offering courses in Engineering, Education, Management, Computer Applications, Pharmacy, Post Graduate courses in Arts, Commerce, Sciences and Social Sciences, and UG courses.

At Kakatiya University the academic schedule was not disturbed in last two decades, in spite of the Telangana agitation for the last 14 years. This was possible because of the careful thinking and planning of the university administration in preparing the almanac and the number of instruction hours.

The student admission at Kakatiya University is based purely on the basis of merit and the university scrupulously implements the reservation rules of the State Government. The men to women ratio at PG level is 1:0.92 and at UG level 1:0.73. The notable point is the enrolment of the more number of students from marginalized groups (SC/ST, BC) and many of them belong to rural and are first graduates of the family. The courses are designed so as to enhance the abilities of the diversity of students admitted and their ability to cope with programmes.

The University has also initiated several steps to attract foreign students. The University Centre for Foreign Relations, Research and Consultancy (CFRAC) has successfully enhanced its activities in attracting foreign students. The center has so far handled 181 admissions and enquiries from 19 countries such as Afghanistan, Bangladesh, Brazil, South Korea, Canada, Cyprus, Ethiopia, Oman, Italy, Iran, Iraq, Libya, Palastine, Saudi Arabia, Sri Lanka, South Sudan, Tanzania, Uganda and the USA. At present there are 79 foreign students on the rolls. CFRAC supports the requirements of foreign students including their accommodation. The University entered into a Memorandum of Understanding (MoU) with 16 universities/institutes for the exchange programme of students and teachers. They include Groningen University, The Netherlands, Maximillians University, Munich, The Murdoch University, Brazil, The Central Michigan University, USA, etc. Kakatiya University is the second university from South India to enter into an MoU with the European Union under ERAMUS Project.

The faculty members adopt innovative teaching methods combined with ICT and digital technology in addition to the conventional black board teaching. All most all the departments are provided with related technologies.

To enhance the teaching quality, the University encourages teachers to attend orientation and refresher courses through Academic Staff Colleges at other universities in the country. The faculty is encouraged in organizing seminars and conferences and has introduced self-appraisal system. The faculty of affiliated colleges is also encouraged to attend the workshops and training programmes organized by the University to improve their teaching and research skills. In last five years, several seminars/conferences/workshops were conducted. Out of 63 Conferences and Seminars organized, 4 are international conferences. Forty four faculty members presented their research work in international conferences abroad.

The University is making concerted efforts to support quality research among its faculty and students. In this direction our proposal for DBT-BUILDER programme for the Departments of Life Sciences is under serious consideration by Government of India. We are waiting for the visit report and their recommendations. In addition the UGC and DST extended support to 12 departments under UGC-DRS-SAP, UGC-BSR, 7 departments under DST-FIST programmes respectively. A total of 123 ongoing individual research projects with a total grant received during the assessment period is Rs. 12.20 crores. The research output in terms of publications in the period of assessment is impressive. The number of publications in the period of assessment is 1771 and the notable change this time is the number of international publications at 1132 in the present assessment period compared to 485 in the previous assessment period. This indicates the enhancement in the quality of research output. The researchers of Kakatiya University are involved in collaborative research with 19 Universities/Institutions worldwide. Some of them are the University of Bonn, Germany, CENARGEN, Brazil, LMU, Munich, Verona University, Italy, etc. A number of senior faculty members are also invited to deliver talks in national and international conferences.

As part of the University vision of taking education to the doorstep of all, the School of Distance Learning and Continuing Education has been providing educational opportunities to all adult-students in general and the residents of Telangana districts in particular. The school has 193 Study Centres with about forty five thousand students. It offers 58 Programmes including Masters in Sciences. Of the 58 courses, B.Ed., M.Ed., MSW, M.Sc(Psychology), M.A(Journalism) are professional courses. Besides, it also offers some skill-oriented Diplomas and Certificate Courses.

A notable and remarkable feature is that flexibility is provided to the aspiring students in that they can join a course of their choice anytime during the year. A number of reforms have been initiated in the SDLCE to make it a premier distance education centre in the state with more focus on technology-based services and to make it more student-friendly.

The university has strictly adhered to the academic calendar despite occasional agitations. It has conducted examinations in accordance with the schedule with the co-operation of the teachers and students. The university has been successfully implementing the Internal Assessment system for the last few years with fruitful results. As a result of the measures undertaken, our examination system has become fool-proof. It has been made more accountable and transparent. Question bank system for practical examinations, and objective type tests with OMR sheets for the entrance examinations for admission to postgraduate courses are being followed.

In last five years fifteen of our faculty were awarded with the State Best Teacher Awards. Some of our faculty members also got international recognition for their meritorious services in the field of teaching and research.

The Kakatiya University has a Central Library on the campus and made a good progress in the last one decade. The library is partially automated. The administration of the library is more student friendly and works for 12 hours a day for six days of the week. On holidays also it functions from 10 am to 4 pm. The library is an open access facility to all the faculty and the students. There is a collection of about 1,40,000 books with about 85,000 titles in the library. The library subscribes

for 150 journals out of which 31 are foreign journals. The number of e-resources is 560. The students and researchers have access to 11,650 e-journals.

The University provides several student support programmes such as University Research Fellowship, Travel Support to present papers in Seminars/Conferences, free education schemes, campus interviews and job fairs coaching for UGC-NET/SLET and other competitive examinations for students. To improve their communication skills the Centre for English Language Training (CELT) is periodically organizing various programmes. Beside e-learning facilities, internet access, library resources, hostels, sports facilities NCC, NSS etc. enable the students to make best use of their time.

Some of the new practices include eco-friendly campus (energy conservation, rain water harvesting , plantation), grievance redressal system (Women Sexual Harassment Redressal, Anti-Ragging Committee, VC Email), group insurance for the staff of the University, concessions to the employees in education, provision for soft skills courses, facilities for the differently abled, increase in intake in many PG programmes to benefit women and minorities, placement cell and IQAC. The noteworthy point is that no incident of ragging has been reported on University Campus so far in this assessment period. The physical and IT infrastructure has been increased considerably. The campus is going to be Wi-fi enabled shortly. To improve the facilities to the Departments, number of constructions were undertaken at a cost of Rs. 26.59 crores and several constructions are in progress with an estimated cost of Rs. 19.97 crores. After careful persuasion for very long the University College of Engineering at Kothagudem was admitted into TEQUIP programme of AICTE last year..

Students belonging to the Departments of Pharmacy, Library Science, Microbiology, Biotechnology, Chemistry, Tourism and English have been regularly getting job offers from prestigious firms and institutions once they complete their PG degrees or research degrees. A number of students and scholars have been selected as Lecturers in Government Degree Colleges in different subjects on the basis of the examination and interviews conducted by the APPSC. Number of our students also got appointments as Assistant Professors in other universities in the state. Our students are performing well in other competitive examinations too. Another noteworthy development in recent times is that a substantial number of our students in different disciplines are getting qualified in the NET.

Kakatiya University has successfully organized the South Zone Inter-University Youth Hand ball Tournament for men and women for the year 2011-12. Our boys have won the Gold medal in the tournament. Kakatiya University hosted national sports events during 2013-14. It successfully organized Central Zone Inter-University Handball for Men and Women during November 15-18, 2013, Kabaddi for Men during November 25-28, 2013, cricket for Men during December 27, 2013 to January 3, 2014. In order to promote young talent and sports culture among the youth, cash incentives have been given to the winners from KU at these national sports events.

The NSS of Kakatiya University has been rendering commendable service in bringing awareness among the rural people on literacy, afforestation, AIDS, superstitions, ragging, child labour. Besides, it has conducted a number of special camps in the region. In the last few years, a number of blood donation camps, skill development training programmes and youth festivals have been organized. Some of the volunteers took part in Republic Day Parade and other national level events. One Programme Officer and one of our volunteers received the prestigious Indira Gandhi National Award from the President of India on November 19, 2013.

Keeping in view the social obligation of recognizing the distinguished personalities in different walks of life and highlight their contribution to the society, nine Endowment Lectures were conducted in memory of Late Sri P.V. Narasimha Rao, Sri Pamulaparthi Sadasiva Rao, Sri Pingle

Venkatram Reddy, Prof. P.A.James, Prof. B. Janardhan Rao, Dr. K. Balagopal, Dr. K. Jayashankar and Sri. M. S. Acharya.

In last five years, the university added number of infrastructural facilities with an outlay of Rs. 37.33 crores. The facilities added are 42 in number including an Auditorium with ultra modern facilities and some of them are .

- 1) A new block in the Commerce and Business Management Department.
- 2) Addition of Ist floor to Mathematics Department.
- 3) Addition of Academic Block to SDLCE.
- 4) New accommodation to Building Division.
- 5) Workshops to the KU College of Engineering and Technology.
- 6) Sports Hostel to the Sports Board.
- 7) A Women's hostel on the campus.
- 8) Construction of Ground floor of Academic Building for University College of Engineering and Technology.
- 9) Extension of University Guest House.
- 10) Hostel building for KU College of Engineering and Technology.
- 11) Additional class rooms on ground floor and 1st floor in the Department of Commerce and Business Management.
- 12) First Floor over Bio-Technology building for Bio-Informatics Centre.
- 13) Ladies waiting hall at University Arts & Science College.
- 14) Additional accommodation to Chemistry building.
- 15) Middle block over Biological Sciences building.
- 16) Waiting hall for women students at KU.
- 17) Building for University College of Physical Education.
- 18) Women's Hostel Building at University Arts & Science College, Warangal.

The University also established two Engineering colleges (one exclusively for women), four PG Colleges (one exclusively for women) to reach the remote and rural communities.

Among all Universities in the State, Kakatiya University has the largest catchment area with large number of affiliated colleges.

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

#### **Infrastructural facilities Available in the University**

1. Administrative Building
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. Central Instrumentation Centre
3. UGC Unit
4. College Development Council
5. Directorate of Admissions
6. 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 Redressal 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

## **Centres / Schemes**

### **With UGC Financial Assistance**

1. Centre for Women's Studies
2. Coaching Centre for SC/ST and Minority students for NET
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

The Kakatiya University is successfully marching ahead in the competitive era and emerging as one of the strong pillars in the Higher Education.

## **PROFILE OF THE UNIVERSITY**



## I. PROFILE OF THE UNIVERSITY

### 1. Name and address of the university

Name :	Kakatiya University	
Address:	VIDYARANYA PURI, WARANGAL	
City	Pin:506 009	Telangana State
Website:	<a href="http://www.kakatiya.ac.in">www.kakatiya.ac.in</a>	

### 2. For communication:

Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor (Incharge)	Prof.K. Veera Reddy	O:870-2439966 R:	9849058502	08702439600	<a href="mailto:vc@kakatiya.ac.in">vc@kakatiya.ac.in</a>
Registrar (Incharge)	Prof. Ranga Rao	O:08702438866 R:08702457789	9849171737	08702438800	<a href="mailto:registrar@kakatiya.ac.in">registrar@kakatiya.ac.in</a>
Steering Committee / IQAC Co-ordinator	Prof. Khaja Althaf Hussain.	O: 8702439181 R:	9848369406	08702438800	iqacku@gmail.com

### 3. Status of the University:

State University  
 State Private University  
 Central University  
 University under Section 3 of UGC (Deemed University )  
 Institution of National Importance  
**Any other (please specify)**

✓

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### 4. Type of University :

Unitary  
 Affiliating

✓

### 5. Source of funding

Central Government  
 State Government  
 Self-financing

✓

**Any other (please specify)**

The other funding agencies are UGC, AICTE, CSIR, DST, DBT, ICHR, PCI, ICSR etc. since institution fund the University. For various purpose like to improve infrastructural

facilities, to equip the laboratories, to improve the research facilities, sanction as the research projects. Provide fellowships to students etc.

6. a). Date of establishment of the University : 19.8.1976 (dd/mm/yyyy)

b). prior to the establishment of the university, was it a/an

- i) PG Centre Yes ☒ No ☐
- ii) Affiliated College Yes ☐ No ☐
- iii) Constituent College yes ☐ No ☐
- iv) Autonomous College Yes No ☐ ☐
- v) Any other (please specify) .....  
If yes , give the date of establishment 19.08.1967 (dd/mm/yyyy)

7. Date of recognition as a university by UGC or any other national agency:

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

\*Enclose certificate of recognition.

Enclose notification of MHRD and UGC for all courses/programmes/campus/campuses.

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)

**9. Does the university have off-campus centres?**

Yes

☒

No

☐

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

date of recognition : .....(dd/mm/yyyy)

**10. Does the university have off-shore campuses?**

Yes

☐

No

☒

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

date of recognition : .....(dd/mm/yyyy)

**11. Location of the Campus area :**

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

(\* Urban, Semi- Urban, Rural, Tribal, Hilly Area, Any other (please specify)\*)

If the university has more than one campus, it may submit a consolidated self-study report reflecting the activities of all the campuses.

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

• **Auditorium/Seminar Hall**

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

- **Sports facilities**

Play ground available - Total Play Area 100 Acres

**Courts available:**

- 1) One Indoor Stadium with 3 Badminton courts and 2 Table Tennis courts
- 2) One Gymnasium Hall
- 3) 400 Mtrs. Standard Track
- 4) 600 Mtrs. Walking Track
- 5) Two Kho-Kho courts
- 6) Two Kabaddi courts
- 7) Three Handball courts
- 8) Six Cricket Pitches
- 9) Three Volley Ball courts
- 10) One Basket Ball court
- 11) One Ball Badminton courts
- 12) One Hockey play field
- 13) One Football play field.

Swimming pool - Not available  
 Gymnasium - One Gymnasium Hall  
 Any other (Specify). - Sports Hostel with 100 beds.

- **Hostel**

Boys Hostels

Number of Hostels - 12 (09 on Campus; 03 outside campus)

- i) Number of inmates - 1893
- ii) Facilities : Basic amenities needed like kitchen, dining Hall, food provided viz; Water, reading room, TV, dailes, internet and Computer access

Girls Hostels

- iii) Number of Hostels - 05
- iv) Number of inmates - 1500
- v) Facilities : Basic amenities needed like kitchen, dining Hall, food Provided viz; Water, reading room, TV, dailes, internet and Computer access are available

Working women Hostel : yes

Number of Hostels - one

Number of inmates - 400

Basic amenities needed like kitchen, dining Hall, food provided viz; Water, reading room, TV, dailes, internet and Computer access.

- **Residential facility for faculty and nonteaching**

There are about 30 staff quarters for both teaching and nonteaching staff.

- Cafeteria: Available
- Health Centre- Nature of facilities available- inpatient, outpatient, ambulance,

Emergency Medicare facility etc.;

The University Health centre is functioning in the premises of the campus.

The staff and students of the University visit the centre for various ailments like, Diabetes, Hypertension, Heart disease, fever and any medical emergency. The health centre also provides medication to the employees and is managed by a senior Medical officer. The health centre is supported by technicians who dispenses medicines and has knowledge to take E.C.G. and determines blood glucose. The health centre also has part-time senior doctors specialized in the areas of skin, surgery, physician and gynocology. The centre also has a bed for temporary monitoring of BP/chest pain and other emergencies before shifting to other hospitals for emergency services. An Ambulance is also available

- Facilities like Banking, Post office Book Shops.

Bank, Post office, SBH ATM are located on the campus. Xerox facility is available in the University Library. Book shops, DTP, book binding facilities are available just opposite the university gate at a managed by private parties.

- Transport facility :

APSRTC runs its special services in the morning and evening through campus for the benefir of the staff and students.

- Facilities for persons with disabilities-

Ramps are available for differently abled, special attention of faculty, fee concessions, reservation in admissions, etc.

- Animal House – Available
- Incinerator for laboratories- No
- Power House - Solar window in Administration Building, Examination Branch and SDLCE.

13. Number of institutions affiliated to the university.

Type of Colleges	Total*	Permanent Affiliated	Temporary
Arts, Science & Commerce	342	048	296
Law Medicine	03		03
Engineering	09	01	09
Education	53	03	50
Management	38		38
Others : i) MCA	13		13
ii) Pharmacy	31		31
	490		

- The exact number of unitary colleges is 409. About 30% of these colleges offer wide variety of courses like UG/PG/MBA/MCA etc. For the sake of administrative convenience of the university, the lists are prepared course-wise like UG Colleges, PG Colleges, MBA Colleges, MCA Colleges, Colleges of Education, Engineering Colleges etc. Therefore the same college find its position more than once in different type of colleges. Hence the number of colleges is 490.

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

✓ Yes

No

Number

1

**15. Furnish the following information:**

<i>Particular</i>	<i>Number</i>	<i>No. of Students</i>
a. University Departments	25	4,900
b. Constituent colleges	18	18,000
c. Affiliated Colleges – Govt. funded	47	60,000
d. UGC recognized CPE (Colleges with Potential for Excellence)	01	3,800
e. Autonomus Colleges	01	2,900
f. Post- Graduate Teaching Centres in colleges	130	10,000
g. Recognised Research Institutes/ Centres and students in M. Phil./ Ph. D.	18	800
h. Self- financing Colleges	423	2,23,000
Total	656	3,23,400

16. **Current number of academic programmes /courses offered within the University-** 222

17. **under the following categories:** (List of academic programmes offered is enclosed)

<i>Programmes</i>	<i>Number</i>
UG	120
PG	39
Certificate course	06
Diploma	02
PG Diploma	03
M. Phil.	12
Ph.D.	36
Any other (specify) 5yr. Integrated Course	04
Total	222

18. **Number of working days during the last academic year 2013-2014**

220
-----

19. **Number of teaching days during the past four academic years (2009-2010 to 2012-2013)**

185	183	185	184
-----	-----	-----	-----

20. **Does the University have a department of Teacher Education?**

Yes

✓
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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

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No

✓
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21. **Does the University have a teaching department of physical Education?**

Yes

✓
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No

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If yes

- a) Year of establishment ---2011-2012  
b) NCTE recognition details  
(if applicable) : Not applicable

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

Yes

☐

No

☒

**23. Has the university been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon. No**

**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	53	94	236		
<i>Recruited</i>	53	94	153	401	73
<i>Yet to recruit</i>	0	0	83		
Number of persons working on contract basis	-	-	158	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.	99	12	09	01	49	32	202
M.Phil.	-	-	-	-	01	02	03
PG	-	-	01	01	18	10	30

Temporary teachers/Contractual Teachers

P.h.D.	-	-	-	-	67	14	81
M.Phil.					-	-	-
PG					38	36	74

Part-time teachers

P.h.D.	-	-	-	-	24	11	35
M.Phil.					-	-	-
PG					59	33	92

**26. Emeritus, Adjunct and Visiting Professors.**

	Emeritus	Adjunct	Visiting
Number	01	02	156

**27. Chairs instituted by the university:**

	Chairs
School/Department	-

**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
	Professional	Non-professional	Professional	Non-/professional	
Students from the same State where the university is located	23346	2,60,000	9275	30,700	3,23,321
Students from other States of India			06		
NRI students			18		
Foreign students	24	10	14	07	
Grand Total					

Number of Students	M. Phil.	Ph .D	Diploma/ Certificate
From the same state where the University is located	96	1175	367
From other states	-		
NRI students	-		
Overseas students		32	

**29. 'Unit cost' of education?**

a. Unit cost= total annual expenditure budget

Rs. 1,45,299/-

(actuals) divided by the number of students enrolled.

b. Unit cost calculated excluding the salary component

Rs. 1,11,111/-

**30. Academic staff college**

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

**Yes**

If yes indicate the number of courses offered : 58

Number of full-time faculty employed in the DEP : 16

**32. Does the university have a provision for external registration of students?**

Yes ☐ No ☒

**33. Is the university applying for Accreditation or Re- Assessment? If Accreditation, name the cycle.**

Accreditation: ☐ Cycle 1 ☐ Cycle 2 ☒ Cycle 3 ☐ Cycle 4

Re-Assessment:

☐

**34. Date of accreditation \* (applicable for Cycle2, Cycle 3, Cycle 4 and re-assessment only)**

Cycle 1:.....-2003.....(dd/mm/yyyy), Accreditation outcome/Result...B+.....

Cycle2:...15-06-2009.....(dd/mm/yyyy), Accreditation outcome/Result 'A' Grade.....

Cycle 3:.....(dd/mm/yyyy), Accreditation outcome/Result.....

Cycle 4:.....(dd/mm/yyyy), Accreditation outcome/ Result.....

\*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 an its website?. Provide details of the number of accredited affiliated/ constituent/ autonomous college under the University ; Yes**

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

	08
--	----

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

1. University Arts & Science College, Subedari, Warangal-506001.
2. Chaitanya Degree College (Autonomous), Kishanpura, Hanamkonda, Warangal-506001.
3. Chaitanya P.G. College (Autonomous), Kishanpura, Hanamkonda, Warangal-506 001.
4. Kakatiya Government College, Hanamkonda.
5. Lal Bahadur College, Warangal.
6. Pingle Government College (UG & PG) for Women, Hanamkonda.
7. A.B.V. Government Degree College, Jangaon, Warangal District.
8. SR & BGNR Government Arts & Science College, Khammam.
9. Government Degree College for Women, Khammam.
10. SR Government Arts & Science College, Kothagudem, Khammam.
11. Government Degree College, Nirmal Town, Adilabad District.

**36. Date of establishment of Internal Quality Assurance cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).**

IQAC- Year 2004-

- AQAR
- i) 2008-2009 submitted
  - ii) 2009-2010 submitted
  - iii) 2010-2011 submitted
  - iv) 2011-2012 submitted
  - v) 2012-2013 submitted
  - vi) 2013-2014 to be submitted

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

The academic performance and achievements of the University during the current accreditation period (2009-2014) are given in detail in the self study report (SSR)

There are number of programmes offered by university both in regular stream and distance mode. Therefore the programmes offered are 222 only.



**CRITERION – I**  
**CURRICULAR ASPECTS**



## CRITERION I

### CURRICULAR ASPECTS

#### Introduction

The Kakatiya University is one of the three second generation Universities established in the year 1976 by the State Government as per the Andhra Pradesh Universities Act and UGC recognized under sections 2f and 12 (B) of UGC Act in 1978. Kakatiya University is an affiliating University with 409 affiliated colleges. As an institution of higher learning in the backward region of Telangana State, the University has to take cognizance of major changes in the National Higher Education policy, global developments, scientific and technological advancements and skills demanded by the industry and society at large. The curriculum design, development, implementation and enrichment processes ensure the global needs and are met while taking care of the local, regional and national manpower requirements. The University strives to balance this spectrum of needs by constantly revamping the syllabi and redesigning the course structures. Excellence, Inclusion and Expansion are the core elements that reflect the University's Mission and Vision. Through constant innovations, consistent quality enhancement and persistent value addition, the University strives to fulfil the mission and vision. Over the years, the University has created a system which ensures democratic decision making and flexibility to introduce innovations and changes to meet the current needs as well as to achieve the overall goals of the University. The University not only offers conventional face to face education but also distance mode of education through the School of Distance Learning and Continuing Education (SDLCE) which strives to light the beacon of education to the learners who are not covered by the face to face mode of education.

#### 1.1 Curriculum Design and Development

The curriculum design and development is the responsibility of the Board of Studies for the University departments, the affiliated non-autonomous colleges and SDLCE. The Academics of the University are controlled and governed by Eight Faculties and 25 departments.

**Table 1.1. Faculties and Departments in Kakatiya University**

<b>Faculties</b>	Arts, Commerce, Education, Engineering, Law, Pharmacy, Science and Social Sciences
<b>Departments</b>	Bio-Chemistry, Bio-technology, Botany, Chemistry, Commerce & Business Management, Computer Science, Economics, Education, English, Geology, History & Master of Tourism Management, Law, Library & Information Science, Mathematics, Micro-biology, Mining Engineering, Pharmacy, Physics, Political Science, Psychology, Public Administration & Human Resource Management, Sociology, Statistics, Telugu and Zoology.

A separate Board of Studies is attached to each department. The constitution and functions of the Board of Studies are prescribed by the Statutes of the University. The composition of Board of Studies is: Chairperson, Head of the Department, two senior faculty members and one external subject expert and one member from industry. The Chairperson, Board of Studies is nominated from among the members of the faculty of the departments on rotation for a period of two years. The Board of Studies meets for every six months to review and modify the syllabus to meet the requirements of the Model Curriculum of UGC and AICTE accordingly. While modifying the

syllabus the local needs are also kept in mind. In the present period of assessment the number of departments increased to 32 from 22, Number of constituent colleges increased to 18 from 12, Number of programmes offered increased to 222 from 188, Number of students on the campus increased to 4,900 from 3,200, syllabus is prepared afresh in 12 subjects and syllabus is revised in 26 subjects. This exercise not only enhanced the motivation for learning in the University Community but also contributed to the increase in the educational standards of the region on the whole. Specifically the students belonging to the backward communities and marginalized communities are benefited.

#### **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 leading centres of higher education in the country through generation and dissemination of knowledge in the society and inculcating competitive spirit and human values among the students; promoting harmony and peace in the society; and contributing in a distinct way for the service of the weaker sections in an economically, socially and educationally backward region of the state.

The mission of the university is to march towards academic excellence in teaching, research and extension activities by promoting access, equity and quality of education - Excellence, Inclusion and Expansion.

The University is striving constantly to achieve above goals through monitoring standards in teaching, research and extension activities by involving all the stakeholders. Because of the measures taken in these directions the performance of University became stronger in teaching, research and extension activities. To achieve this, University involved all the stakeholders like students, teachers, non-teaching staff, administration, industry, government and society. The specific activities were:

- The admission to the regular mode of learning is only through the Entrance Test. This is the first step forward to inculcate the competitive spirit among students.
- Constantly encouraged the teacher and the taught to maintain the academic discipline in the enhancement of quality. This is evident from the strict maintenance of almanac, conduct of examination and early publication of results. This helped the students to seek for admission into institutes of higher learning; for others to search for jobs, and for rest to appear for competitive examinations on time. This exercise also helped the university to deliver the quality education.

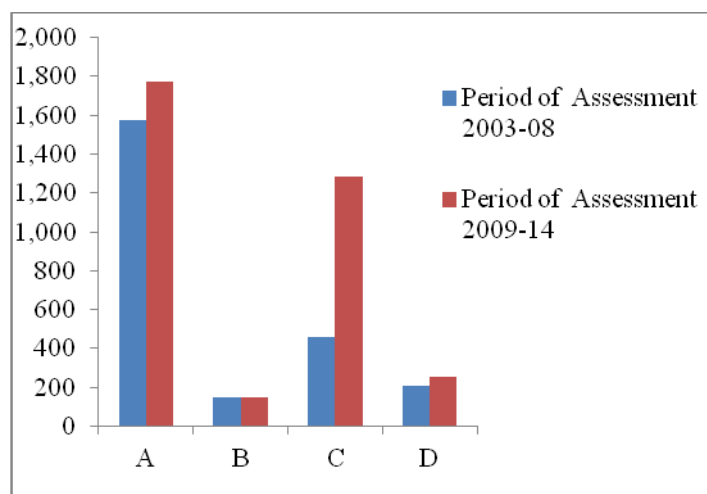
Table: 1.2. Data on the academics of the University

Sl. No.	Activity	Period of Assessment	
		2003-2008	2009-2014
1	Number of Faculties	08	08
2	Number of Departments	22	25
3	Number of New courses introduced	24	10
3	Number of Programmes offered	188	222
3	Number of Colleges	327	409
4	Number of Constituent Colleges	12	18
5	Number of subjects in which syllabus is revised	20	26
5	Number of Students	2,10,000	3,23,000
6	Number of students on the campus	3200	4900
7	Number of NSS activities	105	120
8	Number of Sports activities	11	14
9	Number of activities organized by the Centre for women studies	-----	25
10	Number of activities organized by the CELT	6	13
11	Number of Foreign students	42	87
12	Number of placements	43	508

- Kakatiya University not only conducts face to face learning but also the learning through distance mode from its window called School of Distance Learning and Continuing Education to reach the unreached at remote corners of the rural society. It also extends the facility of conversion 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 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. Most of the research scholars belong to the first generation in their family. The research output in the period of assessment has considerably increased in terms of research publications, books, number of academic foreign visits by the faculty and research projects.

Table: 1.3 Research output of the University

Sl. No.	Activity	Period of Assessment	
		2003-08	2009-14
1	Research Publications	1,575	1,771
2	Chapters in Books	146	152
3	Books authored	6	20
4	Academic Foreign visits	6	22
5	Research Projects	66	123
6	UGC- SAP Departments	6	12
7	DST-FIST Departments	2	7
8	Number of Ph.Ds. awarded	462	1,282
9	Number of M.Phil. awarded	206	252
10	Number of Conferences/Seminars/ Workshops Organized	23	96
11	Number of International Conferences/Seminars/ Workshops participated by the faculty abroad	06	45



A: Research Publications

B: Chapters in Books

C: Number of Ph.Ds awarded

D: Number of M.Phils. 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 in terms of enhancement of the exposure to the academic weather, English skills, Soft skills, Physical and mental rejuvenation and Social concern of the students.
- Maximum facilities are arranged to the physically challenged students like ramps etc.
- Girls students are on equal footing in almost all the courses.
- To make the University community on par with the global development, University is taking all care to make the campus ICT enabled.
- The above description of the University's activities clearly demonstrate the commitment of University 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.).**

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. 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 finally refined is communicated to the colleges for implementation. In addition the opinion/feedback is collected/recorded from the experts/examiners visiting the department on various accounts which is useful for further refinements. The feedback is also collected from the students and consolidated. The curriculum is revised for every three years by considering the above said feedback.

In case of the subjects with demand in employment market like Industry, Administrative, Management etc., the copy of curriculum is sent to the stakeholders for their feedback.

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

The University modifies the existing courses, introduces new courses in tune with the changing labour market, industry and 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 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, use of laboratories and libraries for better exposure and experience are mandatory. Innovation is encouraged by the University through curriculum up gradation and introduction of new courses that interdisciplinary and 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 immediately 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 adopt 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.

**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?**

The nomination of representatives one each from industry and civil society into the Board of Studies is included in the component of the application of the scientific and technological developments into the syllabus. Mainly in the commerce and management and other social science subjects the presence of a suitable representative takes care of the interaction of society for the 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 with relevance.

**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 concerned department as convener and Dean as the Chairman to look into the feasibility and viability of the proposed programme. After a thorough deliberations the university will accord the required approvals for the starting of the new programmes in the affiliated colleges. The new programmes started during the period of accreditation (2009-14) are:

- B.Tech (EEE),
- Ph.D. programme in Biotechnology,
- Nanoscience as third specialization in second year of M.Sc.(Physics),
- M.A.(Journalism),

- Master in Communication and Journalism (MCJ),
- M.A.(Gender studies),
- Master in Social Work,
- B.Sc.(Voc) courses in IT, Travel and Tourism,
- B..P.Ed.and
- M.Tech in Digital Communication.

**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).:**

The university provides full autonomy in designing new courses, especially skill oriented programmes. The following 13 job oriented and skill employable courses have been introduced under distance mode in School of Distance Learning and Continuing Education (SDLCE) with a motif to provide access to the weaker sections.

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

**1.2. Academic Flexibility**

**1.2.1. Furnish the inventory for the following**

- Programmes taught on campus

**Table 1.4. Programmes taught on campus**

Sl. No.	Name of the Programme	Duration of the course	Year-wise / semester
1.	M.A. English	2 Years	Semester
2.	M.A. History	2 Years	Semester
3.	M.A. Political Science	2 Years	Semester
4.	M.A. Public Administration	2 Years	Semester
5.	M. A. Telugu	2 Years	Semester
6.	M.B.A.	2 Years	Semester
7.	M.C.A.	3 Years	Semester
8.	M.Com.	2 Years	Semester
9.	M.H.R.M.	2 Years	Semester
10.	M.Li.Sc.	2 Years	Semester
11.	M.Phil.	1 Year	Semester
12.	M.Sc. Applied Mathematics	2 Years	Semester
13.	M.Sc. Bio-Chemistry	2 Years	Semester
14.	M.Sc. Bio-Technology	2 Years	Semester
15.	M.Sc. Botany	2 Years	Semester
16.	M.Sc. Chemistry	2 Years	Semester
17.	M.Sc. Computer Science	2 Years	Semester
18.	M.Sc. Geology	2 Years	Semester
19.	M.Sc. Mathematics	2 Years	Semester

20.	M.Sc. Micro-Biology	2 Years	Semester
21.	M.Sc. Physics	2 Years	Semester
22.	M.Sc. Zoology	2 Years	Semester
23.	M.Sc. Psychology	2 years	Semester
24.	Master of Tourism Management (MTM)	2 Years	Semester
25.	P.G. Diploma in Sericulture	1 Years	Semester
26.	M.A. Economics	2 Years	Semester
27.	Mass Communication and Journalism (M.C.J.)	2 Years	Semester
28.	M.Sc. Statistics	2 Years	Semester
29.	M.A. Gender Studies	2 Years	Semester
30.	B. P. Ed.	1 year	Year-wise
31.	M. P. Ed.	2 years	Semester
32.	Ph.D. in all courses		

- Overseas programmes offered on campus: NIL
- Programmes available for colleges to choose from 222

The College Development Council at 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 or reject or recommend the Board of Studies for reconsideration. All the approved courses are available for colleges to offer. However, 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 last date. The University initiates the process of inspection. 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 either approve or reject or recommend to rectify shortcomings and report to the University for approval.

**Table 1.5. List of programmes/courses offered by the University for colleges**

Sl. No.	Name of the course	Cut-off Percentage of Marks For Admission
	UG COURSES	35 Per cent
	B.A. (52 Combinations)	
1.	Economics, Commerce, Adv & Sales Management	
2.	Economics, Commerce, Computer Applications	
3.	Economics, commerce, Office	

	Management	
4.	Economics, Commerce, Rural Industry	
5.	Economics, History, Adv & Sales Management	
6.	Economics, History , Computer Applications	
7.	Economics, History, Office Management	
8.	Economic, Political science, Modern language(English)	
9.	Economics, Political Science, Modern language (Hindi )	
10.	Economics, Political Science, Modern language (Telugu)	
11.	Economics, Political Science, Modern language (Urdu )	
12.	Economics, Political Science, Computer Application	
13.	Economics, Political Science, H.R. Management	
14.	Economics, Political Science, office Management	
15.	Economics, Political Science, Public Administration	
16.	Economics, Public Administration, Communicative English	
17.	Economics, Public Administration, Computer Applications	
18.	Economics, Public Administration, Office Management	
19.	Economics, History, Political Science	
20.	History, Political Science, Modern language(English )	
21.	History, Political Science, Modern language(Hindi )	
22.	History, Political Science, Modern language(Telugu )	
23.	History, Political Science, Public Administration	
24.	History, Public Administration, Tourism & Travel Management	
25.	History, Sociology, Political Science	
26.	History, Sociology, Public Administration	
27.	Sociology, Economics, Modern Language(English )	
28.	Sociology, Economics, Modern Language(Telugu )	
29.	Sociology , Economics , Political Science,	
30.	Sociology , Economics , Public Administration	
31.	History, Sociology, Modern language(English)	
32.	History, Sociology, Modern	

	language(Telugu)	
33.	Economics, Public Administration, Human Resource Management	
34.	Economics, Public Administration, Journalism & Mass Communication	
35.	Economics, Public Administration, Rural Industry	
36.	Economic, Public Administration, Modern language (English)	
37.	Economic, Public Administration, Modern language (Telugu)	
38.	History, Tourism& Travel Management Modern language (English)	
39.	History, Tourism& Travel Management Modern language (Telugu)	
40.	Journalism& Mass communication, Public Administration, Sociology	
41.	Journalism &Mass communication, Political Science, Economics	
42.	Journalism & Mass Communication, Political Science, Public Administration	
43.	Journalism & Mass Communication, Political Science, Sociology	
44.	History, Political Science , Computer Applications	
45.	Economics, History, Public Administration	
46.	Economics, History, Tourism &Travel Mgt.	
47.	Economics Journalism & Mass communications, Sociology	
48.	Economics, Public Administration, Adv & Sales management	
49.	Economics, History Modern language (English)	
50.	Economics, History, Modern language (Telugu)	
51.	Economics, History, Modern language (Hindi)	
52.	Economics, History, Modern language (Urdu)	
53.	B.B.M.	
54.	B.C.A.	
	B.Com ( 6 Combinations)	
55.	General	
56.	Computer Applications	
57.	Corporate Accountancy	
58.	Taxation	
59.	Tax procedures and practices	

60.	Advertising and sales promotion & sales Management	
	<b>Bachelor of Science: B.Sc. (Biological Science)</b> (31 Combinations)	
61.	Biochemistry , Botany, Chemistry	
62.	Biochemistry, computer Applications, Chemistry	
63.	Biochemistry, Zoology, Chemistry	
64.	Biotechnology, Biochemistry, chemistry	
65.	Biotechnology, Computer Applications, Chemistry	
66.	Biotechnology, Microbiology, Chemistry	
67.	Biotechnology, zoology, Chemistry	
68.	Biotechnology, Zoology, Computer Applications	
69.	Botany, Biotechnology, Chemistry	
70.	Botany, Chemistry, Computer Applications	
71.	Botany, Chemistry, Computer Science.	
72.	Botany, Chemistry, Food Science & Quality Control	
73.	Botany, Chemistry, Industrial Microbiology	
74.	Botany, Genetics, Chemistry,	
75.	Botany, Geology, Chemistry	
76.	Botany, Microbiology, Computer Applications	
77.	Botany, Zoology, Biochemistry	
78.	Botany, Zoology, Chemistry	
79.	Botany, Zoology, Computer Applications	
80.	Botany Zoology, Computer Science	
81.	Botany ,Zoology, Industrial Microbiology	
82.	Botany, Zoology, Microbiology	
83.	Microbiology, Botany, Chemistry	
84.	Microbiology, Chemistry, computer Applications	
85.	Microbiology, Geology, Computer Science	
86.	Microbiology, Zoology, Chemistry	
87.	Zoology, Chemistry, Computer Applications	
88.	Zoology, Chemistry, Computer Science	
89.	Zoology, Chemistry, Fishery Biology	
90.	Zoology, Chemistry, Medical Lab Technology	
91.	Zoology, Chemistry, Poultry Science	

	<b>Bachelor of Science: B.S.C.( Mathematics) (11 Combinations)</b>	
92.	Mathematics, Computer science, Chemistry	
93.	Mathematics, Electronics, Computer science	
94.	Mathematics, Geology, Computer science	
95.	Mathematics, Industrial Chemistry, Chemistry	
96.	Mathematics, Physics, Chemistry	
97.	Mathematics, Physics, Computer science	
98.	Mathematics, Physics, Electronics	
99.	Mathematics, Physics, Geology	
100.	Mathematics, Physics, Instrumentation	
101.	Mathematics, Statistics, Computer science	
102.	Mathematics, Physics, Statistics	
	<b>Bachelor of Science(Vocational): B.S.C.(Vocational) (5 Combinations)</b>	
103.	Mathematics, Electronics, Computer Applications	
104.	Mathematics, Computer Applications , Chemistry	
105.	Mathematics, Physics, Computer Applications	
106.	Mathematics, Statistics, Computer Applications	
107.	Bachelor of Physical Education	
	<b>PG DIPLOMAS</b>	
108.	PG Diploma in Sericulture	
	<b>CERTIFICATE COURSES</b>	
109.	Certificate Course In Library Science	Entrance Test Marks
110.	<b>PG COURSES</b>	
111.	M.A. English	Pass 35% for SC,ST and 40% in the subject concerned under part II or 50% in subject concerned under Part I only for languages +Merit in /Entrance Marks
112.	M.P.Ed	
113.	M.A. (Gender Studies)	
114.	M.A.Journalism	
115.	M.A. Telugu	
116.	M.A. Hindi	
117.	M.A. Economics	
118.	M.A. History	
119.	M.A. Political Science	
120.	Master of Social Work	
121.	MCJ	
122.	M.A. Sociology	
123.	M.A. Tourism and Management	

124.	M.A. Public Administration	
125.	Master of Human Resource Management	
126.	M.LISC.	
127.	M.Ed.	
128.	LLM	
129.	M.A. Sanskrit	
	<b>SUBJECT OFFERED IN COMMERCE/MBA</b>	
130.	M.Com.	B.Com. Pass 35% and Merit in KUCET
131.	M.Com.(Financial Management)	-do-
132.	M.Com. (Banking & Insurance)	
133.	MBA	Any Degree pass and Merit in ICET Rank
134.	MBA(Twinning programme with Central Michigan University)	-do-
	<b>SUBJECT OFFERED IN M.Sc.</b> 40% in Subject and KUCET Marks	
135.	Biochemistry	40% in Subject and KUCET Marks
136.	Biotechnology	
137.	Botany	
138.	Chemistry	
139.	Geology	
140.	Applied Mathematics	
141.	Microbiology	
142.	Physics	
143.	Zoology	
144.	Mathematics	
145.	Statistics	
146.	Psychology	
147.	Nanotechnology	
148.	Library Science and Informatics	
149.	MCA	
150.	Computer Science	
	<b>FIVE INTEGRATED COURSES KUCET</b>	
151.	M.Sc. Chemistry	
152.	M.Sc. Biochemistry	
153.	LL.B.	
154.	Pharm. D	Merit in AP PG CET
	<b>SUBJECT OFFERED IN ENGINEERING &amp; TECHNOLOGY-UG</b>	
155.	Civil Engineering	Pass at 10+2 35% and Merit in EAMCET Rank
156.	Computer Science and Engineering	-do-
157.	Electronic and communications Engineering	-do-
158.	Mechanical Engineering	-do-
159.	Electrical and Electronic Engineering	-do-
	<b>SUBJECT OFFERED IN ENGINEERING &amp; TECHNOLOGY-PG</b>	

160.	Computer Science and Engineering	Pass in Qualifying Exam with and Merit in PGECET Rank Pass in Qualifying Exam with and Merit in PGECET Rank
161.	Digital communication	
162.	Digital Engineering	
163.	VLSC Design	
	<b>SUBJECTS OFFERED IN M.Phil.</b>	PG Degree with 55% Marks and Entrance (KU) Merit
164.	Telugu	
165.	Economic	
166.	History	
167.	Political Science	
168.	Public Administration	
169.	Human Resource Management	
170.	Sociology	
171.	Commerce	
172.	Mathematics	
173.	Sanskrit	
174.	Education	
175.	English	
176.	Tourism Management	
	<b>SUBJECTS OFFERED IN Ph.D.</b>	PG Degree with 55% Marks and Entrance (KU) Merit
177.	Telugu	
178.	English	
179.	Law	
180.	Hindi	
181.	History	
182.	Economics	
183.	Political Science	
184.	Commerce	
185.	Human Resource Management	
186.	Public Administration	
187.	Tourism Management	
188.	Sociology	
189.	Engineering	
190.	Business Management	-do-
191.	Education	-do-
192.	Law	-do-
193.	Biotechnology	
194.	Botany	-do-
195.	Chemistry	-do-
196.	Biochemistry	-do-
197.	Geology	-do-
198.	Mathematics	-do-
199.	Physics	-do-
200.	Pharmacy	-do-
201.	Microbiology	-do-

202.	Statistics	-do-
203.	Zoology	-do-
204.	Sanskrit	-do-
205.	Civil Engineering	-do-
206.	Electrical Engineering	-do-
207.	ECE	-do-
208.	Computer Science Engineering	-do-
209.	Mechanical Engineering	-do-

• **Programmes taught through distance mode**

Sl. No.	Name of the course	Duration	Cut-off Percentage of Marks For Admission
<b>Certificate programmes</b>			
210.	Certificate Course in Communication Skills in English	6 months	Intermediate (10+2) or its equivalent qualification recognized by KU
211	C.L.I.Sc.	6 months	-do-
212	B.A. (General)	3 Years (E.T.)	18 Years of age and must have passed the eligibility test of KU
213.	B.Com. (General)	-do-	-do-
214.	B.Com. (Computer)	-do-	-do-
215.	B.B.M.	-do-	-do-
216.	B.Sc. Maths, Statics, CompSci.	-do-	-do-
217.	Diploma in Mimcry	1 Year	
218.	B.L.I.Sc.	1 Year	Any Graduate (limited Seats)
219.	B.C.J.	1Year	-do-
220.	M.C.J.	1 Year	BCJ or its equivalent qualification recognized by KU As per Merit in the qualifying the examination (limited seats)
221.	L.L.M.	2 Years	L.L.B. with 45% of marks from a recognized University
222.	M.A. English	2 years	Bachelor's Degree with concerned subject as optional main or subsidiary as the case may be from any recognized University
223.	M.A. Telugu	2 years	-do-
224.	M.A. Hindi	2 years	-do-
225.	M.A. Urdu	2 years	-do-
226.	M.A. Sanskrit	2 years	-do-
227.	M.A. Economics	2 years	-do-
228.	M.A. History	2 years	-do-
229.	M.A. Political Science	2 years	-do-
230.	M.A. Public Administration	2 years	-do-

231.	M.A. Sociology	2 years	ANY Graduate from a recognized University
232.	Master of Social Work (MSW)	2 years	ANY Graduate from a recognized University
233.	M.A. Rural Development	2 years	ANY Graduate from a recognized University
234.	M.A. Human Resource Management (MHRM)	2 years	ANY Graduate from a recognized University
235.	M.Com.	2 years	Bachelor Degree with Concerned subject
236.	M.Sc. psychology	2 years	Any Graduate (limited seats )
237.	M.Sc. Environmental Science	2 years	Any Science or Engineering Graduates
238.	M.Sc. Mathematics	2 years	Bachelor Degree with Concerned subject
239.	M.Sc. Statistics	2 years	Bachelor Degree with Concerned subject
240.	M.Sc. Chemistry	2 years	Bachelor Degree with Concerned subject with 50% of Marks
241.	M.Sc. Botany	2 years	-do-
242.	M.sc. Zoology	2 years	-do-
243.	PG Dip. In Computer Applications	1 Year	Any Graduate from a recognized University
244.	PG Dip. In Business Management	1 Year	Any Graduate from a recognized University
245.	PG Dip. In Guidance and Counselling	1 Year	Any Graduate Psychology or Ma/MSc Psychology
246.	MBA	2 Years	Graduate qualified in ICET/University Entrance
247.	M.Sc. Computer Science	2 Years	Ay Graduate with Mathematics and Computer Science or Computer Applications /PGDCA/BCA
248.	B.Ed. (DM)	2 Years	Graduate in service teachers with D.Ed./HPT/TPT
249.	B.Ed. Addl. Methodology	1 Year	B.Ed. in service teachers
250.	Advanced Diploma in Computer Applications(ADCA)	6 months	Any graduate or equivalent qualification with PGDCA/PG
251.	Diploma in Drawing	6 months	10+2 or equivalent qualification or Certification courses in Drawing
252.	Certificate in Master of Web Design	3 months	Any Graduate or equivalent qualification with PG with CSC/CA
253.	Certificate In Beautician	3 months	SSC
254.	Certificate in Net Programming	3 months	Any Graduate
255.	Certificate in OPP(Programming)	3 months	Any Graduate

256.	Certificate in Tally	3 months	Any Graduate
257.	Certificate in Drawing	3 months	SSC
258.	Certificate in DTP.	3 months	10+2 or Equivalent are eligible

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

#### a) Core/Elective Options

At UG Non-Professional level the courses offered are run on the basis of Common core syllabus designed by the State Government. Therefore the student has the flexibility to choose any of the combinations in a particular degree programme. The syllabus for I and II years are common. In the III year University has option to offer courses on their own. Within the group of subjects that opted by the student there are certain fixed papers that are offered by the University and the student has the flexibility to choose.

For U.G. Professional level in final year student has the flexibility of selecting one of the electives offered by the Colleges.

In PG Non-professional courses each department offers more than one specialization/elective in final year. The students have the flexibility of selecting any one of the specializations/electives. The allotment of specialization in general is being done on the basis of the merit obtained in the first year of the programme.

**Table. 1.6. List of Specializations in different subjects**

Sl. No.	Subject	Specializations/Electives offered
1	Biotechnology	1. Molecular Biology 2. Plant Tissue Culture 3. Plant Biototechnology 4. Plastic Transformation 5. Genetic Engineering 6. Microbial Biotechnology 7. AM Fungi Microbial Biodiversity
2	Botany	1. Molecular Biotechnology 2. Molecular Biology 3. Cyanobacteria 4. Ethnobotany 5. Plant Tissue Culture 6. Mycology 7. Microbiology 8. Plant Pathology 9. 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 4. Organic synthesis & biological evaluation 5. Natural Products

		6. Coordination Chemistry 7. Kinetics and Catalysis 8. Molecular Modelling 9. Thermodynamic excess properties 10. Computational Chemistry.
5	Commerce	1. Finance 2. Marketing 3. Banking
6	Economics	1. Microeconomics 2. Political Economy 3. Womens' studies 4. Econometrics 5. Development Economics 6. Agriculture Economics
7	English	1. English Language Teaching 2. Indian English Literature 3. American Literature 4. Indian Literature in Translation 5. Post-Colonial Literature
8	Geology	1. Petrology 2. Geo-chemistry 3. Hydro-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. Algebra 5. Poroelasticity 6. Stochastic Process and Queueing Theory 7. Reliability 8. Theory of differential equations 9. Complex Analysis 10. Numerical Analysis 11. Internet Traffic Modelling and Performance Evaluation
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. Environmental Microbiology 2. Microbial Biotechnology 3. Molecular Biology 4. Microbial diversity 5. Mycotoxins 6. Agricultural Microbiology
13	Physics	1. Solid State Physics 2. Nanoscience

		<ul style="list-style-type: none"> <li>3. Electronics</li> <li>4. Material Science</li> <li>5. Crystal Growth and Characterisation</li> <li>6. Spectroscopy</li> </ul>
14	Political Science	<ul style="list-style-type: none"> <li>1. Indian Government and Politics</li> <li>2. Pressure Group Politics</li> <li>3. Social Movements</li> <li>4. State Government and Politics</li> <li>5. International Relations</li> </ul>
15	Public Administration	<ul style="list-style-type: none"> <li>1. Public Policy</li> <li>2. Tribal Development</li> <li>3. Human Resource Management</li> <li>4. Local Governance.</li> </ul>
16	Telugu	<ul style="list-style-type: none"> <li>1. Regional studies in Telugu literature in Telangana</li> <li>2. Bibliography of Telangana</li> <li>3. Telugulo Streeela Sahityam</li> <li>4. Telugulo Dalitula Sahityam</li> <li>5. Telangana Katha and Telangana Navala</li> <li>6. Novel &amp; Short Story</li> <li>7. Modern Critics and Critics in Telugu</li> <li>8. Indian Aesthetics</li> <li>9. Modern Poetry</li> </ul>
17	Zoology	<ul style="list-style-type: none"> <li>1. Environmental Biology</li> <li>2. Physiology and Biochemistry</li> <li>3. Environmental Biotechnology</li> <li>4. Reproductive Physiology</li> <li>5. Histochemistry and Parasitology</li> <li>6. Ecophysiology and Toxicology</li> <li>7. Histochemistry and Fisheries</li> <li>8. Seribiotechnology</li> <li>9. Enzymology</li> <li>10. Infections and diseases.</li> </ul>
18	Pharmacy	<ul style="list-style-type: none"> <li>1. Pharmacology</li> <li>2. Pharmaceutical Chemistry</li> <li>3. Pharmacognosy</li> <li>4. Industrial Pharmacy</li> <li>5. Pharmaceutics</li> <li>6. Pharmaceutical Analysis.</li> </ul>
19	Engineering	<ul style="list-style-type: none"> <li>1. Software Engineering</li> <li>2. Digital Engineering</li> </ul>
20	Statistics	<ul style="list-style-type: none"> <li>1. Boot strapping</li> </ul>
21	Engineering and Technology	<ul style="list-style-type: none"> <li>1. Software Engineering</li> <li>2. Digital Communication Engineering</li> <li>3. Electronics and Communication Engineering</li> </ul>
22	Education	<ul style="list-style-type: none"> <li>1. Economics of Education</li> <li>2. Educational Psychology</li> <li>3. Mathematics Education</li> <li>4. Educational Evaluation</li> <li>5. Science Education</li> <li>6. Distance Education</li> <li>7. Educational Philosophy</li> </ul>

**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 University has the schemes of visiting professor and funds are allocated to provide remuneration, T.A and D.A to the professor to stay on the campus to deliver series of lectures on a particular subject and to continuously interact with the research scholars and students to enrich their knowledge.

In addition the departments conduct seminars/conferences/workshops, students are encouraged to involve in the deliberations and interact with the speakers and participants and enrich their knowledge.

University also conducts endowment lectures for which students are encouraged to attend and learn about the social issues and their status.

**Number of such programmes:**

In total of 100 conferences/seminars/workshops were conducted by various departments in the period of assessment. Eight Endowment Lectures were instituted and conducted. They are

- 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.

**c) Courses offered in modular form: Nil****d) Credit accumulation and transfer facility**

In UG courses due to the common core syllabus 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 transfer their admission 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 Roaster system after writing the "ECET" entrance conducted by the Government of Andhra Pradesh.

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

The University has signed MoU with 13 foreign 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

and meeting the eligibility requirements. 15% supernumerary seats are available in all the PG courses (Regular programmes only) for foreign nationals including NRIs. They need not appear for an entrance test. The 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. The curriculum is designed to attract international students. The demand from international students for admission to the University has been increasing over the years. During the last five years, UG students, PG students and Ph.D. scholars from foreign countries have pursued their studies in the University. Under the MoU, students from abroad spend a semester or two in the University campus and attend classes along with regular students. Likewise 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.

In this period of assessment University has achieved considerable success in attracting foreign students. CFRAC has done tremendous planning. In the last five years 38 admissions were made. CFRAC has so far attended to 181 admissions and enquiries (21 Alumni + 79 admissions + 81 enquiries) from 19 countries such as Afghanistan, Bangladesh, Brazil, Canada, Cyprus, Oman, Ethiopia, Italy, Iran, Iraq, Libya, Palestine, Saudi Arabia, South Korea, South Sudan, Sri Lanka, Tanzania, Uganda 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) Eritria 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) Girne American University, Cyprus, UK,
- 11) NTH Co., Ltd., Japan,
- 12) NSL Mining Consolidated Ltd, Australia and
- 13) MDI, Gurgaon 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 Malasia), 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.**

B.A., B.Com, BBM, BBA.,LLB, LL.M., B.Tech., M.Tech., B.Pharm., M.B.A., M.Sc., B.Ed. and Ph.D. programmes in 36 subjects.

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

Yes, The Department of Commerce and Business Management has an MoU with Central Michigan University, USA for an MBA (Twinning Programme).

**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?**

The following self financing courses are being offered by Kakatiya University. The students are admitted in to these programmes only through entrance merit for PG programmes.

**1.7. List of the Departments/Colleges running under Self Finance Stream**

Sl. No.	Name of the College	Courses	Fee (Rupees)
01	Univ. College, KU	MCJ MLISc. M.Sc. (Applied Mathematics) M.Sc. (Botany) M.Sc. (Biotechnology) M.Sc. (Microbiology) M.Sc. (Biochemistry) M Sc. (Computer Science) M.A. (Gender Studies) MCA MTM MHRM M.Sc. (Psychology)	19,010 16,160 16,010 21,510 35,000 29,960 33,960 27,110 12,510 31,270 24,010 24,010 19,010
02	Univ. College for Women, Subedari	MBA MA (Economics) MA (Telugu) MA (Political Science) MA (English) M.Com. M.Sc. (Mathematics) M.Sc. (Computer Science)	31, 270 12,510 12,510 12,510 12,510 13,510 15,460 27,110
03	Univ. College of Physical Education, KU	M.P.Ed. B.P.Ed.	19,060 18,660
04	Uni. PG College, Khammam	MBA M.Com. MA (English)	31,270 13,510 12,510
05	Univ. Arts & Science College, Subedari	M.Com. MBA MHRM MA (Sociology) MA (Hindi) M.Sc. (Computer Science) MCA M.Sc. (Chemistry) M.Sc. (Botany)	13,510 31, 270 24,010 12,510 12,510 27,110 31,270 24,110 21,510
06	Univ. College of Engineering & Technology, KU	M.Tech. (Digital Communication) M.Tech. (Computer Science)	53, 810 53,810

07	Univ. College of Commerce & Business Management, KU	MBA	31,270
08	Univ. College of Law, Subedari	LL.M. LL.B.	8,980 10,465
09	Univ. PG College, Nirmal	M.Com.	13,510
10	Univ. College of Physical Education, Khammam	B.P.Ed.	18,660
11	Univ. PG College, Subedari	MBA MA (History) MA (Political Science) MA (Economics) MA (English)	31,270 12,510 12,510 12,510 12,510
12	Univ. PG College, Jangaon	MA (English) M.Com. (FA) Master of Social Work M.Sc. (Chemistry)	12,510 12,510 24,160 24,110
13	Univ. PG College, Mahabubabad	Master of Social Work MA (Telugu) MA (Economics) M.Com. MA (Public Governance)	18,010 12,510 12,510 13,510 12,510
14	Centre for Womens' Studies	MA (Gender Studies)	12,510
15	Univ. PG College, Bhupalpally	Master of Social Work MBA M.Com. MA (English)	24,160 31,270 13,510 12,510
16	Univ. College of Pharmaceutical Sciences, KU	M. Pharmacy	1,10,000

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 appointment along with the qualifications is also same as that for any other teacher in University. The following are the rates of remuneration for the teachers both contractual and part-time.

**Table 1.8 Details of the rates of remuneration for teachers employed for self-finance programmes**

Sl. No.	Particulars	Remuneration per month
	<b>Assistant Professors –Contractual</b>	
1	Teachers with Ph.D./NET/SLET and having put in more than 8 years of service	Rs. 28,500
2	Teachers without Ph.D/NET/SLET and having put in more than 8 years of service	Rs. 23,000
3	Teachers with Ph.D/NET/SLET and having put in service between 5 and 8 years	Rs. 24,000
4	Teachers without Ph.D/NET/SLET and having put in service between 5 and 8 years	Rs. 20,000
5	Teachers with Ph.D/NET/SLET and having put in service less than 5 years	Rs. 18,000
6	Teachers without Ph.D/NET/SLET and having put in service less than 5 years	Rs. 16,000
	<b>Part-time Teachers</b>	Per period (one hour)
7	For Theory (for both UG and PG classes)	Rs. 325
8	For Practical (for both UG and PG classes)	Rs. 175

**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.**

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.

But 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, The university has taken a decision to introduce the CBCS in three subjects one each in the faculties of Science, Social Sciences and Commerce from the academic year 2014-15. Once it is implemented for an year or two the university contemplates to encourage affiliated colleges for the introduction of CBCS.

**1.2.9. What percentage of programmes offered by the university follow:**

- Annual system : only UG Non-Professional courses
- Semester system : 100% of P.G. and Professional courses
- Trimester system : Nil

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

**Table 1.9. List of inter-disciplinary courses on campus**

Sl. No.	Name of the programme	Type of the programme	Number of Seats
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	20
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
14	M.Sc. (Psychology)	Semester	35

The University offered a total of 222 programmes during the academic year 2013-14 through its departments [List of programmes given in Table 1.5]. This includes 13 M.Phil, 39 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. This list also includes the five year integrated programmes namely M.Sc Biotechnology, M.Sc. Chemistry and L.L.M. The University offers 36 Ph.D programmes (both pure and interdisciplinary) and 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. [Section 1.1.6]. The admission to all the programmes on the campus colleges and affiliated colleges is through entrance test only. 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. After completing P.G. he has the freedom to select

interdisciplinary topics for his research. University also provides the facility of joint supervisors in such cases.

### **Academic flexibility in choosing the courses**

The academic programmes are well structured. All Non-Professional Under-Graduate Programmes are year-wise, all Post-Graduate and all Professional Under-Graduate Programmes are semester-wise. An academic year consists of two semesters. Odd semester (I and III semesters): July to November and Even semester (II and IV semesters) December to April. A semester normally extends over a period of 18 weeks. Each week has 36 working hours spread over a 6 day week.

### **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. At the same time, Sciences, Bio- Sciences, Pharmacy, Journalism, Psychology etc. cater to the contemporary needs of the society. Language, Art and Culture are of perennial 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.

Notable highlights in this curricular area in the period of reaccreditation are:

i) Soft skill courses and industry internship for B.Tech students are mandatory.

Another defining 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?**

The semester pattern allows constant review and up gradation of the curriculum to keep abreast of the latest trends in the emerging areas and also to keep pace with the industrial needs and global competition. The list of new programmes introduced in the University departments is given in section 1.1.6. 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 Nanoscience and an M.Sc Programme in Nanotechnology in an Autonomous College. All these courses have been launched after reviewing the existing courses and after ascertaining the demand from various stakeholders.

During the academic year 2013-2014 the University has 222 programmes which are available for the affiliated (autonomous, non-autonomous and constituent) colleges and SDLCE to choose to offer (Table 1.5).

**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 accreditation (2009-14) are:

**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),
- M.A.(Journalism),
- Master in Communication and Journalism (MCJ),
- M.A(Gender studies),
- Master in Social Work (MSW)
- M.P.Ed.and
- M.Tech in Digital Communication.

**Research Level**

- Ph.D programme in Biotechnology

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:

- Accordance with the regulatory bodies such as UGC and AICTE.
- Analysis of the current and future challenges
- 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 and techniques.
- Meeting of the chairpersons of BoS to review the need.

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.

**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 1.10. Value added PG, PG Diploma, Diploma and Certificate programmes offered**

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

The Diploma and Certificate programmes are offered during the evenings, weekends, summer/winter vacations and conducted with experts in the field both from academia and industry. The alumni are also involved in the conduct of such programmes. The infrastructure facilities available in the centres of excellence are made accessible to students during the conduct of the programmes. Most of these courses are conducted by the SDLCE and publicity is made with the help of its study centres, Print and TV media and through its website. For regular courses the information is given to the concerned through the University website and the admission notification.

**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?**

Presently 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..

The University contemplating to start the courses like IT Network System Administration and IT Software Solutions for Business.

#### **1.4 Feedback system**

The University uses both formal and informal feedback methods to obtain feedback about the courses and delivery 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.**

The Internal Quality Assurance Cell (IQAC) of the University, established in July 2005 developed an instrument to get a detailed feedback about the course, course content, relevance and delivery by the teacher. The instrument has been modified to meet the current requirements. 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 illicit 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.**

Feedback has also 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.

##### **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.**

Yes, the feedback from the affiliated institutions on curriculum comes from the participation of their faculty in Departmental Conferences conducted every year only to discuss the syllabus and issues related to course content, hourly distribution, scope of syllabus, suitability to prepare question paper, etc.

##### **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.**



**CRITERION II**

**TEACHING, LEARNING AND  
EVALUATION**



## **CRITERION II**

### **TEACHING–LEARNING AND EVALUATION**

#### **Introduction**

The Kakatiya University for last few years is concentrating in formulating new programmes having societal significance. The strict adherence to academic calendar, reservation of seats as per the Policy of Government of Andhra Pradesh, effective student mentoring system and use of modern teaching methods help to set up the University's benchmarks in teaching and learning. After the recent bifurcation of the state and the formation of the new state of Telangana, the University will follow the rules and regulations of the Telangana state. The University is supportive in providing infrastructural facilities to teachers and students in order to develop global competencies. The use of LCD projectors and audio visual aids in class room, Wi-fi internet connectivity in library and several departments are ready instances. Teachers are evaluated based on their classroom performance, research work, their contribution to corporate life of the University and other accomplishments through periodical feedback.

#### **2.1. Student Enrolment and Profile**

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

Every year the University brings out an admission notification for PG and M.Phil. Programmes of the University departments in leading national and regional dailies, through the Director of Admissions Headed by a Senior Professor. The information is also hosted in the University website ([www.kakatiya.ac.in](http://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 also hosted in SDLCE's exclusive website ([www.sdlceku.ac.in](http://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.

In addition to these, the University provides a prospectus along with the application form giving details of the programmes offered, eligibility, rules and regulations governing admission to such programmes, besides information about fee structure, reservation policy, scholarship, hostel facilities, course details, applicable fee concession for SC/ST students, etc. Students can also download the application forms and apply with registration fees.

Before the admission notification is issued, the Vice Chancellor calls for the meeting of the heads of departments and discusses the matters relating to the admission of students for PG and M.Phil. programmes. Heads of departments are free to express their views on the methodology of admission to be followed subject to the rules of reservation of the Government of Andhra Pradesh. The broadly-agreed decision at the meeting becomes the basis for admission for that academic year. This way, the admission process followed by the University is transparent and dynamic. Based on the decision taken in the heads of the departments meeting, the admission guidelines are circulated to all departments. Admissions to all the PG, M.Phil programmes are made by the Directorate of Admissions to all departments of the University by strictly adhering to the admission guidelines which are based on merit even while following the reservation policy of the government of Andhra Pradesh. As per the admission guidelines, Directorate of Admissions with the approval of the Vice-Chancellor constitutes an 'Admission Committee' which comprises of three members. Besides, the Heads of the Department, the committee consists of faculty member belonging to SC/ST, minorities and Women.

Application forms received from the prospective candidates are scrutinized by the 'Admission Committee'. If the number of applications received, exceed the sanctioned strength, entrance examination is conducted. Admission is based purely on the marks secured by the applicants in the Entrance Examination. In case the number of applications received is less than the sanctioned strength of the students for admission, applicants are invited for counselling and direct admission is provided to the candidates who fulfil the minimum eligibility criteria. The admission/allotment of seats is made through student counselling in the premises of the Directorate of Admissions. The counselling is conducted in two or three phases namely Ist counselling, Second counselling and spot admissions. In addition, the details are also placed in the University website. In the case of MBA and MCA degree programmes, admission is based on the ICET score following the State Government reservation rules. The admission into B.Tech and B.Pharm courses is through EAMCET score following the State Government reservation rules.

**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 Andhra Pradesh, attempts to enhance the access for students belonging to SC/ST, BC and minorities, persons with various disabilities, economically weaker sections, outstanding achievers in sports and other extra-curricular activities. The rules of reservation prescribed by the Government of Andhra Pradesh is as follows: 1) admission to 85% of the available seats in every course of study provided by the Kakatiya University shall be reserved in favour of local candidates in relation to the local area in respect of the Kakatiya University, 2) a minimum of 33.3% of the available seats in each course including those offered under self-finance scheme in the University constituent and affiliated colleges will be allotted to the eligible female candidates from each category, BC 29 %, (Muslim 4% ) SC 15 % and ST 7.5 %. The following percentage of allocation is made to the specified categories in the overall seats of the University: (i) Differently abled – 3 %, (1% for visually challenged + 1% for hearing impaired + 1% for physically challenged). In addition to above, supernumerary seats are provided in each course for candidates under sports/NCC/NSS, children of armed personnel and teacher candidates. For sports/NCC/NSS category of applicants one seat for a block of 20 seats or more, taking the subject-course of study per college as one unit, is reserved. One seat for a block of 20 seats or more by taking the subject course of study per college as one unit for the children of Ex-servicemen/servicemen put together. In order to attract foreign students, the University provides % 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. The above provision enables the University to enhance the access to the disadvantaged group of students. Once the number of seats college-wise are categorized according to the percent of reservation the admission is made only on the merit either in the marks obtained in qualifying examination for UG(Non-Professional) courses or in the marks obtained in the Entrance examination conducted by the University for PG(Non-Professional Examinations and also for 5 year Integrated Programmes. For UG(Professional) Programmes the admission is made by the state centralized bodies called APSCHE, Andhra Pradesh on the basis of the marks obtained in the EAMCET, LAW CET.. For the B.Ed programme the admission is also on the basis of marks obtained in EdCET conducted by APSCHE. For PG (Professional) courses the admission is made by the APSCHE on the basis of the marks obtained in the state level entrance tests like GATE, ICET, PCET, PG CET. All these admission processes provide reservations to the students as per the Government reservation policy.

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 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.**

The admissions for UG courses in affiliated colleges, the schedule is prepared and finalized after thorough discussions in the Principal's meeting convened by the Dean College Development Council, Vice-Chancellor being the Chairman. Admissions are made as per the schedule finalised. 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 (Intermediate). The admission process in affiliated colleges is supervised by the Dean, College Development Council of the University.

There are as many as 490 Colleges affiliated to the Kakatiya University. The colleges are broadly categorized into Constituent (18), Government (45), Aided Colleges (7), Private Colleges (Self Financing Colleges) (402) and other Institutions namely Oriental Colleges (2). Student admissions to all these colleges in to PG courses are made by the Directorate of Admissions of Kakatiya University.

### **2.1.4. Does the university have a mechanism in 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?**

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.

Earlier admissions used to be made at the level of the departments. Due to the inconveniences reported by the student community and after careful examination, the centralised admission process was initiated by establishing the Directorate of Admissions. Over the years lot of improvement and simplification was achieved because of the use of computers through relevant software. This helped the university in completing the admission process in the shortest possible time frame without causing inconvenience 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**
- **OBC**
- **Women**
- **Persons with varied disabilities**
- **Economically weaker sections**
- **Outstanding achievers in sports and other extracurricular activities**

The University, by scrupulously implementing the reservation policy of the Government of Andhra Pradesh, attempts to enhance the access for students belonging to SC/ST, BC and minorities, persons with various disabilities, economically weaker sections, outstanding achievers in

sports and other extra-curricular activities. Basically 85% of the available seats in every course in every college are reserved in favour of the Local Candidates in relation to the Local area and the remaining 15% of seats are filled by both the Local and Non-Local candidates as per the Andhra Pradesh Educational Institutions (Regulations of Admission Order 1974 with amendments in 1975-76. A minimum of 33.3% of the available seats in each college and every course are reserved for women.

The rules of reservation prescribed by the Government of Andhra Pradesh is as follows: General Category 40%, BC 29%, (Muslim 4% ) SC 15% and ST 7.5%. The following percentage of allocation is made to the specified categories in the overall seats of the University: (i) Differently abled – 3 %, (1% for visually challenged + 1% hearing impaired + 1 % for physically challenged). In addition, one seat for a block of 20 seats or more, taking the subject-course of study per college as one unit, is reserved for Sports/NCC/NSS categories put together in each of the courses.

One seat for a block of 20 seats or more by taking the subject-course of study per college as one unit for the children of Ex-servicemen/Servicemen put together.

In order to attract foreign students, the University provides 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. The above provision enables the University to enhance the access to the disadvantaged group of students.

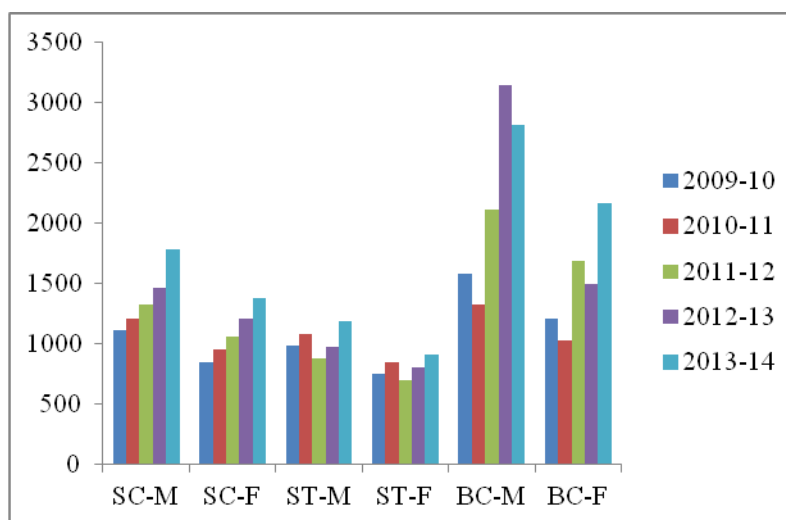
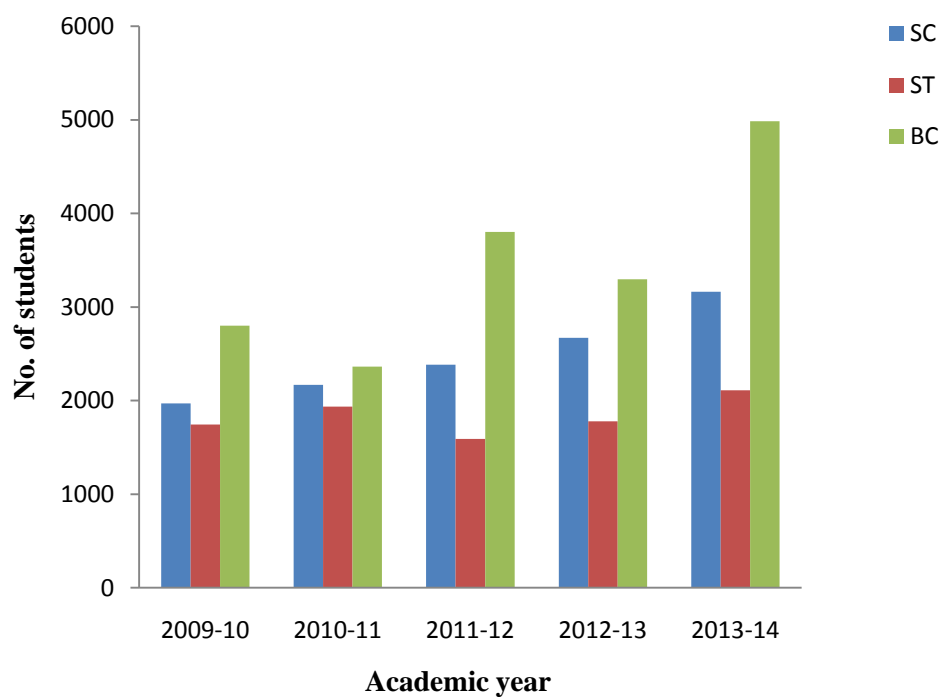
### **Trends in admissions to PG programmes**

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 in 2008 - 2009 rose to in 2013– 2014. It can be noticed from the Table that the total number of female students is more than the male students and the number of students belonging to marginalized sections of society (SC, ST and OBC)also increased considerably over the past six years. Also, the number of first generation students entering into University education has increased considerably during the past six years.

**Table 2.1 Trends in admission to PG programmes**

<b>Academic year</b>	<b>SC</b>			<b>ST</b>			<b>BC</b>		
	<b>M</b>	<b>F</b>	<b>Total</b>	<b>M</b>	<b>F</b>	<b>Total</b>	<b>M</b>	<b>F</b>	<b>Total</b>
2009-10	1116	852	1968	988	754	1742	1588	1213	2801
2010-11	1210	958	2162	1087	847	1934	1327	1034	2361
2011-12	1327	1057	2384	885	704	1589	2117	1686	3803
2012-13	1461	1210	2671	973	806	1779	3153	1493	3296
2013-14	1788	1376	3164	1192	917	2109	2817	2168	4985

**Trends in admissions to PG programme (Ref. Table 2.1)**



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

**Table 2.2 Admission of students in to university departments in last four years**

Sl. No	Categories	Year1 2010-11			Year2 2011-12			Year3 2012-13			Year4 2013-14		
		M	F	Total	M	F	Total	M	F	Total	M	F	Total
1													
2	SC	169	117	286	189	101	290	192	102	294	1054	646	1700
3	ST	109	81	190	126	67	193	121	64	185	847	518	1365
4	OBC	231	189	420	277	149	426	281	150	431	1144	700	1844
5	GENERAL												
6	OTHERS (PHC)	26			28			28			29		
7	Supernumerary NSS/NCC/S OPTS/ GAMES	68			70			70			74		

## 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.

Table 2.3 makes a clear reading of the trends in the demand ratio with regard to the PG and the M. Phil programmes. This is evident in Figs. 2.2 and 2.3.

**Table. 2.3. Demand Ratio for the year 2013-2014**

Sl.No.	Programmes	Number of Applications	Number of Students Admitted	Demand Ratio
1	UG			
2	M.Sc/M.A./M.Com PG Diploma	29632	9632	1:3
3	5 Years Integrated M.Sc courses	406	60	1:7
4	M. Phil	1408	Admissions are in progress	
5	Ph.D	3671		

**Table. 2.4. Demand ratio for the period of assessment**

Sl. No.	Year	UG	PG	IM	M.Phil	Ph.D
1	2009-10	--	1:3	--	1:6	1:10
2	2010-11	--	1:3	--	1:6	--
3	2011-12	--	1:3	--	1:7	1:10
4	2012-13	--	1:3	--	1:6	--
5	2013-14	--	1:3	--	1:7	--

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

NIL

## **2.2. Catering to Student Diversity**

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

Every year, immediately after the admission process is completed, the University organizes orientation and induction programmes for the newly admitted students. The University brings out Handbook every year. The Handbook contains exhaustive 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, Ragging Redressal Committee, Language Laboratories, etc.

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

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 assessment also helps in getting an understanding of the requirements of the student population.

**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?**

- 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 are allocated for this purpose.
- University conducts remedial classes to coup with the optimum knowledge levels. Weekend classes are allocated for this purpose.
- To enhance the employability of the students community the add on courses are being organized.

**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?**

The university is contemplating to conduct the study on the academic growth of students from disadvantaged sections.

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

The advanced learners of a subject are identified by the concerned faculty during the classroom 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. Accordingly, subject wise, paper wise, practical wise strategies are adopted. They are given enough representations 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 reference topics
- Participation in quiz, debate and problem solving- decision making exercise
- 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 and policy and orders issued by Government of Andhra Pradesh. Institutional planning and organization of teaching-learning and evaluation schedule integrated into total scheme of academic calendar is mainly based on three important provisions. They are as follows:

1. The Regulations of each course specify the framework for academic schedule (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 (practical theory, field work etc), method of internal assessment tests, end-semester examinations, weightage for assessment tests and method of assessments and declaration of results

2. The Board of Studies prescribes the detailed syllabus for a subject based on regulations

3. 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. It is rational, realistic and scientific. 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?**

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 scrupulously for effective teaching-learning process. The effectiveness is ensured by placing the details on the University's website ([www.kakatiya.ac.in](http://www.kakatiya.ac.in)).

**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.**

Due to the Telangana agitation there were some problems in completion of the syllabus..Whenever there were disturbances, the departments faced this challenge and completed the syllabus in time by conducting one hour extra on everyday for the rest of semester and the examinations were conducted as per the almanac.

**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, (a) 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, (b) the case studies/business games for discussions in the classrooms, (c) the task of identifying vital reference books and relevant articles related to different topics from refereed national and international journals, (d) students to present the summary of certain research articles in the classrooms, (e) the choice of topics on which projects reports/dissertations are to be submitted by each one of them and (f) leadership role in various situations.

Student-teacher interaction is given highest priority in the teaching learning process to make it student-centric. Further, the learning process is made more interactive through the use of different support systems like LCD projectors, interactive boards, models, maps, educational documentaries etc. The 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 and reading rooms for independent learning.

**Table.2.5. 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
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### **2.3.5. What is the university's policy on inviting experts/people of eminence to deliver lectures and/or organize seminars for students?**

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. Similarly, allocation is also made for inviting experts as part of organizing seminars and conferences.

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

The University formally encourages blended learning by using e-learning resources. The computer aided learning is given priority in our educational system. The internet connections made available in all the departments and the library enhance the scope of e-learning. The University is privileged to have INFLIBNET and INFONET facilities. In addition, 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 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 process and research work.

### **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 Operation in all the departments is to enable researchers, academics, students and administration to use information and communication technologies.

#### **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](http://www.kakatiya.ac.in)).

#### **Soft Skill Lab**

Separate Soft Skill Lab with 40 computer systems each has 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.

**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 institution of integrating its benefits in the university educational process.

**2.3.9. What steps has the university taken to orient traditional classrooms into 24 X7 learning places?**

The use of modern multimedia teaching aids like LCD, OHP models, CD-ROMs and computer systems are usually employed in classroom instructions. 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 always use their laboratories at 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.**

University Career and Guidance Centre offers counselling, 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.

**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?**

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 centred 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. It is hoped that this pilot project will pave way for open access learning.

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 industry like work 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 presentations to collectively work with team spirit and share their knowledge.

(vi) Self and peer assessments: Students are encouraged to assess themselves and get assessed by their peers along industry and domain specific parameters in order that they may know their strengths and weaknesses.

### **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 from time to time. The University every year conducts inter collegiate cultural festivals on the campus. Recently University also conducted 'YUVAKALARATNA' a mega Inter-University Central Zone cultural festival. The University also celebrates International Women's day with the participation of women staff and students of University departments and affiliated colleges.

### **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?**

Project work is mandatory for the students of Pharmacy 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.

- **Number of projects executed with the university**

Students in engineering, pharmacy, management, computer science, MHRM, tourism courses prepare projects as part of their curriculum.

- **Names of external institutions associated with the university for student project work.**

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

- **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. University has a well qualified pool of human resources. 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.

**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](http://www.kaktiya.ac.in) which focuses on the broad areas like course content, teaching learning process, evaluation process, administration, library and Internet centres. 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

- a) attend academic programmes including FDP/ training programmes of similar type
- b) attend National/international workshops/seminars/conferences/conventions etc.,
- c) undertake consultancy assignments
- d) carry out research, publish papers in scholarly journals
- e) obtain research grants from national and international agencies and
- f) teach and guide students in Postgraduate, Doctoral programmes.

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 Andhra Pradesh for their Best Performance as teacher in the period of present assessment.

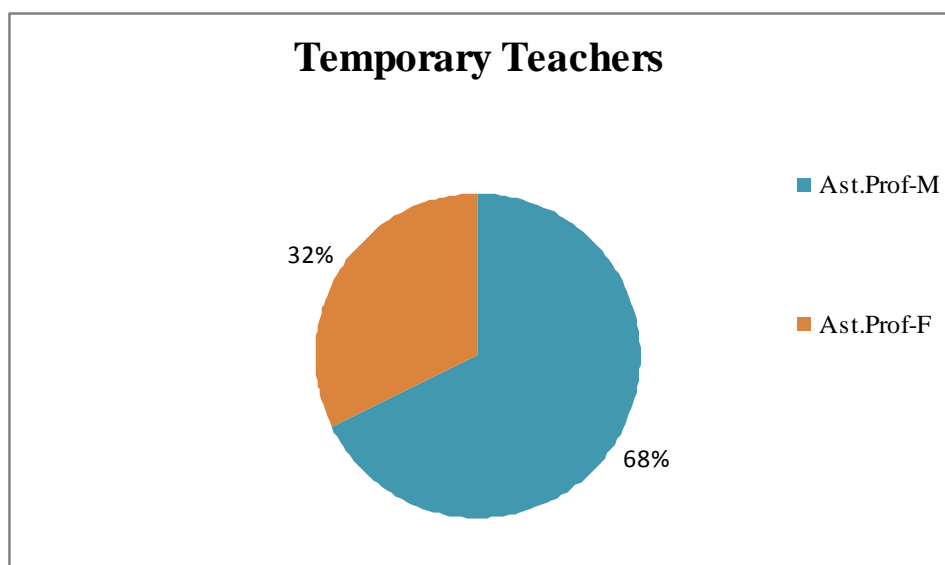
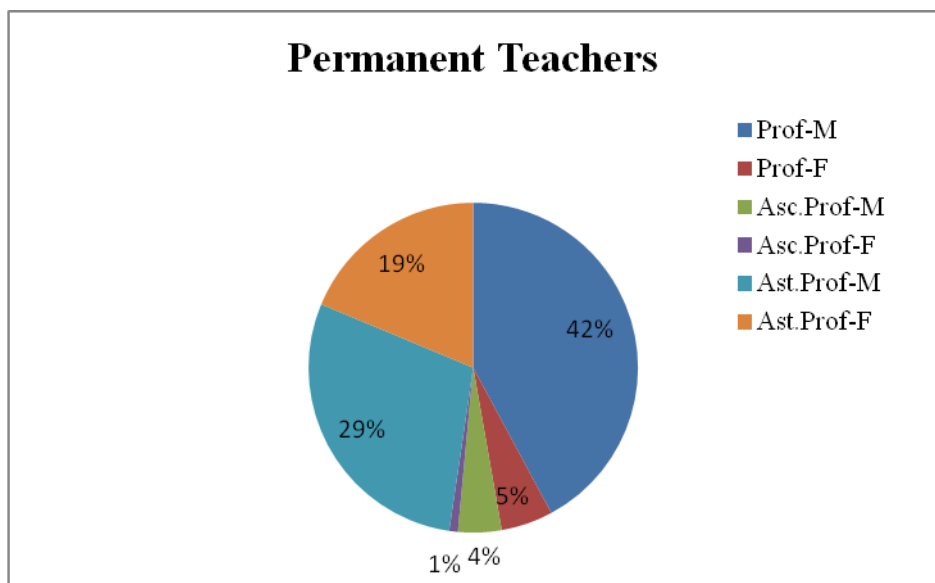
The Kakatiya University has been actively seeking collaboration with industries, and academic as well as research organizations all over the world with a view to meet the challenges of globalization on one hand and demands of the society on the other. The University constantly explores possibilities 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 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.

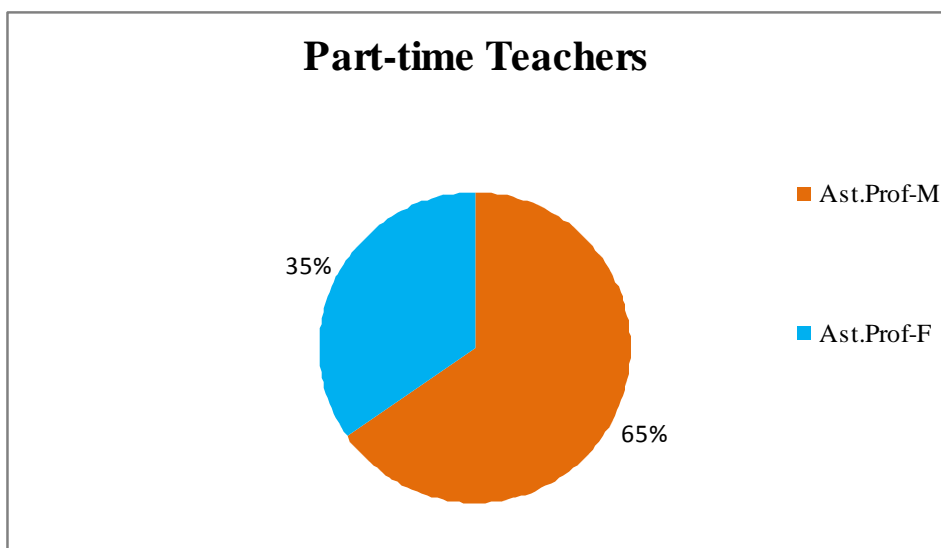
**2.4.2. Furnish details of the Faculty**

**Table 2.6 Details of the faculty**

Highest Qualification	Professors		Associate Professors		Assistant Professors		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt.							
Ph.D	99	12	09	01	49	32	202

M.Phil.					01	02	03
PG			01	01	18	10	30
<b>Temporary Teachers</b>							
Ph.D					67	14	81
M.Phil.							
PG					38	36	74
<b>Part-time Teachers</b>							
Ph.D					24	11	35
M.Phil.							
6P28G					59	33	92





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

**Table. 2.7. 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			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	100	00	Nil	Nil

	Administration & Human Resource Management				
18	Political Science	75	25	Nil	Nil
19	Pharmacy	100	00	Nil	Nil
20	Physics			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 faculty is appointed on purely on temporary basis either on a part-time basis or on contractual basis depending on the workload for that particular subject. Subsequently as and when the administrative sanction is obtained with the persuasion of the University for New Posts, through a general notification the appointments are made on the regular basis strictly as per the UGC norms.

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

- |                         |     |
|-------------------------|-----|
| 1. Emiritus Professors: | 02  |
| 2. Adjunct Faculty:     | 02  |
| 3. Visiting faculty:.   | 156 |

**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.)?**

1. Deputing teachers to attend faculty development programmes and staff development programmes organized by different universities with the help of UGC funding.
2. Granting study leave to teachers for doing Ph.D. in other University of International repute.
3. Funding the participation of the faculty in National and International seminars and conferences.
4. 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.

**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?**

**2008-09**

1. Prof. Ch. Balaramulu and Prof. S. Ram Reddy were selected for the State Best Teacher Award.
2. Prof. K. Subhash was awarded UGC Emeritus Fellowship for his contribution to Biotechnology.
3. Prof. N. Linga Murthy was honoured with the Amity Global Academic Excellence Award.
4. Prof. A. Sadanandam was honoured with A.P. Scientist Award, Best Teacher Researcher Award and Young Scientist Award.
5. Prof. N. Rama Swamy was honoured with International Scientist of the year.
6. Prof. Ghanta Ramesh was honoured with National Eminent Teacher Educator Award by the Indian Association of Teacher Educators.
7. Prof. Banna Ailaiah was awarded the Rhythu Vaalmiki Vanamamalai Jagannadha Charyulu Award by Saraswatha Jyothi Mithra Mandali of Karimnagar.

**2009-10**

8. Prof. Rajagopala Chary, Prof. N. Vijaya and Prof. A. Sadanandam were selected for the State Best Teacher Award.

Dr. Mateti Prabhakar was awarded International Canadian Studies Fellowship by the Canadian Government.

Prof. D. Ramakrishna was selected as the Honorary Fellow, Department of Culture and Communication, The University of Melbourne, Australia.

Prof. N. Linga Murthy was honoured with the Indian Achiever's Award for Education Excellence by Indian Economic Development and Research Association.

**2010-11**

Prof. N. Linga Murthy was conferred the rank of Honorary Colonel of NCC.

Prof. G. Damodar, Prof. N. Ramaswamy, Prof. V. Ravinder were selected for the State Best Teacher award.

Prof. A. Raghurama Rao was honoured with the Dr. (Mrs) Manjusree Pal Memorial Award for the best Pharmaceutical Scientist award

Prof. Banna Ailaiah was honoured by Teja Arts Creations –A Literary and Social Organization with the annual award.

Prof. Ghanta Ramesh was honoured with an award instituted by the UNESCO & NLM for the services rendered for the cause of Adult Education.

Prof. V. Bhaskara Rao received the Paul H. Appleby Award for his distinguished service to IIPA.

**2011-12**

Prof. Ciddi Veeresham and Prof. V. Ravinder were honoured with A. P. Scientist Award by APCOST.

Prof. V. Kishan was selected for the Pharmacy Teacher of the year Award by APTI, Punjab.

Prof. K. Katyayani was felicitated with Gurajada Literary Award by A.P. Department of Cultural and T. Subbirami Reddy Lalitha Kalaparishad.

Prof. N. Rama Swamy was felicitated with Talented Biotechnologist Award at the Third International Conference in University of Colombo.

Prof. Banna Ailaiah was honoured with State level Award by Sahrudaya Sahitya Samskruthika Samstha for his book Kaluva Malliah-Telangana Janajeevitham.

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.

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.

Prof. Banna Ailaiah was also honoured with Somanatha Samajika Sodhana Puraskaram by Somanadha Kala Peetham .

Prof. T. Srinivas was selected as Best Programme Co-ordinator for NSS by State Government/

## 2012-13

Prof. B. Venkat Rathnam was conferred with the honorary rank of Colonel by APNCC for his outstanding contribution to Higher Education.

Prof. S. Srihari, Prof. K. Krishna Reddy and Prof. K. Sambaiah were honoured with the State Best Teacher Award.

Prof. Ghanta Ramesh was honoured with the National Literacy Mission Award.

Prof. N. Ramaswamy was honoured with the Talented Scientist Award.

Prof. Ch. Sanjeeva Reddy was honoured with the Prof. Navneeth Rao Best Teacher Award.

Dr. Y. Venkaiah was honoured with the Bharath Siksha Ratan Award.

Prof. K. Krishna Reddy was awarded the State Best Teacher Award.

Prof. G.V.Bhavani Prasad was awarded the State Best Teacher Award.

### 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 2.8 shows the number of faculty who underwent Staff Development Programmes (SDPs) during the last five years. The academic development programmes are organized by the academic development programmes were organized by various departments of Kakatiya University.

**Table 2.8 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?

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?

The senior teachers from Pharmacy, Physics, English, Microbiology, Education, Biotechnology, Chemistry are visiting the following universities and delivering lectures.

1. S.V.University, Tirupathi.
2. Acharya Nagarjuna University, Guntur.
3. Osmania University, Hyderabad.
4. Vikram Simhapuri University, Nellore.

## **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. At 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 of Examination Branch brought out by it from time to time. Moderation board comprising of Chairperson BOS, and a senior teacher of the concerned department can make recommendation 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 ( temporary + permanent), contact numbers (landline + Mobile) , religion, caste/ community, passport sized 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, Directorate of Admissions for PG courses and the Convener, EAMCET, ICET, EdCET, LAWCET 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) during issue of 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 uploaded the name and address of the student , which includes the scanned copy of photograph and signature on to a template hoisted on the university website [www.kuonline.co.in](http://www.kuonline.co.in). This enables the University to reduce the time of processing of application form of the candidates and also error free updating of students information viz., name, date of birth, address for communication, community and subjects for which they are appearing etc.

##### **Online-Hall ticketing:**

The Principal/Director downloaded Hall Tickets using internet portals. Each college used an user ID and password. For example, University College has user ID as 000 and password as 05694. This enables easy and quick receipt of hall tickets, even in the remote areas of Warangal, Adilabad, Khammam & Karimnagar districts.

##### **Online Nominal Rolls & Attendance Statement:**

The chief superintendent of the examination centre downloaded nominal rolls & attendance statement (attendance statement includes scanned copy of the students image). This was helpful to the examination branch in knowing the actual number of candidates appearing for each subject and in turn enabled setting and printing of adequate number of question papers and the examination center for making proper seating arrangement. This practice also reduced malpractice (impersonation) .

#### **Online sessional marks & practical marks:**

The sessional 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 LLM . The question paper were sent to the chief superintendent/principal 10 minutes before the commencement of examination, who in-turn provided the photocopied question paper to the students. This experiment was successful in cases where there is limited number of students and one examination center This will reduce the use of paper and preserve confidentiality.

#### **Bar Coding:**

Kakatiya University PGCET was conducted using OMR sheets. On experimental basis, answer scripts with bar coded OMR sheets were introduced for B.Tech., B.Ed. & B. Pharmacy. 1<sup>st</sup> year examinations. This will 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 in the evening of same day itself. This will reduced time and 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 collected question papers 45 minutes before the commencement of examinations. This had reduced instances of paper leak.

After completion of the examination the answer scripts & attendance statement were preserved at nodal centers or police stations. The answer script bundles were collected by the examination branch on every alternate day and stored in strong room. This practise was safe and assured confidentiality and reduced the scope of malpractice.

#### **Grading System for M.Tech.:**

Grading system was introduced for M.Tech. students so as to comply by 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.Pharmacy student, was in vogue till recently. However, the revaluation of the answer scripts by another evaluator was introduced in these courses, which was already in vogue 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 him 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 augur 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.Pharmacy, MBA, B.Ed. etc., the complete student database which includes marks sheet from 1<sup>st</sup> to final semesters) 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.

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](http://www.kakatiya.ac.in) and Private Website like [www.manabadi.com](http://www.manabadi.com); [www.indiaresults.com](http://www.indiaresults.com); [www.bharatstudent.com](http://www.bharatstudent.com) & [www.school9.com](http://www.school9.com) and also in the daily leading 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 and implementation of Board of studies recommendations, the results data were converted from code number to original number, a day before the publication of results.

Apart from the above, 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?**

**The university examination process has the following three distinct parts:**

- a) **Pre-Examination Process:** 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.
- b) **Examination Process:** Currently, the University is taking earnest efforts in introducing online gateway payment and it will be implemented during this academic year, i.e.2013-14.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 centres and he/she will be given full powers to conduct the examinations, i.e. from the receipt of the question papers from the University till the dispatch of answer scripts to the University for evaluation. The Chief Superintendents have been empowered to appoint required number of invigilators for hall supervision and conduct of examination. Further, the University appoints Additional External Chief Superintendent for all examination centres 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 centres to curb malpractices.

- c) **Post-Examination process:** With regard to processing of examination results, the University follows computerized result processing system and error free results are published. Immediately after publishing the results, the Mark Sheets and Provisional Certificate are sent to the colleges for onward transmission to students. Immediately on publication of results, the students are permitted to apply for revaluation and re-totalling of their answer papers in the subjects of their choice. The revaluation process 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. This with a view to enable students who have failed in the end semester to apply for higher studies/employment, the University also introduced instant examination system since April 2011. The instant examination has been conducted like the main examination with separate question papers and the results are published within a month to make the immediate benefit to the students and purpose to save academic year..

#### **2.5.6. How 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. 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 has to publish atleast one paper on the topic of research before submission of thesis. The thesis submitted by the research scholar will be evaluated by 3 adjudicator; one adjudicator from within the state and 2 adjudicators from outside the state. After receiving atleast 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.**

The university is following the practice of including the name of the affiliated autonomous colleges in the degree certificate.

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

In case any student feels aggrieved, he/she can contact the respective teacher for a second look at his/her performance within one week from the departmental notification. The aggrieved student must be shown his/her answer papers in the end semester examination by the teacher concerned and the signature of the student must be obtained. If the teacher feels that the case is genuine, he/she can re-examine and forward the revised grade, if any, to the Dean (Academic) through the heads of department with justification for the revision. Revision should be done before the document reaches the Dean/Controller of 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 (Academic) with the permission of the 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 (Academic)/ Departmental/Class Committee with respect to the final results and will publish the same and issue the grade cards to students within 2-3 weeks after the receipt of the results.

**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 objective is to reduce the time of the processing of the examination applications of the candidates and also to ensure error-free updating of student information. The University has also implemented the online registration of practical and internal marks of the candidates and this enables the University in processing the examination results quickly. For every requirement of the students there is provision of solution under the Tatkal Scheme. Examination is student friendly in all its official procedures.

**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?**

Most of the programmes offered by the University schools of studies 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 in these components of evaluation. Thus it is 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 the regularity of attendance, participation in seminars and other activities and also the performance of students in internal tests/ semester examinations. 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.

- Modern teaching aids are employed in teaching and learning process.
- 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.
- Transparency in the evaluation system
- Thrust on faculty development- participation in seminars, refresher courses and workshops
- 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?**

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 an unknown future.

**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 and monitoring the academic programmes at regular intervals to ensure Academic Excellence.

#### **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 dedicated IQAC wing of the University. The feedback issued by the faculty for improving the quality of teaching. The grades of performance as assessed by the students are communicated to the faculty through the office of 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.

#### **Language laboratories**

The language laboratories focus on computer aided multimedia instruction and language acquisition. The learner friendly mode of language learning enables students to be self instructional. 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 campuses. 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 is located at its Chepauk Campus. Besides, maintaining a collection of print materials, the University Library system also maintains a collection of e-resources on CDs and also subscribe to over 4000e-journals under UGCs INFONE T 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 society through
- University Research Fellowships
- Fee exemption/ waivers differently-abled students, etc.
- Sustained growth in student enrolment especially from women, and deprived sections.
- Provision of online student registration, online mark entry and online Ph.D application tracking systems.
- Complete academic audit through continuous course assessment, and faculty self-appraisal.

**Any other information regarding Teaching, Learning and Evaluation which the university would like to include.**



**CRITERION III**  
**RESEARCH, CONSULTANCY AND**  
**EXTENSION**



### **CRITERION III**

## **RESEARCH, CONSULTANCY AND EXTENSION**

### **Introduction**

The Kakatiya University putting dedicated efforts towards achieving excellence in teaching and research including sponsored and consultancy projects. The social science departments have been working to take the research to the villages and the urban poor while the science departments are working towards process and product development. A testimony to these claims is the award of 12 departments under the UGC-SAP, and 5 departments under the DST-FIST programmes and sanction of DBT-BUILDER programme to the Life Science departments put together. Notable and significant achievements have been made in research, and extension programmes during the period 2009-10 to 2013-14.

### **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.**

The research policy and its implementation to get good output is monitored by a two tier system. On one side the research and development is looked after by Dean, Research and Development and on the other side the quality of research is monitored by the Deans of the different faculties. That whole research policy and its output including the quality of research is monitored by a team of 11 members team consisting of 1-Dean, Research and Development, 8-Deans of Faculties and Coordinator/Director, IQAC as a member under the Chairmanship of the Vice-Chancellor.

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

The University has rich and long legacy of nurturing high quality research. It continues to support and enhance this tradition in all its departments and affiliated institutions. Every member of the faculty 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, and reporting and presenting the results. Administrative structures and procedures that reflect this philosophy are in place, and changes to these are made to enhance their effectiveness, as and when necessary. The University has adopted the 'UGC Regulations for Ph.D.[2009]' in the Ph.D regulations of the Kakatiya University from the year 2010.

The University's focus on research achievements is made clear to the faculty right from the beginning. Apart from the statutory requirements, recruitments and subsequent promotions are always made on the basis of research achievements of the faculty. The existence of such criteria, along with a general atmosphere of respect and honour for research achievements by faculty in the University has resulted in this being one of the core strengths of the University.

The University also provides research facilities such as animal houses for research in Zoology and Pharmaceutical Sciences and other essential research infrastructure. Internet facilities, including Wi-Fi on the whole campus, are freely available to the faculty and students. Connectivity to the National Knowledge Network (NKN) ensures speeds up to 08 Mbps. This has made it possible to use remote control for data collection from various resources for all the faculties. It goes without saying that adequate laboratory space along with water and power is freely available to every faculty member.

The University plays a pro-active role in encouraging colleges and college teachers to actively involve in research. The University grants recognition and permits colleges to conduct Ph.D and M.Phil programmes if the Department meets the norms prescribed by the BoRS. The College Development Council (CDC) headed by the Dean CDC plays a key role in implementing the Faculty Improvement Programme (FIP) of the UGC. The University departments involve teachers and students (PG, M.Phil. and Ph.D.) of affiliated colleges in all its seminars/conferences/workshops and training programmes. The university as on date has recognized five departments of affiliated colleges for doing research leading to M.Phil./Ph.D. Further, to encourage the research activities, applications are received from UG colleges intending to offer research programmes. The University appoints Inspection Commission to study the infra-structural facilities and availability of qualified guides. Upon receipt of satisfactory report of Inspection Commission and subject to rectification of deficiencies, if any, the department concerned is permitted to conduct research.

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

- **Advancing funds for sanctioned projects**
- **Providing seed money**
- **Simplification of procedures related to sanctions/purchases to be made by the investigators**
- **Autonomy to the principal investigator/coordinator for utilizing overhead charges**
- **Timely release of grants**
- **Timely auditing**
- **Submission of utilization certificate to the funding authorities**

A large part of the administration is given over to support research Purchase committees at the level of department, campus, and the University, with clear procedural guidelines, take autonomous decisions at different financial levels, thereby promoting transparency and accountability, without compromising the needs of the researchers for quick satisfaction of the project requirements. The Coordinator, UGC Unit, Kakatiya University facilitates the administration of research projects in the campus and satellite centers. The monitoring of projects, sanction of advances, and settlement of bills and issue of the Utilization Certificates are handled by the UGC Unit and thus the time delay in implementing the project is avoided.

### **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 (9) interdisciplinary courses such as Bio-chemistry, Biotechnology, Microbiology, Business Management, Social Work, Human Resource Management, Gender Studies, Sericulture, Pharmacy.

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

**Table 3.1. List of workshops/training programmes/sensitization programmes conducted 2008-09**

Sl. No.	Department	Name of the Programme
1	University Post-Graduate College, Khammam	Mineral Resources and Economics Development ,Februay 22,2009
2.	University College of Law	Globalization & Legal Profession” Issues and Challenges, March 2009.
3.	Histroy & MTM	1857- the Role of Pesants, Artisan, Servicing Castes, Tribal and Women, March 2009
4.	Net Coaching Centre	National Elgibility Test) NET Awarness Programme, February 2009
5.	Zoology	Recent Trends in Animal Sciences, March 2009
6.	Telugu	Telugu Ramayanalu- Samaja Sahitya Sanskruthika Konalu, March 2009
7.	Public Administration & HRM	Governance and Rural Resources in India : Experiences and Emerging Concerns
8.	Physics	Recent Advances in Physics, March 2009
9.	Microbiology	Recent Advances in Molecular Biology & Microbial Technology, January, 22-24,2009
10.	Mathematics	MATLAB, GRAPHICS & LATEX, March 2009
11.	Informatics	Data Ware Housing and Data Mining, February, 2009
12.	English	Indian Literature in English Translation, March 2009
13.	Economics	Globalization, Environmental Issues and Challenges, March 2009
14.	Telugu	Kakatiya Sahityam, kalalu, samskruthi, March 2009
15.	Public Administration	Gender and Agriculture Issues, March 2009

**2009-10**

Sl. No.	Department	Name of the Programme
1	Mathematics	5 <sup>th</sup> national Conference on “ Applicable Mathematics in Wave Mechanics and Vibrations” 13 <sup>th</sup> -15 <sup>th</sup> March, 2010
2.	Law	Land Laws in India – Emerging Issues and Challenges, 26 <sup>th</sup> and 27 <sup>th</sup> March, 2010
3.	Political Science	Two-Day National Seminar on “Democracy-India’s Experience” 25 <sup>th</sup> and 26 <sup>th</sup> March, 2010
4.	English	Two-Day National Seminar on “Gendering Indian Narratives”, 22 <sup>nd</sup> and 23 <sup>rd</sup> March, 2010
5.	Zoology	Emerging Trends in Seribiotechnology
6.	Economics	Two-Day national seminar on “Political Economy of special Economic Zones (SeZs)” 25 <sup>th</sup> and 26 <sup>th</sup> October 2009
7.	PG College, Khamma	Regional Inequalities in Andhra Pradesh, 17 <sup>th</sup> March 2010
8.	Centre for Women’s	Two-Day National Seminar on “regional

	Studies	Backwardness vs Women's development", 19 <sup>th</sup> and 20 <sup>th</sup> March 2010
9.	Public Administration & HRM	Two –Day National Seminar on Non-Governmental Organizations and Development in India: Experiences, Issues and Challenges.
10.	Public Administration & HRM	Two-Day National Seminar on Gender & Drought" 22 <sup>nd</sup> 23 <sup>rd</sup> March, 2010
11.	Botany	Two-Day National Seminar on "Plant Sciences in Human Welfare, 3 <sup>rd</sup> and 4 <sup>th</sup> March 2010
12.	Centre for Women Studies	One-Day seminar on "Kaloji jeevitam Sahityam: Prajaswamika Viluvulu " 23 <sup>rd</sup> February 2010
13.	History, PG college,	Two-Day national seminar on "Buddhism-World Harmony and Peace", 12 <sup>th</sup> and 13 <sup>th</sup> September, 2009
14.	Prof. B. Janardhan Rao Memorial Foundation, Wgl	One-Day symposium on "Telangana State formation-issues and challenges" 25 <sup>th</sup> February 2010
15.	Economics	One day Symposium on "Union Budget 2010" on March 15, 2010
16.	Economics	Two-Day national seminar on "Emerging Dimensions of Dry lands farming" 20 <sup>th</sup> and 21 <sup>st</sup> March 2010
17.	Zoology	Two-Day national seminar on "Emerging Trends in Animal Bio-Technology" 26 <sup>th</sup> and 27 <sup>th</sup> March 2010
18.	Microbiology	Two-Day national seminar on "Microbial Diversity- Exploration & Bioprospecting" 27 <sup>th</sup> and 28 <sup>th</sup> March 2010
19.	Telugu	National seminar on "Telangana Samajika, Samskruthika Sahitya Udyamalu" 27 <sup>th</sup> -29 <sup>th</sup> March 2010
20.	Telugu	Two-Day national seminar on "Telangana Telugu Katha" 15 <sup>th</sup> and 16 <sup>th</sup> September 2009
21.	Telugu	Two-Day national seminar on "Koducatiganti Kutumba Rao" 2 <sup>nd</sup> and 3 <sup>rd</sup> November 2009
22.	Chemistry	National Conference on "Green Chemistry-An Innovation To Sustainable Development" 29 <sup>th</sup> and 30 <sup>th</sup> March 2010
23.	Physics	Training programme on Microprocessors, Microcontrollers and Digital Communications for PG Teachers, 2010.
24.	Chemistry	UG Teachers refresher course , 7-14 July, 2009.
25.	Chemistry	National Seminar on Environmentally benign Synthetic Methodologies, 9-10 March, 2009.

### **2010-11**

<b>Sl. NO.</b>	<b>Department</b>	<b>Name of the Programme &amp; Date</b>
1.	Biotechnology	International Conference on "Biotechnology: A Global Scenario" Nov 2 <sup>nd</sup> & 4 <sup>th</sup> 2010
2.	Chemistry	National seminar on emerging trends on sustainable polymer chemistry.

3.	Commerce. & Business Management	National seminar on Corporate Governance in India March 30 & 31, 2011
4.	Economics	Workshop on Empowerment of Women-Role of SHGs & MFIs; Issues, Challenges and Remedies Dec., 2010 & Feb, 2011
5.	Economics	National seminar on Inclusive Growth and Employment Perspective: Focus on NREGS (UGC, SAP-DRS-II) March, 2011
6.	English	UGC National Seminar, 2010
7.	History & MTM	National seminar Regional Identities in South India- A Case of Telangana, 21 <sup>st</sup> & 22 <sup>nd</sup> March, 2010
8.	Mathematics	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
9.	Microbiology	National seminar 26 <sup>th</sup> March 2011
10.	Physics	5-day training Programme on Microprocessor, Microcontrollers and Digital Communications For PG Teacher 13 <sup>th</sup> to 17 <sup>th</sup> July, 2010
11.	Physics	Five-day training Programme for Under Graduate Teachers in Physics 19 <sup>th</sup> to 23 <sup>rd</sup> Oct, 2010
12.	Physics	Two-day workshop on "Nanoscience and Nanotechnology", 2010.
13.	Telugu	Telugu Nandanam -(Students Seminar) 2010-2011
14.	Zoology	Two-day Workshop on "Biological Application of Computers and Bioinformatics" 6 <sup>th</sup> & 7 <sup>th</sup> October, 2010
15.	Zoology	Five-day Workshop on "Tolls and Techniques in Biology" 10 <sup>th</sup> and 15 <sup>th</sup> December, 2010.
16.	Chemistry	National Seminar on Design Eco-polymers for Universal sustenance, 30-31 March, 2011.

### **2011-2012**

Sl. No.	Department	Name of the Programme & Date
1.	Biotechnology	World Congress for Man and Nature, "Global Climate Change and Biodiversity Conservation" 11 <sup>th</sup> Nov, 2011 13 <sup>th</sup> Nov, 2011
2.	Biotechnology	3 <sup>rd</sup> International Conference on Medicinal

		Plants and Herbal Drugs .Dec, 19 <sup>th</sup> to 21 <sup>st</sup> 2011
3.	Botany	2days workshop on advanced techniques in plant sciences for P.G. teachers 12-13 <sup>th</sup> December, 2011
4.	Botany	National Conference on ‘‘Plant Sciences in Human Welfare’’ 29 <sup>th</sup> -30 <sup>th</sup> March, 2012
5.	Chemistry	Designing Eco- Polymers for universal sustenance 30 <sup>th</sup> and 31 <sup>st</sup> March,2012
6.	Chemistry	Chemistry Human well being
7.	Commerce& Business Mgt.	All India Commerce Conference 9 <sup>th</sup> and 11 <sup>th</sup> November,2012
8.	Economics	International Seminar July, 2011
9.	English	Multiculturalism in Indian Literature 19 <sup>th</sup> and 20 <sup>th</sup> March, 2012
10.	Geology	The role of Diamonds and Dynasties (Kakatiyas Koh-I-Noor)- the future status of Golconda (Work Shop, Expert lectures by Prof.V.Madhavan)
11.	Geology	34 <sup>th</sup> International Geological Congress (IGC-2012)
12.	Geology	AOGS-AGU (WPGM) Joint Assembly
13.	History	National Seminar Regional Identities in South India – A case of Telangana 21 <sup>st</sup> and 22 <sup>nd</sup> March 2012
14.	History	Regional Identify and Nation Building in India ‘‘( Focus on Telangana Movement)
15.	Mathematics	Training Programme on Mathematical Programming and Advanced Analysis for PG Faculty of Affiliated colleges of KU 8 <sup>th</sup> to 11 <sup>th</sup> April, 2011
16.	Mathematics	One day Departmental Conference on Multiple Integrals (Paper- III of B.Sc. Mathematics) for UG Faculty of Affiliated Colleges of KU
17.	Microbiology	National Seminar 26 <sup>th</sup> March 2012
18.	Physics	National Seminar on Recent Trends in Solid State Physics, 2012..
19.	Physics	5 days Training Programme on Microprocessors, Microcontrollers and Digital Communications for P.G.Teachers
20.	Political science	Social movements in India Issue &Challenges 2 <sup>nd</sup> and 3 <sup>rd</sup> March,2012
21.	Public Admn.	Workshop on ‘‘Next Gen HR: A Journey of Value Creation 11 <sup>th</sup> January, 2011
22.	Public Admn.	KUHRM Alumni Association Annual Meet & Exposition on ‘‘KUHRMAA- Creating Brand Equity’’ 22ne February 2012.
23.	Telugu	National Seminar on Rendu Dashabdala 1990-2010) Telugu Rachayitraula Sahtiyam, Gamanam, Gamyam
24.	Telugu	National Seminar on Telangana Sahitya

		Sekarana- Adhyayana paddhatulu (under SAP, DRS-I)
25.	SDLCE	Open and Distance Education for the Future Need for Innovation in Teaching –learning Methodologies and Use on New Technologies SDLCE, KU Warangal 26 <sup>th</sup> and 27 <sup>th</sup> March,2011
26	SDLCE	Mental Health and Well being CMR IMS, Bangalore 8 <sup>th</sup> and 9 <sup>th</sup> April, 2011

### **2012-2013**

Sl. No.	Department	Name of the Programme & Date
1.	Biotechnology	International conference on plant Biotechnology in Human Welfare 7 <sup>th</sup> to 9 <sup>th</sup> February, 2013
2.	Biotechnology	International conference on Medical Plants& Herbal products. 6 <sup>th</sup> Sept, 2012 8 <sup>th</sup> Sept, 2012
3.	Commerce& Business Mgt.	Emerging Issues and Challeges of Insurance Sector in India 28-29 March 2013
4.	Economics	1)Two-Day National Seminar on Empowerment of Women Role of SHGs& MFIs: Issues, challenges and Remedies 24 <sup>th</sup> &25 <sup>th</sup> February, 2013 2) 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 <sup>th</sup> &26 <sup>th</sup> February 2013
6..	History	National Seminar on Leather Working Communities of South India: Cultural Heritage and Social transformation, 18 <sup>th</sup> March 2013
7.	Mathematics	National Conference on Applications of Mathematics in Engineering and Industry (NCAMEI-2013) March 26 <sup>th</sup> to 28 <sup>th</sup> 2013
8.	Telugu	1)National Seminar on Feminism in Telugu Jan,2013 2)National Seminar on Gurajada Jeevitha Drukpatham- Sahityam October, 2012
9.	Political Science	1) Challenges and issues in contemporary Indian Politics 30-07-212. 2) Federal Polity- States Re organization, 30-08-2012
10.	Pharmacy	1)A three day International C onference on “Recent Advances in Pharmacetucial Sciences (RAPS-2012)” November 22-24 <sup>th</sup> ,2012 2) one day Seminar on “Recent Advances in

		Medicinal chemistry on 09-10-2012.
11.	Zoology	The Five Day INSPIRE (Innovation in Science Pursuit for Research) Internship Science Camp 2012 from December 18-22 <sup>nd</sup> , 2012.
12.	Physics	A three day national conference on “Advances in Material Science and Technology” November 19-21, 2012.
13.	Centre for Women Studies	A two day National Seminar on “Challenges and Opportunities in the Changing Global Scenario” Marh 22-23, 2013.
14.	English	National Seminar on “Bhakthi Literature and Social Reform” March 20-21, 2013.
15.	Commerce & Business Management	A two National Seminar on “Emerging Issues and Challenges of Insurance Sector in India-A Diagnostic and Perspective approach” March 28 <sup>th</sup> and 29 <sup>th</sup> , 2013.
16.	Microbiology and Sociology	National Seminar on “Genetically Modified Crops and Food Security” February 27-28 <sup>th</sup> , 2013
17..	Engineering	1) A seminar on Embedded systems and space vector Modulation Techniques, January, 2013. 2) 2-day workshop on Robo-vision, August, 2013.
18.	Chemistry	PG Teachers refresher course, 23-30, April, 2012.

**Table 3.2. Details of the academic trips to foreign countries by the faculty:**

Sl.No.	Name of the faculty	Department	Name of the Conference attended
<b>2008-09</b>			
<b>1</b>	<i>Name and Designation</i>	<i>Department</i>	<i>Name of Conference etc, attended with dates/duration</i>
<b>2</b>	Dr. T. Yadagiri Rao Professor	Public Admin. & HRM	2011 International Congress of IAS, Switzerland / July 4 – 8, 2011 / 5 days
<b>3</b>	Dr. A. Seetaram Naik Professor	Botany	Society of In Vitro Biology, USA / June 4 – 8, 2011 / 5 days
<b>4</b>	Dr. Ramesh Ghanta Professor	Education	JVET 9 <sup>th</sup> International Conference: Worcester College Oxford, London / July 8 – 10, 2011 / 3 days
<b>5</b>	Dr. K. Venkat Narayana Professor	Economics	2 <sup>nd</sup> European Research Conference on Microfinance / Groningen, Netherlands / June 16 – 18, 2011 / 3 days
<b>6</b>	Dr. K. Jaganmohan Reddy Professor	Botany	Society of In Vitro Biology, USA / June 4 – 8, 2011 / 5 days
<b>7</b>	Dr. R. Mallikarjun Reddy Assistant Professor	Geology	Asia Oceania Geosciences Society-2011 Conference, Taipei, Taiwan / August 8 – 12, 2011 / 5 days
<b>8</b>	Dr. K. Katayani Professor	Telugu	18 <sup>th</sup> TANA Sahitya Sabha, USA / July 1 – 3, 2011 / 3 days
<b>9</b>	Dr. D. Rajendra Prasad	Education	Society for Information Technology and

	Professor		Teacher Education (SITE) International Conference 2012, USA / March 5 – 9, 2012 / 5 days
<b>2009-2010</b>			
<b>1</b>	Mr. L.P. Raj Kumar Assistant Professor	KU Engineering College	San Francisco USA WCECS 2010, October 20-22, 2010
<b>2</b>	Dr. V. Kishan Professor	Univ. College of Pharmaceutical Sciences	New Orleans, USA, AAPS Meeting and Exposition 2010
<b>3</b>	Dr. N. Ramaswamy Professor	Biotechnology	St. Lious USA, Plant Biotechnology June 6 – 11, 2010
<b>4</b>	Dr. B. Suresh Lal Assistant Professor.	Economics	Orlando USA, Society and Information Technologies : ICSIT 2010 April 6 – 9, 2010
<b>5</b>	Dr. N. Vijaya Professor	Economics	Karlsruhe, Germany, Developing Human Capital for Sustainable Economics May 27 - 28 2010
<b>6</b>	Mr. E. Hari Krishna Assistamt Professor	KU Engineering College	Malaysia, 2010 IEEE-EMBS Conference Nov. 30 <sup>th</sup> to Dec. 2 <sup>nd</sup> , 2010
<b>7</b>	Dr. M. Estari Assistant Professor	Zoology	ICMIB – 2011, China January 14-15, 2011
<b>8</b>	Sri K. Punnam Chander Assistant Professor	University College of Engineering	International Conference *Information and computer Applications (ICICA – 2011), Dubai March 18 – 20, 2011
<b>9</b>	Dr. P. Varalaxmi Assistant Professor	University PG College, Khammam	ICIF 2010, Nepal, December 2 – 3, 2010
<b>10</b>	Prof. G. V. Bhavani Prasad	Commerce and Business Management	Central Michigan University, Pt. Pleasant, Michigan, USA under the Faculty Exchange Programme.
<b>2010-11</b>			
<b>1</b>	Dr. G. Dayakar Professor	Chemistry	International Congress on Heterocyclic Chemistry - August 2 – 7, 2009
<b>2</b>	Dr. T. Krishna Kanth Professor	Political Science	IPSA World Congress – Global Discontent? Dilemmas of Change - July 12 – 16, 2009
<b>3</b>	Dr. K. Seetharama Rao Professor	Public Admn HRM	9 <sup>th</sup> International Conference - June 24 – 27, 2009
<b>4</b>	Dr. M. Ashok Kumar Professor	Economics	The Hawaii International Conference on Social Sciences - June 4 – 7, 2009
<b>5</b>	Dr. C. Veeresham Professor	Pharmacy	AAPS Annual Meeting – 2009 - November 8 – 12, 2009
<b>6</b>	Dr. Y. Prameela Devi Professor	Zoology	TWAS Regional Conference held at Malaysia 2 – 5, November, 2009
<b>2011-12</b>			
<b>1</b>	Prof. G.V. Bhavani Prasad	Commerce & BM	<b>International Entrepreneurship – A Strategic Perspective</b> presented at 11 <sup>th</sup> McGill International Entrepreneurship Conference held at Ottago, New Zealand from December 5 – 8, 2008
<b>2</b>	Prof. G. Damodar	English	<b>Language Theatre for Teaching English</b> presented at 20 <sup>th</sup> Annual Teaching Academic Survival Skills (TASS) held at University of Cincinnati, USA from March 8 – 11, 2009
<b>3</b>	Dr. A. Vinayak Reddy	Economics	<b>Dimensions of Agrarian Crisis in India</b>

			presented at Hawaii International Conference on Social Sciences held at Honolulu, USA from May 29 to June 1, 2008
4	Prof. V. Ravinder	Chemistry	<b>Determination of Chiral Impurity in the Pure and Pharmaceutical formulation of Cinacalcet by HPLC</b> at the 2 <sup>nd</sup> International Symposium on Green Processing in the Pharmaceutical and Fine Chemical Industries held at Yale University, USA on May 29 <sup>th</sup> & 30 <sup>th</sup> , 2009
<b>2012-13</b>			
1	Prof. R. Ram Reddy	Public Admn	ILERA 16 <sup>th</sup> World Conference on Beyond the Borders : Governance of Work, Philadelphia, USA July 2 – 5, 2012
2	Prof. N. Rama Swamy	Biotechnology	4 <sup>th</sup> 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 <sup>th</sup> 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
<b>2013-14</b>			
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 <sup>th</sup> 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 <sup>rd</sup> 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 annum 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 <sup>th</sup> 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 <sup>th</sup> World Congress of International Union of Anthropological and Ethnological Sciences, United Kingdom, August 5 – 10, 2013

### 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. The University always bears the local hospitality expenses for such visitors. Among the several internationally distinguished visitors to the University in the last few years, mention must be made.

**Table. 3.3 List of overseas academics in last five years**

Sl. No.	Name of the Visitor	Department Visited	Purpose of visit
1	Prof. MGk Jhones , Austrailia	Biotechnology	Research
2	Prof. RG. Heremen, Germany	-do-	Research
3	Prof. Autar mattu, USA	-do-	Research
4	Prof. Jaya deep Mathur, Kenada	-do-	Research
5	Prof. J Hille, Netherlnads	-do-	Research
6	Preof. HU,HUKoop, 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 Bianca 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

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

A major share of the University budget is earmarked to promote 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. However, 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. The budget amount under the plan grant for research for the five years is given below

The budget allocated for research is ranging between 0.06 to 0.12. However, the departments are recognised by UGC under SAP and DST-FIST programmes and receiving grants for strengthening infrastructure and research. Further majority of the teachers are receiving financial support from UGC, CSIR, DST, DBT, DRDO, ICSSR, ICHR, etc., to carry out quality research.

**Table 3.4: University Budget for Research Schemes**

Sl. No.	Year	Budget Amount For Research (Rs. In lakh)	Total Budget of Plan and Non-Plan of the University (Rs. In crores)	
			Amount	percentage
1	2009-10	6.3	54	0.116
2	2010-11	6.7	58	0.115
3	2011-12	7.0	92	0.076
4	2012-13	7.2	84	0.082
5	2013-14	7.5	114	0.065

**3.1.8. In its budget, does the university earmark funds for promoting research in its affiliated colleges**

Not applicable

**3.1.9. Does the university encourage research by awarding Post Doctoral Fellowships/ Research Associateships? 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 associateships. However it encourages the research scholars to apply for the fellowships with national and international agencies.

**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**

The Kakatiya University is following a system of paying the full salary (Pay and Allowances) to University teachers for a period of ONE year in the entire service for carrying out post-doctoral research overseas.

**(iii) 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 readily sanctioned on duty leave for the purpose. The University also meets 50% of the expenses related to participation in conferences/seminars as per UGC norms.

**(iv) Autonomy in executing research projects**

Complete academic autonomy is granted to faculty in proposing and executing projects, as well as great deal of financial autonomy. Thus, even 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 un-budgeted contingencies that may arise in connection with the project, or to begin initial exploration of a new area. Every 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 85 seminars /conferences.

**Table 3.6 Conferences / Seminars organized**

<b>Sl. No .</b>	<b>Department</b>	<b>Title of the Seminar/ Conference</b>	<b>Eminent scientists/scholars participated</b>	<b>Sponsoring agency</b>
1	Botany	National Conference on Plant Sciences in Human Welfare, 29-30 <sup>th</sup> March, 2012.		UGC-SAP
2	Biotechnology	International Conference on Biotechnology A Global Scenario, November, 2-4, 2010	Prof. Herman, Prof. MGK.Jones (Australia), Prof. Gabriele Saretzki, Prof. Thomas Von Zglinicki (UK), Prof. Zhang Peng (China), Prof. Jacques Hille (The Netherlands), Prof. Ali Akbar Ehsanpur (Iran)	UGC, DBT, DST, CSIR, BARC, APSCH E
3	Biotechnology	International Conference on Biotechnology in Human Welfare, Feb. 7-9 <sup>th</sup> , 2013	Prof. Dorothea Bortles (Germany), Prof. Susanne S. Renner (Germany) Prof. MGK Jones(Australia), Prof. Peter Medgyesy (Ireland), Prof. Kacques Hille (The Netherlands), Prof. William Gruissem (Switzerland) Omprakaqsh Mittapalli (USA), Prof. Ali Akbar Ehsanpur (Iran), Dr. S. Someswar (USA)	TWAS, Italy, EMBO, Germany, UGC, DBT, DST, CSIR, BARC, APSCH E
4	Economics	Globalization-Environmental Issues & Challenges, 2009.	Prof. K. Purushotham	UGC
5	Economics	Political Economy of Special Economic Zones (SEZs),	Prof. Jean Dreaze	ICSSR

		2009		
6	Economics	Emerging Dimensions of Dryland Farming, 2010	Prof. L. Jalapathi Rao	UGC
7	Economics	Inclusive Growth and Empowerment Perspectives/Focus on NREGS, 2011	Prof. N. Linga Murthy	UGC
8	Economics	Empowerment of Women- Role of SHGs and MFIs: Issues, Challenges and Remedies, 2012	Prof. K. Venkat Narayana	NABARD
9	Economics	Agriculture Growth and Food Security: Challenges in the Era of Globalization, 2012	Prof. Aldas Janaiah	UGC
10	Economics	Effects of FDI in Retail Markets vis a vis Agriculture, 2013	Prof. J. Manohar Rao	UGC
11	English	Multiculturalism in Indian Literature 19-20, March, 2012		
12	English	National Seminar on Bhakti Literature and Social Reform, 20-21 March, 2013.		
13	Education	National Seminar on Role of Information & Communication Technology in Education in the context of Globalization, 2-3, August, 2013		APSCH E
14	History	National Seminar on 1857- the role of peasants, artisans, servicing castes, tribal's and women, 7-8 March, 2009		ICHR
15	History	National Seminar on Regional Identities in South India-The case of Telangana, 21-22 March, 2010		UGC-SAP
16	History	National Seminar on Regional Identities and Nation Building Focus on Telangana Movement, 21-22 March, 2011		UGC-SAP
17	History	National Seminar on Water Management in Andhra Pradesh through the Ages, 25-26 February, 2013		UGC
18	History	National Seminar on Leather working communities of south India:		ICHR

		Cultural Heritage and Social Transformation, 17-18, March, 2013		
19	History	National Seminar on History, Culture, Art and Architecture of Kakatiyas, 29-30 October, 2013	Prof. Kanakanala Rathnaiah Dr. Giriappa Kollannavar Prof. Y.A.Sudhakar Reddy	UGC
20	History	National Seminar on Deccan States and their relations with Iran (Diplomatic, Economic and Cultural), during 16-18 Century, 29-30 November, 2013udies	Mr. Mehdi Hassankhani, Iran Dr. KSAM. Ishrat Alam Prof. O Anantha Ramaiah	UGC
21	History	National Symposium on Teaching History-Problems and Perspectives, 21-22 March, 2014.		UGC
22	Mathematics	National Conference on Applicable Mathematics in Wave Mechanics and Vibrations, 13-15 March, 2010	Prof. B.G.Sidharth, Dr. B.V.Reddy, Prof. M. Tajuddin Prof. Kamasunder Rao Prof. TKV.Iyenger	NBHM , DAE, DST, UGC, APSCH E
23	Mathematics	National Conference on Applications of Mathematics in Engineering and Industry, 26-28 March, 2013	Prof. Victor Babu, Prof. Y.N.Reddy, Prof. Radhakrishnama Charya, Prof. KLAP. Sharma Prof. N.Bhaskar Reddy	UGC, APSCH E
24	Microbiology	National Seminar on Recent trends in Molecular Microbiology and Microbial Technology, 22-24 January, 2009		UGC, DST,D BT, CSIR, APCOS T, APSCH E
25	Microbiology	National Seminar on Microbial Diversity- Exploration @ Bioprospecting, 27-28 March, 2010.		UGC

26	Microbiology	National Seminar on Recent trends in Microbial Technology, 26-27 March, 2011		UGC-SAP, CSIR, DBT
27	Microbiology	National Seminar on Challenges, opportunities and Emerging Trends in Microbial Technology, 26-27 March, 2012		UGC-SAP, CSIR, DBT.
28	PublicAdministration	National seminar on “Governance and Rural Resources in India: Experiences and emerging concerns”, 2010.		UGC
29	PublicAdministration	Two-Day National seminar on “Non Governmental Organizations and development in India: Experiences, Issues and challenges 2009		UGC, ICSSR
30	PublicAdministration	National seminar on “Gender Challenges and Opportunities in India” 2010.		UGC
31	PublicAdministration	National seminar on “Gender and Agriculture 2010.		UGC
32	PublicAdministration	Symposium on “Global Warming and Its Impact on India” 2008.		IIPA
33	PublicAdministration	symposium on “Recent Trends in HR and Challenges 2010.		UGC
34	PublicAdministration	national seminar on “Building Positive Employment Relations in India – The way forward”, 28 & 29 <sup>th</sup> July, 2013.		UGC, IIRA, ICSSR
35	PublicAdministration	National seminar on “Liberalization Policies and Governance Reforms in India, 2014		UGC
36	Pharmacy	International Conference on Recent Advances in Drug Discovery, 22-24 October, 2010	Dr. Wolfgang Schuehly, Austria, Prof. D.Venkata Rao Prof. MR. Yadav	APSCH E, DST, Industry and Private

				Pharmacy colleges.
37	Pharmacy	International Conference on Recent Advances in Pharmaceutical Sciences	Prof. Gert Fricker, Germany Dr. Jorg Kreuter, Frankfurt, Germany Dr. Ramakrishna Samala, USA Dr. Panchagnula Ramesh, Hyderabad, Dr. Veeranjanyuly, Mumbai Dr. Thrimoorthy Velpandian, New Delhi.	Industry and Private Pharmacy Colleges
38	Telugu	National Seminar on Kakatiyula Samrajyam : Sahityam – Kalalu – Samajam, 2009		UGC-SAP
39	Telugu	National Seminar on Telangana Samajika Samskruthika, Sahitya Udyama , 2010		UGC-SAP
40	Telugu	National Seminar on Rendu Dashabdala (1990-2010) Telugu Rachayitraula Sahityam, Gamanam, Gamyam, 2012		UGC
41	Telugu	National Seminar on Telangana Sahitya Sekarana – Adhyayana Paddhatulu, 2012		UGC-SAP
42	Telugu	National Seminar on Gurajada Jeevitha Drukpatham – Sahityam, 2012		
43	Telugu	National Seminar on Feminism in Telugu, 2013		
44	Telugu	National Seminar on Jashuva Sahitya Tathvam –		

		Samakale, 2013		
45	Telugu	National Seminar on Telangana Sahitya Charitra , 2014		
46	Zoology	National Seminar on “Recent trends in Animal Sciences” – 12 <sup>th</sup> to 13 <sup>th</sup> March, 2009.		
47	Zoology	National seminar on “Emerging trends in animal biotechnology”- 26 <sup>th</sup> to 27 <sup>th</sup> March, 2010		
48	Zoology	Science academies lecture Work shop on Uses of Recombinant DNA Technology in modern health, 2012		Indian Academy of Sciences (Bangalore).
49	Zoology	How do we sequence our DNA- past, present and future, 2012	Dr. Ch. Mohan Rao, Director, CCMB	AP science academy.
50	Zoology	National science Day: 28-02-2013	R. Umma Reddy	
51	Zoology	National seminar on New Frontiers in Animal Sciences, 2013.	Prof. N. Chary, Dr. Y. Venkata Ramana, IICT, Hyderabad	
52	Physics	National Seminar on Recent trends in Solid State Physics, 2012	Dr. Satyanarayana, DRDO, Prof. Bhimasankaram, Prof. D.Narayana Rao, UoH	UGC
53	Physics	National Conference on Advances in Materials Science and Technologies, 2012	Prof. Gadkari, BARC Prof.S.Ram, IIT, Kharagpur, Prof. Ramana, IISC, Bangalore	DST, DRDO, CSIR, APSCH E, APCOS T, DAE, MoES
54	Political Science	National Seminar on Democracy: India’s Experience		UGC

55	Political Science	National Conference on Social Movement in India Issues and Challenges		UGC
56	Political Science	National Seminar on Challenges and Issues in Contemporary Indian Politics		UGC
57	Political Science	National Seminar on Federal Polity-Stats Reorganization		UGC
58	Commerce and Business Management	National Seminar on Emerging Issues and Challenges in Insurance Sector in India.		SAP-DRS
59	Commerce and Business Management	National Seminar on Emerging Dimensions in Corporate Governance-A Diagnostic and Prescriptive Approach		SAP-DRS
60	Chemistry	National Seminar on Environmentally benign Synthetic methodologies in Chemistry.		UGC
61	Chemistry	National Conference on Green Chemistry, an innovation to sustainable development		UGC
62	Chemistry	National Seminar on Design Eco-polymers for universal sustenance		UGC.
63	Chemistry	National seminar on emerging trends on sustainable polymer chemistry.		UGC

### 3.2. Resource Mobilization for Research

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

##### (i) Research starter grant

A research starter grant of rupees two lakhs is given to all newly recruited faculty members. This encourages them to plan their very first project without having to think about the funding. The UGC is also providing starter grant of Rs. 7.0 lakhs to the newly recruited faculty. The ideas and experience thus gained helps them make larger proposals to various funding agencies. Encouragement to obtain extramural project funding is given to all faculties. The University provides financial assistance for submission/ presentation of the new project proposals.

## **(ii) Research support for students**

Most courses in the University have a strong research orientation, with small research projects forming an integral part of the training of post-graduate students. The University also offers Ph.D. and M.Phil programmes. Admission to Ph.D. programmes are made in January/April/July/October sessions through an entrance test. The research progress of the scholars is monitored by a doctoral committee at the department level and the Board of Research Studies at the University level. Students are also given travel grant to participate and present papers in international conferences and there is a budget provision of Rs. 10 lakhs per year for this scheme. The Basic Science Research (BSR) scheme is providing financial support to conduct small research projects in science departments. Biotechnology Consortium India Limited (BCIL) conduct examinations every year and select the students for on job training for six months with financial support.

## **(iii) Earn while you learn scheme**

The students are involved in mushroom cultivation, vermin composting and silk worm rearing and procure the products and inturn it is commercialized, which is resource of income for the students while their studies.

## **(iv) University research fellowship (URF)**

In addition to this, the Kakatiya University provides fellowships to research scholars (URF) from its own funds. The University has created 70 Research Fellowships with a total expenditure of Rs 2.0 lakhs in the review period. These fellowships allow candidates who do not get other funds to pursue Ph.D programmes.

## **(v) Post-doctoral Senior/Junior research fellowships (JRF/URF)**

Three faculty members were awarded post doctoral fellowship by the UGC. There are 160 (JRF 80, SRF 10 and URF 70) Ph.D scholars conducting research with funding support from the UGC and University.

## **(vi) UGC/DST appointees: NIL**

### **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?**

In addition to the UGC departmental programmes, most of the faculty members of the University have mobilized funds individually to execute specific research projects in their particular areas of expertise in various disciplines. A total of 134 individual research projects have been sanctioned to the faculty members by agencies of the state government, union government, private trusts, and international agencies. Of these 134 are new or ongoing projects that began in the period under review. 65 projects were completed during this period. In 03 cases it is more that Rs.50 lakhs, in 80 cases the budget is between 10-50 lakhs. In the other 50 projects the budget is less than Rs.10 lakhs. Faculty members have been sanctioned major and minor research projects by, among others, the following agencies of the Government of India: UGC, CSIR, DST, , DBT, ,ICMR, ICSSR,. State funding agencies like APCOST have also funded some projects. The grand total of all research grants, both departmental and individual, received during the review period is over Rs. 60 crores. This does not include research projects sponsored by business or industrial organizations, which are discussed in the following sections.

### List of patents registered and accepted: 09

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, Indian Patent Application No. 41/DEL/2008 submitted on 04-01-2008; Complete specification Filed on 30 / 12 / 2008.
3. Novel Tetrahydroquinolines as Aromatase Inhibitors, PCT Request No. PCT/IN/2009/ 000002, Dated 02/01/2
4. New Thienopyridines as Pharmacologically active Agents through DST (TIFAC) [Provisional patent application], Indian Patent Application No. 10/DEL/2009 dated 05/01/2009.
5. New Thienopyridines as Pharmacologically active Agents. through DST (TIFAC) [Provisional patent application], PCT Request No. PCT/IN/2010/000004 Dated 04/01/2010.
6. 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]
7. Shayeda and Yamsani Madhusudan Rao. "Herbal Anti-Acne topical cream" filed on 20.02.2009. Published on 06.03.2009. No: 372/CHE/2009A
8. Shayeda and Yamsani Madhusudan Rao. "Herbal Depigmentation topical cream" No: 1403/CHE/2009.
9. 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.

### 3.2.3. Provide the following details of ongoing research projects of faculty

Table. 3.7. List ongoing research projects

Sl. No.	Name of the Investigator	Number and Name of the project	Name of the funding agency	Total Grant received
	<b>Minor Projects (less than 2 lakhs)</b>			
1	Dr. T. Savita Jyostna (Minor) Department of Chemistry	Excess Thermodynamic and Transport Properties of Binary Mixtures of Sulfolane with Alcohols, Ketones and Amines at 308.15 K	UGC	130000
2	Dr. S. Ramanna	Photo Chemical Reactions of Biologically Active Metabolites	UGC	195000

	(Minor) Department of Chemistry	of Fungi and Higher Plants.		
3	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)	ICDS	130000
4	Dr. M. Pushpa Latha Economics	Adverse Effects of HIV/AIDS on Women Empowerment – A Study of Selected Villages in Khammam District	UGC	137000
5	Prof. V. Kishan Pharmacy	Preliminary Pharmaceutical Investigations on the excipient characters of the gum of bombax ceiba L No.09/APCOST/Res.Projects/2012-13, 21-12-2012	APCOS T Hyd	146000
	<b>Major Projects</b>			
1	Dr. B. Ailaiah Department of Telugu	Telugu Sahityam Pai Mahatma Gandhi and Dr. B.R. Ambedkar Prabhavam No.5-7(6)/2008 (HRP) dt. 24-12-2008	UGC	461200
2	Prof. K. Katyayani Department of Telugu	Women's Literature in Telugu (1900-1950) F. No. 5-7(7)/2008 (HRP) dt. 24-12-2008	UGC	613700
3	Dr. P. Sambaiah Department of Pub. Admn.	Primary Education in Andhra Pradesh : A Study F. No. 5-7(4)/2008 (HRP) dt. 24-12-2008	UGC	436200
4	Prof. G. Sudarshan Department of Economics	Impact of Women Self-Help Groups in the Economic Development of Andhra Pradesh – A Study F. No. 5-7(2)/2008 (HRP) dated 24-12-2008	UGC	799000
5	Prof. M. Subrahmanya Sarma Department of Com. & BM	Corporate Restructuring strategies and Financial Health of Public Enterprises – A Study No.5-36(2)/2009 (HRP) dt. 31-03-2009	UGC	615200
6	Dr. T. Satyanarayana Department of Pub. Admn.	Universal Primary Healthcare Policy – A Study in Andhra Pradesh F. No. 5-7(5)/2008 (HRP) dt. 24-12-2008	UGC	526200
7	Prof. G. Rajaiah Department of Economics	Rich Products and Hungry Lives : Predicament of Handloom Weavers in A.P. (A Study in Telangana Region) F. No. 5-7(3)/2008 (HRP) dt. 24-12-	UGC	423700

		2008		
8	Dr. V. Krishna Reddy Department of Botany	Studies on incidence and management of mycotoxins in poultry feeds in Warangal District (A.P.) F. No. 34-187/2008 (SR) dt. 30-12-2008	UGC	818800
9	Prof. V. Ravinder Department of Chemistry	Designing of Novel Macrocyclic Metal Complexes: New vistas in the Drug Catalysis. F. No. 34-363/2008 (SR) dt. 30-12-2008	UGC	1007800
10	Prof.N. Satyanarayana Department of Chemistry	Thermodynamic investigaiton of solutions of Acetylcholine system drug (Acetylcholine. Bethanechol and carbachol) at various temperatures.	UGC	350000
11	Dr. P. Malla Reddy Department of Mathematics	Propagation of Waves in Cylindrical Compact Trabecular Bone Filled with Marrow. F. No. 34-141/2008 (SR) dt. 30-12-2008	UGC	532800
12	Dr. S. Ram Reddy Department of Microbiology	Molecular identification of arbuscular Mycorrhizal fungal species based on rDNA repeats and amplified fragment length polymorphism (AFLP). F. No. 34-239/2008 (SR) dt. 30-12-2008	UGC	1062800
13	Prof. P. Venkat Reddy Department of Zoology	Cytogenetical Studies on Digenetic Trematodes of Fresh Water Fishes.	UGC	596700
14	Dr. N. Kusuma Department of Commerce	Management of Change in Banking Sector – A Study of Selected Banks	UGC	509200
15	Dr. A. Sadanandam Department of Botany	Developing plastid transformation system for expansion of mustard annexin gene in tomato for engineering abiotic stress tolerance No.36-126/2008 (SR) dt. 28-03-2009	UGC	1079800
16	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 derivatiges F. No. 36-127/2008 (SR) dt. 26-03-2009	UGC	769800
17	Dr. B. Digamber Rao Department of Botany	Antifungal and Antibacterial activity of Nitrogen fixing paddy fields Cyanobacteria No.36-128/2008 (SR) dt. 28-03-2009	UGC	476800

18	Dr. S. Girisham Dept. of Microbiology	Incidence Toxicology and Management of Mycotoxigenic Penicillia in foods and feeds F. No. 36-129/2008 (SR) dt. 28-03-2009	UGC	1097800
19	Dr. Neerati Prasad Department of Pharmacy	Absorption kinetic study of P-Glycoprotein drug substrated by perfusion technique using Rat model No.36-130/2008 (SR) dt. 26-03-2009	UGC	624800
20	Dr. M. Surekha Dept. of Microbiology	Investigations on the Incidence and characterization of Mycotoxigenic Fungi and Mycotoxins on Paddy and their Management F. No. 36-131/2008 (SR) dt. 26-03-2009	UGC	764800
21	Dr. K. Jaganmohan Reddy Department of Botany	Development protocols for micropropagation of Euphorbia fusiformis buch – Ham ex.D.Don., A Rare Medial Plant F. No. 36-132/2008 (SR) dt. 26-03-2009	UGC	744300
22	Prof. Veerabhrama Kishan Department of Pharmacy	Development of lipid nano emulsions for tumor targeting No.36-133/2008 (SR) dt. 26-03-2009	UGC	930800
23	Dr. Ciddi Vireesham Department of Pharnacy	Hepatoprotective agents from Cell and Genetically transformed cultures of picrrrhiza kuroo No.36-134/2008 (SR) dt. 26-03-2009	UGC	896800
24	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 F. No. 36-135/2008 (SR) dt. 26-03-2009	UGC	907800
25	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
26	Prof. K. Sayulu Commerce & BM	Impact of Organized Retailing in India – A Study No.F.5-36(7)/2009(HRP) dated 31-3-2009	UGC	492200
27	Prof. K. Raji Reddy Commerce & BM	Changes in Rural Consumer Behaviour for Agro Inputs in A.P. – A Study of Selected districts No.F.5-36(6)/2009(HRP) dated 6-4-2009	UGC	436000
28	Dr. P.	Telangana Popular Culture through	UGC	375600

	Sadanandam History	Folk Arts No.F.36-(1)/2009(HRP) dated 31-03-2009		
29	Dr. T. Dayakar Rao History	Trade and State craft in Medieval Andhra : A Reappraisal (600-1600 AD)	UGC	238000
30	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 No.5-36(2)/2009 (HRP) dt. 31-03-2009	UGC	471200
31	Prof. Ch. Rajesham Commerce & BM	Customer Value management in State Transport Undertakings – a Study of Selected undertakings No.F.5-36(3)/2009(HRP) dated 6-4-2009	UGC	470200
32	Prof. N. Vijaya Economics	Women Entrepreneurship and Women Empowerment : A Study in Telangana Region No.5-36(5)/2009 (HRP) dt. 31-03-2009	UGC	507700
33	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 nput Traffic	DST	875280
34	Dr. Ciddi Veeresham Pharmacy	Therapeutic Agents Cell and Genetically Transformed cultures Toddalia Asiatica	AICTE	1370000
35	Prof. V. Kishan Pharmacy	Drug Targeting – Development of Nano/Submicron Lipid Emulsions as Novel Drug Delivery Systems	AICTE	1800000
36	Dr. K. Seetharama Rao Public Admin. & HRM	Management of Tank Irrigation in Andhra Pradesh : A Study of Three Regions F. No. 5-569(3)/2009 (HRP) dt. 07-01-2010	UGC	522200
37	Prof. K. Venkat Narayana Economics	Micro Solution for Macro Problem Role of Microfinance for Rural Development (An Empirical Study in Telangana) F. No. 5-569(2)/2009 (HRP) dated 07-01-2010	UGC	644200
38	Prof. Ch. Balaramulu Public Admin. & HRM	Urban Governance and Public – Private Partnership in Andhra Pradesh : Select Study of Municipal Corporations F. No. 5-569(1)/2009 (HRP) dt. 07-	UGC	913000

		01-2010		
39	Dr. A. Vinayak Reddy Economics	The Status of Rural Artisans A Paradigm Shift in Globalisation Dynamics – A Study in Andhra Pradesh	UGC	765200
40	Dr. Banala Nagaraj Pharmacy	Studies on Pharmacokinetic and Pharmacodynamic interactions of ashwaghandha with allopathic drugs	UGC	185000
41	Prof. M. Krishna Reddy Zoology	Anti-HIV activity of the extracts of fresh water mussels ( <i>Lemellidens marginalis</i> ) F.No.37-236/2009(SR) dated January 12, 2010	UGC	672800
42	Dr. M. Estari Zoology	Studies on anti-HIV of the extracts fresh water mussels ( <i>Lemellidens marginalis</i> ) extracts F.No.37-238/2009(SR) dated January 12, 2010	UGC	503200
43	Dr. T. Ravinder Reddy Zoology	Ecological Studies and Plankton diversity in certain lentic waterbodies of Warangal District (AP) F.No.37-240/2009(SR) dated January 12, 2010	UGC	1147800
44	Dr. Md. Mustafa Botany		UGC	764000
45	Dr. T. Christopher Biotechnology	DNA Profiling of chilli pepper ( <i>Capsicum annum</i> ) using RAPD-PCR F. No. 37-239/2009 (SR) dt. 12-01-2010	UGC	996800
46	Prof. E. Revathi Economics	Land Access to Women and Women Empowerment under Different Situation in Andhra Pradesh	ICSSR	650000
47	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
48	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
49	Dr. Estari Mamidala Zoology	No. BT/PR13370/GBD/27/254/2009 dt. 31-05-2010	DBT	581000
50	Dr. Sammaiah Pharmacy	Studies on Cancer and Human Immunodeficiency Virus Type-1 (HIV-1) Protease inhibition by some	DBT	1024000

		Indole Derivatives No. BT/PR13314/GBD/27/249/2009 dt. 01-06-2010		
51	Prof. A. Sadanandam Biotechnology	Developing plastid transformation system for expression of defensin gene in Capsicum annum L No.SR/SO/BB-011/2010 dated 30-09-2010	DST	5255118
52	Dr. K. Mohan Reddy Economics	Significance of Minor Forest Produce in Tribal Economy – A Micro Level Study F.No.5-109/2010(HRP) dated 05-01-2011	UGC	551200
53	Dr. G. Bhaskar Economics	Status of Urban Informal Sector in India – A Study in Andhra Pradesh F.No.5-85/2010(HRP) dated 05-01-2011	UGC	576200
54	Dr. T. Yadagiri Rao Public Administration	Development, Displacement and Rehabilitation in Tribal Areas with Special Reference to Mining and Irrigation Dams in Andhra Pradesh F.No. 5-160/2010(HRP) dated January 25, 2011	UGC	662000
55	Dr. P. Narendra Babu Public Administration	Administration of Tribal Education Programmes with reference to Girl Education in Andhra Pradesh – A Study F.No. 5-158/2010(HRP) dated January 24, 2011	UGC	653700
56	Prof. V. Shobha Public Administration	Empowerment of Women Sarpanches at Gross-Roots Governance – A Case of Andhra Pradesh. F.No. 5-161/2010(HRP) dated January 25, 2011	UGC	656700
57	Dr. A. Venkateswar Rao Dept of. Biotechnology	Genetic engineering for anthracnose disease resistance in chilli pepper using defensin gene (TcD1) 39-297/2010 (SR)	UGC	1016800
58	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 39-300/2010 (SR)	UGC	874300
59	Dr. Podeti Srinivas Dept of. Biotechnology	Mass production, evaluation and commercialization of bioinoculants for agroforestry nurseries 39-302/2010 (SR)	UGC	1001800
60	Dr. A. Seetaram Naik	Selection of elite biotypes of terminalia species using PCR	UGC	709800

	Dept of. Botany	based markers and their conservation through in vitor micropropagation 39-412/2010 (SR)		
61	Dr. P. Venkataiah Dept of. Microbiology	Genetic transformation of chilli pepper Capsicum annum L. with chitinase gene for fungal disease resistance 39-222/2010 (SR)	UGC	959800
62	Dr. Yellu Narimha Reddy Dept of. Pharmacy	Population pharmacokinetics and clinical response of some cardiovascular drugs in Indian patients 39-177/2010 (SR)	UGC	809800
63	Dr. Shayeda Dept of. Pharmacy	Design and evaluation of buccal drug systems 39-179/2010 (SR)	UGC	971800
64	Dr. Y. Venkaiah Dept of. Zoology	Study of esterases in paratiod gland secretions of the toad (Bufo melanostictus) 39-596/2010 (SR)	UGC	831800
65	Dr. Ch. Sammaiah Dept of. Zoology	Ecological impacts of Bt cotton on soil biodiversity 39-597/2010 (SR)	UGC	753800
66	Dr. Veluri Sreedevi Telugu	Telangana Telugu Katha – Vekasam F.No. 5-483/2010(HRP) dated March 4, 2011	UGC	486200
67	Prof. S. Srinath History	Constructing Business History of a Pre-Colonial state in India –The Case of Princely state of Hyderabad, 1724-1956 F.No.5-558/2010(HRP) dated 19-05-2011	UGC	276100
68	Dr. Y. Prameela Devi Zoology	Development of biosensors for Environmental Monitoring of Endocrine disrupting chemicals F. No. 39-341/2010 (SR)) dt. 10-01-2011	UGC	963800
69	Dr. G. Shamitha Zoology	Molecular Characterization of tasar silkworm, Antheraea mylitta BT/PRI13300/PBD/19/206/2009 dated 27-05-2011	DBT	2933000
70	Dr. K. Sujatha, Dept. of Sericulture	Effect of essential oils of plant origin against bacterial diseases and the biological performance of silkworm F.No.40-39 /2011(SR) dated June 29, 2011	UGC	997800
71	Dr. G. Dayakar, Dept. of Chemistry	Synthesis and antimicrobial activity of pyridoimidazole derivatives F.No. 40-52 /2011 (SR) dated July 5, 2011	UGC	877800
72	Dr. K.	Evaluatoin of selective	UGC	1029300

	Mamatha Dept. of Chemistry	metalloorganic entities for potential biomedical applications F.No.40-87/2011 (SR) dated July 5, 2011		
73	Dr. Srinivas Munjam, Dept. of Microbiology	Biomass and Bio-energy (H2) production by anoxygenic phototrophic bacteria: An alternative energy source F.No.40-120 /2011(SR) dated July 4, 2011	UGC	914,800
74	Dr. E. Sujatha, Dept. of Microbiology	Isolation, Screening, optimization and strains improvement of thermophilic fungi for Cellulase production F.No.40-126 /2011(SR) dated July 4, 2011	UGC	884800
75	Dr. Gade Sammaiah, Pharmaceutical Sciences	Synthesis and evaluation of new indole derivatives for anticancer, and antioxidant activities F.No. 40-272/2011(SR) dated 29-06- 2011	UGC	1078800
76	Dr. Garlapati Achaiah, Dept. of Pharmacy	Synthesis of some new 1,4- dihydropyridine derivatives and anti-microbial, anti-tumor and MDR (Multi-Drug Resistance) reversal agents 40-273 /2011 5	UGC	965300
77	Dr. K. David Dept. of Geology	Petrological and geological investigation on Alkali syenite intrusives of pulikonda nad dancherla, Anantapur District, Andhra Pradesh : An insight into lithospheric evolution of Eastern Dharwar Craton 40-306 /2011 16 dated 30-06-2011	UGC	799800
78	Dr. E. Narayana Dept. of Zoology	Limnological studies on fresh water fauna in Pakhal lake of Pakhal wildlife sanctuary, Warangal, AP 40-363 /2011 21	UGC	706800
79	Prof. M. Swamy Dept. of Zoology	Ecological studies and plankton diversity in certain lentic waterbodies of Adilabad District. AP F.No.40-393 /2011 (SR) dated 05- 07-2011	UGC	592800
80	Dr. T. Sumathi Umamaheshwa ri Mathematics	Reliability study for redundancy of cascade systems – A Markovian Approach F.No.4-249/2011(SR) dated 11-07- 2011	UGC	551800
81	Prof. M.A. Singara Charya,	Biodiversity of Macro Fungi in Andhra Pradesh : Application in Paper and Pulp Industries for	Min. Env. & For.	1312800

	Microbiology	Biobleaching and Biopulping F.No.19-17/2010-RE dated 25-0-2011		
82	Dr. Y. Venkaiah Zoology	Research Award	UGC	
83	Dr. R. Mallikarjun Reddy Geology	Petro-minerological and Geochemical Studies to identify rare metal and rare earth rich phases in Prakasam Province, Andhra Pradesh No.2011/36/61-BRNS/2210 dated 08-12-2011	DAE	2801000
84	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 No.SR/S1/IC-31/2011 dated 07-02-2012	SERB	3319000
85	Prof. Ciddi Veeresham Pharmacy	Production of cutomers using biocatalytic strategies for antihypertensive drugs No.SR/S0/HS/0087/2010 dated 27-02-2012	DST	2826000
86	Prof. Ciddi Veeresham Pharmacy	Pharmacokinetic and Pharmacodynamic interaction of Herbal Medicines with Oral Hypoglycemic Agents No.8024/RIFD/MOD-294/2011-12 dated 19-12-2011	AICTE	1500000
87	Dr. P. Indrasena Reddy Commerce	Commerce Marketing Strategies of Dairy Cooperatives In A. P.- A study of select Units F. No. 5-38/2012 (HRP) dated 25-07-2012	UGC	694600
88	Dr. K. Venkat Janardhan Rao Commerce	Commerce Risk Management in Banking Sector through ALM Practices - A Select study F. No. 5-39/2012		440000
89	Dr. P. Varalaxmi Commerce	Commerce Women Entrepreneurship in Andhra Pradesh- A Regional Comparison F.No. 5-44/2012		303500
90	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 F. No. 5- 345/2012 (HRP) dated 08-08-2012	UGC	549800
91	Dr. S. Radha Krishna	Economic Conditions of Tribal Labourers - A Comparative study of	UGC	734800

	Economics	Major Tribal Groups in the Agency Areas of Andhra Pradesh F. No. 5-420/2012 (HRP) dated 7-8-2012		
92	Prof. K. Manuja Devi Economics	SHGs and Empowerment of Rural Women- A study in two Districts of Telangana Region in Andhra Pradesh F. No. 5-406/2012 (HRP) dated 22-08-2012	UGC	845100
93	Dr. K. Purushotham English	English Dalits in Recent Indian English Novel Emergence of a New Genre F. No. 5-527/2012	UGC	872500
94	Dr. K. Chokkaiah Public Administration	Participatin of Tribals in Development Programmes- An Emperical study in Telangana Retion of A.P. F. No. 5-287/2012(HRP) dated 31-07-2012	UGC	290000
95	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 F. No. 5-656/2012	UGC	494800
96	Dr. Panthangi Venkateswarlu Telugu (Arts College)	Telangana Navala-Sthanikatha-Samskrtika, Rajakeeya Astitva Chitrana F. No. 5-161/2012	UGC	520000
97	Dr. Gouda Rajender Zoology	Screening of riboflavin binding protein (Rfbp) from avian Eggs to Screen their Anti-cancer activity F.No.41-98/2012 (SR) dated 13-07-2012	UGC	1050800
98	Prof. Ch. Sanjeeva Reddy Chemistry	Synthesis and biological evaluation of adamantyl linked pyrrolo [2,1-c] [1,4] benzodiazepines and pyrrolo[2,1-n] quinazolinone conjugates as DNA binding and potent cytotoxicity F.No.41-287/2012 (SR) dated 13-07-2012	UGC	1063800
99	Dr. Vatsavaya 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 No.F.41-407/2012 (SR) dated 16-07-2012	UGC	1420000
100	Dr. T. Shasthree Biotechnology	Micropropagation and genetic transformation through agrobacterium rhizogenes for enhanced production of potential alkaloids in Citrullus cococynthis (L.) Schard	UGC	1208300

		No.F.41-530/2012 (SR) dated 17-07-2012		
101	Dr. B. Venkatram Reddy Physics	Vibrational spectroscopic investigations and density functional theory DFT calculations of some biomolecules No.41-960/2012(SR) dated 26-7-2012	UGC	1145800
102	Prof. M. Sarangapani Pharmacy	Development Of New Bisisatin Derivative As Dna Intercaltors For Anti-Cancer Activity F.41-759/2012 (SR) dated July 23, 2012	UGC	1495800
103	Dr. P. Venkataiah Microbiology / 2 JRF for first 2 years and will be upgraded to SRF in 3 <sup>rd</sup> year	Genetic Transformation of Turmeric ( <i>Curcuma longa</i> L.) with AtNPR1 gene and evaluation of transgenic plants for broad-spectrum disease resistance No.BT/PR3732/NDB/39/215/2011 dated 05-07-2012	DBT	4281940
104	Dr. T. Raja Komuraiah Microbiology	Diversity of microbial population from underground coal-mine soils of Andhra Pradesh, India No.SR/FT/LS-13/2012 dated 10-09-2012	SERB, DST	2145000
105	Dr. M. Estari Zoolgoy	In vitro study on anti-HIV activity of some medicinal plants used by tribal people of Adilabad District, Andhra Pradesh	APCOS T	220000
106	Dr.K. Raji Reddy Commerce	Role of Public Distribution System in Sustainable Rural Development and Inclusive Growth – A Study F.No.5-260/2013(HRP) dated 13-03-2013	UGC	654000
107	Dr. L.P. Raj Kumar Mathematics	Performance study of optical switch (OPS) internet traffic employing wavelength conversion Matrix-geometric solutions	UGC	276000
108	Dr. T. Savitha Jyotsna Chemistry	Environmentally benign click chemistry reacatins - synthesis of novel 1,4 disubstituted 1,2,3 riazoles F.No.42-372/2013(SR) dated 25-03-2013	UGC	950800
109	Dr. G. Shamitha Zoology	Studies on genetic diversity and breeding of tasar silkworm antheraea mylitta F.No.42-528/2013(SR) dated March 22, 2013	UGC	1295800
110	Dr. D. Sakriya Commerce	New Issues Market reforms- A study on Investors Behaviour in Andhra Pradesh	UGC	798600

		F.No.5-259/2013(HRP) dated March 13 <sup>th</sup> , 2013		
111	Dr. R. Bharavi Sharma Mathematics	Applications of coefficient inequalities of univalent analytic and multivalent functions (Arts College)	UGC	906800
112	Dr. Srinivas Munjam Dept. of Microbiology	Strain improvement strategies in anoxygenic phototrophic bacteria for enhancement of bio-fuel (H <sub>2</sub> ) No.SB/FT/LS-231/2012 dated March 15 <sup>th</sup> , 2013	DST, SERB	2230000
113	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
114	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	DST, SERB, EEOES	3226000
115	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 <sup>th</sup> , 2013	DAE-BRNS	2373500
116	Prof. K. Murali Manohar Dr. G. Sudhakar SDLCE	The Status and Position of OBC Artisan and Service Castes in Southern India - A Study of Andhra Pradesh, , Karnataka and Tamil Nadu F.No.RESPRO/39/ICSSR/2013-14/RPS dated 28-09-2913	ICSSR	2500000
117	Prof. K. Purusotham English	Dalits and Anti-Colonial Struggles in South Inida : A Literary Perspective No.RESPRO/52/ICSSR/2013-14/RPS dated 05-10-2013	ICSSR	2000000
118	Prof. T. Dayakar Rao History & MTM	Irrigation Development under the Kakatias (1000 to 1323 A.D.) No.1-04/2013-ICHR(GIA-III) RP dated 11-06-2013	ICHR	250000

**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.**

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.
2. M/s. Sanve Lab. Pvt. Ltd. -- Rs. 2.64 lakhs.

**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 efforts of faculty members of the departments have fetched 17 departmental projects in which all the faculty members are involved. This includes 12 departments recognized by the UGC for special funding under SAP, 5 departments have been funded by DST under the FIST programme to improve research infrastructure. Other funding for departments includes. The total funds obtained by departments amount to Rs. 5.24 crores.

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

1. DRS-SAP (12) Botany, Pharmacy, Economics, Telugu, Public Administration, Physics, Chemistry, Microbiology, Biotechnology, History, Commerce, and English.
2. DST-FIST (07) Chemistry, Pharmacy, Botany, Geology, Zoology, Microbiology, and Biotechnology.
3. UGC-BSR-(Non SAP) : (2) Mathematics and Zoology.

#### **3.2.6. List details of**

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

Total of 72 projects were completed and an amount of Rs. 5.45 crore was received during last five years.

Sl. No.	Name of the Teacher and Department	Title of the Project	Funding Agency	Sanctioned Amount
1	Dr.T.Savita Jyostna(Minor) Department of Chemistry	Excess Thermodynamic and Transport Properties of Binary Mixtures of Sulfolane with Alcohols, Ketones and Amines at 308.15 K	UGC	130000
2	Dr. S. Ramanna (Minor) Department of Chemistry	Photo Chemical Reactions of Biologically Active Metabolites of Fungi and Higher Plants.	UGC	195000
3	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)	ICDS	130000
4	Dr. M. Pushpa Latha Economics	Adverse Effects of HIV/AIDS on Women Empowerment – A Study of Selected Villages	UGC	137000

		in Khammam District		
5	Dr. B. Ailaiah Department of Telugu	Telugu Sahityam Pai Mahatma Gandhi and Dr. B.R. Ambedkar Prabhavam No.5-7(6)/2008 (HRP) dt. 24- 12-2008	UGC	461200
6	Prof. K. Katyayani Department of Telugu	Women's Literature in Telugu (1900-1950) F. No. 5-7(7)/2008 (HRP) dt. 24-12-2008	UGC	613700
7	Dr. P. Sambaiah Department of Pub. Admn.	Primary Education in Andhra Pradesh : A Study F. No. 5-7(4)/2008 (HRP) dt. 24-12-2008	UGC	436200
8	Prof. G. Sudarshan Department of Economics	Impact of Women Self-Help Groups in the Economic Development of Andhra Pradesh – A Study F. No. 5-7(2)/2008 (HRP) dated 24-12-2008	UGC	799000
9	Prof. M. Subrahmanya Sarma Department of Com. & BM	Corporate Restructuring strategies and Financial Health of Public Enterprises – A Study No.5-36(2)/2009 (HRP) dt. 31-03-2009	UGC	615200
10	Dr. T. Satyanarayana Department of Pub. Admn.	Universal Primary Healthcare Policy – A Study in Andhra Pradesh F. No. 5-7(5)/2008 (HRP) dt. 24-12-2008	UGC	526200
11	Prof. G. Rajaiah Department of Economics	Rich Products and Hungry Lives : Predicament of Handloom Weavers in A.P. (A Study in Telangana Region) F. No. 5-7(3)/2008 (HRP) dt.	UGC	423700

		24-12-2008		
12	Dr. V. Krishna Reddy Department of Botany	Studies on incidence and management of mycotoxins in poultry feeds in Warangal District (A.P.)  F. No. 34-187/2008 (SR) dt. 30-12-2008	UGC	818800
13	Prof. V. Ravinder Department of Chemistry	Designing of Novel Macrocyclic Metal Complexes: New vistas in the Drug Catalysis.  F. No. 34-363/2008 (SR) dt. 30-12-2008	UGC	1007800
14	Prof.N. Satyanarayana Department of Chemistry	Thermodynamic investigaiton of solutions of Acetylcholine system drug (Acetylcholine. Bethanechol and carbachol) at various temperatures.	UGC	350000
15	Dr. P. Malla Reddy Department of Mathematics	Propagation of Waves in Cylindrical Compact Trabecular Bone Filled with Marrow.  F. No. 34-141/2008 (SR) dt. 30-12-2008	UGC	532800
16	Dr. S. Ram Reddy Department of Microbiology	Molecular identification of arbuscular Mycorrhizal fungal species based on rDNA repeats and amplified fragment length polymorphism (AFLP).  F. No. 34-239/2008 (SR) dt. 30-112-2008	UGC	1062800
17	Prof. P. Venkat Reddy Department of Zoology	Cytogenetical Studies on Digenetic Trematodes of Fresh Water Fishes.	UGC	596700
18	Dr. N. Kusuma	Management of Change in Banking Sector – A Study of	UGC	509200

	Department of Commerce	Selected Banks		
19	Dr. A. Sadanandam Department of Botany	Developing plastid transformation system for expansion of mustard annexin gene in tomato for engineering abiotic stress tolerance  No.36-126/2008 (SR) dt. 28-03-2009	UGC	1079800
20	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  F. No. 36-127/2008 (SR) dt. 26-03-2009	UGC	769800
21	Dr. B. Digamber Rao Department of Botany	Antifungal and Antibacterial activity of Nitrogen fixing paddy fields Cyanobacteria  No.36-128/2008 (SR) dt. 28-03-2009	UGC	476800
22	Dr. S. Girisham Dept. of Microbiology	Incidence Toxicology and Management of Mycotoxigenic Penicillia in foods and feeds  F. No. 36-129/2008 (SR) dt. 28-03-2009	UGC	1097800
23	Dr. Neerati Prasad Department of Pharmacy	Absorption kinetic study of P-Glycoprotein drug substrated by perfusion technique using Rat model  No.36-130/2008 (SR) dt. 26-03-2009	UGC	624800
24	Dr. M. Surekha Dept. of	Investigations on the Incidence and characterization of	UGC	764800

	Microbiology	Mycotoxigenic Fungi and Mycotoxins on Paddy and their Management  F. No. 36-131/2008 (SR) dt. 26-03-2009		
25	Dr. K. Jaganmohan Reddy  Department of Botany	Development protocols for micropropagation of Euphorbia fusiformis buch – Ham ex.D.Don., A Rare Medial Plant  F. No. 36-132/2008 (SR) dt. 26-03-2009	UGC	744300
26	Prof. Veerabhrama Kishan  Department of Pharmacy	Development of lipid nano emulsions for tumor targeting  No.36-133/2008 (SR) dt. 26-03-2009	UGC	930800
27	Dr. Ciddi Vireesham  Department of Pharnacy	Hepatoprotective agents from Cell and Genetically transformed cultures of picrrrorhiza kuroo  No.36-134/2008 (SR) dt. 26-03-2009	UGC	896800
28	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  F. No. 36-135/2008 (SR) dt. 26-03-2009	UGC	907800
29	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

30	Prof. K. Sayulu Commerce & BM	Impact of Organized Retailing in India – A Study No.F.5-36(7)/2009(HRP) dated 31-3-2009	UGC	492200
31	Prof. K. Raji Reddy Commerce & BM	Changes in Rural Consumer Behaviour for Agro Inputs in A.P. – A Study of Selected districts No.F.5-36(6)/2009(HRP) dated 6-4-2009	UGC	436000
32	Dr. P. Sadanandam History	Telangana Popular Culture through Folk Arts No.F.36-(1)/2009(HRP) dated 31-03-2009	UGC	375600
33	Dr. T. Dayakar Rao History	Trade and State craft in Medieval Andhra : A Reappraisal (600-1600 AD)	UGC	238000
34	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 No.5-36(2)/2009 (HRP) dt. 31-03-2009	UGC	471200
35	Prof. Ch. Rajesham Commerce & BM	Customer Value management in State Transport Undertakings – a Study of Selected undertakings No.F.5-36(3)/2009(HRP) dated 6-4-2009	UGC	470200
36	Prof. N. Vijaya Economics	Women Entrepreneurship and Women Empowerment : A Study in Telangana Region No.5-36(5)/2009 (HRP) dt. 31-03-2009	UGC	507700

37	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 nput Traffic	DST	875280
38	Dr. Ciddi Veeresham Pharmacy	Therapeutic Agents Cell and Genetically Transformed cultures Toddalia Asiatica	AICTE	1370000
39	Prof. V. Kishan Pharmacy	Drug Targeting – Development of Nano/Submicron Lipid Emulsions as Novel Drug Delivery Systems	AICTE	1800000
40	Dr. K. Seetharama Rao Public Admin. & HRM	Management of Tank Irrigation in Andhra Pradesh : A Study of Three Regions F. No. 5-569(3)/2009 (HRP) dt. 07-01-2010	UGC	522200
41	Prof. K. Venkat Narayana Economics	Micro Solution for Macro Problem Role of Microfinance for Rural Development (An Empirical Study in Telangana) F. No. 5-569(2)/2009 (HRP) dated 07-01-2010	UGC	644200
42	Prof. Ch. Balaramulu Public Admin. & HRM	Urban Governance and Public – Private Partnership in Andhra Pradesh : Select Study of Municipal Corporations F. No. 5-569(1)/2009 (HRP) dt. 07-01-2010	UGC	913000
43	Dr. A. Vinayak Reddy Economics	The Status of Rural Artisans A Paradigm Shift in Globalisation Dynamics – A Study in Andhra Pradesh	UGC	765200

44	Dr. Banala Nagaraj Pharmacy	Studies on Pharmacokinetic and Pharmacodynamic interactions of ashwagandha with allopathic drugs	UGC	185000
45	Prof. M. Krishna Reddy Zoology	Anti-HIV activity of the extracts of fresh water mussels ( <i>Lemellidens marginalis</i> )  F.No.37-236/2009(SR) dated January 12, 2010	UGC	672800
46	Dr. M. Estari Zoology	Studies on anti-HIV of the extracts fresh water mussels ( <i>Lemellidens marginalis</i> ) extracts  F.No.37-238/2009(SR) dated January 12, 2010	UGC	503200
47	Dr. T. Ravinder Reddy Zoology	Ecological Studies and Plankton diversity in certain lentic waterbodies of Warangal District (AP)  F.No.37-240/2009(SR) dated January 12, 2010	UGC	1147800
48	Dr. Md. Mustafa Botany		UGC	764000
49	Dr. T. Christopher Biotechnology	DNA Profiling of chilli pepper ( <i>Capsicum annuum</i> ) using RAPD-PCR  F. No. 37-239/2009 (SR) dt. 12-01-2010	UGC	996800
50	Prof. E. Revathi Economics	Land Access to Women and Women Empowerment under Different Situation in Andhra Pradesh	ICSSR	650000
51	Dr. G. Gangadhar	Mutual Effects of Magnetic and Structural Transitions in	CSIR	926000

	Reddy Physics	Strongly Correlated Electron Systems No.03(1152/10/EMR-II dt. 26-04-2010		
52	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 Commissi on	683000
53	Dr. Estari Mamidala Zoology	No. BT/PR13370/GBD/27/254/20 09 dt. 31-05-2010	DBT	581000
54	Dr. Sammaiah Pharmacy	Studies on Cancer and Human Immunodeficiency Virus Type-1 (HIV-1) Protease inhibition by some Indole Derivatives No. BT/PR13314/GBD/27/249/20 09 dt. 01-06-2010	DBT	1024000
55	Prof. A. Sadanandam Biotechnology	Developing plastid transformation system for expression of defensin gene in Capsicum annuum L No.SR/SO/BB-011/2010 dated 30-09-2010	DST	5255118
56	Dr. K. Mohan Reddy Economics	Significance of Minor Forest Produce in Tribal Economy – A Micro Level Study F.No.5-109/2010(HRP) dated 05-01-2011	UGC	551200
57	Dr. G. Bhaskar Economics	Status of Urban Informal Sector in India – A Study in Andhra Pradesh F.No.5-85/2010(HRP) dated 05-01-2011	UGC	576200

58	Dr. T. Yadagiri Rao Public Administration	Development, Displacement and Rehabilitation in Tribal Areas with Special Reference to Mining and Irrigation Dams in Andhra Pradesh F.No. 5-160/2010(HRP) dated January 25, 2011	UGC	662000
59	Dr. P. Narendra Babu Public Administration	Administration of Tribal Education Programmes with reference to Girl Education in Andhra Pradesh – A Study F.No. 5-158/2010(HRP) dated January 24, 2011	UGC	653700
60	Prof. V. Shobha Public Administration	Empowerment of Women Sarpanches at Gross-Roots Governance – A Case of Andhra Pradesh. F.No. 5-161/2010(HRP) dated January 25, 2011	UGC	656700
61	Dr. A. Venkateswar Rao Dept of. Biotechnology	Genetic engineering for anthracnose disease resistance in chilli pepper using defensin gene (TcD1) 39-297/2010 (SR)	UGC	1016800
62	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 39-300/2010 (SR)	UGC	874300
63	Dr. Podeti Srinivas Dept of. Biotechnology	Mass production, evaluation and commercialization of bioinoculants for agroforestry nurseries 39-302/2010 (SR)	UGC	1001800
64	Dr. A. Seetaram Naik	Selection of elite biotypes of terminalia species using	UGC	709800

	Dept of. Botany	PCR based markers and their conservation through in vitro micropropagation 39-412/2010 (SR)		
65	Dr. P. Venkataiah  Dept of. Microbiology	Genetic transformation of chilli pepper <i>Capsicum annum</i> L. with chitinase gene for fungal disease resistance 39-222/2010 (SR)	UGC	959800
66	Dr. Yellu Narimha Reddy  Dept of. Pharmacy	Population pharmacokinetics and clinical response of some cardiovascular drugs in Indian patients 39-177/2010 (SR)	UGC	809800
67	Dr. Shayedha  Dept of. Pharmacy	Design and evaluation of buccal drug systems 39-179/2010 (SR)	UGC	971800
68	Dr. Y. Venkaiah  Dept of. Zoology	Study of esterases in paratoid gland secretions of the toad ( <i>Bufo melanostictus</i> ) 39-596/2010 (SR)	UGC	831800
69	Dr. Ch. Sammaiah  Dept of. Zoology	Ecological impacts of Bt cotton on soil biodiversity 39-597/2010 (SR)	UGC	753800
70	Dr. Veluri Sreedevi  Telugu	Telangana Telugu Katha – Vekasam F.No. 5-483/2010(HRP) dated March 4, 2011	UGC	486200
71	Prof. S. Srinath  History	Constructing Business History of a Pre-Colonial state in India –The Case of Princely state of Hyderabad, 1724-1956 F.No.5-558/2010(HRP) dated	UGC	276100

		19-05-2011		
72	Dr. Y. Prameela Devi  Zoology	Development of biosensors for Environmental Monitoring of Endocrine disrupting chemicals  F. No. 39-341/2010 (SR)) dt. 10-01-2011	UGC	963800

**b) Inter-institutional collaborative projects and grants received**

i) **All India collaboration:** NIL

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 up gradation to serve current needs. This is especially so in the science departments, but in the humanities also, necessary facilities are created. In the period under review a variety of sophisticated equipments was added, sometimes replacing obsolete machines. The most sophisticated and expensive equipment added in the period under review are given table 3.8. . A total of 55 equipments, each costing above rupees five lakh, were procured in this period. Besides these, personal computational facilities are constantly upgraded, and every faculty member has been provided with a desktop computer enabled for internet access.

**Table. 3.8. List of major equipment purchased for research.**

The Science Departments have procured modern equipments/units for teaching and research programmes. Some of the major equipment worth more than Rs. 5.00 lakh available in the University departments are:

<b>Sl No.</b>	<b><i>Equipment Name</i></b>	<b><i>Departments</i></b>
1.	X-ray Diffractometer System	Physics, Chemistry, Geology , Mineralogy
2.	Electrocell Manipulator	Plant Biotechnology
3.	Gene Gun	Molecular Biology
4.	Refrigerated Centrifuge	Molecular Biology
5.	Microprocessor controller Refrigerator/plant Growth Chamber	Molecular Biology
6.	NMR 60 MHz Spectrometer	Chemistry

7.	UV-Vis Spectrophotometer	Chemistry
8.	UV-Vis Spectrophotometer Deep Freezer Refrigerator	Bio-Chemistry
9.	LO-222 Advance Spray Driver	Pharmaceutics
10.	Ultra Test Tensile Tester	Pharmaceutics
11.	HPLC-3 Nos.	Pharmaceutics
12.	Boflo 110, NBS fermenter	Pharmaceutics & Biotech
13.	Ultra Liquid Chromatography & Pump	Pharmaceutics
14.	Fluorescence Detector & Pump	Pharmaceutics
15.	Zetasizer	Pharmaceutics
16.	Liquid Scintillation Counter	Pharmaceutics
17.	Microscope Nikon Fluorescence	Pharmaceutics
18.	High Pressure Homogenizer	Pharmaceutics
19.	Analytical Cum Preparative HPCL	Natural Products
20.	HPLC	Pharmacology
21.	Trace Metal Analyzer	Pharmacology
22.	G.C.	Pharmacology
23.	G.C.(Shimadzu)	Med. Chem.
24.	HPLC	Ethno pharmacology
25.	Autoanalyzer	-do-
26.	Tripes Silicon Graphics Work Station (Fuel)	Med. Chem.
27.	Silicon Graphics Work Station & Software	Med. Chem.
28.	HPLC	Biotech
	<i>Fourier Transform Infra Red Spectrophotometer</i>	
29.	UV-VIS spectrophotometer Model Lambda-25	Central Instrumentation centre for use by all Science departments including Pharmacy
30.	Differential Scanning Colorimeter (DSC)	
	Thermogravimetric Analyser (TGA)	
31.	Atomic Absorption Spectrophotometer	
32.	Scanning Electron Microscope	
33.	Fluorescence Microscope	
34.	Gamma Chamber -900	
35.	Infra Red Spectrophotometer	
36.	Uv-VIS-NIR Spectrophotometer	
37.	Gas Liquid Chromatograph	
38.	Metler Balance	
39.	Gel documentation System	Pharmacy
40.	Cold Room (Walk-in- Chamber	Pharmacy
41.	Gradient PCR	Pharmacy
42.	Cold Centrifuge	Pharmacy
43.	Orbital Shaker (2.0 Nos.)	Pharmacy
44.	Fluorescent Microscope	-do-
45.	Hybridization oven	-do-
46.	ELISA Reader	-do-
47.	Co2 incubator	-do-

48.	Green House	-do-
49.	Gel Documentation system )	-do-
50.	Cold Centrifuge)	-do-
51.	HPLC	-do-
52.	Millipore water purification system	-do-
53.	Electro Cell Manipulator	-do-
54.	Deep freezer (-86 C)	-do-
55.	ELISA Microplate reader	-do-

**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.**

The information for research such as literature collection, and other information is collected only through the resources available due to INFLIBNET.

**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?**

The center is titled 'Central Instrumentation Center' established in 1979 by the fund sanctioned by the state government. The existing equipments in working condition are

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

A new Perkin Elmer Atomic Absorption Spectrophotometer Analyser 200 on buy back basis was recently added.

The yearly funding from the University is 0.5 lakh.

These facilities are provided to the researchers of all Science Departments including Pharmacy for their research work for achieving their Ph.D degree and carrying out research projects. Researchers from other institutions in Warangal like NIT, Kakatiya Medical College, Kakatiya Institute of Science and Technology utilize the services.

Post Graduate students from science departments visit the center for acquaintance 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 in operation. Needy research scholars are provided with the residential facilities. Mess facility is available along with PG students. All the research scholars have computer and internet facilities in their research laboratories where they work for late hours and go to their rooms.

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

**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.

Pharmacy: Animal House CPCSEA.

**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.**

**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.**

**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)	<b>Editor:</b> Dean Faculty of Social Sciences, <b>Members:</b> <ol style="list-style-type: none"> <li>1. Head, Department of Economics.</li> <li>2. Head, Department of History &amp; Tourism Management.</li> <li>3. Head, Department of Political Science.</li> <li>4. Head, Department of Public Administration &amp; Human Resource Management.</li> <li>5. Head, Department of Library &amp; Information Science.</li> </ol>	ISSN: 2277-8144

			6. Head, Department of Sociology.	
2	English	Kakatiya Journal of English Studies	Editor: Head, Department of English and all the 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 all the faculty are the members of Editorial Board. .	
4	Telugu	Vimarshini	Editor: Head, Department of Telugu and all the 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) 1771
- Monographs 34
- Chapters in books 158
- Books Edited 66
- 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, 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 Marginalised 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:
 

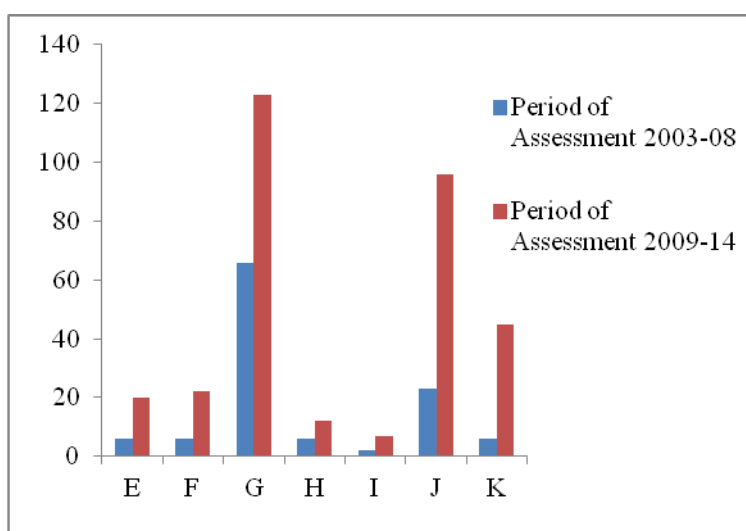
Physics: Three Crystal structures listed in Cambridge Crystallographic Data Centre.

  1. CCDC No. 806560.
  2. CCDC No. 825674.
  3. CCDC No. 918754.
- Citation Index-range/average
- SNIP

- SJR
- Impact factor – range/average 0.1 – 7.0
- H-index 24

**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	360	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
	Total	1771	158	34	66	20



E: Books authored

F: Academic Foreign visits

G: Research Projects

H: UGC- SAP Departments

I: DST-FIST Departments

J: Number of Conferences/Seminars/ Workshops Organized

K: Number of International Conferences/Seminars/ Workshops participated by the faculty abroad

In summary, the faculty and students of the University have published 1771 research papers, 66 books edited and 34 monographs. The faculty has written more than 150 chapters in edited volumes, and more than 1770 papers in peer-reviewed journals.

## Conference and seminar papers

Apart from the above publications, faculty members and students of the University continuously present their research findings at regional, national and international conferences and seminars. Faculty members have been honored by being nominated as peer reviewers of abstracts and papers, keynote speakers, session chairpersons or invited speakers at many of the national and international symposia.

### 3.4.3. Give details of

- **Faculty serving on the editorial boards of national and international journals**

1. Botany:

- a) Phytos, Phycological Society of India
- b) Rheedeia
- c) Bangladesh Journal of Plant Taxonomy
- d) Journal of Plant Studies
- e) Journal of Threatened Taxa
- f) Journal of Indian Hydrobiology
- g) Advisor Inspire Programme organised by Secondary Schools
- h) Indian Journal of Environment and Eco Planning.

2. Biotechnology:

- a) Prof. N. Ramaswamy is the (i) Editor, Advances in Plant Sciences, (ii) Editor, International Journal of Plant Sciences., (iii) Advisory Board member of Biozone, International Journal of Life Sciences, (iv) Advisory Board of International Journal of Genetics and Molecular Biology, (v) International Journal of Environment, (vi) Journal of Plant Cell and Tissue research, (vii) Nominated as Honorary Advisor for TWAS-UNESCO Research Grants, Italy, (viii) Member on the Institutional Biosafety Committee, Appointed by Ministry of Science and Technology, DBT, Govt. Of India.

3. Economics:

- a) Prof. T. Jyothi Rani on the Editorial Board of Socio-Scan as a member.
- b) Prof. N. Vijaya on the Editorial Board of Telugu Academy as a member.
- c) Prof. A. Vinayak Reddy on the Editorial Board of Pragathi Journal of Indian Economy as a member.

4. English:

- a)

5. Education:

- a) Prof. S. Mahender Reddy is on the Editorial **Board as a Member, i-manager publications for Journal of Psychology in Education.**

6. Library and Information Science:

- a) `B. Radhika Rani is on the Editorial Board of Kakatiya University Journal of Social Sciences.

7. Engineering:

- a) Prof. T. Sreenivasulu:
  - (i) Editor, Proceedings of International Conference on Innovation in electronics and Communication Engineering (ICIECE-2012)
  - (ii) Editor: Proceedings of IW-2012
  - (iii) Editor: Proceedings of ICIECE-2013
  - (iv) Editor, Journal of Innovations in Electronics & Communications, GNI Publications
  - (v) Editorial board, Journal of Innovations in Computer Science and Engineering

(vi) Sub-Editor, 'CONCORD' International Technical News Bulletin

(vii) Editor: Proceedings of ICPVS 2014, Elsevier Publications

8. Pharmacy:

- a) Prof. A. Raghurama Rao: Member editorial board of International Journal of Pharmaceutics.

• **Faculty serving as members of steering committees of international conferences recognized by reputed organizations/societies**

1. Ms. B. Radhika Rani of Department of Library and Information Science is on the Advisory Board of International Conference – ICDL-2014.

**3.4.4. Provide details of**

• **Research awards received by the faculty and students**

1. **Botany:**

- a) Prof. N. Ramaswamy: Talented Biotechnologist Award-2011, Srilanka.
- b) Prof. B. Digambar Rao: TWAS Award, Italy, 2012.
- c) Prof. A. Seetaram Naik: Mata Savitribai Phule Seva Puraskar Award.
- d) Prof. M.A. Singaracharya: State Best Teacher Award-2011.
- e) Prof. Prof. K. Subhash: UGC Emeritus Fellowship, 2009
- f) 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 Awarded, 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. Bhadranaik, State Best Teacher Award, 2011.
- b) Prof. Syed Ayub Ali, State Best Teacher Award, 2013.

5. 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.

6. **Engineering:**

- a) Prof. T. Srinivasulu: JSPS Bridge fellowship Awardee, 2011.

7. **Pharmacy:**

- a) Prof. I. 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.

8. **Biotechnology:**

- a) Prof. A. Sadanandam
    - (i) DAAD Honorary Advisor (2006-09).
    - (ii) Andhra Pradesh Scientist Award, 2008 by APCOST.
    - (iii) State Best Teacher Award (2009).
    - (iv) Visiting Research Professor, Murdoch University, Australia (2010).
  - f) Prof. N. Ramaswamy:
    - (i) Excellency Award – 2009, Academy of Plant Sciences India.
    - (ii) State 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, International Friendship Society, New Delhi.
    - (vii) Talented Scientist Award-2013, MARYLAND, usa.
    - (viii) Global Achievers Award-2013, Bangkok, Thailand.
- 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 Organisation 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. Aoolby 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. Mathematics:**

a) Prof. K. Sambaiah: State Best Teacher Award, 2012.

**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), Biotechnology	Awarded SRF by CSIR, New Delhi-2012
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 Fellowship2013
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,	Dr. D.S.Kothari Postdoctoral

	Mathematics	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-`4.
27	Dr. A. Suresh, Microbiology.	Post-Doctoral Fellow, UGC.
28	Dr. V. Koteswars Rao, Microbiology	Post-Doctoral Fellow, UGC
29	A. Shanti Priya, Microbiology.	RGNF
30	Dr. S. Venkataiah, Political Science.	
31	Dr. V. Nagaraju, Political Science.	
32	Dr. S. Somalingam, Political Science.	
33	Dr. Kotte Srinivasa Rao, History.	
34	Dr. D. Shankar, History.	
35	Dr. T. Uppalaiah, History.	
36	Dr. B. Somulu, History.	
37	Dr. , English	

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

1. Biotechnology:

- a) Prof. A. Sadanandam:

- (i) Fellow Max-Planck Society, Germany.
- (ii) Fellow, Botanical Society of India.
- (iii) Fellow, New Yorkl Academy of Sciences, USA.
- (iv) Member, American Association for the Advancement of Science (AAAS).
- (v) Fellow, Internal Association of PlantTissue Culture.
- (vi) Fellow, Indian Phyto-Pathological Society of India.
- (vii) Fellow of Bangladesh Association of Plant Tissue Culture.
- (viii) Visiting Fellow of Murdoch University (1993-94).
- (ix) Member on the Institutional Biosafety Committee, appointed of Ministry of Science and Technology, DBT, Govt. Of India.

- b) Prof. N. Ramaswamy:

- (i) Fellow of Indian Botanical Society.
- (ii) 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.
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 Contro.
    - (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 a) 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 interdepartmental/interdisciplinary research projects have been undertaken and mention the number of departments involved in such endeavours?**

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

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.**

The university has instituted best teacher award and best research paper awards for research scholars.

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

The faculty is felicitated in a gathering of students and faculty of the university during special occasions such as Teachers' day, University foundation day, etc.

### **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?**

The university has the policy of including one industry professional in the Board of Studies of all the departments.

#### **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.

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

The university encourages the faculty to organize training programmes for the industry professionals.

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

Pharmaceutical Sciences, Biotechnology, Instrumentation, English, Business Management.

### **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 the society at large. 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 the Department of 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 etc.. Faculty is frequently called upon to deliver popular lectures in various schools and colleges, both within the city and outside. They also participate in Radio and TV talks and interviews. 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, rural development programmes, etc. These activities are mostly funded by UGC grants, camps under the DST INSPIRE programme are regularly organized by the University departments. The camps familiarize school and undergraduate students with the latest developments in science.

**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, problems of the society and with an intention to develop holistic approach among the students and resulting in sustained community development.

**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 and NCC wings through which faculty and students participate in extension activities in turn contribute towards working of the society.

**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 and commerce and business management conduct surveys on contemporary problems with which society is confronting and faculty members conduct research studies on the 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?**

The faculty members have got the practice of ascertaining the details of students involvement in various moments such as literary competitions, environmental problems of students population awareness programmes and health awareness, women and empowerment etc.

**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 and integrity and developing interpersonal skills keeping in view of the objectives and outcomes of extension activities.

**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 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 very regular intervals.

**BEST PROGRAMME OFFICERS & VOLUNTEERS**

The NSS Cell recommends the following Programme Officer's & Volunteer names to the concerned District Collectors for the Best Programme Officers and Volunteers award in the eve of "Independence Day" 15<sup>th</sup> August, 2009.

**Best Programme Officers-2009:****Warangal District**

- 1) Smt. T. Shoba Kumari, P.O., CKM Arts & Sci., College, Deshaipet,
- 2) Mr. M. Venkanna, P.O., SVVRNS Govt. Jr. College, Wardhannpet,
- 3) Mr. M. Ragupathi Reddy, (Volunteer) Kakatiya Govt. Deg. College, HNK.

**Khammam District**

- 1) Mr. K. Koteswar Rao, P.O., Govt. Degree College, Yelandu,
- 2) Mr N.V. Surya Prakasa Rao, P.O., Govt. Jr. College, Nelakondapally
- 3) Mr. D. Kishore (Volunteer) Kranti Junior College, Wyra, Khammam

**Adilabad District**

- 1) Mr. A. Vijay Gopal, P.O., Nalanda Degree College, Adilabad
- 2) Mr. K. Ravi Chandradas Reddy, P.O., Govt. Junior College, Indravelly

**Karimnagar District**

- 1) Dr. M. Kamala Rani, P.O., Govt. Degree College, Manthani,
- 2) Mr. G. Venkataiah, P.O., Govt. Junior College, Kamalapur, Karimnagar
- 3) Mr. G. Thirupati, (Volunteer) Vivekananda Deg. & PG College, Karimnagar
- 4) Mr. R. Srinivas, (Volunteer) SRR Govt. Degree College, Karimnagar

**BEST PROGRAMME OFFICERS -2010:****Khammam District**

- 1) Mrs. Ramanamma, P.O., Govt. Degree College for Women, Khammam
- 2) Mr. Koteswar Rao, P.O., Govt. Degree College, Yellandu, Khammam
- 3) Mr. V. Srinivas, P.O., APSEB Govt. Junior College, Palvanha, Khammam
- 4) Smt. R. Karuna, P.O., Govt. Junior College for Girls, Khammam,

**Adilabad District**

- 1) Mr.G. Sudhakar Rao, P.O., GRP Govt. Degree College, Bhainsa, Adilabad
- 2) Mr. T. Pratap Singh, P.O., Govt. Junior College, Neradigonda, Adilabad

**Karimnagar District**

- 1) Mr. R. Shravan Kumar, P.O., Govt. Degree College, Jammikunta,
- 2) Mr. P. Raji Reddy, P.O., AKVR Degree College, Mulkanoor, Karimnagr
- 3) Mr. P. Ravinder, P.O., Govt. Degree College (Women), Jagitial, Karimnagar
- 4) Mr. Laxminarayana, P.O., Govt. Junior College Girls, Peddapally, Karimnagar
- 5) Mr. V. Srinivas, P.O., Govt. Junior College, Vemulawada, Karimnagar

On the eve of NSS Day the State NSS Cell presented Awards on 24<sup>th</sup> September, 2010 at Ravindrabharthi auditorium, Hyderabad 1 Male 1 Female Volunteer and 1 Programme Officer have been awarded.

Sl. No.	Name of the Volunteer/ Programme officer	Name of the College
1.	Dr. A. Venkateshwarlu (P.O.)	SSRJ Degree College, Khammam
2.	Mr. R. Raj Kumar	University Arts & Science College, Hanamkonda
3.	Ms. D. Ravali	SC Womens Degree College, Kothagudem

**Indira Gandhi National Award Eleven (11) times by Government of India, State Level Award Fourteen (14) times by Government of Andhra Pradesh for its meritorious services and the President's Volunteer Service Award by National Community Service USA for Outstanding Commendable Services of NSS.**

#### **STATE AWARDS**

On the eve of NSS Day the State NSS Cell, Regional Centre, Hyderabad gave Awards on **24<sup>th</sup> September, 2012** at University Auditorium, Acharya Nagarjuna University, Guntur, for our University.

No.	Name of the Officer/Volunteer	Name of the College
1.	Dr. K.V. Ramalaxmi	<b>Best Programme Officer,</b> A.S.M. College for Women, Warangal
2.	Mr. R. Gopi Krishna	<b>Best Programme Officer,</b> Vivekavardhini Degree College, Karimnagar
3.	Mr.Ch. Sambha Raju	<b>Best Volunteer,</b> University Arts & Sci. College, Warangal

#### **AWARD OF APPRECIATION**

NSS Cell Kakatiya University has received award of appreciation for Halt and Reversal of HIV/AIDS in Andhra Pradesh from Project Director APSACS on 1<sup>st</sup> December, 2012.

#### **MOTHER TERESA GOLD MEDAL AWARD**

Dr. B. Suresh Lal, Programme Co-ordinator has received Mother Teresa Gold Medal Award from GEPR, Tamilnadu for creating awareness on Public Health Issues and Community Service on 06<sup>th</sup> March, 2013.

#### **GOLD MEDAL AWARDED BY HON'BLE GOVERNOR OF AP**

**Dr. B. Suresh Lal**, Programme Co-ordinator has received Gold Medal and Merit Certificate from Hon'ble Governor of Andhra Pradesh for highest number of volunteer blood donation by Sri. Ponnala Laxmaiah Hon'ble Minister for IT&C, Govt of AP.

#### **DISTRICT LEVEL AWARD**

**Dr. B. Suresh Lal**, Programme Co-ordinator has received **Best Programme Co-ordinator Award** from **District Collector Warangal by Sri. G. Kishan.**

#### **STATE LEVEL AWARDS**

On the eve of **NSS Day** the State NSS Cell, Hyderabad Presented Awards on **24<sup>th</sup> September, 2013** at **Palamoor University**, Mahaboobnagar One Programme Officer and Volunteers have been received the awards.

Sl. No.	Name of the Programme Officer & Volunteer	Name of the College
1.	Mr. R. Shravan Kumar (P.O.)	Kakatiya Govt. College, Hanamkonda
2.	Mr. Mohd. Azam (Volunteer)	University College, KU campus

#### APPRECIATION FROM DISTRICT AIDS SOCIETY

District AIDS Prevention & Control Society Warangal presented Appreciation Certificate by the District Collector **Sri. G. Kishan** for organizing AIDS awareness comps and volunteer blood donation in the Colleges on **01-10-2013**.

#### INDIRA GANDHI NATIONAL AWARD

On the eve of Indira Gandhi (former Prime Minister of India) Birth Day the Govt. of India, Ministry of Youth Affairs and Sports, New Delhi awarded **Indira Gandhi National Award** on **19<sup>th</sup> November, 2013** by the Hon'ble President of India **Sri. Pranab Mukarji** to **Mr. R. Shravan Kumar** P.O. Kakatiya Govt. College, Hanamkonda and **Mr. Mohd. Azam**, Volunteer, University College, KU campus

#### APPRECIATION FROM APSACS

Andhra Pradesh AIDS Control Society has presented Appreciation Certificate by the **District Collector Sri. G. Kishan** for organizing HIV/ AIDS awareness Programmes in the colleges and among rural youth in special campaign programmes on 01-12-2013 World AIDS Day.

#### AWARD FROM DISTRICT ELECTION OFFICE

**Dr. B. Suresh Lal**, NSS Programme Co-ordinator has received **Best Motivator Award** for highest number of Volunteers enrollment in the district, Warangal by **District Collector, Sri. G. Kishan** on **25<sup>th</sup> January, 2014**.

Sl.No.	Name of the Programme Officer	Name of the College
1.	Mrs. Zareena Begaum	Govt. Pingle Degree & PG College, Hanamkonda
2.	Mr. P. Sugunakar Reddy	Vaagdevi Degree College Hanamkonda
3.	Mr. Somaiah	Govt. Diet College Hanamkonda
4.	Mr. Ch. Suryanarayana	Masterji Degree College Hanamkonda
5.	Mr. H. Rajeshwar Rao	Lal Bahadur College Warangal

#### AWARD FROM THE DISTRICT COLLECTOR

**Dr. B. Suresh Lal** Programme Coordinator KU Warangal, fifteen Programme Officers and 550 NSS Volunteers have received **Best Social Services Award** by the District Collector, Joint Collector and Superintendent of Police Rural for rendering tireless services in Medaram Jatara and served devotees for week days.

#### 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, religious and gender. Prof. B. Venkat Ratnam

Hon'ble Vice-Chancellor-KU, Dr. Ampasayya Naveen, Sirajoddin and principals of their colleges other elites were participated.

### **3.7 Collaboration**

Modern research programmes are collaborative in nature, and most of the faculty research programmes involve academics from other institutions both national and international. Some of these collaborations are formalized, and are based on Memoranda of Understanding (MoU) or other agreements signed between the participating institutions.

#### **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?**

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
- Internship
- On the job training
- Faculty exchange and development
- Research
- Publication
- Consultancy
- Extension
- Student placement
- Any other (please specify)

ALREADY FURNISHED

#### **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.

- 17) The Department of Plant Molecular Biology, Groningen University, The Netherlands and the Department of Biotechnology, Kakatiya University.
- 18) The Botanical Institute Ludwig, Maximillians University, Munich, Germany and the Department of Botany and Biotechnology, Kakatiya University,
- 19) The Murdoch University, Perth, WA and the Department of Biotechnology, Kakatiya University,
- 20) The National Centre for Genetic Resources & Biotechnology, Brasilia, Brazil and the Department of Biotechnology, Kakatiya University,
- 21) Eritria Institute of Technology, Asmara,
- 22) The Central Michigan University, USA,
- 23) The European Union under ERAMUS Project,
- 24) Doctus, Hyderabad,
- 25) WSU, MSU and ISU, USA in Biotechnology,
- 26) Girne American University, Cyprus, UK,
- 27) NTH Co., Ltd., Japan,
- 28) NSL Mining Consolidated Ltd, Australia and
- 29) MDI, Gurgaon for the exchange of students and teachers between the institutions.
- 14.) Australian Centre of Industrial Biotechnology, AC1B, GmbH, Petersgasse, 14, 8010 Graz.

15) International Institute of Waste Management, Bhopal, M.P.

16) University of Malaysia Penhang, Govt. Of Malaysia, Malaysia and the Kakatiya University.

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

Developed Bioinformatics Infrastructure Facility (BIF) in the Department of Biotechnology for promotion of biology teaching through Bioinformatics under BTIS net programme to the tune of Rs. 43.0 lakhs with a separate laboratory.

**Any other information regarding Research, Consultancy and Extension, which the university would like to include.**



**CRITERION IV**

**INFRASTRUCTURE AND  
LEARNING RESOURCES**



## **CRITERION IV**

### **INFRASTRUCTURE AND LEARNING RESOURCES**

#### **Introduction**

The University has been augmenting its physical and IT infrastructure and learning resources to keep pace with the changing technology. The University laboratories are well equipped with the state-of-the-art technology comparable with other highly graded Universities in India. While the University teaching and research take place on the campus within the city limits, the campus is well connected in terms of communication and transportation. In the last five years, moderate investments have been made to augment the built-up area, equipment, class room furniture, books, e-learning resources and ICT equipment to improve the teaching-learning and research environment.

#### **4.1. Physical Facilities**

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

Every department has one well-furnished modern seminar/class room with LCD projector and audio system. Some of the departments share their facilities with other departments so that the facilities are fully utilized. The departments are also provided with adequate space to house laboratories and equipment.

##### **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.**

In most of the departments, the class-rooms are equipped with LCD projection and computer with internet connectivity. This facility will enable the teacher to download latest developments in the respective fields to enlighten the students. This facility is also being extended gradually to all the colleges and departments of the university. Some of the departments have computer facility with internet connection for PG students and Ph.D scholars separately in a big hall consisting of 100 systems..

##### **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 so that he/she can concentrate on teaching and research work without disturbance. All departments are provided with internet connection and a link to INFLIBNET facility. All the teachers in every department are provided with a desktop system. All sophisticated instruments for research are linked through computers for paperless work. Teachers are also provided with printers. Scanning devices are also available in departments. Offices in the departments are provided with computers and other related facilities. Every department has an office room with sufficient staff(clerical, technical and support) to assist the teaching-learning and research activities of the department.

##### **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?**

The University ensures that there are adequate facilities, like toilets, with a special provision for physically challenged persons, common room for women staff 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.

#### 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**

Sl. No.	Name of the Hostel	No. of Rooms	Number of seats	Number of occupants
<b>For Men</b>				
1	Pothana Hostel	101	250	310
2	Ganapathi Deva I, II and III	53	250	348
3	B. R. Ambedkar Hostel	40	120	195
4	Old Pharmacy Hostel	22	65	85
5	Vidyaranya Pharmacy Hostel	18	40	95
6	VRSH	40	80	150
7	Physical Education Hostel Quarters BPED & MPED	10	30	60
8	Engineering Hostel	62	258	350
9	Law Hostel	16	90	90
10	PG Hostel, Subedari	22	90	210
<b>For Women</b>				
11	Padmakshi Women's Hostel	150	850	1000
12	New Women's Hostel			
13	Babu Jagjivan Ram Chatravas SC Girls Hostel		350	400
14	SC Girls Hostel (under SC/ST sub-plan)		150	150
	<b>Total</b>	534	2123	3450

- **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, gymnasium are available to the students both in the mornings and in the evenings. Badminton, volley ball courts are also available and groundsmen are appointed to assist students everyday. Indoor complex is also available to students and teachers and is being extensively used throughout the year. The campus play fields are continuously used for various tournaments organized either by the University or by district sports authority.

- **Broadband connectivity/Wi-fi facility in hostels**

The Wi-fi facility is partially available in the campus presently and shortly it will be extended to entire campus

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

Since the inception of the University Health Centre in the year 1976, it has been providing the medical facilities to the students, research scholars, teaching-staff, NGO's, class-IV, daily-wage, lump-sum, time-scale employees and their families including retired employees and their spouses.

##### **A. STAFF-PATTERN:**

###### **Medical Staff**

- a. Medical Officer
- b. Consulting Physician
- c. Consulting Surgeon
- d. Consulting Dermatologist
- e. Consulting Gynaecologist

In the year 2008, Dr. A. Sammi Reddy, MD (Ayurvedic) was also appointed by the University to visit every Tuesday from 4.00 pm to 6.00 pm. He visited the health centre for 3 years and given treatment to the patients suffering from chronic diseases with ayurvedic medicines.

In the year 2009, Dr. Sunitha Thota B.P.T. appointed as part-time health consultant in physiotherapy.

###### **Para -Medical Staff**

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

The university is used to appoint Member-in-charge to look after the maintenance and administration of the Health Centre.

##### **B. The following are the health facilities available in the Health Centre.**

1. 24 hours Ambulance facility.
2. ECG facility for heart diseases.
3. Oxygen facility.
4. Electro cautery.
5. Suction apparatus.
6. Auto analyser.
7. I.V. fluids.
8. Pathological investigations.
9. Anti-septic dressing.
10. Free supply of medicines.
11. Day care centre.
12. Physiotherapy unit.
13. University also providing financial support of Rs.50,000/- to certain diseases like Heart and Kidney etc.,
14. Further, The University encourages to go for medical health insurance by contributing an amount of Rs.900/- per employee.

### **C. HEALTH SERVICES EXTENDED TO EMPLOYEES:**

There is a budget of Rs. 6.5 lakhs allotted for the purchase of medicines and Rs. 25000/- for the purchase of laboratory chemicals and equipment to the health centre. Daily the out patients about 100 to 120 take treatment. University provides medicines for chronic diseases like diabetic and hypertension.

- Health centre working hours are from 11.00 am to 6.00 pm., which is the most suitable and flexible time for students and all categories of employees and their families.
- Provision of free supply of medicines which includes tablets, capsules, anti-biotics, hypertension & diabetic medicines, skin ointments and laboratory investigations, physiotherapy and I.V. fluids.
- Provision of sterile dressing for patients with injuries.
- Maintenance of health records of students and employees.
- 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)

#### **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.

### **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.
- A team from health centre also attended to treat the delegates of the youth festival.

### **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 Thyrocare Diagnostics Centre, Bombay for 3 days from 18-03-2014.
- Orthopedic , Neurology and Gynaecology 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.

### **E. Performance in Sports Activities:**

- ✓ In all sports competitions, which are conducted by University Sports Board, a team from our health centre used to supervise medical facilities to the participants. Medical team provided immediate FIRST AID facilities like pain relief sprays, dressing, injections and necessary tablets.
- ✓ An ambulance was 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 from also 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 university has a sports board with an advisory committee and Vice-Chancellor as its chairman. The secretary of the sports board looks after the sports activities of the university. 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

In addition to routine yearly sports activities like inter-departmental students 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)

Out of around 4,500 students on the campus this year around 1000 students participated in sports and games activities on the campus. The notable point is that about 5000 students from all the colleges of university (affiliated and constituent) participated in various sports and games activities outside the university.

##### **Cultural events:**

Cultural festivals are organized by University NSS unit every year. Annual literary cultural events are conducted on the occasion of hostel days.

Central zone inter-university youth festival titled “Yuva Kalaratna 2013” during November 18-22, 2013 has been organized on KU campus. Twenty one universities from central zone have participated in the festival in twenty five events covering music, dance, literary, fine arts and theatre arts. Nearly 800 participants took part in the festival.

#### **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

#### **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
3. Remaining period 8.00 am to 8.00 am (During examinations, before and after examinations).

#### **Layout Library**

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                    | 1,53,001 |
| 2. Back Volumes             | 25,810   |
| 3. Theses and Dissertations | 3,545    |
| 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**

- |            |       |
|------------|-------|
| 1. 2011-12 | 1,633 |
| 2. 2012-13 | 2,081 |
| 3. 2013-14 | 814   |

**c) Non Print (Microfiche, AV)**                      Nil

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

- |               |        |
|---------------|--------|
| 1. E-books    | Nil    |
| 2. E-Journals | 11,650 |

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

1. Text Books	73,250
2. Reference Books	15,203
3. Standards	Nil
4. Patents	Nil

**f) Book Banks**

1. SC/ST Book Banks	2,763
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**g) Question Banks** Nil

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

OPAC	YES
Electronic Resource Management package for e-journals	YES
Federated Searching tools	Nil
Library Website	YES
In house/remote access to e-publications	YES

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

Library automation	YES
Total number of computer for general access	08
Total number of printers for general access	03
Internet band width speed 2mbps 10 mbps 1 GB	VPN/1GBPS NKN connectivity
Institutional Repository	NO

Content management system for e-learning:

The work involved in the section is to create, update, maintain and manage the various databases as per the INFLIBNET programme and local need, planning for complete automation of library services and their implementation. This includes the data bases of books, theses (M.Phil. & Ph.D.), periodicals (current and back volumes and experts data base).

In this section, a book database of more than 87,720 records have been created. The work is in progress for the remaining books. The theses database is completed and has been sent to INFLIBNET to keep in the National Database. Further, the dissertation database is in progress.

Participation in resource sharing networks/consortia (like INFLIBNET)

YES UGC INFONET

#### 4.2.6. Provide details (per month) with regard to

Average number of walk –ins	9,000
Average number of books issued/returned	6,000
Ratio of library books to students enrolled	1:50
Average number of books added during the last four years	1762
Average number of login to OPAC	1000
Average number of login to e-resources	150
Average number of e-resources downloaded/printed	120
Number of IT literacy trainings organized	Nil

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

Manuscripts	No
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 including Departments	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, digitalized library information system OPAC, photocopying facility, round the clock study room facility for the competitive aspirants, Lord Buddha and Saraswathi enclosures, big model chess board and sprawling lawns.

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

Complaints and suggestions box is provided.

#### 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	
3. A separate internet section is being maintained in new Library building.			

### **4.3. IT Infrastructure**

#### **4.3.1 Does the university have a comprehensive IT policy with regards to**

##### **IT Service Management:**

Every department in university has one technician to resolve the simple issues such as installation of software, hardware and networking related issues. Services will be taken from outside if it is not possible to solve issues by technicians of the university. Small departments will engage the technician from outside depending on their needs.

##### **Information Security:**

Traditional user name/ password mechanism is used by individual systems to protect the information. There is no specific general policy / mechanism.

##### **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. It is also proposed to adopt different security mechanisms in the near future.

##### **Risk Management:**

Every department has its own approach.

##### **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 depending on their needs.

##### **Green Computing:**

Discussions are in progress and it may be realized in near feature.

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

##### 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
coretoQuad Q8200@233GHz/2GB/320GBHDD	50
Pentium IV @2.40GHz/512MB/80GBHDD	50

**Computer-student ratio: 1:4**

##### 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.

##### LAN facility:

Almost 75% of buildings are connected to University LAN. It is proposed to extend the LAN to all the buildings in University through NMEICT LAN Project and it is yet to be completed.

##### Proprietary software:

**Number of nodes / computers with internet facility:** 650 (excluding lap tops and smart devices used by the students and faculty to access the internet facility)

**Any other (please specify): NIL**

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

University has already started its efforts to utilize the IT and its services to full extent to make all its services very effective and efficient. The following are some of the initiatives

1. Pre examination work is fully automated
2. Results will be made available to the students through its website. All the examination notifications and time tables will be displayed in the website from time to time.
3. At some locations in the campus Wi-Fi facility is provided.
4. Proposed to extend Wi-Fi facility to the entire campus.

#### 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.

1. Teachers and students use Nptel video lectures, spoken tutorials, etc.
2. University is planning to record the class room lecture of the teachers and keep them accessible to the students all the time whenever they need.

**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. It is also proposed to have one e-class room for each department in the university. This facility is already 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 an 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?**

All the departments have ICT-enabled classrooms with necessary accessories.

**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?**

Most of the teachers are well versed with the preparation of computer aided teaching-learning materials. Others are assisted by the available technicians.

**4.3.9. How are the computers and their accessories maintained?**

All major departments has one technician to resolve simple issues such as installation of software, hardware and simple network related issues. Sometimes, the technicians from outside are engaged depending on the needs and problems.

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

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 university is extensively availing 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.

**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 of computers, internet, computer networking and website is seven lakh (Rs. 7.00 Lakh).

**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.**

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.

**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 and these 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.

**Any other information regarding infrastructure and learning resources which the university would like to include.**



**CRITERION V**

**STUDENT SUPPORT AND  
PROGRESSION**



## **CRITERION V**

### **STUDENT SUPPORT AND PROGRESSION**

#### **Introduction**

At Kakatiya University, students are mentored by various administrative heads from the entry to the exit points. Students are guided by necessary information, class room training, mental training, physical training, job-oriented training and placement. During their stay, students can avail of support services like library, internet, hostel, language laboratories, sports and canteen. In addition, medical support and insurance support for foreign students is also provided. Also there is a marked improvement in student performance in curricular, co-curricular and extra-curricular aspects.

#### **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?**

The Kakatiya University continues its tradition to provide academically sound and rewarding environment to the students with motivated and inspiring faculty and considers student support as an essential and most important component of its functioning. In this connection, earnest efforts are made to ensure that the students progress and achieve their optimum potential by utilizing the various facilities provided to them. 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' need from entry to exit that is from admission, curricular guidance to the level of placement counseling. Dean (Research and Development) provides guidance and assistance from the level of admission to collection of Ph.D reports. Career and Guidance Cell provides services like career guidance, coaching for national level examinations and placement. Dean (College Development Cell) coordinates the activities of all affiliated colleges. 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.

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

The University offers a number of student support services in addition to academic seminars and symposia. These include information support, financial support, library, hostel accommodation, bus transport, career guidance and counseling, appropriate services through SC/ST cell, NSS and NCC activities and avenues for sports and games.

#### **Information support**

The University provides all required educational information through the following means:  
(a) The academic calendar meant for all affiliated colleges (b) The University website.

#### **Financial support**

The major student support systems provided by Kakatiya University is the financial scheme through scholarships, merit scholarships. Fee concessions and exemption for SC/ST students, fellowship through various sources like UGC-CSIR and ICSSR etc.. In addition, the University also

provides University Research fellowships (URF), Full fee concession including examination fees is provided for the physically challenged students in PG and M.Phil programmes in the University departments.

The schemes through which the financial aid is given to students are:

- i) State Merit Scholarship.
- ii) Scholarship to Scheduled Castes and Scheduled Tribes
- iii) Listed Backward Class Scholarships
- iv) Deceased Govt. servants children
- v) Differently abled
- vi) Scholarships to Minorities
- vii) Several students are getting the CSIR, UGC, RGNF, ICSSR, Moulana Azad Fellowships etc to pursue M.Phil/Ph.D programme.
- viii) Scholarship for Economically poor students.

**Table. 5.1 Details of the fellowships**

<b>Sl. No.</b>	<b>Type of fellowship</b>	<b>Number of Fellowship</b>
1	UGC-SAP	01
2	UGC-MRP	06
3	UGC	06
4	UGC-BSR	33
5	UGC-JRF	12
6	UGC-SRF	01
7	UGC-PDF	01
8	BSR	01
9	AICTE	01
10	CSIR	01
11	CSIR-SRF	03
12	CSIR-RA	01
13	CSIR-JRF	03
14	DST-SERB	03
15	DST-SRF	03
16	DBT-MRP	03
17	ICSSR-DF	02
18	ICSSR	04
19	SERB	01
20	DAE-MRP	01
21	D.S.Kothari PDF	01
22	University Research Fellowships	22

In addition to the above, the Government of Andhra Pradesh is reimbursing the Tuition Fee and other fee to the students belonging to the SC/ST/OBC/Women and others and making these groups to access higher education. It is also ensuring equity in the education. In this regard, Kakatiya University students are the major beneficiaries as a great majority of them belong to the socially excluded groups. Some students are beneficiaries of single girl child scholarships instituted by UGC.

In addition to the above types of mentoring, students improve their confidence on oral presentations by making them to deliver seminars, by way of conducting the essay writing and elocution competitions during the special celebrations, such as Science Day, Ramanujan Birth Day, Aids Day etc., and by organizing the cultural activities by which their social interaction improves.

**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.**

Spoken English programmes, Career counselling, Placement services, The Centre for English Language Training (CELT), and Cell for Career Guidance and Counselling either independently or jointly shouldering the responsibility of attending individual students and group of students by way of conducting Spoken English classes and Soft Skills improvement.

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

Same as item 5.1.9.

**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?**

The University hand book/diary released annually by the Directorate of Admissions provides information relating to rules and regulations of admission into various courses; number of colleges and seats; profiles of departments and faculties; library facilities; support services like scholarships, health, hostels; availability of facilities to the Games and Sports; other activities of the University for the benefit of students and also other stakeholders. 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 Center for Foreign Relations, Research and Consultancy Cell also releases a brochure embedding the information about the University, its mission and vision, 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.

The Public Relations Officer also releases a Newsletter of the University bi-annually compiling the data on the various administrative and academic activities on the campus such as the administrative reforms, inaugurations, foundation stones, conduct of seminars/conferences/workshops, foreign visits by the faculty and the achievements/awards/credits of the faculty and distinctions achieved by the students academics and sports and games.

Students visit URL [www:kakatiya.ac.in](http://www.kakatiya.ac.in) for the examination schedules, results, and other information. Everyday PRO releases press notes for the coverage of news and information in print media.

**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).**

Yes, State Government (Andhra Pradesh) has introduced the full fee reimbursement scheme which has taken care of the other scholarships/bursaries/freeships. The scheme is fully operational

and as many as 95% of the students are beneficiaries. In addition scholarships for single girl (SG) child programme of UGC has been implemented. Ten (10) such scholarships are sanctioned to such girl students in different departments.

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

About 75% 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**

The Centre for Foreign Relations, Research and Consultancy (CFRAC) on the campus works with a vision: Globalization by thinking locally and acting globally with the motto 'EXPAND YOUR HORIZONS'. The Centre aims at augmenting university resources through foreign admissions and donations entering into MoUs for research and industry linkage and extending teaching and other consultancy services on-campus and off-campus. The CFRAC has an independent office in the University Auditorium. The structure and responsibilities of the Centre

- Single window agency supervising the admission of foreign students.
- Provides the international students with information on courses and services offered by the University.
- Collects various types of fee from foreign students and thus generates funds for 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 CFRAC has an Advisory Board with the composition of the Vice-Chancellor as the Chairman, the Director as the Member-Convener, and other 18 members drawn from Academic administrators and administrators including the Registrar of the University.

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

In general, the university does not provide assistance to students officially for obtaining loans. However, 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 agency 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.
  - Provided walking ramps in all the buildings on the campus.
- 3) SC/ST/OBC and economically weaker sections
    - The senior teacher is appointed as the Director of SC/ST cell. This office looks after rights and welfare of these communities. He is also a member of Student Admission Committee. Statutory reservations are provided in admissions to all courses and also 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 etc.
  - 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. On the other hand, 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. Weekend (Saturday) classes are allocated in the time-table for this purpose. All the Heads of the Departments, and Principals of constituent colleges are given instructions in this connection. During these lectures, faculty member is not supposed to take any new topic, but to repeat the topics covered in whole week.
  - 8) Exposure of students to other institutions of higher learning/ corporate/ business houses, etc.
    1. 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.
    2. Life Science students are encouraged to visit Kakatiya Medical College, Warangal, CCMB and NIN to interact with scientists.
    3. Arts and Social Sciences students are encouraged to visit University Arts College, Osmania University, Central University to make use of library resources and interact with faculty.
  - 9) Publication of student magazines

**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?**

1. SC/ST cell conducts coaching classes for students appearing for civil services and other competitive examinations.
2. NET coaching centre conducts classes for the students appearing NET/SET.

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

- Additional academic support and academic flexibility in examinations  
There is a room for remedial classes for slow learners in the time table of departments, weekend classes are dedicated for this purpose. Bridge courses are in practice for the sake of students with different background. First two weeks of academic year are identified for this purpose. There is internal choice in the scheme of examinations.
- Special dietary requirements, sports uniform and materials
- Any other (please specify)

**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?**

The Placement Cell of the University guides the students for various career and competitive opportunities open to the students. It also imparts 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. 5.4. 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 & W Arangal	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

	SuvenNishta 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, Indonasia	02
	R.D. (Water management ) Hyderabad	11
	Spectra Geo Services, Zambia, Africa	03
	Eurasiam and Minerals, Zambia, Africa	01
	Vivamed Technologies, Hyderabad	03
	TransDyne, Hyderabad	10
	Mylan Laboratories Limited, Hyderabad	11
	Infotech Enterprises Ltd, Hyderabad	06
	TransDyne, Medical Transcription Co. Hyderabad	170
	Dr. Reddy's Labs, Hyderabad	48
	Wipro	06
2012-13	Mylan Laboratories Limited, Hyd.	20
	Terra Data, HYd.	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

**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?**

The Alumni Association of Pharmacy Department is a registered body. The activities of this association includes a) the silver jubilee celebrations of one batch every year, b) a group of NRI students visit the college and interact with the faculty and 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?**

University has a Grievance Redressal Cell headed by a Professor approved by Vice-Chancellor to look after the complaints made by the students and parents. Suggestion boxes are placed at each department to collect student complaints. The cell meets periodically to redress the complaints and initiates necessary action. Here are the few illustrations:

1. One of the major grievances of the students is Internet facility in the hostel. In the connection, initially internet facility is provided in computer centre and the main library.

2. Students wanted better health care facilities and full time doctor in the health centre.
3. Students wanted better canteen facilities.
4. The University authorities have attended the said complaints.

**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.**

In general, security people keep strict watch to prevent harassment on girls students and report the incidents (if any) to the Security Officer or concerned Principal. Gender sensitivity is taken up by the Women's studies centre through special lectures. Every year Womens' Studies Centre arranges a lecture by District Police Officials. With all this care, even if there are any complaints, concerned Principal with the help of Legal Cell resolves the issues. Generally, students are advised to maintain cordial relations with others.

**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?**

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) being members. The committee meets at regular intervals and monitor the ragging activities (if any) takes place on the campus. The committee also makes efforts to bring awareness on the anti-ragging. So far only a few minor accidents 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 universities are established to impart education to the student community in the society.

**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 also 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 inter university competitions in last five years are the following.

- 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.**

Sl. No.	Course Level	Student progression											
		2008-09		2009-10		2010-11		2011-12		2012-13		2013-14	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	M.A.(ECONOMICS)	3343	256	3984	287	2627	287	2577	332	1839	332	1220	555
2	M.A.(ENGLISH)	1256	241	2004	241	1560	241	2211	280	1743	280	1282	470
3	M.A.(HINDI)	102	60	123	60	78	60	115	70		70	-	70
4	M.A.(HISTORY)	425	70	456	70	373	70	347	70	322	70	285	100
5	M.A.(POLITICAL SCIENCE)	1060	70	1475	100	1288	100	1055	100	942	100	737	100
6	M.A.(PUBLIC ADMINISTRATION)	417	70	495	70	354	70	325	70	280	70	165	100
7	M.A.(SOCIOLOGY)	109	21	231	60	203	60	243	60	157	60	160	60
8	M.A.(TELUGU)	764	155	1118	185	1052	185	1719	195	1630	195	1561	335
9	M.COM.	3450	1012	5477	1122	3726	1122	5582	1720	4232	1720	6357	2572
10	M.COM.(FINANCIAL ACCOUNTING)	629	21	914	21	516	21	720	70	2292	70	176	0
11	MASTER OF HUMAN RESOURCE MGT.	699	102	913	152	466	152	472	202	295	202	281	242
12	MASTER OF TOURISM MANAGEMENT	132	35	179	35	244	35	219	35	202	35	57	35
13	M.SC.(BIO-CHEMISTRY)	551	18	528	18	299	18	269	78	127	78	258	78
14	M.SC.(BIOTECHNOLOGY)	1745	28	2017	32	817	32	904	62	484	62	1454	62
15	M.SC.(BOTANY)	2675	347	3226	539	1440	539	2453	689	1879	689	3700	755
16	M.SC.(CHEMISTRY)	11637	793	14394	1071	7561	1071	8296	1170	5052	1170	3700	1825
17	M.Sc. Computer Science	765	460	754	470	339	470	663	500	-	500	3006	0
18	M.SC.(MATHEMATICS)	1721	721	2518	721	1230	721	2416	821	2596	821	3006	891
19	M.SC.(MICROBIOLOGY)	1101	297	1215	333	465	333	695	333	427	333	201	333
20	M.SC.(PHYSICS)	1456	443	2037	443	1149	443	1444	485	1385	485	1463	625
21	M.SC.(ZOOLOGY)	1951	233	2425	305	1159	305	1880	305	1487	305	196	435
22	P.G.DIPLOMA IN SERICULTURE	32	12	48	12	41	12	81	12	54	12	26	12
23	M.Ed.	2620	100	3816	125	3146	125	3957	147	2719	147	233	147
24	M.L.I.Sc.	57	20	91	20	88	20	116	20	89	20	109	20
25	M.A.(SOCIAL WORK)	461	40	794	70	755	70	1275	120	1515	120	1685	406

26	M.Sc. 5 Years Integrated Course	0	0	0	0	0	0	0	0	467	0	489	210
27	M.Sc. Psychology	0	0	0	0	0	0	0	0	98	0	122	35
28	M.C.J	0	0	0	0	0	0	0	0	203	0	285	35
29	M.P.Ed	0	0	0	0	0	0	0	0	0	0	689	40
	TOTAL		5625		6562		6562		7946		7946		10548

Students Progression	%
UG to PG	90
PG to M.Phil.	80
PG to Ph.D.	85
Ph.D. to Post-Doctoral	50
Employed	40
• Campus selection	
• Other than campus recruitment	60

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

Academic calendar is prepared before beginning of the academic year and it is strictly adhered to. Results are announced in a recorded time to facilitate the students for further academic opportunities/job opportunities..

**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, Defense, civil services etc.?**

1. NET/SET 264
2. GPAT 48
3. GATE 102

**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.**

Sl. No.	Year	Number of Ph.D theses		Number of M.Phil. theses		Number of D.Sc. theses	
		Submitted	Accepted	Submitted	Accepted	Submitted	Accepted
1	2008- 09	111	111	41	41		
2	2009-10	124	124	58	58		
3	2010-11	108	108	34	34		
4	2011-12	154	154	39	39		
5	2012-13	123	123	28	28		
	2013-14	128	128	42	42		

**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 an advisory board, Secretary as the convener takes care of organisation and improvement of sports activities. The facilities include 1) Indoor Stadium (3 Badminton Court & 2 Table Tennis courts) 2) One Gymnasium Hall 3) 400 Mtrs. Standard Track 4) 600 Mtrs Walking Track 5) 2 No's Kho-Kho courts 6) 2 No's Kabaddi courts 7) 3 No's Handball courts 8) 6 No's Cricket Pitches (60 Mtrs) 9) 3 No's Volley Ball courts 10) one Basket Ball court 11) one Ball Badminton court 12) one No. Hockey Play field 13) one Foot Ball Play field

In addition to routine yearly sports activities like inter-departmental students 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.

7. Kho-Kho (South-West Zone 2009-10) Competitions
8. Cricket (South-Zone 2010-11)
9. Handball Men & Women (South-Zone 2011-12)
10. Kabaddi (Men), Central-Zone (2013-14)
11. Cricket (Men & Women) Central Zone (2013-14)
12. Handball (Men & Women) Central-Zone (2013-14)

Out of around 4,500 students on the campus this year around 1000 students participated in sports and games activities on the campus. The notable point is that about 5000 students from all the colleges of university (affiliated and constituent) around 5000 students participated in various sports and games activities outside the university.

Sl. No.	Year	Medals tally in inter-university events
1	2010-11	34
2	2011-12	52
3	2012-13	10
4	2013-14	87

Cash incentives are also given to the winners in sports and games for encouragement. The following are the incentives.

Gymnastics Rs. 3,000/-  
Athletics Rs.4,000/-  
Archery Rs. 6,000/-  
Kabaddi Rs. 3,000/-

Power lifting Rs. 4,000/-  
Handball Rs. 3,000/-  
Cricket Rs. 1,000/-

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. 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.**

1. KU College of Engineering and Technology every year organizes quiz programme on technical skills on Engineers Day (the birthday of famous engineer Vishveswaraiah).
2. The Department of Mathematics organizes University level 'Aptitude Test' on 12<sup>th</sup> December (the birthday of famous Indian Mathematician Srinivasa Ramanujan)
3. Every year Department of Physics organizes University level essay writing and elocution and quiz programme on science topics on 28<sup>th</sup> February the National Science Day (In honour of Nobel Laureate Sir C.V.Raman).

In the said co-curricular activities, it is evident from the results that University students are showing a better performance.

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?**

The NSS unit of the university conducted the following competitions to promote heritage consciousness among the students.

1. Vocal (solo),
2. National group song,
3. Folk song,
4. Instrumental music,
5. Debate,
6. Essay writing,
7. Quiz,
8. Folk dance,
9. Poetry competition,
10. Folk art (Rangoli).
11. Programmes encouraging the clay Ganesh idols,
12. Spot painting.

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.

**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 news papers. Their publications are duly appreciated in their respective departments and kept in the notice boards of the departments.

**5.3.5. Does the university have a Student Council or any other similar body? Give details on its constitution, activities and funding.**

Earlier, there were student council elections. Because of too much political interference, state government banned elections in colleges and universities.

**5.3.6. Give details of various academic and administrative bodies that have student representatives on them. Also provide details of their activities.**

1. Mess committees representing students at various hostels take care of issues related to hostel.
2. Anti-Ragging committee at the department level consists of four students (two boys and two girls).

**Any other information regarding Student Support and Progression which the university would like to include.**

**CRITERION VI**

**GOVERNANCE, LEADERSHIP AND  
MANAGEMENT**



## **CRITERION VI**

### **GOVERNANCE, LEADERSHIP AND MANAGEMENT**

#### **Introduction**

The governance of the University begins with His Excellency the Governor of Andhra Pradesh as Chancellor at the helm followed by the, Vice Chancellor as the Principal Executive Officer, is vested with authority and responsibilities well delineated in the statutes of the Kakatiya University. The statutes and amendments also provide for the powers and duties of various administrative officers such as Registrar and Controller of Examinations. The Kakatiya University has, in the organizational hierarchy statutory bodies like the Executive Council, Academic Senate, Faculties, Finance Committee and Board of Studies. Such a structure in addition to lending checks and balances in the functioning, enables utilization of collective wisdom in decision making.

#### **6.2 Institutional Vision and Leadership**

##### **6.1.1. State the Vision and Mission of the University**

#### **Vision of the University**

“Kakatiya University aims at being one of the leading centres of higher education to be emulated by other universities in the country through generation and dissemination of knowledge to the society and inculcating competitive spirit and human values among the students; promoting harmony and peace in the society; and contributing in a distinct way for the amelioration of the weaker sections in an economically, socially and educationally backward region of the state. It has been striving constantly to achieve its vision through lofty standards in teaching, research and extension activities by involving all the stakeholders.”

#### **Mission of the University**

“The Mission of the University is to march towards academic excellence in teaching, research and extension activities by promoting access, equity and quality of education. The following goals reflect the mission of the University:

- To attain laudable standards in teaching
- To impart qualitative knowledge and develop all round skills of the students keeping in view the latest technological advancement and innovations.
- To achieve laurels in research and making it contemporary and socially relevant.
- To undertake collaborative research work with reputed national and international institutions/organizations.
- To undertake extension activities/services and involve the faculty and students in the community services and contribute to bring social harmony and peace in the society.
- To inculcate right values, culture, tradition and humane values among the students.
- To equip the students to meet the global challenges of 21<sup>st</sup> century.
- To promote national integration among the students.
- To promote interaction between the university and civil society.
- To make the university administration more transparent and accountable.
- To involve the university in extension activities for Community development and Environmental protection.
- To provide the socially deprived sections of the society access to higher education to ensure equity.”

**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 strives to achieve its goals envisioned in the “vision for the future” by constant efforts distinctly devised.

**6.1.3. How is the leadership involved**

- **in ensuring the organization’s management system development, implementation and continuous improvement?**

**Organization and management**

The Executive Council is the apex executive and governing body, the Executive Council is the supreme decision making body, and the 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 namely University faculty, affiliated college principals and faculty, 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 and in identifying the organizational needs. It also promotes a culture of participative management.

**Composition of Executive Council**

The Executive Council shall consist of the following persons namely:

**Class I – Ex. Officio Members**

- i) the Vice-Chancellor
- ii) the Rector
- iii) the Secretary to Government in the Education Department or an Officer in the Education Department nominated by the Government.
- iv) the Secretary to Government in the Finance and Planning (Finance Wing) Department or an officer in the Finance and Planning (Finance Wing) Department nominated by the Government.
- v) The Director of Higher Education/the Commissioner of Collegiate Education.

**Class II – other Members**

- i) One senior professor of the University Colleges to be nominated by the Government.
- ii) One principal of the University College to be nominated by the Government.
- iii) One Principal of the affiliated colleges to be nominated by the Government.
- iv) One teacher from among the teachers of the University Colleges to be nominated by the Government.
- v) One teacher from among the teachers of the affiliated colleges to be nominated by the Government.
- vi) Four eminent persons representing industry, agriculture, trade commerce, education, public life, legal profession, social work etc., to be nominated by the Government.

**Composition of the Academic Senate**

The Academic Senate shall consist the following persons, namely

**Class I Ex-Officio Members:**

- i) all members of the Executive Council.
- ii) all Deans of Faculties.
- iii) all Ex-Vice-Chancellors of the university.
- iv) the Director of Technical Education.

- v) the Director of Medical Education.
- vi) the Director of School Education.
- vii) the Director of Adult Education.
- viii) the Director of Intermediate Education.
- ix) the Chairman of the Andhra Pradesh State Council of Higher Education or in his absence the Vice-Chairman thereof.
- x) the Director, Telugu Akademi.
- xi) all the members of the University Planning and Monitoring Board.

#### **Class II Life Members**

- i) all donors who are earlier members of the erstwhile Senate.
- ii) All persons who donate an amount of not less than rupees five lakhs to the university.

#### **Class III Members to be nominated by the Government**

- i) One-third or twenty professors, whichever is less, of the University College, by the rotation.
- ii) One-third or twenty Principals, whichever is less of the affiliated colleges in the university area by rotation.
- iii) Seven persons of whom two shall belong to members of the Scheduled Castes and one shall belong to Scheduled Tribes, two shall belong to Backward Classes and two shall be women.
- iv) Two Principals of Junior Colleges or Higher Secondary Schools in the university area.
- v) Ten persons to represent professionals belonging to the fields of medicine, Engineering, business, law, banking etc.
- vi) Two persons belonging to the non-teaching staff employed in the colleges of the university area.
- vii) Six students to be nominated on merit basis of whom two shall be undergraduates, two shall be postgraduates, one shall be a research scholar and one student of a professional college.
- viii) One Librarian of any college in the university area.
- ix) One Physical Director of any college in the university area.
- x) Two persons from Research Laboratories or institutions of the Government of India in the university area.
- xi) One professor from each of other universities in the state.
- xii) Two representatives of the managements of private colleges in the university area.

#### **Class IV Elected Members:**

- i) Ten teachers to be elected from among the teachers of the university colleges from among themselves according to the principle of proportional representation by means of single transferable vote and according to procedure prescribed by the Statutes.
- ii) Ten teachers to be elected from among teachers of the affiliated colleges in the university area from among themselves according to the principle of proportional representation by means of single transferable vote and according to procedure prescribed by the Statutes.
- iii) Ten members of the Legislative Assembly to be elected from among the Members of the Legislative Assembly of whom two each shall belong to scheduled Castes, Backward Classes and one Scheduled Tribes from among themselves according to the principle of proportional representation by means of single transferable vote and according to procedure prescribed by the Statutes.

The functioning of these bodies has always adhered to the established democratic norms. The statutory bodies meet as per the statutes regularly and frequently if required, to take decisions in line with the overarching goal of the university.

## **Delegating leadership to affiliated colleges**

The University has under its fold 490 affiliated colleges of which as many as 5 enjoy Autonomous Status and one college with Potential for Excellence. The University facilitates colleges to gain autonomous status. As knowledge management strategy, the university provides its representatives to Governing and Academic bodies of autonomous colleges. This promotes introduction of new programmes and innovations in curriculum, conduct of examination and maintenance of standards.

The autonomous colleges issue mark and grade sheets but the degree is issued by the University. The knowledge management strategy at the university ensures that the academic decisions of its 25 departments are taken collectively by the faculty team of the department called Departmental Committee, Departmental Research Committee, Board of Studies and Faculty. This strategy also helps in grooming leadership among the teachers. The National Service Scheme (NSS) unit of the university organizes regular and special camps related to health and hygiene, literacy, environment, personality development, etc.

It is noteworthy that the University received the Indira Gandhi Award for the best service rendered by the NSS volunteers of the University for the year 2010-2011.

## **Internationalisation**

The University has signed MoU with 13 foreign 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 and meeting the eligibility requirements. 15% supernumerary seats are available in all the PG courses (Regular programmes only) for foreign nationals including NRIs. They need not appear for an entrance test. The 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. The curriculum is designed to attract international students. The demand from international students for admission to the University has been increasing over the years. During the last five years, UG students, PG students and Ph.D. scholars from foreign countries have pursued their studies in the University. Under the MoU, students from abroad spend a semester or two in the University campus and attend classes along with regular students. Likewise 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.

In this period of assessment University has achieved considerable success in attracting foreign students. CFRAC has done tremendous planning. In the last five years 38 admissions were made. CFRAC has so far attended to 181 admissions and enquiries (21 Alumni + 79 admissions + 81 enquiries) from 19 countries such as Afghanistan, Bangladesh, Brazil, Canada, Cyprus, Oman, Ethiopia, Italy, Iran, Iraq, Libya, Palestine, Saudi Arabia, South Korea, South Sudan, Sri Lanka, Tanzania, Uganda and the USA.

The MoUs entered by Kakatiya University are the following:

- 30) The Department of Plant Molecular Biology, Groningen University, The Netherlands and the Department of Biotechnology, Kakatiya University.
- 31) The Botanical Institute Ludwig, Maximillians University, Munich, Germany and the Department of Botany and Biotechnology, Kakatiya University,
- 32) The Murdoch University, Perth, WA and the Department of Biotechnology, Kakatiya University,
- 33) The National Centre for Genetic Resources & Biotechnology, Brasilia, Brazil and the Department of Biotechnology, Kakatiya University,
- 34) Eritria Institute of Technology, Asmara,

- 35) The Central Michigan University, USA,
- 36) The European Union under ERAMUS Project,
- 37) Doctus, Hyderabad,
- 38) WSU, MSU and ISU, USA in Biotechnology,
- 39) Girne American University, Cyprus, UK,
- 40) NTH Co., Ltd., Japan,
- 41) NSL Mining Consolidated Ltd, Australia and
- 42) MDI, Gurgaon for the exchange of students and teachers between the institutions.
- 43) Australian Centre of Industrial Biotechnology, Austria and Kakatiya University
- 44) International Institute of Waste Management, Bhopal, M.P. and Kakatiya University.
- 45) University of Malaysia Pahang, Malaysia (Govt. Of Malasia), Kakatiya University.

**Promoting the use of technology;** use of computers, LEDs, internet, Wi-fi, etc

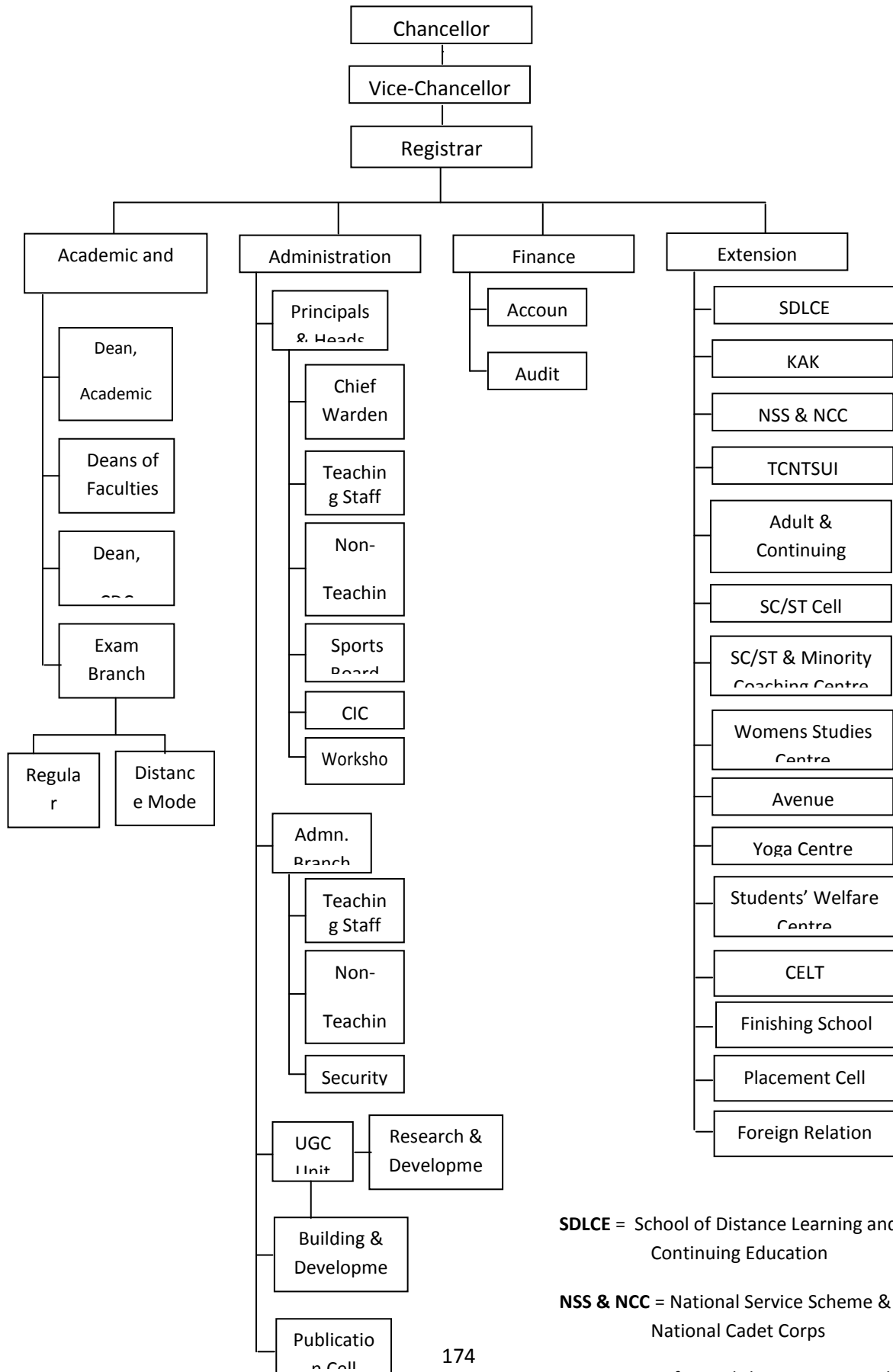
Every department in university has one technician to resolve the simple issues such as installation of software, hardware and networking related issues. Services will be taken from outside if it is not possible to solve issues by technicians of the university. Small departments will engage the technician from outside depending on their needs. Traditional user name/ password mechanism is used by individual systems to protect the information. There is no specific general policy / mechanism. 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. It is also proposed to adopt different security mechanisms in the near future. Specialized Software procured and maintained by the individual departments. Open source software is widely used for academic training.

### **Quest for Excellence**

The university was ranked 38 by Neilson survey, The testimony to the quality of the academics of the university is the short listening of DBT-BUILDER programme very recently.

## Organizational structure and decision making process

The following flow chart of administration of the university explains the organization.



**SDLCE** = School of Distance Learning and Continuing Education

**NSS & NCC** = National Service Scheme & National Cadet Corps

**CELT** = Centre for English Language Teaching

## **Quality Assurance**

The University has an effective internal coordination and monitoring mechanism through the Deans' Committee on Academic Administration, IQAC for the academic quality assessment, Finance division to facilitate fast-track implementation of the approved projects of the University. The Vice-Chancellor, along with the Registrar and the appropriate officers, meets the teaching faculty of the University Departments, Heads of the Departments and the Principals of affiliated institutions periodically. While the Registrar has formal meetings with the administrative staff frequently, the Vice Chancellor meets them formally twice a year. The Executive Council, which is the apex decision-making body of the university, meets twice annually. The Academic Council which oversees the academic activities of the University meets twice a year. The finance Committee, which is statutory decision recommending body on matters concerning the finances of the University, meets as frequently as required with a minimum of at least two meetings annually. The University's policy to ensure quality in all spheres is manifest in providing transparency in its operations. A typical example is all the students of the University's departments are provided with their evaluated answer scripts of internal assessment tests to ensure error free evaluation and for student feedback.

## **Academic autonomy**

The University has constantly encouraged the autonomous functioning of its academic departments and in turn sought their accountability. The Executive Council of the University and the Vice Chancellors the Chairman of the Executive Council provide effective leadership to the University with the organizational hierarchy significantly de-centralised in its decision-making powers by providing both academic and financial autonomy. The faculty in the departments has absolute autonomy in designing of curriculum, conduct of programmes and evaluation of the same within the framework of the university. Many members of the faculty participate in the day to day administration of the University by serving as members on special committees, whose recommendations are taken up by the Executive Council for implementation.

## **Grievance redress system**

The University has a well established mechanism to address the grievances received from students, faculty members, non-teaching staff and general public. The details of grievance redressal relating to examination and evaluation are given in the application form for examination and also available on University website. Student grievances relating to admission, hostels etc. are addressed by a separate committee constituted by the University authorities

The Grievance Redressal Committee consists of a Senior Professor as a Chairman, the Principal, University College and the President/Secretary of the Association of Kakatiya University Teachers as Members. The Deputy Registrar, Administration is the Convener of the Committee.

A particular initiative of the University is the zero tolerance for any kind of ragging/harassment which will cause inconvenience to students in academic institutions. The University has appointed a high level committee with the Vice Chancellor as the Chairperson, Principals of different colleges and Heads of the Departments to consider any issue pertaining to ragging in the University departments and affiliated colleges. In the period during review there has been no instance of ragging in the University departments. The members of the Committee and their contact numbers are displayed in all buildings.

The Anti-Ragging Monitoring Committee consists of

- i) The Dean, Academic Audit is the Chairman.
- ii) The Principals of all the Constituent Colleges as Members.

- iii) The Directors of PG Admissions, Students Welfare Centre, Women's Studies Centre, SC/ST Cell, BC Cell as members.
- iv) The Secretary, University Sports Board.
- v) The Programme Coordinator, NSS Unit.
- vi) Two Women Professors.
- vii) The General Secretary AKUT.
- viii) The Public Relations Officer as members and.
- ix) The Director, University Hostels as member and Convener.

The open door policy of the University administration provides students as well as alumni access to department Heads, Deans and even the Vice Chancellor to give feedback on the functioning of the institution.

### **Students' feedback and academic audit**

- **in interacting with its stakeholders?**

The student is supposed to be interacted with his/her fellow students, teachers and supporting staff in the college campus. This interaction will enhance their confidence level and abilities to communicate with their fellow beings. It also gives opportunity to freely express their views and also transfer their opinions in lucid fashion. Close cooperation is possible with teachers and that will lessen the gap and facilitates very good education. It will train the students to work cordially, with cooperation in their working place. Apart from the students the institution is also interested to interact with other stakeholders (parents, teaching staff, non-teaching staff, communities) to take measures in improving the quality of education and ultimately making a student as an agent of social good in an unknown future.

- **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 the parties of the institution. In turn it leads to reinforcement of culture of excellence among the institutions of higher learning.

- **in identifying organizational needs and striving to fulfill them?**

The institutions of higher learning have the goals and needs to be fulfilled in the course of their functioning. Institutions further have to strive hard for fulfilling the needs of the society by taking appropriate steps in identifying the gaps and in turn achieve the goals.

#### **6.1.4. Were any of the top leadership positions of the university vacant for more than a year? If so state the reasons.**

The Executive Council of the University includes a few government officials and a few academicians and participation from different fields of the society like social workers, educationists, etc.

For last two to three years the positions of university teachers and members from the society are vacant. The authority to fill them by nomination is with the state government. However, no other statutory position that can be filled at the level of the Vice-Chancellor is vacant.

#### **6.1.5. Does the university ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?**

At Kakatiya University the system in practice in administration is that the Deputy Registrar (Teaching), the Deputy Registrar (Non-Teaching) and Deputy Registrar (Academic) are the officers who maintain the files pertaining to the appointment of persons to the statutory posts. They forward the files around 15 days before the end of the term of any individual for any posts, to the Registrar

and subsequently to the Vice-Chancellor for the appointment. And in this process in last five years no such position was vacant for more than one or two weeks.

**6.1.6. Does the university promote a culture of participative management? If yes, indicate the levels of participative management?**

At Kakatiya University the management system is participative right from the inception of the university. All the activities whether they are academic, administrative, sports, cultural and others depending on the size and the requirement, the assistance is received both from teaching and non-teaching staff of the university. There is good unity among all the employees in bringing the success to the university.

**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 has under its fold 490 affiliated colleges of which as many as 5 enjoy autonomous status and one are colleges with potential for excellence. The University facilitates colleges to gain autonomous status. As knowledge management strategy, the university provides its representatives to Governing and academic bodies of autonomous colleges. This promotes introduction of new programmes and innovations in curriculum, conduct of examination and maintenance of standards.

The autonomous colleges issue mark and grade sheets but the degree is issued by the University. The knowledge management strategy at the University ensures that the academic decisions of its 25 departments are taken collectively by the faculty team of the department called Departmental Committee. This strategy also helps in grooming leadership among the teachers. The National Service Scheme (NSS) unit of the University organizes regular and special camps related to health and hygiene, literacy, environment, personality development, etc. It is noteworthy that the University received the Indira Gandhi Award for the best service rendered by the NSS volunteers of the University for the year 2010-2011.

**Academic autonomy**

The University has constantly encouraged the autonomous functioning of its academic departments and in turn sought their accountability. The Syndicate of the University and the Vice Chancellor provide effective leadership to the University with the organizational hierarchy significantly de-centralised in its decision-making powers by providing both academic and financial autonomy. The faculty in the departments has absolute autonomy in the designing of curriculum, conduct of programmes and evaluation of the same. Many members of the faculty participate in the day to day administration of the University by serving as members on special committees, whose recommendations are taken up by the Executive Council for implementation.

**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.

**6.1.9. How does the university groom leadership at various levels? Give details.**

The university authorities have a practice of delegating certain assignments to faculty members to get insight into the roles and responsibilities of leadership by making them members in the committee. The faculty members who are assigned some tasks are accountable for their

assignments. This type of practice enables the faculty to assume greater roles and make them to become leaders as and when the need arises.

**6.1.10. Has the university evolved a knowledge management strategy? If yes, give details.**

The university keeps all the generated outcomes of the projects in its website (soft copies) and dissertation reports (hard copies) in the library which can be accessed by anyone interested. Further the socially relevant, with some 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. These have generated funds for the university. There is an effective procedures laid down by the university for knowledge sharing by the University Consultancy Cell. The norms are laid down which are approved by the administrative bodies.'

**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 student treatment. The university prepares the students as statesmen and administrators to participate in national development.

- **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.

Some of the patents have been shared by corporate/industrial houses and the technologies transferred. These have generated funds for the university. There is an effective procedures laid down by the university for knowledge sharing by the University Consultancy Cell. The norms are laid down which are approved by the administrative bodies.

The faculty members who are assigned some tasks are accountable for their assignments. This type of practice enables the faculty to assume greater roles and make them to become leaders as and when the need arises.

- **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 to be used by the faculty and students at least for 10-12 hours per day. In most of the science and technology departments there are good facilities like computers room, internet and access to INFLIBNET, printers, scanners etc for the use of the faculty and when necessary even for students with the help of teachers. A good percentage of students make use of the power point facilities to present their seminars, project work, Pre-design and Pre-submission seminars by Research Scholars. Teachers also improved their skills of preparing power point presentations, lecture notes etc for the purpose of teaching. Whenever there are invited talks, extension lectures, seminars, conferences, workshops the resource persons invariably use the latest technology that is available in the departments.

In Social Science departments also almost all the teachers were given the same facilities but the student involvement in the use of these facilities has to be promoted.

- **Quest for excellence**

The academics of this university have shown consistent thirst for excellence in last five years. This is evident from the increased number of research publications, number of research projects supported by various national funding agencies. The sanction of UGC-

DRS-SAP by UGC to 12 departments and DST-FIST top seven departments is also because of the motivation of the teaching faculty towards the research. The academic progress of the university has been estimated and ranked by the survey of Neilson and the university was ranked at 38. The DBT, Government of India has shortlisted this university for the sanction of BUILDER programme.

## **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?**

- **Vision and Mission**

Kakatiya University aims at being one of the leading centres of higher education to be emulated by other Universities in the country through generation and dissemination of knowledge to the society and inculcating competitive spirit and human values among the students; promoting harmony and peace in the society; and contributing in a distinct way for the amelioration of the weaker sections in an economically, socially and educationally backward region of the state. It has been striving constantly to achieve its vision through lofty standards in teaching, research and extension activities by involving all the stakeholders.

- The Mission of the University is to march towards academic excellence in teaching, research and extension activities by promoting access, equity and quality of education. The following goals reflect the mission of the University:
- To impart qualitative knowledge and develop all round skills of the students keeping in view the latest technological advancement and innovations.
- To achieve laurels in research and making it contemporary and socially relevant.
- To undertake collaborative research work with reputed national and international institutions/organizations.
- To undertake extension activities/services and involve the faculty and students in the community services and contribute to bring social harmony, and peace in the society.
- To inculcate right values, culture, tradition and humane values among the students.
- To equip the students to meet the global challenges of 21<sup>st</sup> century.
- To promote national integration among the students.
- To promote interaction between the University and civil society.
- To make the University administration more transparent and accountable.
- To involve the University in extension activities for Community development and Environmental protection.
- To provide the socially deprived sections of the society access to higher education to ensure equity.

- **Teaching and Learning**

At least for last 20 years the yearly academic schedule of the university was not disturbed. In spite of separate Telangana agitation for last 14 years, though the students participated now and then, the advance strategies of planning and implementation due to the continuous coordination of the university administration with the colleges and the departments made it possible to maintain the academic schedule without any dislocation.

- **Research and Development**

Quality research and its resultant product/outcome is the strategy which is the priority area in the strategy development and deployment of our universities. The government organization like DST, DBT, CSIR, ICSSR are supporting for undertaking cutting edge research. The aim of the research is to develop new product and their commercialization leading to societal benefit.

- **Community engagement**

The institution has got an inbuilt policy of engaging itself in the community developmental programme like adoption of the villages, awareness about health, hygiene, nutrition and social issues and problems.

- **Human resource planning and development**

The universities has developed a policy to prepare human resources for meeting the social needs with the help of introducing the need based/vocational/market oriented courses. The students will be trained in respect of skills, attitude, knowledge and competencies so that the candidate will be equipped with required abilities to face the challenges in the context of globalization.

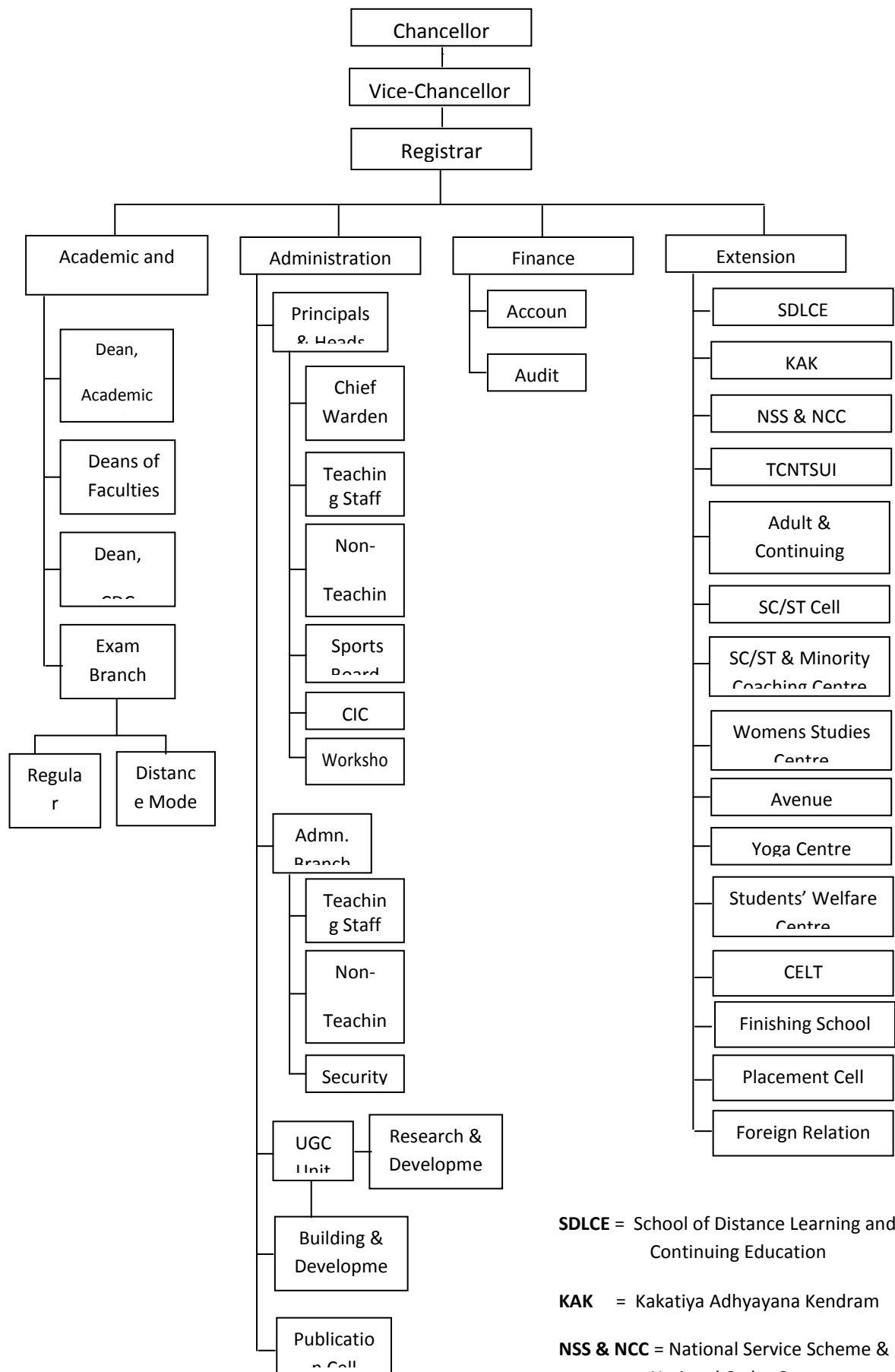
- **Industry interaction**

The university takes steps to develop interaction between industry and the institution by involving the personnel from various sections of the industry to meet the industry needs. The university invites the practicing managers to give seminars/to give practical inputs to the students. The students also will be taken to the on-site training to understand the intricacies of managing the organizations.

- **Internationalisation**

The university has developed MoUs with different foreign universities to facilitate the student and faculty exchanges. This process enables the both institutes in excelling in their respective fields.

**6.2.2. Describe the university's internal organizational structure and decision making processes and their effectiveness**



**6.2.3. Does the university have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?**

There is an established Internal Quality Assessment Cell (IQAC) which performs all the functions of design, delegation, drive & deployment, and monitoring activities.

**6.2.4. Does the university encourage its academic departments to function independently and autonomously and how does it ensure accountability?**

All the academic departments function through bodies like Departmental Committees, Board of Studies and various committees which function democratically.

**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 258 cases have been filed against the university out of which 86 cases were disposed. The cases filed are related to (1) service matters of Teaching and Non Teaching (2) students admissions/exams etc., (3) fee 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.

**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?**

Every positive suggestion from the students during the feedback is taken up seriously and implemented. In this context, the old student (Alumni) association of individual departments play a key role.

**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 best performing ones. They will be rewarded during Independent Day/ Republic Day celebrations with suitable awards.

**6.2.9. What mechanisms have been evolved by the university to identify the developmental needs of its affiliated institutions?**

**Objectives:**

- i) To ensure proper planning and integrated development of affiliated colleges by providing necessary help and guidance. Though Advisory Bodies/Governing bodies which effectively act as catalyst in the development.
- ii) To ensure interaction between the faculty of the University and the affiliated colleges for improvement of standards. The Dean, College Development Council, Kakatiya University acts as an effective unit in this regard.

**Functions:**

1. 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.
2. Coordination with Andhra Pradesh State Council of Higher Education regarding joint inspections for establishment of new colleges and restructured courses at the existing colleges.
3. 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.,
4. Recommending to University for sanction of additional strength to the affiliated colleges based on the space and other facilities available at the colleges.
5. 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.
6. To facilitate change of premise and change of society of the affiliated colleges through due inspection as per University / APSCH 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, College Development Council, Kakatiya University.

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 AP State Council of Higher Education and the affiliated colleges of Kakatiya University. The Office of the College Development Council was started in 1982. In addition to the routine functions of affiliated, the College Development Council has been motivating the colleges to achieve the goals, maintain academic standards, guiding the colleges to apply under different scheme 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 taking concerted efforts to enhance the professional development of teaching and non-teaching staff. The aim of the University is to make the faculty internationally competent. Newly recruited members of faculty are urged to undergo mandatory Orientation and Refresher courses through the Academic Staff College. The University also reimburses the research project proposal expenses of faculty submitting applications for extra-mural grants. Travel grants are also provided to faculty who are invited to present their project proposal 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 and National Conferences, Symposia, etc. Faculty members are encouraged to undergo summer training and to attend specialized workshops for capacity building in their respective areas of specialization. The large number of MoUs (16 MoUs and 45 Collaborations) and collaborations were signed with international and national universities facilitates such faculty exchanges.

**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 subjected to an appraisal of teaching abilities by way of student feedback administered 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. The non teaching staff are encouraged to pursue the courses offered by the University's own SDLCE. All administrative staff is encouraged to qualify for a computer diploma and those already employed are facilitated to acquire computer diplomas/advanced computer training. The promotion of staff in this category is based on the appraisal by confidential reports from their supervising officers and a qualifying test.

**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**

The following welfare schemes are under implementation in the university for the benefit of non-teaching staff.

- 1) Festival advance i) Gazetted Officers : Rs. 5,000/-, ii) Non Gazetted Officers : Rs. 4,000/- and iii) Class IV employees: Rs. 3,000/- and is recovered in 10 equal instalments..
- 2) 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 instalments. This facility is utilized by the 60% of the employees.
- 3) Medical Loans: Up to Rs. 20,000/- and same amount is recovered in 10 equal instalments. This facility is utilized by 50% of employees.
- 4) Special Medical Loans: up to Rs.50,000/- and the same amount will be recovered in 25 equal instalments. 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 decease.
- 5) The University Health Centre is serving both University Campus and University Arts & Science College with one Medical Officer, three consultants, one Gynaecologist, Nurse etc. This facility is for teachers, non-teachers and students.
- 6) Medical Allowance: Those employees insured for medical for their family will be reimbursed Rs. 900/- . This facility is utilized by 30% of employees.
- 7) One cycle has been allotted to every office for office attenders for use.
- 8) GLIS has been introduced for teaching/non-teaching staff with following monthly premiums.  
(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?**

Teaching: 1) By extension of service (contractual basis).

2) By supporting Emeritus Professorships for UGC/AICTC etc.

Non-Teaching: by reemployment of skilled persons for specific needs.

**6.3.5. Has the university conducted a gender audit during the last five years? If yes, mention a few salient findings.**

The gender composition in the University is well-balanced among teaching and non-teaching staff as well as research scholars and PG students. The women representation in the teaching and non-teaching category is a healthy 20% to 25%. Among the students and research scholars it is seen that women outnumber men. The University with its age old values of respect and due consideration for women has not had a single women harassment complaint in the last four years.

The composition of male and female employees is

Permanent: Professors	Male: 99, Female 12
Associate Professors:	Male 10, Female 02
Assistant Professors	Male 68, Female 44
Temporary: Assistant Professors	Male 105, Female 50.

#### **6.3.6. Does the university conduct any gender sensitization programmes for its faculty?**

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?**

Kakatiya University so far has not established Academic Staff College because the university in the neighbourhood, Osmania university is conducting periodically the programmes for teaching staff. Kakatiya University recently started feeling the requirement of an Academic Staff College due to the enormous increase in the degree and pg colleges in the catchment area 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?**

Proper use of power of authority with in the standard limits (more than Rs.5.00 Lakhs the matters has to be placed before FC & EC for approval and then after the work has to be taken.

#### **6.4.2. Does the University have a mechanism for internal and external audit? Give details.**

- 1) Pre-Audit (Internal Audit) System for admitted any payment bills.
- 2) External Audit (State Audit) and AG Audit System for effectiveness.

#### **6.4.3. Are the institution's accounts audited regularly? Have there been any major audit objections, if so, how were they addressed?**

Regular audit conducted upto date. No Major objections made individual objections/Minor Objections attended as per the guidelines.

#### **6.4.4. Provide the audited income and expenditure statement of academic and administrative activities of the last four years.**

#### **STATEMENT SHOWING THE RECEIPTS AND PAYMENTS OF FUND A/C-APRIL 2008 TO MARCH, 2009**

RECEIPTS		PAYMENTS	
51 Grant from State Govt	218857400.00	01 Teaching salaries	117026047.00
52 Income A/c- Fee from Students	110855474.00	02 Non-Teaching Salaries	106152446.75
61 Income for Bldings &Other properties	1573443.00	03 Travelling Allowances	1593626.00

62 Interest on various Funds	3454359.00	05 Academic contingencies	4311887.00
67 University Auxiliary services	1201273.38	06 Administrative Contingencies	3485394.57
68 transfers From other parts	82700000.00	07 common Contingencies	5362963.00
90 Loans Advances ETC	3331040.00	08 Common Service& General Charges	1219126.00
91 Others	43560988.90	09 Grants& Subscriptions-others	447090.00
	53493107.70	10 Creation of New Infrastructure	6061365.00
		11 Maintenance of charges	87999697.00
		12Maintenance of Services	13189030.80
		14 Student services	37936.00
		15Welfare/Recreational Activities	45200.00
		31 Pension	50587695.00
		32 Gratuity &commutation of pension	39618487.00
		51 Honorarium	596112.00
		52 Other payments	27127534.00
		90 Loans Advances Etc.	9168913.50
		Others	138899961.70
<b>Total receipts</b>	<b>51,90,27,085.98</b>	<b>Total Expenditure</b>	<b>53,37,30,512.32</b>
<b>Opening Balance</b>	<b>3,72,01,891.81</b>	<b>Closing Balance</b>	<b>2,24,98,465.47</b>
<b>Grand total</b>	<b>55,62,28,977.79</b>	<b>Grand total</b>	<b>55,62,28,977.79</b>

**STATEMENT SHOWING THE RECEIPTS AND PAYMENTS A/C-APRIL 2009 TO MARCH, 2010**

RECEIPTS		PAYMENTS	
51 Grant from State Govt	199386084.00	01 Teaching salaries	110596723.00
52 Income A/c- Fee from Students	131291470.00	02 Non-Teaching Salaries	115718094.50
61 Income for Bldings &Other properties	1548390.00	03 Travelling Allowances	2823755.00
62 Interest on various Funds	284444.00	05 Academic contingencies	4016846.00
67 University Auxiliary services	1804882.00	06 Administrative Contingencies	3402061.00
68 transfers From other parts	143850000.00	07 common Contingencies	5445832.90

90 Loans Advances ETC	3671000.00	08 Common Service& General Charges	565004.00
91 Others DEBTS ETC	28294344.93	09 Grants& Subscriptions-others	20882750.53
	90035316.95	10 Creation of New Infrastructure	12079559.00
		11 Maintenance of charges	12661479.77
		12 Maintenance of Services	91629.00
		14 Student services	96600.00
		15 Welfare/Recreational Activities	85784692.00
		31 Pension	41714280.00
		32 Gratuity & commutation of pension	921274.00
		51 Honorarium	37079399.00
		52 Other payments	2400000.00
		90 Loans Advances Etc.	6486465.00
		Others	116992931.68
<b>Total receipts</b>	<b>60,47,23,342.88</b>	<b>Total Expenditure</b>	<b>57,97,59,376.38</b>
<b>Opening Balance</b>	<b>2,24,98,465.47</b>	<b>Closing Balance</b>	<b>4,74,62,431.97</b>
<b>Grand total</b>	<b>62,72,21,808.35</b>	<b>Grand total</b>	<b>62,72,21,808.35</b>

**STATEMENT SHOWING THE RECEIPTS AND PAYMENTS OF FUND A/C-APRIL 2010 TO MARCH, 2011**

RECEIPTS		PAYMENTS	
51 Grant from State Govt	417745050.00	01 Teaching salaries	234201174.70
52 Income A/c- Fee from Students	152247922.00	02 Non-Teaching Salaries	160880241.50
61 Income for Bldings & Other properties	2343106.00	03 Travelling Allowances	1700471.75
62 Interest on various Funds	146334.00	05 Academic contingencies	3095207.00
63 Publication cell & stores	13660808.00		1174071.00
67 University Auxiliary services	1735281.00	06 Administrative Contingencies	7068472.00
68 transfers From other parts	175023930.00	07 common Contingencies	2450732.00
90 Loans Advances ETC	3940610.00	08 Common Service& General Charges	520968.00
91 Others DEBTS ETC	62982785.64	09 Grants& Subscriptions-others	3586796.00
	102502318.00	10 Creation of New	4395099.00

		Infrastructure	
		11 Maintenance of charges	14345884.00
		12 Maintenance of Services	65203.00
		14 Student services	64478.00
		15 Welfare/Recreational Activities	87223906.00
		31 Pension	44055825.00
		32 Gratuity & commutation of pension	1990768.00
		51 Honorarium	49061935.00
		52 Other payments	40000000.00
		90 Loans Advances Etc.	7064480.50
		Others	259582179.50
<b>Total receipts</b>	<b>93,23,28,144.64</b>	<b>Total Expenditure</b>	<b>92,25,27,891.95</b>
<b>Opening Balance</b>	<b>4,74,62,431.97</b>	<b>Closing Balance</b>	<b>5,72,62,684.66</b>
<b>Grand total</b>	<b>97,97,90,576.61</b>	<b>Grand total</b>	<b>97,97,90,576.61</b>

**STATEMENT SHOWING THE RECEIPTS AND PAYMENTS OF FUND A/C-APRIL 2011 TO MARCH, 2012**

RECEIPTS		PAYMENTS	
51 Grant from State Govt	309649845.00	01 Teaching salaries	2435421.90
52 Income A/c- Fee from Students	250874615.00	02 Non-Teaching Salaries	165862482.30
61 Income for Bldings & Other properties	3163462.00	03 Travelling Allowances	1513863.00
62 Interest on various Funds	296986.00	05 Academic contingencies	3427241.00
63 Publication cell & stores	658653.00		3417965.00
67 University Auxiliary services	2682882.00	06 Administrative Contingencies	4426162.00
68 transfers From other parts	131322000.00	07 common Contingencies	46461.00
90 Loans Advances ETC	4838415.00	09 Grants & Subscriptions-others	7183698.00
91 Others DEBTS ETC	52372460.00	10 Creation of New Infrastructure	4862791.00
	106229675.85	11 Maintenance of charges	16072155.00
		12 Maintenance of Services	148581.00
		14 Student services	20700.00
		15 Welfare/Recreational	120661963.00

		Activities	
		31 Pension	56303366.00
		32 Gratuity &commutation of pension	1379191.00
		51 Honorarium	51733827.00
		52 Other payments	4140000.00
		90 Loans Advances Etc.	9269715.00
		Others	154746327.45
<b>Total receipts</b>	<b>86,20,88,993.85</b>	<b>Total Expenditure</b>	<b>84,91,70,060.65</b>
<b>Opening Balance</b>	<b>5,72,62,684.66</b>	<b>Closing Balance</b>	<b>7,01,81,617.86</b>
<b>Grand total</b>	<b>91,93,51,678.51</b>	<b>Grand total</b>	<b>91,93,51,678.51</b>

**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	164211180.58	02 Non-Teaching Salaries	168380466.50
61 Income for Bldings &Other properties	180045.00	03 Travelling Allowances	2069836.00
62 Interest on various Funds	528031.00	05 Academic contingencies	6223339.00
67 University Auxiliary services	817932.00	06 Administrative Contingencies	6914327.00
68 transfers From other parts	160000000.00	07 common Contingencies	7758274.00
90 Loans Advances ETC	11000.00	09 Grants& Subscriptions-others	1922900.00
91 Others DEBTS ETC	51984489.90	10 Creation of New Infrastructure	2969874.00
	135000004.70	11 Maintenance of charges	3797704.00
		12Maintenance of Services	16424152.00
		14 Student services	677441.00
		15Welfare/Recreational Activities	79700.00
		31 Pension	152235873.00
		32 Gratuity &commutation of pension	98761925.00
		51 Honorarium	1548544.00
		52 Other payments	54508750.00
		90 Loans Advances Etc.	5735512.00
		Others	269766004.00
<b>Total receipts</b>	<b>116,67,77,624.18</b>	<b>Total Expenditure</b>	<b>114,18,20,175.00</b>
<b>Opening Balance</b>	<b>7,01,81,617.86</b>	<b>Closing Balance</b>	<b>9,51,39,067.04</b>
<b>Grand total</b>	<b>123,69,59,242.04</b>	<b>Grand total</b>	<b>123,69,59,242.04</b>

#### **6.4.5. Narrate the efforts taken by the university for resource mobilization.**

Planning to Established a New Cell (Income/Internal Resource Mobilization) through:

- 1) Persons through charity.
- 2) NRIs who are old students.
- 3) Organizations (Corporate).
- 4) Alumni Associations.
- 5) Foundations instituted for sponsoring Seminars, Lectures and Symposia.
- 6) Gold Medal institution.

#### **6.4.6. Is there any provision for the university to create a corpus fund? If yes, give details.**

Ten years back university created a Corpus Fund Account, in which some amount have been kept aside for welfare/reserve fund from overall savings of the University Budget, when there are sufficient grant/income to the University, but now as the grants released by the Government are not sufficient, the account is not in active mode.

### **6.5. Internal Quality Assurance System**

#### **6.5.1. Does the university conduct an academic audit of its departments? If yes give details.**

Yes. University conduct academic audit in relation to research work done by the faculties. Further monitors the fellowships and scholarships sanctioned to the students .

#### **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. With regard to updating the evaluation system workshops have been conducted in the university.

#### **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 is the Chairman and the Deans of the respective faculties and one senior professor are the members of the Academic Audit.

#### **6.5.4. How the IQAC contributed to institutionalizing quality assurance strategies and processes?**

For institutionalising quality assurance strategies and process the IQAC has coordinated the different departments and faculties for the improvement of the quality.

#### **6.5.5. How many decisions of the IQAC have been placed before the statutory authorities of the university for implementation?**

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, the members frequently meet and contribute for the improvement of quality and performance of the students.

**6.5.7. Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?**

IQAC collects data regarding the admission and progression of students from disadvantaged sections of society and 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 quarterly and annual data related to the periodic review of administrative and academic departments, subject areas, research centres etc., through the standing committee of academic senate and annual report submitted to the Academic Senate.

**Any other information regarding Governance, Leadership and Management which the university would like to include.**

**Quality Sustenance and Enhancement Indicators**

1. Provision of autonomy to learners, teaching and non-teaching staff within well-framed university norms and regulation.
2. Introduction of transparency and openness through phased e-governance initiatives.
3. Optimization of existing resources through sharing.
4. Comprehensive academic audit system through Dean Academic Audit .
5. Combination of thrift and prudence in budgeting and expenditure through Finance Committee.
6. Provision of Travel Grants to faculty to attend seminars and conferences.
7. Free IT training for administrative staff.
8. Group Insurance scheme for staff .
9. Collaboration with industry, national and international universities through MoUs to facilitate knowledge sharing and enhancement.



**CRITERION VII**  
**INNOVATIONS AND BEST**  
**PRACTICES**



## **CRITERION VII**

### **INNOVATIONS AND BEST PRACTICES**

#### **Introduction**

At every juncture in its long history, Kakatiya University has rejuvenated itself by its innovations and best practices into healthy practices for all its stakeholders and Higher Education at large. University healthy practices are defined as “institutionalization of innovative self-regulated responsibilities which aim to promote academic growth of international quality in the University system”.

Higher educational institutions are expected to build optimally seven healthy practices, if they are to answer professionally the requirements of societal transformation by universities. They are:

1. Respecting diverse talents and ways of learning
2. Communicating high expectations
3. Encouraging increased interaction between students and faculty
4. Developing reciprocity and cooperation among students
5. Encouraging active learning with advanced teaching tools
6. Giving prompt feedback to staff and students and
7. Emphasizing task on time with total quality management.

While it has always been easy for educationists to suggest innovations in the educational policy of the nation, pragmatism and implementability are the areas of concern. These concerns are addressed by putting in place a codified ‘Ethics Policy’ which is meant to serve as a guide to assist the Governing Councils/Boards of Governors, administrators, faculty and staff, collectively called “Members of the University Community”, in making ethical decisions and engaging in appropriate, lawful conduct. It is the intent of the Kakatiya University that compliance with the Code of Ethics will foster a work-environment that stimulates and encourages the development of abilities and pursuit of personal and professional growth while maintaining the highest ethical standards and goals of the university. The Governing bodies of University facilitates the members of the University Community to develop moral and ethical commitment. The highest ethical standards set for the holders of public office of the University are:

1. Selflessness Holders of public office should take decisions solely in terms of the public interest. They should not do so in order to gain financial or other material benefits for themselves, their family, or their friends.
2. Integrity Holders of public office should not place themselves under any financial or other obligation to outside individuals or organizations that might influence them in the performance of their official duties.
3. Objectivity In carrying out University activities including making public appointments, awarding contracts, or recommending individuals for rewards and benefits, holders of public office should make choices on merit.
4. Accountability Holders of public office are accountable for their decisions and actions to the public and must submit themselves to whatever scrutiny is appropriate to their office.
5. Openness Holders of public office should be as transparent and open as possible about all the decisions and actions that they take. They should give reasons for their decisions and offer information, when the wider public interest clearly demands.
6. Honesty Holders of public office have a duty to declare any private interest relating to their public duties and to take steps to resolve any conflict arising in a way that threatens the public interest.
7. Leadership Holders of public office should promote and support principles by leadership and setting themselves as examples.

## **7.1. Environmental Consciousness**

### **7.1.1. Does the university conduct a Green Audit on its campus?**

The University is contemplating to approach an agency for this purpose.

### **7.1.2. What are the initiatives taken by the university to make the campus eco-friendly?**

- **Energy conservation**

Green House Construction, steps are taken to go for representation of campus through social forestry involving NSS volunteers.

- **Use of renewable energy**

Already the Administrative Building and Examinations Branch are using solar energy as alternate source of energy. Solar windows are installed on the terrace of the buildings and complete buildings are using the solar power. 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.

- **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, Government of India. Under this project 69 roof top rain water harvesting structures were built. It is also made mandatory to conserve rain water in all the new/proposed constructions in the University.

- **Check dam construction**

From the grants of the above mentioned research project 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 tremendously 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, is one among the novel means to promote carbon neutrality.

- **Plantation**

NSS has taken lot of efforts to make the campus green by planting trees in the campus through the important activities conducted by the NSS such as Youth day celebrations, Independence day celebration and World Environment day. 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**

There are around 10-15 major hospitals in and around Warangal city and are disposing biological waste, this is properly processed through incineration. Since there are no factories in and

around the city of Warangal to the radius of 50 Km that release hazardous waste. Hence there is no need for hazardous maintenance right now.

- **E-waste management**

The university community is educated about the seriousness of electronic waste and advised to dump at a secluded place and the same is being disposed off to the agencies that carry out.

- **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 are educated to the rural people and trainings are conducted. The expertise is useful for the development of cottage industries in the rural sector.
- Mushroom is the highly protenuous food and easily cultured and developed as a cottage industry. Button mushroom and oyster mushrooms are cultivated using waste agriculture substrates. Rural women folk are trained in spawn preparation and cultivation practices of mushroom. The significance of mushroom as nutritious food is educated and propagated.
- Organic agriculture is need of the hour to understand the consciousness of health. Pesticides are accumulated in to 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.

With in this frame work, the healthy practices introduced in the Kakatiya Univerity can be classified as

- Institutional health.
- Healthy practices for teachers as academic, service related, motivational and quality up grading efforts.
- Healthy practices for students as academic, infrastructural financial and health support oriented efforts.
- Healthy practices for administrative, technical and other non-teaching staff members.

## **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**

The University has registered 153% overall increase in student strength and corresponding 153% increase in students enrolment in rural affiliated colleges including Government managed colleges in addition to the growing numbers in the Distance Education stream.

Together, the introduction of new courses and new constituent colleges has contributed significantly to the increase in the Gross Enrolment Rate. The policies of inclusion at Kakatiya University have brought underprivileged and marginalized sections into the educational mainstream. Reservations in doctoral admissions, fee concessions to physically challenged, reservation representation to women resulted in the enormous increase of women students in the enrolment. The commitment of University to excellence is evident in the increase of number of research publications with high impact parameter and increased placement rates.

### **University library system**

All the departments in the Kakatiya University have their own library collections. Besides, the central library with good collection of books, Computer based information services have been introduced. The main library of the University is centrally located on the Campus. Besides maintaining a collection of print materials, the University Library system also maintains a collection of e-resources and also subscribe to over 11,650 e-journals under UGC's INFLIBNET programme.

### **ICT facilities**

All administrative offices, Departments, individual faculty members and research laboratories have internet facilities. This made all the researchers, the collection of literature, communication with scientific community and the publication of research work easier and time saving. The provision of internet facility made most of the work paperless in offices and also in laboratories. The University Web Centre takes care of this facility.

In most of the academic buildings there are seminar halls equipped with LCD projectors for the conduct of conference or seminar lectures. Almost in all the departments at least one lecture hall is also provided with LCD facility. At Kakatiya University the curricula includes the seminar lectures by the students. This is in practice for last more than five years.

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### **Hostel facilities**

Accommodation is provided to needy and deserving students in the hostels maintained by the University: There are 15 hostels including one women's hostel and one working women's hostels.

The Centre for Foreign Relations, Research and Consultancy (CFRAC) made a very good progress in last five years. This has attended to 155 enquiries and at present 89 foreign students are on rolls of University in the subjects like Engineering, Education, Commerce and Business Management, Ph.D. etc. The attention is devoted to the admission of foreign students in to Ph.D. programme.

### **Center for Women studies,**

The Centre for Women Studies is concentrating on the question of Rural Dalit and Adivasi women and seminars/workshops are conducted. The centre is also bringing out Bi-annual journal titled 'Kakatiya Journal of Women's Studies'. On every March 8<sup>th</sup> it organizes International Women's Day and motivate the women students to face challenges faced by women in their day-to-day life.

### **Center for Ambedkar studies,**

The Centre for Ambedkar Studies is working for the upliftment of SC, ST students. It conducts the coaching classes for joining in engineering, medicine and other competitive

examinations. The state government is also paying Rs. 5,000/- per month to students and encouraging the SC/ST candidates to join in higher studies.

### **Placement Cell**

The placement cell organizes job melas, interviews for jobs and in last five years 1207 students were placed in to number of corporate organization in various capacities depending on their qualification and field. The companies that conducted placements were Matrix Pharmaceuticals, Mumbai, Suvan Pharmaceuticals, Hyderabad, Dr. Reddy's Laboratories, Hyderabad, Capital, Hyderabad, SBI Life Insurance Company, Hyderabad, APARD, Hyderabad, Manajem Copper, Saudi Arabia, Nagarjuna Coal Indonesia, RD Water Management Hyderabad, Spectra Geo Services, Zambia, Africa, Eurasiam & Minerals, Zambia, Africa, Vivamed Technologies, Hyderabad, Trans Dyne, Hyderabad, Milan Laboratories Ltd, Hyderabad, Infotech Enterprizes Ltd, Hyderabad, etc.

### **SC/ST cell**

The SC/ST cell is established as a measure for strengthening the implementation machinery for planning, evaluation and monitoring of the policies of Government of India in the field of higher education and also the programmes of the University Grants Commission with the objective to improve the life conditions of Scheduled Castes and Scheduled Tribes candidates and to bring them up to the general level as compared to other communities. The cell should see that the guidelines issued by the University Grants Commission from time to time based on the policies of the Government of India and Government of Andhra Pradesh with regard to the reservation of seats for SC/STs in respect of admissions in Colleges, accommodation in hostels and appointments to the teaching and non-teaching posts are strictly adhered to. This cell also takes care of the fellowships and other incentives to the SC/STs students. This cell also acts as a nodal agency to provide statistical data on SC/STs to the Government. The SC/St cell also conducts remedial coaching and other measures with a view to see that the education system succeeds in bringing the SC/STs to a level quantitatively as well as qualitatively indistinguishable from the level of the rest of the society under the jurisdiction of Kakatiya University.

### **National Service Scheme (NSS)**

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 campuses of affiliated colleges or in the adopted villages. These involve student volunteers in various youth-related seminars, workshops and training programmes. NSS Unit also deputed volunteers to various Inter State Camps, National Integration Camps and also Inter State and National

### **Cultural Festivals.**

The Kakatiya University hosted the 29th Inter-University Central Zone Youth Festival-2013 entitled YUVAKALARATNA-2013 during November 18-22, 2013. Kakatiya University has built over the years, a reputation for hosting such significant national, international events, seminars and festivals. This mega pageant covered different facets of the theatre and fine arts such as dance, drama, music, painting and other allied arts and performances. 75 Universities under Central Zone were invited to participated.

### **Sports and games**

In last five years Sports Board of Kakatiya University has made lot of progress. It has encompassed the larger areas of the campus for the development of the play fields. The number of

play fields/courts for different types of games has increased. Not only number increased but the sports board also conducted very prestigious inter university competitions for number of events. The increase in the number of play fields also encouraged and motivated the University to start the courses like M.P.Ed. in addition to B.P.Ed. and the Department of Physical Education was established.

### **Differently abled students**

The faculty is student friendly and more so with differently abled students. They are paid special attention in providing lecture notes, counseling etc. The differently abled students are given reservation in admissions, concessions in fee, priority in hostel accommodation etc. For the convenience of them the ramps were constructed recently

### **Language Laboratories**

A well equipped language laboratory is functioning in the Department of English to cater the needs of the students in improvise their language skills. It also concentrates on improving the communication skills of th4e students of all departments.

### **Internship**

In the engineering faculty and in science departments like pharmacy. Chemistry and biotechnology the students will undergo a three/six months training (internship) in reputed organizations and submit a certificate and document for the evaluation.

### **Women Sexual Harassment Redressal Cell**

Women sexual harassment and redressal cell is constituted with a Chairman, two members and a convener. This cell will examine the representation submitted for redressal of grievances related to students and teaching/non-teaching staff.

### **Anti-Ragging committee**

A full fledged anti-ragging and monitoring committee is constituted with Dean, Academic Audit as its chairman and sixteen other administrative officers as members and the director, university hostels as the member-convener. It is also constituted in every department, with Head as its Chairman. Two senior teachers, one lady teacher and two students from junior and senior classes will be the members. The committee will look after and coordinates the anti-ragging activities in the department. In the hostels also a special anti-ragging committee is constituted comprising Joint Director, care taker and students from both junior and seniors as members. The committee conduct surprise visits in the nights and maintains the hostels free from ragging.

### **Tatkal scheme for students**

Tatkal scheme in examination branch is working for students to obtain their degree/diploma certificate instantly with payment of higher fee structure. This will facilitate the students to get quick certificates and evaluation practices.

## **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 EXAMINATION BRANCH**

### **2. Objectives of the practice :**

The objectives of the best practice are as follows.

#### **a) Participation for all stake holders:**

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.

#### **b) 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.

#### **c) 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.

#### **d) 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. However, in some cases the results are declared even earlier than the specified 45 days. However, due to technical snags, the results were declared after 45 days.
- The results are published in the university website and also in some private website. The results are also displayed on the noticed board of the examination branch and the notice boards of respective colleges.

#### **e) Maintenance of transparency in results:**

- To maintain the transparency and fairness in the evaluation process, the photocopy of written answer script of the examinee, who claims that he got less marks than the expected marks, will be issued on payment of minimum fee of Rs.200/- per paper.

### **3. The context:**

In 1976, as the fulfillment of the aspiration of Telangana people, Kakatiya University was established in Warangal district. Currently under its jurisdiction there are 17 University colleges, 273 undergraduate, 76 post-graduate and 127 professional colleges spread over three districts of Telangana viz., Adilabad, Khammam & Warangal. The university offers the following UG courses., viz., BA, B.Com, B.Sc., BCA etc., PG courses viz. Biochemistry, Biotechnology, Botany, Chemistry, Commerce and Business Management, Computer Sciences, Economics, English, Geology, Hindi, History & MTM, Journalism, Library and Information Science, Mathematics, Microbiology, Physical Education, Physics, Political Science, Psychology, Public Administration & HRM, Sanskrit, Sericulture, Social Work, Sociology, Statistics, Telugu & Zoology, 5 years integrated PG course in Chemistry and Biotechnology and Law and professional courses viz., B.Tech., M.Tech., B.Pharmacy, M.Pharmacy, Pharm D, MBA, B.Ed., M.Ed., B.P.Ed., M.P.Ed., MCA, LLB (3YDC) & LLM courses and M.Phil., & Ph.D. programmes in the above said subjects. The university offers UG, PG and M.Phil., courses under

distance mode (SDLCE). The university conducts Kakatiya University PG Common Entrance test (KUPGCET ) and entrance test for Ph.D. & M.Phil.

The examination branch headed by the Controller of Examinations (COE), comprises of 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:** Headed by ACOE organizes all confidential work pertaining to examinations, thesis adjudication paper setting, printing, dispensing of question papers to the examination centers

**UG section:** Headed by the ACOE, conducts annual & supplementary examinations for UG courses , organize spot valuation and publish results & undertake revaluation .

**PG & Professional section:** Headed by the ACOE, conducts annual & supplementary examinations for PG & Professional courses, organize spot valuation and publish results & undertake revaluation.

**SDLCE section:** Headed by the ACOE, conducts annual & supplementary examinations for UG & PG courses, organize spot valuation and publish results & undertake revaluation.

**Certificate Section:** Headed by the ACOE, deals with degree certificates, gold medals and verification/authentication of certificates.

**Computer Section:** Headed by a computer professional, involves in pre- and post examination work to publishing of results and also provides computer prints of marks sheets, provisional and degree certificates.

**Audit/accounts section:** Head by Assistant Registrar, 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 so as to enable the colleges to download and issue hall tickets to the examinee without any delay. 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 hoisted on the university website for the benefit all examinees, apart from sending a hard copy to respective college
- **D form and attendance statement:** The D forms & attendance statement of the examinees appearing for the examination at different examination centers are downloaded by the chief superintendent for make proper seating arrangements. The attendance statement with photograph of the student and specimen signature of the examinees are sent to the examination center to

verify the photograph of the examinee and to tally the signature. This will avoid malpractices like impersonation at the center.

- 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. In addition to sitting squad, special teams consisting of senior most Professors of the university and senior associate professors/ readers from degree colleges are deputed to constituted to form special teams, who will make for surprise visits of different examination centers. This will avoid malpractices at the center.
- Maintenance of strict confidentiality of question papers: The question papers are /preserved /kept in the nearby police stations or selected nodal centers (Government colleges) until 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. This augurs well for examination centers located in remote places of the Adilabad, Khammam and Warangal.

#### **(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 barcoded 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 barcoded OMR sheets. On experimental basis barcoded 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 process and for fair 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. This enables a fairness and justice in evaluation.

- 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. This enables avoid injustice to the examinee, if any. The marks awarded by the examiners are stored entered into the databases on the same day of evaluation .This will avoid 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, hence is error free. 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 without waiting for issuance of his marks sheets.
- Revaluation process: The revaluation process 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.

## **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 relating 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 also so as 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 examinee and also saved one precious academic year.
- Transportation of written answer scripts from remote examination centers to identified nodal centers incurs minimum expenditure and is time saving.

## **6. Problems encountered and resource required:**

- Some of the colleges located in remote rural places are facing problems in upload and downloading the information relating to examinations due to non-availability of internet facility and frequent loading shedding.
- Due to lack of expertise in handling computers, the staff of UG colleges in remote rural places are 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 concerned teachers in conducting the internal assessment and practical at college level, which enable them to evaluate the performance of the examinee in the examinations.
- Strict monitoring and control of examinations, avoids occurrence of malpractices.
- 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 is one of the oldest institution of higher learning in the state of Andhra Pradesh 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 itself as a higher education institute of good repute.

### **The Objectives**

The University has a uniquely conceived mission to provide a unique 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 subjects.
- Developing self reliant individuals
- Providing career opportunities
- Creating socially responsible citizen

Specifically the University has initiated a best practice in restructuring curriculum contents and improving the curricular transactions to enable students 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 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 centers of teaching. In the process of restructuring curriculum, teachers have attended 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 planned to enable the weaker 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. The syllabi of undergraduates course have been made interdisciplinary (List of year-wise innovations in curricular design and transaction is enclosed).
- Graduates of Arts, Science and Commerce have been able to find employment in the country and abroad. Many of them are being recruited from the campus by reputed companies (under Campus Placement Cell).

- Keeping in view of 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. There is a value consideration, ethical meaning and social citizenry in every academic endeavour of the college.

### **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.

### **Innovation in Curricular Design and Transaction (2008-2009)**

The syllabi of the following subjects was updated and revised for the academic year 2008-2010.

1. M.Sc. (Biochemistry) – Internal Assessment was introduced
2. B.Sc. Biotechnology
3. M.Sc. Biotechnology
4. M.Sc. Botany II & IV Semesters
5. B.Sc. (Botany) for 3 years implemented from 2009-2010
6. M.B.A.
7. M.A. Economics, M.Phil., Ph.D.
8. English (B.A. / B.Sc. / B.Com II year English)
9. Master of Tourism Management (I and II Semester only)
10. M.A. History (I & II Semester only)
11. M.Sc. Mathematics
12. M.Sc. Microbiology
13. M.Pharmacy
14. B.Pharmacy
15. M.Sc. Pharmacy I and II Semester with Internal Assessment
16. B.A. Second Language and Modern Language I & II year
17. M.A. Telugu I Semester to IV Semester
18. M.Phil.

### **Innovation in Curricular Design and Transaction (2009-2010)**

The syllabi of the following subjects was updated and revised for the academic year 2009-2010.

1. M.A./M.Sc. Mathematics and Applied Mathematics III & IV semesters
2. M.Sc. Botany III & IV semesters
3. M.Sc. Microbiology III & IV semesters
4. M.Sc. Physics III & IV semesters
5. M.A. History & Tourism Management I & II semesters
6. M.B.A. III & IV semesters
7. M.A. English
8. M.C.A. I & II semesters
9. M.Sc. Computer Science I, II, III & IV semesters
10. M.Sc. Engineering Physics & Instrumentation I & II semesters
11. M.Phil. English
12. LL.B. (3 YDC & 5 YDC)
13. B.Pharmacy II year I & II semesters

14. M.Pharmacy (Pharmaceutical Analysis)
15. C.L.I.Sc.
16. B.L.I.Sc.
17. M.L.I.Sc.
18. Pre Ph.D. in Biotechnology
19. B.A. Modern Language (English)
20. B.A. / B.Sc. / B.Com. General English papers

#### **Innovation in Curricular Design and Transaction (2010-2011)**

The syllabi of the following subjects was updated and revised for the academic year 2010-2011.

1. B.Sc. Biotechnology
2. M.Sc. Biotechnology
3. 5 Years Integrated Biotechnology
4. M.A. Economics, M.Phil., Ph.D.
5. M.A. English Previous & Final) Papers I, II & III (IL & PAL) (Indian Literature & Postcolonial & African-American Literature under Paper-III)
6. M.A. History III & IV semester syllabus
7. M.T.M. III & IV semester syllabus
8. M.C.A.

#### **Innovation in Curricular Design and Transaction (2011-2012)**

The syllabi of the following subjects was updated and revised for the academic year 2011-2012.

1. M.Sc. Biotechnology & 5 Yr. Integrated M.Sc. Biotechnology
2. Pre Ph.D. in Commerce and Business Management
3. M.A. English (Previous & Final) Papers I, II & III
4. M.A. History III & IV semester
5. M.T.M. III & IV semester
6. M.Sc. Physics (Nanoscience) III & IV semester
7. B.A. Public Administration
8. B.A. Human Resource Management
9. M.A. Public Administration
10. Master of Human Resource Management (MHRM)

#### **Innovation in Curricular Design and Transaction (2012-2013)**

The syllabi of the following subjects was updated and revised for the academic year 2012-2013.

1. M.Sc. Biotechnology & 5 Yr. Integrated M.Sc. Biotechnology
2. M.A. Economics IV semester and M.Phil and Ph.D.
3. M.A. English (Previous & Final) Paper I, II & III (IL & PAL) (Indian Literature & Postcolonial & African-American Literature under Paper-III)
4. M.A. History I to IV semester
5. M.T.M. I & IV semester
6. M.C.A. and M.Sc. CS
7. M.L.I.Sc.
8. M.A. Public Administration I to IV semester (M.Phil. & Ph.D.)
9. Master of Human Resource Management I to IV semester (MHRM) (M.Phil. & Ph.D.)
10. M.Sc. Statistics



# **ACTION TAKEN REPORT**



## **ACTION TAKEN REPORT ON THE PEER COMMITTEE RECOMMENDATIONS 2009-2014**

### **1. Introduction of Choice Based Credit System at PG and at graduate levels to be taken on a top priority basis**

The university constituted a committee with Deans of all faculties, Heads and Chairman, Board of Studies of all the departments to discuss the introduction of CBCS at post graduate and undergraduate levels. The committee decided to introduce CBCS initially in post graduate programmes in the university departments on the campus from the academic year 2014-15.

### **2. Provide academic autonomy to the University departments and constituent colleges and persuade deserving affiliated colleges to be autonomous.**

In the present period of assessment university has encouraged some deserving affiliated colleges to opt for autonomous status. Already Chaitanya UG and PG College has attained autonomous status during 2006. 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.
2. Govt. Pingle College for Women, Warangal.
3. University Arts and Science College, Subedari, Warangal.
4. SR and BGNR Govt. College, Khammam.
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, 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.**

A cell has been established in the university to collect the information from various affiliated colleges of the university. The cell is headed by a nodal officer who supervises the data collection and its maintenance.

### **5. To strengthen the computer facility by introducing Wi-fi and bandwidth.**

University Networking Laboratory is working and it is strengthened further by significantly improving the computer facilities to its users. The Wi-fi facility is available partially in the campus and steps are being taken to extend the facility to the entire campus.

### **6. Students mentoring to be strengthened.**

Student mentoring is a part of our academic system. It is further strengthened by introducing tutor-ward system by allotting one or two hours every week in the time-table.

**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.**

As per the state reservation council, 33.3% seats are allocated to women in all the courses offered in the university. University has established one Engineering College and a post graduate college for Women. A Women's Study Centre is also set up which organizes seminars and symposia to deliberate on different kinds of women related issues.

**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 teaching and non-teaching staff.

**12. Centralized Placement Cell and Grievance Redressal Cell may be strengthened.**

Centralized Placement Cell and Grievance Redressal Cell are strengthened a working with good support from administration and year by year more students are getting placement in wide spectrum of areas.

**13. Computer aided learning packages may be developed by the faculty members.**

Computer aided learning packages such as, Power Point presentation, online demos, readymade learning packages etc., are used by most of the faculty members as teaching aids. A few students in all most all the departments, present their Seminars using Power Point.

**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 were organized not only at inter-collegiate level but also inter-university level sports and cultural activities. The students were encouraged to also 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 periodically the programmes in spoken English and communication skills 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 of alcohol as bio-fuel using waste bio-mass.

**17. Efforts be made for Establishment of University and Industry linkage Centre.**

University has initiated steps to establish University and Industry linkage to provide practical experience to supplement theoretical inputs and insights provided in classrooms to enhance the employability of the students. One/two industrialists are nominated on the Board of Studies of all the departments.

Memorandum of Understandings have been entered into with industries.

(A) Six months internship for the students of Biotechnology.

(B) Six weeks internship for students of Business Management and Biotechnology.

(C) A full fledged centre for University and Industry Linkage will be established soon.



**ENCLOSURES**



सूचिका सं.  
5: UNIGRANTS

Communications should be addressed to the  
Secretary by designation and not by name

23-7/74(7/2)

दूरभाष : 279241  
Phone : 27 02 41

विश्वविद्यालय अनुदान आयोग  
बहादुरशाह जफर मार्ग  
नई दिल्ली-110002

UNIVERSITY GRANTS COMMISSION  
BAHADURSHAH ZAFAR MARG  
NEW DELHI-110002

Sri M. Gopal Krishna, I. A. S.,  
Secretary to the Government  
of Andhra Pradesh,  
(Education Department)  
Hyderabad.

February, 1980.

6 FEB 1980

Subject: Declaration of Kakatiya & Nagarjuna Universities fit to  
receive assistance under Section 12-A of the UGC Act.

Sir,

I am directed to refer to your letter No. 3647/G.2/79-10  
dated 26 December 21, 1979 on the subject mentioned above and  
to say that the University Grants Commission has accepted the  
proposal of the State Government that the appointment of Vice-  
Chancellors in the Kakatiya University, Warangal and Nagarjuna  
University, Guntur may be made from out of the panel of names  
suggested by a Committee consisting of:-

- i) a nominee of the Chancellor;
- ii) a nominee of the State Government and
- iii) a nominee of the Syndicate.

Steps may now please be taken to amend the existing  
provisions of the Acts of these universities in respect of  
Section 10(1) relating to the appointment of Vice-Chancellor  
accordingly. The action taken by the State Government in this  
matter may please be intimated to the Commission at an early date.

I am further to say that the UGC has agreed to declare  
these two universities fit to receive assistance from central  
sources under Section 12-A of the UGC Act subject to the above  
assurances of the State Government being implemented.

Yours faithfully,

Sd/-

( R.K. Chakrabarti )  
Secretary


p.t.c.

N. S. Jyoti  
28.10.03

CO-ORDINATING OFFICE  
U. G. C. UNIT  
KAKATIYA UNIVERSITY  
WARANGAL-506 002 A.P.

Copy to :-

1. Prof. Jafer Nizam, Vice-Chancellor, Kakatiya University, Vidyanayaguri, Warangal - 506009 for information.
2. Prof. B. Sarveswara Rao, Vice-Chancellor, Nagarjuna University, Guntur (A.P) for information.
3. Shri C. R. Pillai, Under Secretary, Ministry of Education and Culture, New Delhi for information and necessary action.

  
( R.K. Chhabra )  
Secretary

\*CPB\*

Copy of Lr.No.F.5-7/74(P/CP) dt. 6-2-1980 from  
R.K.Chhabra, Secretary, University Grants Commission  
Bahadurshah Zafar Marg, New Delhi addressed to the  
Sri M.Gopalakrishnan, I.A.S. Secretary to Government of  
A.P., Education Department, Hyderabad.

...

Sub:-Declaration of Kakatiya and Nagarjuna  
Universities fit to receive assistance  
under Section 12-A of the U.G.C. Act.

...

Sir,

I am directed to refer to your letter No.3647/  
C2/79-10, dt. the Dec.21,1979 on the subject mentioned above  
and to say that the University Grants Commission has accepted  
the proposal of the State Government that the appointment  
of Vice-Chancellors in the Kakatiya University, Warangal and  
Nagarjuna University, Guntur may be made from out of the  
panel of names suggested by a Committee consisting of:-


- i) a nominee of the Chancellor;
- ii) a nominee of the State Government and
- iii) a nominee of the Syndicate.

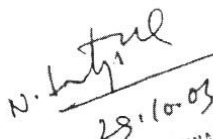
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early date.

I am further to say that the UGC has agreed to  
declare these two universities fit to receive assistance  
from central sources under Section 12-A of the UGC Act  
subject to the above assurance of the State Government  
being implemented.

Yours faithfully,  
sd/-  
(R.K.Chhabra)  
Secretary.

//True copy //

  
SECTION OFFICER.

  
28.10.03  
CO-ORDINATING OFFICER  
U. G. C. UNIT  
KAKATIYA UNIVERSITY  
WARANGAL-526 009 A.P.



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

*An Autonomous Institution of the University Grants Commission*

## *Certificate of Accreditation*

*The Executive Committee of the  
National Assessment and Accreditation Council  
on the recommendation of the duly appointed  
Peer Team is pleased to declare the*

***Kakatiya University***  
*Warangal, Andhra Pradesh as*

***Accredited<sup>1</sup>***

*at the B<sup>+</sup> level<sup>2</sup>.*

*(among the Universities)*

*Date : March 21, 2003*



*Unnikrishnan*  
**Director**

1. This certification is valid for a period of *Five* years with effect from the academic year 2002 - 2003.
2. An institutional score (%) in the range of 55-60 denotes C grade, 60-65 - C<sup>+</sup> grade, 65-70 - C<sup>++</sup> grade, 70-75 - B grade, 75-80 - B<sup>+</sup> grade, 80-85 - B<sup>++</sup> grade, 85-90 - A grade, 90-95 - A<sup>+</sup> grade, 95-100 - A<sup>++</sup> grade (upper limits exclusive).

# Quality Profile

Name of the Institution : Kakatiya University  
Place : Warangal, Andhra Pradesh

Criterion	Criterion Score (Ci)	Weightage ( Wi)	Criterion X Weightage (Ci x Wi)
I. Curricular Aspects	79	15	1185
II. Teaching-learning and Evaluation	78	25	1950
III. Research, Consultancy and Extension	65	15	975
IV. Infrastructure and Learning Resources	80	15	1200
V. Student Support and Progression	70	10	700
VI. Organisation and Management	80	10	800
VII. Healthy Practices	70	10	700
		100	$\Sigma C_i W_i = 7510$

$$\text{Institutional Score} = \frac{\Sigma C_i W_i}{\Sigma W_i} = \frac{7510}{100} = 75.10$$

*Arpita*  
Director



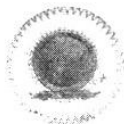
राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद  
विश्वविद्यालय अनुदान आयोग का स्वयत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL  
An Autonomous Institution of the University Grants Commission

# *Certificate of Accreditation*

*The Executive Committee of the  
National Assessment and Accreditation Council  
on the recommendation of the duly appointed  
Peer Team is pleased to declare the  
Kakatiya University  
Hanamkonda, Vidyaranyapuri, Warangal, Andhra Pradesh as  
Accredited  
with CSPA of 3.02 on four point scale  
at A grade  
valid up to June 14, 2014*

*Date : June 15, 2009*



*HARUNIS*  
Director

EC/49/RAR/12



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद  
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान  
**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**  
*An Autonomous Institution of the University Grants Commission*

## Quality Profile

**Name of the Institution** : Kakatiya University

**Place** : Hanamkonda, Vidyananyapuri, Warangal, Andhra Pradesh

Criteria	Weightage ( $W_i$ )	Criterion-Wise Grade Point Averages ( $Cr_i$ GPA)	$W_i \times Cr_i$ GPA
I. Curricular Aspects	150	2.93	440
II. Teaching-Learning and Evaluation	250	3.08	770
III. Research, Consultancy and Extension	200	2.85	570
IV. Infrastructure and Learning Resources	100	3.40	340
V. Student Support and Progression	100	3.00	300
VI. Governance and Leadership	150	3.10	465
VII. Innovative Practices	050	2.60	130
<b>Total</b>	$\sum_{i=1}^7 W_i = 1000$		$\sum_{i=1}^7 (W_i \times Cr_i \text{ GPA}) = 3015$

$$\text{Institutional Score} = \frac{\sum_{i=1}^7 (W_i \times Cr_i \text{ GPA})}{\sum_{i=1}^7 W_i} = \frac{3015}{1000} = \boxed{3.02}$$

**Grade** = A

**Descriptor** = VERY GOOD

**Date** : June 15, 2009



*Harman*  
**Director**

- This certification is valid for a period of Five years with effect from June 15, 2009
- An institutional CGPA on four point scale in the range of 3.01 - 4.00 denotes A grade (Very Good), 2.01 - 3.00 denotes B grade (Good), 1.51 - 2.00 denotes C grade (Satisfactory)
- Scores rounded off to the nearest integer

EC/49/RAR/12



**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**

<b>Criterion I: GENERAL</b>	<b>Information</b>
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) <ul style="list-style-type: none"> <li>• Faculties/Schools:</li> <li>• Departments/Centres</li> <li>• Programmes/Courses offered</li> <li>• Permanent Faculty</li> <li>• Permanent Support Staff</li> <li>• Students (2008-09)</li> </ul>	<p>Faculties-08 ( Arts, Science, Commerce, Social Science, Engineering, Pharmacy, Education, Law )</p> <p>Departments-23, Centres - 02</p> <p>103 (PG-31, M.Phil-17, Ph.D-36, UG-3, Diploma/Certificate-12, Five Yr. Integrated Course - 3)</p> <p>Permanent-141(Sanctioned-164), Temporary-23</p> <p>450(Administrative-403, Technical-47), sanctioned-633</p> <p>2850</p>
1.4 Three Major features in the institutional Context (As perceived by the Peer Team)	<ul style="list-style-type: none"> <li>• State University in the backward region of AP</li> <li>• 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</li> </ul>
1.5 Dates of Visit of the Peer Team(A detailed visit schedule is included):	06-09 <sup>th</sup> April 2009
1.6 Composition of the Peer Team which undertook the on-site visit	
Chairman:	<b>Prof. S. K. Saidapur</b> , Vice-Chancellor, Karnatak University, Karnataka.
Members:	<p><b>Prof. Uttam B. Bhoite</b> (Former VC, YCMOU &amp; Bharati Vidyapeeth), Executive Director, Bharati Vidyapeeth, Pune, Maharashtra.</p> <p><b>Prof. K. Kunhikrishanan</b>, Pro-Vice-Chancellor, Kannur University, Kannur.</p> <p><b>Prof. (Mrs) Mamata Satapathy</b>, (Former Professor, Utkal University), Utkal.</p> <p><b>Prof. D N Sansanwal</b>, Former Director &amp; Dean, Institute of Education, Devi Ahilya</p>

	<p>University</p> <p><b>Prof. Javaid Akhter</b>, Dean, F/o. Management Studies and Research, Chairman, Department of Business Administration, Aligarh Muslim University, Aligarh, UP.</p>
NAAC Coordinator:	<b>Dr. Sujata P Shanbhag</b> , Assistant Adviser, NAAC

<b>Section II: CRITERION WISE ANALYSIS</b>	
<b>2.1 Curricular Aspects:</b>	
2.1.1 Curricular Design & Development:	<ul style="list-style-type: none"> <li>• Curricula designed and developed tuned the regional and local needs.</li> <li>• Representation of experts in BOS in some subjects from industries.</li> <li>• Faculty takes initiative in updating curriculum</li> </ul>
2.1.2 Academic Flexibility:	<ul style="list-style-type: none"> <li>• 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.</li> <li>• 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.</li> <li>• The University has introduced semester system for all PG courses. University is yet to introduce Choice Based Credit System (CBCS).</li> </ul>
2.1.3 Feedback on Curriculum:	<ul style="list-style-type: none"> <li>• Feedback on course curricula from students, alumni and other stakeholders are obtained informally through interactions, meetings etc.</li> <li>• Formal feedback system needs to be systematized.</li> </ul>
2.1.4 Curriculum Update:	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Efforts to incorporate the feedback received needs to be included in curriculum revision by the faculty.</li> </ul>
2.1.5 Best Practices:	<ul style="list-style-type: none"> <li>• Introduction of 21<sup>st</sup> Century Gurukulam to impart communication skill and IT to give exposure to rural students</li> </ul>
<b>2.2 Teaching-Learning and Evaluation:</b>	
2.2.1 Admission Process and Student Profile:	<ul style="list-style-type: none"> <li>• Transparent computerized admission procedure based on entrance examination for</li> </ul>

	<p>all PG Courses.</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• The Demand ratio across the disciplines is appreciable</li> <li>• National integration quota provided</li> </ul>
2.2.2 Catering to Diverse Needs:	<ul style="list-style-type: none"> <li>• 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</li> <li>• Bridge courses are offered in some departments.</li> </ul>
2.2.3 Teaching-Learning Process:	<ul style="list-style-type: none"> <li>• University provides academic calendar</li> <li>• Attempts to integrate ICT in teaching-learning are being made.</li> <li>• Concept of interactive learning is to be more systematically operationalised.</li> <li>• Almost all Departments have departmental libraries</li> <li>• Projects, field work and seminar are integrated into teaching</li> </ul>
2.2.4 Teacher Quality:	<ul style="list-style-type: none"> <li>• 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.</li> <li>• About 90% of teachers are Ph.D and 8% are M.Phil degree holders. Majority of the teachers are computer literate.</li> <li>• Almost all teachers participated in national/international seminars conferences, workshops and many of them acted as Resource persons.</li> <li>• Some of the faculty members have received awards/recognition including State level Best Teacher Award</li> <li>• Innovative approach in teaching is not visible.</li> </ul>
2.2.5 Evaluation Process and Reforms	<ul style="list-style-type: none"> <li>• Examination system is computerized and results and marks are displayed on the university website with the facility of downloading the same with photo identity.</li> <li>• Internal Assessment system recently introduced.</li> <li>• Bar- coding-decoding system, photo scanned hall tickets on demand scheme for issue of degree / certificates, etc. have been introduced.</li> <li>• Grievance Redressal of examination related</li> </ul>

	issues like providing photo copies of answer scripts may be introduced.
2.2.6 Best Practices in Teaching-Learning Evaluation	<ul style="list-style-type: none"> <li>• Training of Trainers workshop under APSCHE for the college teachers introduced.</li> <li>• Issue of certificates based on urgency provided.</li> </ul>
<b>2.3 Research, Consultancy and Extension:</b>	
2.3.1 Promotion of Research:	<ul style="list-style-type: none"> <li>• Faculty is encouraged to apply for individual as well as coordinated research projects.</li> <li>• Central instrumentation facilities need to be further improved.</li> <li>• Adequate funds are provided to faculty to attend conferences, seminar and publication.</li> </ul>
2.3.2 Research and Publication Output:	<ul style="list-style-type: none"> <li>• Research Output of the past five years is visible.</li> <li>• Seven DRS SAP Departments and Three DST FIST Departments</li> <li>• Over Rs. 4.20 crores funds received for major / minor projects.</li> <li>• During the post accreditation period 462 PhD have been awarded and 562 candidates have registered for Ph.D.</li> <li>• University brings out 07 research journals</li> </ul>
2.3.3 Consultancy:	<ul style="list-style-type: none"> <li>• Provides limited consultancy services to industries, Government and private agencies in the areas of pharmaceutical sciences, Govt. project evaluation, consumer surveys etc.</li> <li>• During the last five years revenue earned from consultancy is only of Rs.1.00 lakh mainly by Department of Pharmacy.</li> <li>• A Centre for Industry-Institute Partnership Programme to take up and boost the consultancy activities is yet to be set up.</li> </ul>
2.3.4 Extension Activities:	<ul style="list-style-type: none"> <li>• Extension activities are promoted through NSS units of the university. Received Indira Gandhi National award and four State level awards.</li> <li>• Distance education center provides opportunity for higher education to adult learners and also training of several skill imparting courses.</li> <li>• Community oriented out reach programmes need to be introduced.</li> </ul>
2.3.5 Collaboration:	<ul style="list-style-type: none"> <li>• Initiative for collaborative research needs to be taken up</li> <li>• University has signed MoUs with few agencies to promote industry-institute interface in recent times.</li> <li>• Consultancy cell to be established to monitor</li> </ul>

	Collaborations
2.3.6 Best Practices in Research, Consultancy & Extension (if any):	<ul style="list-style-type: none"> <li>University Research Fellowships from own funds provided to all PG Departments</li> </ul>
<b>2.4 Infrastructure and Learning Resources:</b>	
2.4.1 Physical Facilities for Learning:	<ul style="list-style-type: none"> <li>The University's main campus (650 acres) has spacious buildings on a sprawling campus, accommodating well furnished classrooms, laboratories, seminar halls, auditorium and conference rooms.</li> <li>Sports facilities for indoor and outdoor games, play grounds, athletic track gymnasium, indoor stadium etc are available.</li> <li>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.</li> </ul>
2.4.2 Maintenance of Infrastructure:	<ul style="list-style-type: none"> <li>The building division headed by the Development officer undertakes the repair and maintenance of the physical infrastructure.</li> <li>Computer and other sophisticated equipments are maintained through AMC.</li> <li>Repair works of some instruments are done by the staff of workshop and instrumentation centre.</li> <li>Hostels buildings need to be repaired, renovated and further augmented</li> </ul>
2.4.3 Library as Learning Resources:	<ul style="list-style-type: none"> <li>About 90,000 titles in the library and library remains open from 8.00 a.m. to 8.00 p.m.</li> <li>Computerization of library services initiated and e-journals (INFLIBNET) made available.</li> <li>Reprographic, internet, OPAC facilities available.</li> </ul>
2.4.4 ICT as Learning Resources:	<ul style="list-style-type: none"> <li>Fairly large number of computers are available.</li> <li>All departments are provided with LCD Projectors as teaching aid.</li> <li>Internet facility is available in all the department</li> <li>Faculty members are yet to develop meaningful interactive teaching-learning packages and specialized software for research.</li> </ul>
2.4.5 Other Facilities:	<ul style="list-style-type: none"> <li>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.</li> </ul>

	<ul style="list-style-type: none"> <li>• The university has a health centre with ambulance and specialist services.</li> <li>• Protected and purified water is available in the campus.</li> <li>• Hostel facilities for boys and girls needs to be further strengthened.</li> </ul>
2.4.6 Best Practices in the development of Infrastructure and Learning Resources (if any):	<ul style="list-style-type: none"> <li>• Purified Water Processing Plant</li> <li>• ICT enabled teaching gadgets provided in all departments</li> </ul>
<b>2.5 Student Support and Progression:</b>	
2.5.1 Student Progression	<ul style="list-style-type: none"> <li>• 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.</li> <li>• About 30% of the UG students go for higher studies and 25% of the students of professional courses join foreign universities</li> <li>• 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.</li> <li>• Remedial teaching and supportive learning to be provided and dropout at UG to be studied.</li> </ul>
2.5.2 Students Support:	<ul style="list-style-type: none"> <li>• 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).</li> <li>• SC / ST / minority Cell and students welfare center provide adequate support services to the students</li> <li>• The finishing school is designed to promote employability of the students.</li> <li>• The organization of placement cell need to be further structured.</li> </ul>
2.5.3 Student Activities:	<ul style="list-style-type: none"> <li>• 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.</li> <li>• The students of this University are specialized in gymnastics &amp; weight lifting and have bagged prizes including national trophies</li> <li>• Students mentoring needs to be systematized.</li> </ul>
2.5.4 Best Practices in Student Support and Progression (if any)	<ul style="list-style-type: none"> <li>• Cash Incentives to sport students and coach</li> <li>• Active Departmental Alumni Associations in a</li> </ul>

	few departments.
<b>2.6 Governance and Leadership;</b>	
2.6.1 Institutional Vision and Leadership:	<ul style="list-style-type: none"> <li>• The progressive orientation of Vice-Chancellor provides dynamic leadership.</li> <li>• Vision and mission statements effect the objectives and goals of the university.</li> <li>• The University provides democratic and transparent style of administration..</li> <li>• Management information system (MIS) and e-governance are yet to be implemented.</li> </ul>
2.6.2 Organizational Arrangements:	<ul style="list-style-type: none"> <li>• The statutory provision depicts the style of functioning of various authorities.</li> <li>• The developmental and academic needs of the affiliated colleges are to be addressed to.</li> <li>• Adequate and necessary facilities to the physically challenged students and faculty need to be provided.</li> </ul>
2.6.3 Strategy Development and Deployment:	<ul style="list-style-type: none"> <li>• Academic audit introduced for proper monitoring of activities of affiliated colleges.</li> <li>• Independent units to monitor UGC and other external funding and also academic and financial support is provided to affiliated colleges through CDC.</li> <li>• Delegation of power and well defined role responsibilities need to be assigned.</li> </ul>
2.6.4 Human Resource Management:	<ul style="list-style-type: none"> <li>• Recruitment of teaching and non-teaching staff is done in accordance with the provision of AP State University act. Government reservation rules.</li> <li>• The university organizes professional development and skill up-gradation training programs for teaching and non-teaching staff.</li> <li>• Vacant teaching positions to be filled.</li> </ul>
2.6.5 Financial Management and Resource Mobilization:	<ul style="list-style-type: none"> <li>• Resource mobilization through UGC, State Govt, funding agencies, students' fees, self-financing programmes and distance education programmes.</li> <li>• 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.</li> <li>• Finance system is computerized.</li> <li>• Long term financial planning strategy is to be put in place.</li> </ul>
2.6.6 Best Practices:	<ul style="list-style-type: none"> <li>• Website is regularly updated.</li> <li>• Partial automation to monitor the major offices within the university</li> </ul>
<b>2.7 Innovative Practices:</b>	
2.7.1 Internal Quality Assurance	<ul style="list-style-type: none"> <li>• IQAC needs to be further strengthened</li> </ul>

Systems:	<ul style="list-style-type: none"> <li>• The academic audit introduced to monitor and promote quality measures.</li> <li>• Introduction of internal component in evaluation.</li> <li>• Opportunities for computer learning need to be further strengthened.</li> </ul>
2.7.1 Inclusive Practices:	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Facilities for differently abled persons are not available.</li> </ul>
2.7.3 Stakeholder Relationship:	<ul style="list-style-type: none"> <li>• Active alumni associations and substantial contribution in providing funds for infrastructure is visible.</li> <li>• Social perception of the University is positive</li> <li>• More systematic efforts are required to mobilize resources from alumni to implement development plans of the university.</li> </ul>
<b>Section III: OVERALL ANALYSIS</b>	

3.1 Institutional Strengths:	<ul style="list-style-type: none"> <li>• Visible endeavour to promote Higher Education by introducing wide range of courses in regular and distance education modes.</li> <li>• Main campus and satellite campuses have ample scope for development</li> <li>• Innovative managerial initiatives in creating new academic centres, Finishing Schools, Centre for English Language Training, etc. to enhance employability.</li> <li>• Motivated faculty and students provide adequate impetus to the growth.</li> </ul>
3.2 Institutional Weakness:	<ul style="list-style-type: none"> <li>• Absence of well defined long term developmental plan</li> <li>• Weak initiative in formulating new academic programmes in emerging areas and little efforts to restructure the curricula in the choice based credit mode.</li> <li>• Very limited academic linkage.</li> <li>• Meagre consultancy.</li> </ul>
3.43 Institutional Challenges:	<ul style="list-style-type: none"> <li>• Converting the present educational backwardness of the location into an opportunity for promoting higher education in appropriate and relevant areas</li> <li>• 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</li> </ul>

	<ul style="list-style-type: none"> <li>• Sustenance of multi-disciplinary collaborative research of national and international standard in emerging areas.</li> <li>• Prepare the students to cope up with the changing educational scenario and modern technology to face global competition.</li> </ul>
3.4 Institutional Opportunities.	<ul style="list-style-type: none"> <li>• Unique opportunity for developing green-eco-friendly campus through Private-Public-Partnership model and master plan development.</li> <li>• Scope for creation of more job opportunities through Finishing Schools and Industry-University Linkage.</li> <li>• Scope for programme diversification with new ICT enabled technologies.</li> <li>• Scope for developing more linkages with institutions and industries of national and international repute.</li> <li>• Scope for research in rural development,</li> </ul>
<b>Section IV: Recommendations for Quality Enhancement of the Institution</b>	
<ul style="list-style-type: none"> <li>• Introduction of choice based credit system at PG and at graduate levels to be taken on a top priority basis</li> <li>• Provide academic autonomy to the University departments and constituent colleges and persuade deserving affiliated colleges to be autonomous.</li> <li>• To streamline the professional educational programmes to be in tune with the guidelines of the regulatory bodies.</li> <li>• Introduce Management Information System for more effective governance.</li> <li>• To strengthen the computer facility by introducing Wi - Fi and bandwidth.</li> <li>• Students mentoring to be strengthened.</li> <li>• Distance Education to be streamlined by implementing DEC guidelines.</li> <li>• Women Empowerment schemes to be implemented.</li> <li>• Life skill development programme to be systematically introduced.</li> <li>• Introduce career oriented UG/PG courses in relevant areas.</li> <li>• Health insurance for students and staff may be introduced.</li> </ul> <ul style="list-style-type: none"> <li>• Centralized Placement Cell and Grievance Redressal Cell may be strengthened.</li> <li>• Computer aided learning packages may be developed by the faculty members.</li> <li>• 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</li> <li>• Courses in foreign languages and communicative skills may be introduced.</li> <li>• University may develop facilities for research in Alternative sources of energy.</li> <li>• Efforts be made for Establishment of University and Industry linkage Centre.</li> </ul>	

***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>
<b>Prof. S. K. Saidapur</b>	<b>Chairman</b>	<b>Sd/-</b>
<b>Prof. Uttam B. Bhoite</b>	<b>Member</b>	<b>Sd/-</b>
<b>Prof. K. Kunhikrishanan</b>	<b>Member</b>	<b>Sd/-</b>
<b>Prof.(Mrs.) Mamata Satapathy</b>	<b>Member</b>	<b>Sd/-</b>
<b>Prof. Javaid Akhter</b>	<b>Member</b>	<b>Sd/-</b>
<b>Prof. D.N. Sansanwal</b>	<b>Member</b>	<b>Sd/-</b>

**Place: Warangal, Andhra Pradesh**

**Date: 09<sup>th</sup> April 2009**

**KAKATIYA UNIVERSITY**  
**NAAC RE- ACCREDITATION 2014**  
**REACCREDITATION REPORT**



**SUBMITTED TO**  
**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)**  
**BANGALORE**  
**2014**



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## 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., M.Phil. and Ph.D.
5. Interdisciplinary programmes and Departments involved : Microbiology and Bio-Technology
6. Courses in collaboration with other Universities, Industries, Foreign Institutions, etc.: Nil
7. Details of programmes discontinued, If any reasons : Nil
8. Examination System : Semester-wise
9. Participation of the Department in the Courses offered by other departments : Bio-Technology and Microbiology
10. Number of Teaching posts sanctioned, Filled and actual : Shown in below table

**Total Sanctioned Strength=21** ( Prof-02, Associate Prof.-06, Assistant Prof.-13, **Total filled Strength=11**( Prof-07, Associate Prof.-0, Assistant Prof.-04)

Cadre	Total (M+F)	Male					Female				
		OC	BC	SC	ST	Total	OC	BC	SC	ST	Total
Professors	<b>07</b>	02	03	--	02	07	--	--	--	--	--
Associate Professors	-		--	--	--	--	--	--	--	--	--
Assistant Professors	<b>03+01=4</b>	01	01	01	--	03	--	01	--	--	01
<b>TOTAL</b>	<b>11</b>	04	04	--	02	10	--	01	--	--	01

Cadre	Sanctioned	Filled	Actual (incl. CAS & MPS)
Professors	<b>02</b>	<b>07</b>	
Associate Professors	<b>06</b>	<b>00</b>	
Assistant Professors	<b>13</b>	<b>04</b>	
<b>TOTAL</b>	<b>21</b>	<b>11</b>	

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Sl. No.	Name	Qualifications	Designation	Specialisation	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
01	Prof. A. Sadanandam	M.Sc., Ph.D.	Professor	Molecular Biotechnology	25 years	
02	Prof. M.A. Singaracharya	M.Sc., Ph.D.	Professor	Molecular Biology	25 years	
03	Dr. N. Ramaswamy	M.Sc., Ph.D.	Professor	Molecular Biology	25 years	
04	Dr. S. Girisham	M.Sc., Ph.D.	Professor	Molecular Biology	22 yeras	
05	Dr. B. Digamber Rao	M.Sc., Ph.D.	Professor	Cyanobacteria	25 years	PHD= 06 M.Phil.=01
06	Dr. A. Ragan	M.Sc., Ph.D.	Professor	Ethnobotany	22 years	PHD= 03 M.Phil.=nil
07	Dr. A. Seetaram Naik	M.Sc., Ph.D.	Professor	Plant Tissue Culture	13 years	PHD=01 M.Phil.=nil
08	Dr. V. Krishna Reddy	M.Sc., Ph.D.	Asst. Prof.	Mycology, Microbiology & Plant Pathology	10 years	PHD= nil M.Phil.=nil
09	Dr. M. Surekha	M.Sc., Ph.D.	Asst. Prof.	Mycology, Microbiology & Plant Pathology	8 years	PHD= 01 M.Phil.=nil
10	Dr. T. Christopher	M.Sc., Ph.D.	Asst. Prof.	Plant Biotechnology	6 years	PHD= 01 M.Phil.=nil
11	Dr. Md. Mustafa	M.Sc., Ph.D.	Asst. Prof.	Tissue Culture	6 years	PHD= 01 M.Phil.=nil

## 12. List of senior Visiting Fellows, Adjunct Faculty, Emeritus Professors:

1. Prof. **M.N.V. Prasad**  
Department of Plant Sciences  
Life Sciences Division  
University of Hyderabad  
Central University P.O.  
Gachibowli, Hyderabad.
2. Prof. **P. Kavi Kishore**  
Department of Botany  
Osmania University  
Hyderabad.
3. Prof. **C. Manoharachary**  
Department of Botany  
Osmania University  
Hyderabad.

## 13. Percentage of classes taken by temporary faculty – programme-wise information: NIL

## 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:  
Algal Biotechnology, Biological Invasions, Ethnobotany, Fungal Metabolites, Plant Tissue Culture

## 17. Number of faculty with ongoing projects from

Name of the Investigator	Title of the Project	Duration	Funding Agenc
<b>Prof. M.A.S. Charya</b>	Antimicrobial Activity of Nitrogen fixing Cyanobacteria from paddy fields.	3 years	UGC (MRP)
<b>Prof. N. Ramaswamy</b>	Ongoing = 01	03 years	DBT
<b>Prof. V.S. Raju</b>	Completed =01	03 years(2009-2012)	IIRS
<b>Prof. B. Digamber Rao</b>	Completed=01	03 years (2009-2012)	UGC [MRP]
<b>Prof. A. Ragan</b>	Ongoing = 01	03 years (2012-2015)	UGC [MRP]

<b>Prof. A. Seetaram Naik</b>	Selection of Elite Biotypes of <i>Terminalia</i> species through PCR Markers and their conservation through <i>in-vitro</i> propagation	03 years (2011-2014)	UGC (MRP)
<b>Dr. V. Krishna Reddy</b>	Studies on incidence and management of mycotoxins in poultry feeds of Warangal District (A.P.)	3 years (2009-2012)	UGC (MRP)
<b>Dr. M. Surekha</b>	Completed-01	2008 to 2011	UGC (MRP)
<b>Dr. T. Christopher</b>	DNA profiling of Chilli peppers ( <i>Capsicum annuum</i> ) using RAPD-PCR Markers	3 years (2009-2012)	UGC (MRP)
<b>Dr. MD. Mustafa</b>	Molecular Marker based  Sex determination in <i>Momordica dioca</i> and in vitro propagation of female plants	3 Years (2009-2012)	UGC (MRP)

- a) National: UGC, IIRS.  
b) International funding agencies, and: Nil  
c) Total grants received:.  
Give the names of the funding agencies, project title and grants received project-wise.

18. Inter-institutional collaborative projects and associated grants received:

- a) National collaboration: Nil  
b) International collaboration:

Centre for Rizhobium studies school biological sciences and biotechnology- Perth, Australia.

Embrapa Agrolologia, Riodejaneiro, Brazil.

Biochemistry and Genomic Unit, Montevideo, URUGUAY.

National Institute for Genetic Engineering and Biotechnology (NIGEB), IRAN

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DBT, ICSSR, AICTE, etc. Total grants received: Rs. 65,00,000/-

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. .A. Sadanandam	Book chapters=04 Research publications=16	--
Prof. M.A. Singaracharya	Books=08 Research publications=18	--
Prof. N. Ramaswamy	Books=08	--
Prof. S. Girisham	Books=04 Research publications=10	--
Prof. B. Digamber Rao	06-Books published and 25-communicated.	Phycology Antibacterial activity phytoplankton studies Anti microbial activity
Prof. A. Ragan	Research publications=08	1).The identity and occurrence of <i>Phyllanthus hookeri</i> and <i>P. nozeranii</i> ..... <i>Bangladesh J. Plant Tax.</i> 2). Diversity of NTFP's and their utilization in ..... <i>J. Plant Studies</i>
Prof. A. Seetaram Naik	06 (Research Publications)	1). <i>In- Vitro</i> Micro propagation of Winged Bean. 2). Ethnic people and plants presented at PSTU. 3). DNA Fingerprinting of <i>Terminalia arjuna</i> and its conservation through Tissue Culture.
Dr. V. Krishna Reddy	03 Books (1 chapter each); 11 (Research Publications)	Microbial quality of raw and pasteurized Milk samples collected from different places of Warangal dist., AP, India.
Dr. M. Surekha	20-publications published	Seasonal variation in mycoflora of unmilled rice in relation to mycotoxins contamination. <i>Pak. J. Phytopathol.</i> 24(2): 90-96.
Dr B. Lalitha Kumari	1 Book (1	-

	Chapter)	
Dr. T. Christopher	2 chapters in two books-02 and 01 article 07-publications published	Ovary extract induced normal somatic embryo development in hypocotyls and cotyledon explants of <i>Solanum melongena</i> L. var. <i>pusa</i> . Invitro plant leaf regeneration from leaf 2 stem calluses of <i>Rauvolfia febraphyta</i> and confirmation of plantlets by ISSR-PCR method.
Dr. MD. Mustafa	04-publications published	---

- \* Number of papers published in peer reviewed journals (national/International) -
- \* Monographs - Nil
- \* 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

**International collaboration for exchange programme Perth, Australia (2008).**

**TWAS AWARD: Visit to Brazil & Uruguay (2012).**

26. Faculty serving in

- a) National Committees - Yes
- b) International Committees- Nil
- c) Editorial Boards – Yes
  - Phykos, Phycological Society of India
  - Rheedeia
  - Bangladesh Journal of Plant Taxonomy

Journal of Plant Studies  
 Journal of Threatened Taxa  
 Journal of Indian Hydrobiology  
 Advisor Inspire Programme organised by Secondary Schools  
 Indian Journal of Environment and Eco Planning.

d) Any other (Please specify: NIL)

27. Faculty recharging strategies (UGC, ASC, Refresher/Orientation programs, Workshops, Training Programs and Similar Programs)

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. N. Ramaswamy	Talented Biotechnologist Award-2011 Srilanka
Prof. B. Digamber Rao	TWS AWARD; ITALY;2012(International)
Prof. A. Seetaram Naik	Mata Savitribai Phule Seva Puraskar Award
Prof. M.A. Singaracharya	Best Teacher Award by AP Govt during-2011

☐ 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	
<b>1) 2 days workshop on advanced techniques in plant sciences for P.G. teachers</b>	12-13 <sup>th</sup> December 2011	08	12	04	UGC-SAP
<b>2) National Conference on "Plant Sciences in Human Welfare"</b>	29-30 <sup>th</sup> March, 2012	10	11	07	UGC-SAP

31. Code of ethics for research followed by the departments : Nil

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.BOTANY	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.BOTANY	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=12, SLET= nil and 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 <input type="checkbox"/> Campus selection <input type="checkbox"/> Other than campus recruitment	Nil 30%
Entrepreneurs	

## 36. Diversity of Staff

<b>Percentage of faculty who are graduates</b>
--

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 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   |
| d) Class rooms with ICT facility                 | 2   |
| e) Students' laboratories                        | 4   |
| f) Research laboratories                         | 7   |

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.  
One (Single Child Programme) from UGC, NEW DELHI.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: Yes

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):

Sl. No.	Name of the Alumni	Working Department
01	Prof. G. Narsaiah	USA
02	Prof.Sathyanarayana Reddy	USA
03	Prof. Sreenadh Rao	Gulbarga University
04	Prof. M.V. Rajam	Delhi University
05	Dr. P. Laxminarayana	IAS
06	Dr. GVS. Murthy	Joint Director BSI
07	Dr. PS Rao	IFS Chief
08	Dr. Raghuram Singh	IFS
09	Dr. N. Devadas	DSP(Police)
10	Dr. Bhagawan Reddy	Excise Department
11	Dr. N. Narsa Reddy	Dy. Secretary

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.

**PPT, OHP, INTERNET, etc.UG,B.B,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/interactions.
- 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 tribe, Industrial Tours, Botanical Tours, NSS Activities.**

48. Give details of “beyond syllabus scholarly activities” of the department.

- Our Faculty visits the science fairs in district level and regional level as judges.
- Faculty deliver extension lectures in various colleges and Research Institutions.
- Faculty members are involved in adjudication of M.Phil. & Ph.D., in various universities.
- Senior Faculty Members went to various Universities as external expert to select Professors, Associate Prof, Asst. Professors.
- Writing Books and Book chapters.

49. State whether the programme/department is accredited/graded by other agencies? If yes

Give details: Yes, UGC –SAP-DRS-II DST-FIST; DBT-BUILDER

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- a. The Department of Botany shoulder the responsibility of establishing two more off Shoots (Microbiology and Biotechnology) departments.
- b. Established “**Azolla**” demonstration units to supply stock cultures for the farmers.
- c. We have expertise to authenticate the plants.

51 .Detail five major Strengths, Weakness, Opportunities and Challenges (SWOC) of the

Department.

**A. Strengths**

1. Dept, of Botany having expertise to identify the plants and collection of Germplasm of Cyanobacteria and their bioactive components.
2. Isolation of Mycotoxins from foods and feeds.
3. *In Vitro* micropropagation of endangered medicinal plants and collection & conservation of Cucurbit biotypes.
4. Identification, collection and preservation of ethno medicinal plants from Northern Telangana region.

**B. Weakness:**

1. We require well equipped Germplasm bank.
2. In adequate teaching and technical staff.

**C, Opportunities.**

1. To start M.Sc., (Forestry) course.
2. To improve collaboration with other disciplines and foreign universities.
3. To develop medicinal garden.

**52. Future plans of the department.**

- a.. Starting of integrated Ph.D.,programme
- b. Starting of 5 years M.Sc., (Botany) course.

## EVALUATIVE REPORT – BIOTECHNOLOGY DEPARTMENT

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 (Contractual)	02	02	

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. Of years of experience</b>	<b>No. of Ph.D./M Phil Students guided for the last 4 years</b>
Prof. A. Sadanandam	<b>M.Sc.PhD</b>	<b>Professor</b>	Molecular Biology Plant tissue culture Plant Biotechnology. Plastid Transformation	<b>33</b>	<b>07</b>
Prof. N. Ramaswamy	<b>M.Sc.PhD</b>	<b>Professor</b>	Molecular Biology Plant tissue culture Genetic Engineering	<b>30</b>	<b>09+01</b>
Dr. A.V.Rao	<b>M.Sc.PhD</b>	<b>Asst. Professor</b>	Plant Tissue Culture Genetic Engineering Molecular Biology	<b>14</b>	<b>Nil</b>
Dr.P.Srinivas	<b>M.Sc.PhD</b>	<b>Asst. Professor</b>	Microbial Biotechnology AM Fungi Microbial biodiversity	<b>10</b>	<b>Nil</b>
Dr.T.Shasthree	<b>M.Sc.PhD</b>	<b>Asst. Professor</b>	Plant Tissue Culture Genetic Engineering Molecular Biology	<b>04</b>	<b>Nil</b>
Dr.S.Madhavi	<b>M.Sc.PhD</b>	<b>Asst. Professor</b>	Plant Tissue Culture	<b>25</b>	<b>Nil</b>

**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****Prof.S.Ram Reddy, Rtd. Professor of Dept of Botany****13. Percentage of classes taken by temporary faculty – programme-wise information**

- M.Sc. Biotechnology Programme: 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	1:4

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.**

Academic Support Staff	Sanctioned	Filled	Actual
Administrative staff			
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
- Generating monoclonal antibodies against secretions of plant parasitic nematodes
- Bioinformatics
- Molecular cloning and signal transduction of abiotic stress tolerant genes
- Identification and conservation of endangered trees, medicinal plants and their improvement through biotechnological interventions.
- 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.
- Biochemical Toxicology and Molecular Diagnostics.

**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-04;  
total outlay -1,03.00 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.N.Rama Swamy- 2011-2014:** Molecular characterization of tassar silkworm, *Antheraea mylitta*, Department of Biotechnology, New Delhi. (29.33 lakhs) **Co Investigator**
- **Prof.N.Rama Swamy-2011-2016:** Isolation and characterization of Trichosanthin-Anti HIV protein from from Indian *Trichosanthes* spp., **University Grants Commission, New Delhi. (19.0 lakhs) Co Investigator**
- **Dr.T.Shasthree-2012-2015** Micropropagation and genetic transformation through *Agrobacterium rhizogenus* for production of potential alkaloids in *Citrullus colosynthis* **by UGC (12, 08,000)**

**Research projects completed during last five years and their total outlay:**

**Number-08; total outlay -119.96 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 annuum*, **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-2006-2009:** Development of Transgenic Drought Tolerance in cultivated Tomato, **AP-Netherlands Biotech Programme. (10.00 lakhs)**
- **Prof.N.Rama Swamy-2007-2010:**Development of Protocols for conservation and RAPD analysis of an endangered forest tree species *Wrightia tinctoria* **University Grants Commission, New Delhi. (10.00 lakhs)**
- **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**)

**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:** 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 Lak

**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 90 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 Academy, 2012.
  9. B.Sc. III year – Applications of Biotechnology- Paper –IV, Telugu Academy, 2012.
  10. Common core Syllabus for Intermediate- I year Botany -2012.
  11. Common core Syllabus for Intermediate II year Botany -2013.
  - \* **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**
  - IF From 0- 3.66**
  - 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**
  - 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, Indian Phyto- Pathological Society of India.
  - Fellow of Bangladesh Association of Plant Tissue Culture.
  - Visiting fellow of Murdoch University (1993-1994).
  - External Member, Board of Studies, Botany, nominated by Academic Council, Osmania University, Hyderabad (2003-2005).
  - Chairperson, Board of Studies, Biotechnology, nominated by Academic Council, Kakatiya University, Warangal (2002 - 2004).

- Programme Coordinator, SAP-UGC (2004 - 2009) nominated by the Expert Committee UGC-New Delhi.
- Programme Coordinator, BIF-DBT New Delhi (2006 to till date)
- Member Academic senate, Kakatiya University (2005 to till date)
- External Member, Board of Studies, Biotechnology, nominated by Academic Council, Andhra University, Visakhapatnam (2009 - 2012).
- External Member, Board of Studies, Pharmaceutical Chemistry, nominated by Academic Council, Shatavahana University, Karimnagar (2010 - 2013)
- Governor nominee for selections (2009) at Telangana University, Nizamabad.
- Governor nominee for selections (2009) at Nagarjuna University, Guntur.
- Member on the **Institutional Biosafety Committee**, Appointed by Ministry of Science and Technology, DBT, Govt. of India (21-04-2011 to 20-4-2014).

**Prof.N.Rama Swamy**

- Fellow of Indian Botanical society.
- Fellow of Genetics and Plant Breeding.
- Fellow of Indian Association of plant Morphologists.
- 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**, Duvvuru Ramanamma Womens 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.
- Member on the **Institutional Biosafety Committee**, Appointed by Ministry of Science and Technology, DBT, Govt. of India (21-04-2011 to 20-4-2014).

**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)**

**Prof. N. Rama Swamy**

- Awarded the Andhra Pradesh Scientist Award, 2007 by the Andhra Pradesh Council of Science and Technology, Govt. of A.P
- Awarded the **Excellency Award 2009** in recognition of outstanding research in The 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 Ocimum Biosolutions, The Netherlands & USA.
- **Siksha Rathan Puraskar Award-2010**, by International friends Society, New Delhi.
- **Talented Biotechnologist Award-2011** 3<sup>rd</sup> **International Conference on Medicinal Plants and Herbal Products**, University of Colombo, Colombo, Srilanka, Dec 19-21, 2011.
- **Bharath Jyothi 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 **4<sup>th</sup> International Conference on Medicinal Plants & Herbal Drugs** held during **6<sup>th</sup> to 8<sup>th</sup> 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. at Katmandu, 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 10<sup>th</sup> - 15<sup>th</sup> 2013

- **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

**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. 2<sup>nd</sup> to 4<sup>th</sup>.

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.Jacques Hille (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 7<sup>th</sup> to 9<sup>th</sup>.

A three day International conference on “**Biotechnology in Human Welfare**” was organized during 7<sup>th</sup>-9<sup>th</sup> February, 2013. **Prof.B.Venkat Rathnam**, Vice Chancellor, Kakatiya University inaugurated the International conference and **Prof.Dorothea Bortles**, 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. Peter Medgyesy (**Ireland**), Prof.Jacques Hille (**The Netherlands**), Prof. Dr. Wilhelm Gruissem (**Switzerland**), Omprakash Mittapalli (**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.

- Code of ethics for research followed by the departments**  
**Institutional Biosafety Committee** will look after code of ethics constituted by the Ministry of Science and Technology, DBT, Govt. of India

### 32. Student profile programme-wise:

Name of the	Applications	Selected	Pass percentage
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Programme (refer to question no. 4)	received	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	45	10	08	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
20 PG Students	Selected in BCIL (Biotechnology Consortium India Limited)
29 PG Students	Qualified NET/SLET
18 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%
<b>Employed</b> <input type="checkbox"/> Campus selection <input type="checkbox"/> Other than campus recruitment	
Entrepreneurs	

**36. Diversity of staff**

<b>Percentage of faculty who are graduates of</b>
<b>the same university : 100%</b>
<b>from other universities within the State</b>
<b>from universities from other States from</b>
<b>universities outside the country</b>

**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 : 02**

d) **Class rooms with ICT facility :02**

e) **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. Total INR 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	--	2.5
ELISA Reader	Biorad	6.5
Co <sub>2</sub> incubator	--	5.0
Green House	Saveer Biotech	10.0
Gel Documentation System)	(Biorad	5.5
Cold Centrifuge)	(Hermle	6.0
HPLC		8.0

Millipore water purification system	(Millipore)	7.5
Electro Cell Manipulator	(BTX)	6.0
Deep freezer (-86 <sup>0</sup> C)		5.5
ELISA Microplate reader	ECIL	6.0

- **Small Equipment:** Ovens, PH meters, water baths, shakers, refrigerators, microwaves, autoclaves, magnetic stirrers, cyclomixers, incubators, balances, microscopes

f) **Research laboratories :04**

**39. List of doctoral, post-doctoral students and Research Associates**

a) **from the host institution/university**

S.No.	Name of the Scholar	Position
1.	Dr.Chamundeshwari	UGC-Women Scientist
2.	Dr.P.Mahender	UGC-Post Doc
3.	K.Himabindu	Research Scholar
4.	K.Archana Goud	Research Scholar
5.	N.Murali Krishna	DST-Inspire Fellow Research Scholar
6.	E.Raghu	Research Scholar
7.	K.Bharath Kumar	Research Scholar
9.	P.Archana	Research Scholar
10.	RSS.Chary	Research Scholar
11.	R.Deepa Kumari	Research Scholar
12.	M.Rajinikanth	Research Scholar
13.	L.Raghuvardhan	Research Scholar
14.	Mahalaxmi Veena	UGC-RGNF Research Scholar
15.	B.Mahitha	Research Scholar

16.	B.Rathnaprabha	UGC-RGNF Research Scholar
17.	MH.Ebrahinzaden	Research Scholar
18.	SK.Altaf Hussain	UGC-MANF Research Scholar
19.	D.Rama Krishna	Project Fellow
20.	V.Rajender	Research Scholar

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? No
- b. 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 without writing their names on staff, curriculum and teaching-learning-evaluation and several aspects of the department. All the possible suggestions will be taken care for strengthening department.

- c. 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

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.
- -OHPs
  - -LCD Presentation
  - -Student Seminars
  - -Extension lectures
  - -Essay Writings
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.
- We have active research students exchange programme with foreign universities eg. Mr.U.Pavan worked in Germany and Italy, Mr.Venogopal and Dr.Ramesh worked in china. Dr.Kranthi presently working and Mr.Phanikanth is leaving to china next month.
- 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
- 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
- Noninterest of students towards M.Sc. programmes

**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

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**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)

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
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.Sanjeeva 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 Interantional 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, Geramny 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)	Applications 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 course	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 <ul style="list-style-type: none"> <li>o Campus selection</li> <li>o Other than campus recruitment</li> </ul>	<p>About 15% students are being placed in reputed Companies/ Industries every year through campus selections</p> <p>About 50% students are well placed in Educational institutions/ Companies/ Industries/ Research institutes, etc</p>
Entrepreneurs	About 5% students are self employed

## 36. Diversity of staff –

<b>Percentage of faculty who are graduates</b>	
of the same university	<b>90%</b>
from other universities within State	<b>10%</b>
from universities from other States from	<b>NIL</b>
Universities outside the country	<b>NIL</b>

## 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

	<b>Doctoral</b>	<b>Post-Doctoral</b>	<b>Research Associates</b>
host institution/ university	<b>45</b>	—	<b>01</b>
other institutions / universities	<b>05</b>	—	—

## 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, Maharasta.
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.

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

- Name of the Department ***Department of Commerce and Business Management***
- Year of establishment ***1972***
- Is the Department part of a School/Faculty of the university? ***Faculty of Commerce and Business Management***
- 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)., MBA., MBA (CMU Partnership), PG Diploma in Financial Services.,M.Phil., and Ph.D. Programmes are offered by the Department***
- Interdisciplinary programmes and departments involved ---
- Courses in collaboration with other universities, industries, foreign institutions, etc.  
***MBA (CMU Partnership), International Summer University (Collaboration with Management Development Institute, Gurgaon)***
- Details of programmes discontinued, if any, with reasons ---
- Examination System: ***Semester System with Two Semesters per year***
  - Participation of the department in the courses offered by other departments ---
- Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)  
***There are 15 Professors, 3 Associate Professors and 5 Associate Professors working in the Department***

Professor	<b><i>15</i></b>
Associate Professors	<b><i>03</i></b>
Asst. Professors	<b><i>05</i></b>
Others	

- 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	M.Com., Ph.D.,PGDCMP,CM C	37	Marketing & Information Technology	4
2	Prof.K.Omprakash	M.Com., Ph.D.	33	Finance & Accounting	3
3	Prof.B.Venkatarathnam	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)	32	OB,IR	
5	Prof.P.Krishnamachary	M. Com., Ph.D., FDP(IIMA)	33	Finance, Creativity & Innovation	4
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.	31	Marketing, Accounting, Taxation	4
8	Prof.V.V.S.Sarma	M. Com., Ph.D.	30	OB, HRM	3
9	Prof. K. Raji Reddy	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	M. Com., Ph.D.	29	Marketing	
12	Prof.P.Indrasena Reddy	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	20	Accounting, Finance	3
16	Prof.N. Kusuma	M. Com., Ph.D.	23	OB, HRM	2
17	Dr.S.Venketaswarlu	M.Com.,Ph.D.,PGDC A	22	Marketing & Information Technology	
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

• 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 SV University,Tirupati	Finance	March 2009	
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,	Marketing	April 2010	

	Visakhapatnam.			
17	<b>Prof. A. Sudhakar</b> , Dr. B.R. Ambedkar Open University, Hyderabad.	Finance	July 2010	
18	<b>Prof. A. V. Ramana</b> , Sri Krishnadevaraya University, Anantapur.	Human Resources	July 2010	
19	<b>Prof. P. Purushothama Rao</b> , Osmania University, Hyderabad.	Marketing	August 2010	
20	<b>Prof. D. Obul Reddy</b> , Director, Appollo School of Health Management, Hyderabad	Finance	September 2010	
21	<b>Prof. T. Krishna Kumar</b> , Osmania University, Hyderabad	Human Resources	July 2011	
22	<b>Prof. S. Jayanna</b> , Sri Krishnadevaraya University, Bellary, Karnataka	Finance	August 2011	
23	<b>Prof. S.K. Thripathi</b> , VBS Poorvanchal University, Jaunpur, Uttar Pradesh	Finance	September 2011	
24	<b>Prof. M. Ramachandra Gowda, Chairman</b> , Bangalore University, Bangalore	Marketing	November 2011	
25	<b>Prof. Aisha M Sheriff</b> , BN Bahadur Institute of Management, Mysore University, Manasagangothri, Mysore	Human Resources	January 2012	
26	<b>Prof. B.R. Ananthan</b> , Vice-Chancellor, Rani Chennamma University, BELGAUM	Marketing	February 2012	
27	<b>Dr. A. Raghu Rama</b> , Professor, Mangalore University, MANGALORE	Finance	March 2012	
28	<b>Prof. V.S. Devalankar</b> , University of Mumbai, KALINA – MUMBAI	International Business	March 2012	

29	<b>Prof. K.S. Chandrasekharan,</b> Kerala University, Trivandrum (KERALA)	Strategic Management	July2012	
30	<b>Prof. V. Murgaiyah,</b> Davanagiri University, Devanagiri, KARANATAKA	Finance	September 2012	
31	<b>Prof. Benarjee,</b> V.B.S., Purvachala University, JAUNAPUR 222002	Finance	October 2012	
32	<b>Prof. H.S. Anitha,</b> Davangere University, DAVANGERE	Human Resources	October 2012	
33	<b>Prof. C.V. Jayamani,</b> Cochin University of Science & Technology, KOCHI	Finance	December 2012	
34	<b>Prof. Nageshwar Rao,</b> Vice- Chancellor, Uttar Pradesh Rajarshi Tandon Open University, Allahabad	Organization Theory	February 2013	
35	<b>Prof. P. Subbaraj,</b> Dept. of Cooperation & Management, Gandhigram Rural Institute, Gandhigram, Dundigal district, Tamilnadu	Rural Entrepreneur ship	March 2013	
36	<b>Prof. K.P. Muraleedharan,</b> Department of Commerce & Management Studies, University of Calicut, Calicut	Marketing	March 2013	
37	<b>Prof. G. Anjeneya Swamy,</b> Dept of Tourism Management, Pondicherry University, Pondichery	Marketing	April 2013	
37	<b>Prof. B. Ramesh,</b> Department of Commerce, Goa University, Goa	Finance	April 2013	
38	<b>Prof. Ravinder Vinayak,</b> M.D. University, ROHTAK, HARAYANA	Strategic Management	July 2013	
39	<b>Prof. M.S. Senam Raju,</b> School of Management, Indira Gandhi National Open University, Maidan Garhi, New Delhi	Finance	August 2013	

40	<b>Prof. Arindam Gupta,</b> Midnapur University, Midnapur, West Bengal	Marketing	October 2013	
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*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.*

- 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.*
- Programme-wise Student Teacher Ratio – *Total Student Strength of M.Com and MBA comes to 200 and the Student Teacher ratio come to 10:1.*
- 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 CCT and One Office Assistant apart from the existing sub staff.*
- 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.*
- 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. P.Indrasena Reddy	6.94	
7	Prof. Ch.Rajesham	4.70	
8	Prof.K.Venkata Janardan	4.40	
9	Dr.P.Varalaxmi	3.00	
10	Dr. K.Raji Reddy	6.00	

- Inter-institutional collaborative projects and associated grants received
  - a) National collaboration: *The Department has entered MOU with Management Development Institute, Gurgaon, for deputing the 2<sup>nd</sup> 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: *KU\_CMU MOU programme is still under operation.*
- 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
- Research facility / centre with - NA
  - state recognition
  - national recognition
  - international recognition

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- Special research laboratories sponsored by / created by industry or corporate bodies - NA
- 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
- Details of patents and income generated - *NA*
- Areas of consultancy and income generated - *NA*
- Faculty selected nationally / internationally to visit other laboratories / institutions
- ***Prof.G.V.Bhavani Prasad has visited Central Michigan University, Mt.Pleasant, Michagan, USA Between 1<sup>st</sup> September 2009 till 10 November 2009 under the Faculty Exchange Programme.***
  - industries in India and abroad - *NA*
- Faculty serving in
  - 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, NAAC Peer Teams and APSCHE Joint Inspection Committees.***
  - ***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.***
- 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.***

- 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
- 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*
  - Doctoral / post doctoral fellows
  - Students
- 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*
- 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.*
- 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

- How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. *NA*

- Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
<input type="checkbox"/> Campus selection	
<input type="checkbox"/> Other than campus recruitment	
Entrepreneurs	

### 36. Diversity of staff

**Percentage of faculty who are graduates of**  
the same university

from other universities within the State

from universities from other States from

universities outside the country

***80 Percent of the***

***Faculty are from the Same University***

- 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***
- Present details of departmental infrastructural facilities with regard to
  - Library - ***Equipped with 2112 Titles and 26 Journals of National and International Repute***

- Internet facilities for staff and students – The Department has Networked Computer Lab as well wi-fi.
- Total number of class rooms - **10**
- Class rooms with ICT facility - 04
- Students' laboratories - 02
- Research laboratories - **01**
- List of doctoral, post-doctoral students and Research Associates - *NA*
  - from the host institution/university
  - from other institutions/universities
- 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***
- Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. *NA*
- 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 feed back 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?
- List the distinguished alumni of the department (maximum 10)
- ***Mr. Jagadiswar 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***
- 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***
- 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***
- 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.***
- Highlight the participation of students and faculty in extension activities.
- ***The Students organized Management Students Meet(MAD Show – Synergy was organized on 5<sup>th</sup> 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.***
- 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.***
- 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***
- Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- 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***

#### ***Weaknesses***

- . ***Majority of the Faculty are retiring by 2017***
- . ***Students come from rural background and hence weak in Communication***
- . ***Limited Financial and career support from the Industry***
- . ***Limited financial support from national agencies***
- . ***Weak 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*

- *Future plans of the department.*
- *The Department Intends to offer*
- *M.Com (Rural Entrepreneurship),*
- *MBA(Rural Management),*
- *MBA (Retailing),*
- *M Com ( Financial Audit) in colloboration with Institute of Chartered Accountants of India and other*
- *MBA Programmes such as Travel and Tourism, Health Care Administration and*
- *M Com (Corporate Govennance) 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 DEPARTMENT

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: **Annual for UG/Semester for P.G and B.C.A**
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)
<b>Dr. B. Manjula</b>	PhD. (C.S) from KU, M.SC. (IS) from OU.	Assistant Professor	Data Mining, Programming Languages.	10
<b>Dr. B. Rama</b>	Ph.D. (C.S.) from Padmavathi Mahila University.	Assistant Professor	Artificial Intelligence and data mining	15
<b>D.Ramesh</b>	M.Tech. from JNTU, HYD	Assistant Professor	Cryptography and Network Security	07
<b>M.Venugopal Reddy</b>	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, Hyderabad
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                      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 conference s	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

- b) 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	
<b>Dr. B. Manjula</b>	<i>A Refresher Course on “Free and Open source Software for Embedded Systems Development</i>	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	National			NIT ,Warangal

	Warehousing and Data mining				
<b>Dr.B.Rama</b>	30 <sup>th</sup> 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
<b>Mr. D. Ramesh</b>	98 <sup>th</sup> 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 (refer to question no. 4)	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	
<input type="checkbox"/> Campus selection	5%
<input type="checkbox"/> 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**

g) Class rooms with ICT facility : **04**

h) Students' laboratories : **03**

i) 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, Jagan, 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.

**Advantages:**

- **Good Internet Facility with WI-FI facility**
- **E-Class Rooms**
- **Conduction of Certificate courses**
- **Collabation with IIT Bombay**
- **Innovative way of Teaching Methodologies**

**Disadvantages:**

- **Lack of Building Infrastructure**
- **Lack of Research Lab**

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

### Profile of the Department of Economics:

Our department was established in the year 1974 (November) as one of the departments of the then University PG College, Warangal, established by Osmania University, Hyderabad. In the year 1976 (August), this PG centre has been elevated to the status of separate university with the name “**Kakatiya University**” to mark the golden era of the Kakatiya Dynasty which has ruled this area a few centuries ago. The total strength of our department is 11 representing 8 from teaching faculty and 3 from non-teaching. The total strength of students is 74 per year representing 37 from 1st year and 37 from 2nd year of M.A Economics representing 1 : 9 Teacher-Taught ratio. The department offers Post Graduation, M.Phil and Ph.D programmes with an overall intake of 135 students. The system of examination adopted for Post Graduate students is semester-wise evaluation. The following table depicts the number of teaching posts sanctioned and appointed in our department.

Designation	Sanctioned	Filled	Actual (CAS/MPS)
Professor		08	08
Asso. Professors		--	--
Asst. Professors		--	--
Others		--	--

The table presented below shows the profile of the faculty with name, qualification, designation, area of specialisation, experience, research guidance etc.

Name	Qualification	Designation	Specialisation	Years of Experience	Number of Ph.D /phil scholars guided for the last 4 years	
					Ph.D	M.Phil
Dr. Mrs. N. Vijaya	M.Phil., Ph.D	Professor	Micro Economics	35	--	--
Dr.Mrs. T. Jyothi Rani	M.Phil., Ph.D	Professor	Political Economy & Womens' Studies	36	01	01
Dr. A.Sadanandam	M.Phil., Ph.D	Professor	Econometrics	33	--	--
Dr. Mohd. Iqbal Ali	M.Phil., Ph.D	Professor	Development Economics	31	02	01
Dr. T.Papi Reddy	Ph. D	Professor	Agriculture Economics		--	--
Dr. A.Vinayak Reddy	Ph. D	Professor	Agriculture Economics	23	02	--
Dr. G. Bhaskar	Ph. D	Professor	Development Economics	22	06	--
Dr. C.Renuka	Ph. D	Professor	Agriculture Economics	22	02	--

**Dr. K. Venkat Narayana** has been retired from the department in the year 2012 and was selected as '**Professor of Emeritus**' by the UGC in the year 2013.

The programme-wise teacher-student ratio with regard to post graduation represents 1:9; M.Phil 1:2 and Ph.D 1:6. Our department has got no technical and administrative staff appointed on permanent basis.

The thrust areas identified by the department and the SAP-DRS-II, under a Major Funding Agency, i.e, UGC are listed out below.

Department	SAP-DRS (UGC)
<b>Agricultural Economics</b>	<b>Agrarian Studies</b>
<b>Labour Economics</b>	<b>Gender Studies</b>
<b>Environmental Economics</b>	<b>Environmental Studies</b>
<b>Rural Development</b>	<b>Agrarian Studies</b>
<b>Tribal Studies &amp; Anthropology</b>	<b>Driland Farming</b>
<b>Gender Studies</b>	<b>NREGS</b>
<b>Regional Economics</b>	
<b>Industrial Economics</b>	

The present faculty has been granted with several national projects as mentioned below:

Name of the Investigator	Title of the Project	Name of the Funding Agency	Year	Grant Received
Prof. N. Vijaya	Women Entrepreneurship and Women Empowerment – A Study in Telangana Region	UGC	2009	4,66,700
Prof.G. Rajaiah	Rich Products and Hungry Lives: Predicament Handloom Weavers in AP – A Study in Telangana Region	UGC	2009	4,23,700
Prof. K. Venkat Narayana	Micro Solution for Macro Problems: Role of Microfinance for Rural Development – An Empirical Study in Telangana	UGC	2009	4,27,500
Prof. G. Sudershan	Impact of Women Self-Help Groups in the Economic Development of AP – A Study	UGC	2009	7,99,000
Prof. G. Bhaskar	Status of Urban Informal Sector in India – A Study in Andhra Pradesh	UGC	2011	7,20,200
Prof.K. Manuja Devi	SHGs and Empowerment of Rural Women- A study in two Districts	UGC	2012	8,45,100

	of Telangana Region in Andhra Pradesh			
Dr. S. Radhakrishna	Economic Conditions of Tribal labourers – A Comparative Study of Major Tribal Groups in the Agency Area of Andhra Pradesh	UGC	2012	7,34,800
Dr. K. Mohan Reddy	Significance of Minor Forest Produce in Tribal Economy: A Micro Level Study	UGC	2011	6,95,200
Prof. K. Venkat Narayana	Combating Child labour in India – An Empirical Study in Andhra Pradesh	Planning Commission	2012	6,44,200

The Department Faculty has been very active in carrying out research on contemporary subjects and published many research articles in national and international reputed journals and magazines apart from contributing chapters representing Course Material in various Books printed and edited by others. The faculty has also taken initiative to write and publish Books with ISBN code. The detailed information is presented below:

Number of Research Articles published in National Journals: 85

Number of Research Articles published in International Journals: 08

Number of Chapters (Course Material) contributed: 25

Number of Books Published with ISBN Code: 07

**(Serial Publications & New Century Publications, New Delhi)**

- Women Entrepreneurship and Women Empowerment – A Study in Telangana Region of AP**  
*Written by Prof. N.Vijaya*, Dept. of Economics  
Lac Lambert Academic Publishing, Germany-2012,  
ISBN No.13:978-3659191091
- Environment, Globalization and Economic Development**  
*Edited by Prof. G.Rajaiah*, Dept. of Economics  
New Century Publications, New Delhi – 2013  
ISBN NO.9788177083309
- WTO, Globalization and Indian Agriculture**  
*Edited by Prof. Mohd. Iqbal Ali & Prof. G.Bhaskar*, Dept. of Economics  
New Century Publications, New Delhi – 2014  
ISBN No.9788177082647
- Rural Artisans in India: Globalization Perspective**  
*Written by Prof. A.Vinayak Reddy*, Dept. of Economics  
Mittal Publications, New Delhi – 2014  
ISBN No.81-8324-461-0
- Gender Issues: Empowerment of Women**  
*Edited by Prof. K.Manuja Dev*, Dept. of Economics  
Serial Publications, New Delhi-2014

ISBN No.978-81-8387-656-8

The following table presents the information pertaining to faculty members served in various State and National committees.

<b>Name of the Faculty Member</b>	<b>Name of the Committee/ Board</b>	<b>Designation</b>
Prof. T. Jyothi Rani	Editorial Board, Socio-Scan	Member
Prof. T. Jyothi Rani	Women's Welfare, Committee against the Sexual Harassment on Women at Work Place	Chairperson
Prof. N. Vijaya	Editorial Board, Telugu Academy	Member
Prof. Md. Iqbal Ali	NAAC Peer Committee	Chairman
Prof. Md. Iqbal Ali	UPSC, Selection Committee	Member
Prof. A. Vinayak Reddy	Editorial Board, Pragathi Journal of Indian Economy	Member

The Orientation Programmes and Workshops conducted by our department during the latest 5 years period are mentioned below:

**- Nil -**

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.

Our Faculty could get many awards from reputed institutions on national standard as mentioned below:

<b>Name of the Faculty Member</b>	<b>Name of the Award</b>	<b>Year</b>
Prof. N. Vijaya	Meritorious Teacher Award	2009
Prof. Md. Iqbal Ali	Lt. Col. Honorary Award, NCC, Government of India	2011

The Seminars/Conferences organised by the department in the recent years along with sources of funding are presented below:

<b>Title of the Seminar</b>	<b>Year</b>	<b>Name of the Keynote Addressor</b>	<b>Funding Agency</b>
Globalisation - Environmental Issues & Challenges	2009	Prof. K. Purushotham	UGC
Political Economy of Special Economic Zones (SEZs)	2009	Prof. Jean Dreaze	ICSSR
Emerging Dimension of Dryland Farming	2010	Prof. L. Jalapathi Rao	UGC
Inclusive Growth and Empowerment Perspectives: Focus on NREGS	2011	Prof. N. Linga Murthy	UGC
Empowerment of Women – Role of SHGs and MFIs: Issues, Challenges and Remedies	2012	Prof. K. Venkat Narayana (Theme Paper)	NABARD

Agriculture Growth and Food Security: Challenges in the Era of Globalisation	2012	Prof. Aldas Janaiah	UGC
Effects of FDI in Retail Markets vis-a-vis Agriculture	2013	Prof. J. Manohar Rao	UGC

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.

The following statement clearly presents the student profile of our department:

Year	Name of the Programme	Applications Received	Selected		Pass Percentage	
			Male	Female	Male	Female
	P.G.	2358	24	13	100	100
	M.Phil	78	09	03	100 (Part-I)	100 (Part-I)
	Ph.D	350	41	12	100 (Pre-Ph.D)	100 (Pre-Ph.D)

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	90	10	--	---
M.Phil	100	--		
Ph.D	100	--		
Post Doctoral	100	--		

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	--	03	02	--
CIVIL/ DEFENCE SERVICES (Police)	--	01	--	--

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	Nil
PG to M.Phil	08
PG to Ph.D	25
Ph.D to Post-Doctoral	01
Employed:	
Campus Selection	08
Other than Campus Recruitment	40
Entrepreneurs	24

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

The infrastructural facilities available at present in the department are as under:

Library : 475 (Books)

Internet Facility:

To the Staff: - Available -

To the Students: - Available -

Total Number of Class Rooms: 05

With ICT facility : 01

Student Laboratories : 01 (Computer Lab)

Research Laboratories: Nil

The list of doctoral and post-doctoral students and research associates from the host-university is as follows:

I: Doctoral: 53

II: Post-doctoral: 02

**1. Dr. B. Veeraiah**

**2. Dr. V. Murali**

III: Research Associates: - Nil -

Five members of post-graduate students are getting merit scholarships from the university.

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.

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. G. Kishan Rao**

**2. Prof. K. Nageshwar Rao**

**3. Prof. M. Sunder Rao**

**4. Prof. R. G. Desai**

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.

The SWOC of the department are as under:

**I 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-learner Centric Environment;
- v) Cordial relations between the staff.

**II. Weaknesses: The main weaknesses are:**

- i) Attainment of Superannuation by most of the Senior Faculty Members;
- ii) No further Recruitment;

**III. 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;

**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 Courses;
3. Recruitment of highly efficient Teaching and Non-teaching staff; and
4. Establishment of Placement Cell;

## EVALUATIVE REPORT – EDUCATION DEPARTMENT

1. Name of the Department : **DEPARMENT 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.(Edn) (4) Ph.D.(Edn)**
5. Interdisciplinary programmes and departments involved **- Nil -**
6. Courses in collaboration with other universities, industries, foreign institutions, etc  
**(1) M.Ed. – Study Centre, Dr.BRAOU, Hyderabad**
7. Details of programmes discontinued, if any, with reasons **- Nil -**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System  
**UG – Annual (B.Ed), PG – Semester (M.Ed)**
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)

<i>Post</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual</i> <i>(Including CAS &amp; MPS)</i>
Professor	<b>1</b>	<b>---</b>	<b>3</b>
Associate Professor	<b>2</b>	<b>---</b>	<b>---</b>
Assistant Professor	<b>1</b>	<b>1</b>	<b>1</b>
Other	<b>---</b>	<b>---</b>	<b>---</b>

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

No.	Name	Designation	Qualifications	Areas of Specialization
1.	<b>Prof. N. Ramnath Kishan</b>	Professor & Dean, Faculty of Education	M.A.(Economics) M.Ed. M.Sc.(Psychology) M.Phil. (Education) Ph.D. (Economics) Ph.D. (Education)	→ Economics of Education → Educational Psychology
2.	<b>Prof. S. Mahender Reddy</b>	Professor & Chairperson, BOS in Edn.	M.Sc. (Mathematics) M.Ed. M.Phil. (Education) Ph.D. (Education)	→ Mathematics Education → Educational Evaluation
3.	<b>Dr. D. Rajendra Prasad</b>	Professor & Director, SDLCE	M.Sc. (Chemistry) M.Ed. M.Phil. (Education) Ph.D. (Education)	→ Science Education → Distance Education
4.	<b>R. Vijayalatha</b>	Assistant Professor	M.Sc. (Micro-Biology) M.Ed. UGC.NET M.Sc. (Psychology) M.Phil. (Education) Ph.D.(Edn.)-Pursuing	→ Educational Philosophy → Biological Science

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors - Nil -
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 - 9:1 (2) B.Ed - 10:1
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 - 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 - Nil -
22. Publications: - Nil -
- 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
  - Impact Factor – range / average
  - h-index
23. Details of patents and income generated
- (1) M.Ed. (Regular) – Rs.2.75 lakhs per annum
  - (2) B.Ed.(SFC) – Rs.16.0 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
  - (3) Prof. D. Rajendra Prasad – Attended International Conference at Texas, USA
  - (4) Mrs. 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
  - 2) Prof. N. Ramnath Kishan – SRC-NCTE Visiting Team Member
  - 3) Prof. S. Mahender Reddy – NAAC Peer VT Member
  - 4) Prof. S. Mahender Reddy – Editorial Board Member, i-manager Publications for Journal of Psychology in Education
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops,

training programs and similar programs). - Nil -

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 / industry / institute

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.
- 1) APSCHE sponsored National Seminar on “**Role of Information & Communication Technology in Education in the Context of Globalization**” was organized on 2<sup>nd</sup> & 3<sup>rd</sup> August, 2013

31. Code of ethics for research followed by the departments - Nil -

32. Student profile programme-wise:

<i>Name of the Programme</i>	<i>Applications received</i>	<i>Selected</i>		<i>Pass percentage</i>	
		<i>Male</i>	<i>Female</i>	<i>Male</i>	<i>Female</i>
<b>M.Ed.</b> (Master of Education)	---	<b>22</b>	<b>13</b>	<b>58%</b>	<b>35%</b>
<b>B.Ed.</b> (Bachelor of Education)	---	<b>50</b>	<b>48</b>	<b>46%</b>	<b>42%</b>

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)	64%	36%	-	-
B.Ed. (SFC)	75%	25%	-	-
M.Phil.(Edn)	85%	15%	-	-
Ph.D.(Edn)	70%	25%	-	5%

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

	<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	- B.Ed. to M.Ed.	<b>65 %</b>
PG to M.Phil.	- M.Ed. to M.Phil	<b>40 %</b>
PG to Ph.D.	- M.Ed. to M.Phil	<b>20 %</b>
Ph.D. to Post-Doctoral		<b>-</b>
Employed		<b>80 %</b>
<input type="checkbox"/> Campus selection		<b>20 %</b>
<input type="checkbox"/> Other than campus recruitment		<b>60 %</b>
Entrepreneurs		<b>-</b>

## 36. Diversity of staff

<i>Percentage of faculty who are graduates of</i>	
the same University	<b>80 %</b>
from other universities with the State	<b>20 %</b>
from universities from other States from	<b>-</b>
Universities outside the country	<b>-</b>

## 37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

(1) **2 – Ph.Ds**      (2) **2 – M.Phils**

## 38. Present details of departmental infrastructural facilities with regard to

a) Library	<b>5750 Books</b>
b) Internet facilities for staff and students	<b>Yes</b>
c) Total number of class rooms	<b>6 (Six)</b>
d) Class rooms with ICT facility	<b>1 (One)</b>
e) Students' laboratories	<b>4 (Four)</b>
f) Research laboratories	<b>2 (two)</b>

## 39. List of doctoral, post-doctoral students and Research Associates - Nil

- 
- 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. - 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. - Nil
- 
51. Detail five major Strengths, Weaknesses, Opportunities & Challenges (SWOC)
- a) M.Ed. Students are recruited as Teacher Educators
  - b) B.Ed. Students are recruited as School Teachers
52. Future plans of the department.
- a) Planning to develop Educational Technology & Computer Assisted Learning

## EVALUATIVE REPORT - ENGLISH DEPARTMENT

1. Name of the Department : ENGLISH
2. Year of establishment : 1976
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 :  
Offers: Offers Remedial Programmes in Communication Skills to 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	-----	6	6
Associate Professors	-----	-----	1
Asst. Professors	-----	-----	
Others			

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	No. Of Ph.D M.Phil students Guided for the last 4 years	Sex
Dr.G. Damodar	Professor	Ph.D., M. Phil PGDTE	ELT, IWE, AL, Translation	34	2	M
Dr.P.Shailaja	Professor	Ph.D. M. Phil PGCTE	AL, ELT, Women's Writing	28	2	F
Dr.M.Rajeshwar	Professor	Ph.D. M. Phil	II Ind.Lit. in Eng. Translation. Lit. Criticism, Post Colonial Literatures	22	2	M
Dr.V.Srinivas	Professor	Ph.D. M. Phil	ELT, Indian Literatures in English, AL	28	4	M
Mr.K.Damodar Rao	Associate Professor	M.Phil	Post-Colonial Literatures, Regional Literatures in English Translation, Translation studies	22	3	M
Dr.S.Latha	Professor	Ph.D. M. Phil	BL., Lit. Criticism Women's writing	22	1	F
Dr.K.Purushotham	Professor	Ph.D. M. Phil PGDTE	ELT Post-Colonial Literatures AL, II, Regional Literatures in English Translation	22	6	M

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors :  
 Prof.M.Rajagopalachary, UGC Visiting Professor  
 Prof Vishwanatha Rao, UGC Visiting Professor

13. Percentage of classes taken by temporary faculty programme-wise information: Nil

14. Programme-wise Student Teacher Ratio :

MA: 1: 10  
 M. Phil: 1:2  
 Ph. D. 1:6

15. Number of academic support staff (technical): Nil

Administrative staff: sanction : 2

16. Research thrust areas as recognized by major funding agencies:

1. ELT
2. Indian Writing in English
3. Post-colonial 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.

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
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: Nil      b) International collaboration: Nil

19. Departmental projects funded by UGC-SAP total grants received: 21 Lakh (7 lakh x 3 Years)

20. Research facility / centre with

- α. state recognition: Yes  
 β. national recognition: Yes  
 χ. international recognition: Yes

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) 73
  - \* Monographs: Nil
  - \* Chapters in Books 10
  - Edited Books 10
  - \* Books with ISBN with details of publishers: 7

**G. DAMODAR**

*English Phonetics* (for PG Students)(Warangal: SDLCE, KU, 2013)

*English Language Teaching* (for M.A. students) (Hyd: PST University, 2010)

*Communication Skills* (for UG Students)(Warangal: SDLCE, KU, 2009)

**M. RAJESHWAR**

*Postcolonial Indian Fiction in English and Masculinity*, co-editor, Letizia Alterno (New Delhi: Atlantic, 2009).

*The Male Empire Under the Female Gaze: The British Raj and the Memsahib*, co-editor, Susmita Roye (Amherst, NY: Cambria Press, 2013).

**K. PURUSHOTHAM**

*English for Employability*. Hyderabad: Orient BlackSwan, 2013. ISBN: 978 81 250 5224 1.

*English for Fluency*. Hyderabad: Orient BlackSwan, 2013. ISBN: 978 81 250 5224 1.

*Black Lilies: Telugu Dalit Poetry*, Ed. and Trans. New Delhi: Critical Quest, 2013. ISBN: 978 81 89524 91 3.

**K. DAMODAR RAO**

*Blissful Abode* (Translation of Anumandla Bhoomaiah's *Shanti Garbha*)  
Hyderabad: Pottisreeramulu Telugu University, 2009.

*Pride of Place: An Anthology of Telugu Poetry 1981-2000*. Hyderabad:  
Palapitta Publications, 2011.  
ISBN: 81-7525-022-4

*Scent of the Soil: Selections from Telangana Kavitha 2006-2010* (Ed).

Hyderabad: Telangana Books, 2012.

*Flames and the Man* (Translation of Dr. C. Narayana Reddy's Sahitya Akademi award winning poetry collection, *Mantalu—Maanavudu*). New Delhi: Sahitya Akademi, 2012: ISBN 81 260 4100 5.

*Ode to Frontline Formations: An Anthology of Telangana Movement Poetry 2000-2011* (Ed). Hyderabad: Telangana Sahiti Samakhya, 2013. ISBN: 978-81-926132-2-2

*Ocean is My Name* (Translation of Gunturu Seshendra Sharma's *Samudram Naa Peru*).

- \* 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
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 2
26. Faculty serving in
- c) National committees: 2
- d) International committees Nil
- e) Editorial Boards 2
- f) Any other (please specify) Nil
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs: The Dept organised SIX workshops/training programmes
28. Student projects
- α. percentage of students who have done in-house projects including inter-departmental projects: Nil

- β. percentage of students doing projects in collaboration with other universities  
1.industry / institute: Nil
29. Awards / recognitions received at the national and international level by
- α. Faculty 2
- β. Doctoral / post doctoral fellows 1
- χ. Students: Nil
30. Seminars/ Conferences/Workshops organized and the source of funding (national  
i. international) with details of outstanding participants, if any: Five
31. Code of ethics for research followed by the departments: 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				100	100
Ph.D.				----	----

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 Defense Services examinations, NET, SET, and other competitive examinations? Give details category-wise. 20

## 35. Student progression

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	5
PG to Ph.D.	5
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	6
from other universities within the State	
from universities from other States 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

- Library :Yes
- Internet facilities for staff and students: Yes
- Total number of class rooms :4
- Class rooms with ICT facility 1
- g) Students' laboratories 1
- h) Research laboratories: Nil

## 39. List of doctoral, post-doctoral students and Research Associates

from the host institution/university Nil

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? Yes

students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes

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. Prof V. Gopal Reddy, former vice chancellor, Kakatiya and Palmuru Universities
2. Prof. D. Venkat Rao, EFL University, Hyderabad
3. Prof. Syed Muzeeb-ud-din, University of Hyderabad, Hyderabad
4. Prof. G.Thirupathi Kumar, EFL University, Hyderabad
5. Dr.Meena Bhushan, EFL University Hyderabad
6. Dr.M. Koteswar Rao, Krishna University, Machilipatnam
7. Dr.B. Sivanagaiah, VIT Vellore.

44.Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

1. Remedial Classes in communication skills
2. Guest Lectures on Literature
3. Extension Lectures on Literature
4. Lectures by Visiting Professors

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 feed back and answer scripts

47.Highlight the participation of students and faculty in extension activities.

All the students and faculty participate in Extension activities like NCC, NSS.

48.Give details of “beyond syllabus scholarly activities” of the department.

The Department undertakes the following activities:

1. Practice Teaching outside the University
2. Report writing skills

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: The faculty of the Department are resourceful in generating knowledge basis in translations, theory and classroom applications.

51.Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- a. Sincere faculty
- b. Hardworking faculty
- c. Resourceful faculty
- d. Long history of the department

52.Future plans of the department: The department plans to offer the following in future:

- a. M.A. in ELT
- b. PGDTE

## 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.): **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 : **NIL**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others) :

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
<b>Professor</b>	01	----	03
<b>Associate Professors</b>	02	01	00
<b>Asst. Professors</b>	06	04	02
<b>Others</b>	----	-----	----

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>Prof. K. Narender Reddy</b>	M.Sc. Ph.D	Professor	Economic Geology, Ground Water and Environmental Geology.	25 Years	04(Ph.D).
<b>Prof. K. Niranjan Kumar</b>	M.Sc. Ph.D	Professor	Ground Water and Environmental Geology.	23 Years	NIL
<b>Prof.K. David</b>	M.Sc. Ph.D	Professor	Petrology and Geo Chemistry	23 Years	NIL
<b>Dr. R. Mallikarjuna Reddy</b>	M.Sc. Ph.D	Assistant Professor	Petrology and Geo Chemistry	10 Years	NIL
<b>Dr. Ch. Vanaja</b>	M.Sc. Ph.D	Assistant Professor	Petrology and Geo Chemistry	08 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: **48%**

14. Programme-wise Student Teacher Ratio: **1:7**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :

Sanctioned	Filled
Technician-I 01	01
Lab Assistant 02	02

CCT	01	01
Section Cutter	01	01
Lab Attainder	01	01
Office Subordinate	01	01
Kamati	01	NIL

16. Research thrust areas as recognized by major funding agencies: Petrology, Geo-Chemistry and Hydro Geology.
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
<b>Prof. K. David</b>	National	UGC(NewDelhi) 7.99 Lakhs. June 30 <sup>th</sup> 2011.	Petrological and Geological investigations on Alkali Syenite Intrusives of Pulikonda and Dancharla.
<b>Dr. R. Mallikarjuna Reddy</b>	National	AMD(BRNS) 28.01 Lakhs December 2011.	Petro Mineralogical and Geo chemical studies to Identify Rare Metal and Rare Earth Rich faces in Prakasham Alkaline Province
<b>Dr. K. Srinivas Varma</b>	National	A.P 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 and Osmania University**  
b) International collaboration: ---

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.: **DST-FIST**

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: **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  
a. industries in India and abroad ;**NIL**

26. Faculty serving in: **NIL**

- g) National committees
- h) b) International committees
- i) c) Editorial Boards
- j) d) 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 course attended by Dr. R. Mallikarjuna Reddy.**

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 :NIL
- a. Faculty
  - b. Doctoral / Post Doctoral Fellows
  - c. 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 dynamists (Kohonoor-Kakatiyas the Future Status of Golkonda ) by Prof. V. Madhavan one day Work-Shop on April 30<sup>th</sup> 2012.  
One day Award Lectures sponsored by Geological Society of India. Bangalore, July 2013.
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 -2010-2011	400	20	06	92%	95%
M. Sc -2011-2012	422	24	08	92%	95%
M. Sc -2012-2013	250	24	07	95%	96%
M. Sc -2013-2014	270	24	08		

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**

35. Student progression

Student progression	Percentage against enrolled
UG to PG	80%
PG to M.Phil.	---
PG to Ph.D.	0.5%
Ph.D. to Post-Doctoral	NIL
Employed	
<input type="checkbox"/> Campus selection	70%
<input type="checkbox"/> Other than campus recruitment	30%
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates :of the same university
of the same university: 02
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

- Library / Seminar Library :**Seminar Library**
- Internet facilities for staff and students : **YES it is available**

- c. Total number of class rooms :**04**
- i) Class rooms with ICT facility :**NIL**
- j) Students' laboratories :**03**
- k) Research laboratories :**01**

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.
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? : **NO**
  - ii. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **NIL**
  - iii. 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)

S. No	Name of the Candidate	Organization	Nature of Work
1	K. Sateesh	A.P.Rural Development	Geologist
2	Ch. Naresh	A.P.Rural Development	Geologist
3	J. Suresh	A.P.Rural Development	Geologist
4	B. RajKumar	Nagarjuna Group	Exploration Geologist
5	L. Srilatha	A.P.Rural Development	Geologist
6	L. Biksapathi	A.P.Rural Development	Geologist

7	S. Ramesh	Geological Society of India	Geologist
8	M. VijayKumar	Geological Society of India	Geologist
9	G. Shailaja	Infotech	Data Analyst
10.	K. Padma	NSL	Consolidated Geologist

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. :**LCD , OVER HEAD-PROJECTOR, MAPS, CHARTS ,MODELS.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 industry.**
47. Highlight the participation of students and faculty in extension activities.:
48. Give details of “beyond syllabus scholarly activities” of the department: **To enlighten the society with regard to rain water harvesting and management of groundwater.**
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.
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 Marketing
  3. To develop collaborative projects with other Universities in the new frontiers of Research.
  4. To sign MoUS with National / Multinational Companies.
  5. To encourage the Faculty to apply for Projects with 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. The additional accommodation

enables the staff to undertake the research work in well equipped laboratories the students and scholars will also get benefited well equipped laboratories.

The Teaching is 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 100% placements to all the PG Students in National/Multinational Companies and the Department has chalked out plans to keep up the some employment potential to its students in the future.

## EVALUATIVE REPORT – HISTORY & TOURISM 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**
  - History & Master of Tourism Management
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 (B.A History & B.Voc Tourism) Annual
  - PG M.A History & Master of Tourism Management) Semester
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)**

Posts	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	03

Associate Professors	01	01	00
Asst. Professors	03	03	03
Others			

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
<b>Prof. A. Bobbili</b> (Retired on 31-07-2011)	M.A., Ph.D	Professor	Modern Indian History	35	02 Ph.D; 00 M.Phil
<b>Prof. P. Hymavathi</b> (Retired on 30-04-2011)	M.A., M.Phil., Ph.D	Professor	Medieval Indian History	25	05 Ph.D; 03 M.Phil
<b>Prof. L.Vidyasagar Reddy</b> (Retired on 28-02-2009)	M.A., Ph.D	Professor	Modern Indian History	35	00 Ph.D; 00 M.Phil
<b>Prof. Syed Ayub Ali</b> (Retired on 30-04-2014)	M.A., M.Phil., Ph.D	Professor	Medieval Indian History	32	02 Ph.D; 01 M.Phil
<b>Prof. S. Srinath</b>	M.A., M.Phil Ph.D	Professor	Modern Indian History	32	00 Ph.D; 00 M.Phil
<b>Prof. G. Bhadru Naik</b>	M.A., M.Phil., Ph.D	Professor	Modern Indian History	30	08 Ph.D; 01 M.Phil
<b>Prof. K. Vijaya Babu</b>	M.A., L., Ph.D	Professor	Modern Indian History	25	03 Ph.D; 02 M.Phil

<b>Dr. T. Manohar</b>	M.A., M.Phil., Ph.D	Assistant Professor	Modern Indian History	14	04 Ph.D; 04 M.Phil
<b>Dr. T. Dayakar Rao</b>	M.A., Ph.D	Assistant Professor	Mediev al Indian History	08	04 Ph.D; 05 M.Phil
<b>Dr. P. Sadanandam</b>	M.A., M.Phil., Ph.D	Assistant Professor	Folklor e Studies	06	00 Ph.D; 02 M.Phil

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

- Mr. Mehdi Hassankhani, Cultural Attache of Consulate General of I.R of Iran in Mumbai, Director of Culture House of the I.R. of Iran
- 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
- Dr. A. Venkat Narsaiah, Scientist, Organic and Bio-Molecular Chemistry Division, IICT, Tarnaka, Hyderabad
- Prof I. Laxmi, Head, Department of History, Osmania University, Hyderabad
- Dr. Giriappa Kollannavar, Principal Tech. Officer (Social Scientist) & Member, Central Leather Research Institute Adyar, Chennai
- Dr. Nandi Joseph, Senior Scientist, Central Leather Research Institute, Chennai
- 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

**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**
  - Prof. S. Srinath, **Constructing Business history of a Pre-colonial State in India**, 2013-2015
  - Dr. T. Dayakar Rao, **Irrigation Developments under the Kakatiyas (1000 to 1323)**, 2013-2015
- **Projects completed**
  - Dr. T. Dayakar Rao, **Trade and State Craft in Medieval Andhra 600 -1600 A.D**, 2009-2011
  - Dr. T. Dayakar Rao, **Kuchipudi in Kriahna District (Culture and Dance Form) Andhra Pradesh**, December–June 2012
  - Dr. T. Dayakar Rao, **Nirmal Paintings of Adilabad District, Andhra Pradesh**, December – June 2012

**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.**

- **Sanctioned UGC-SAP-DRS-I**
- **Grants received Rs. 5 lakhs**

**20. Research facility / centre with**

- a. state recognition**
  - 1. Nil**
- b. national recognition**
  - 1. Nil**
- c. international recognition**
- i. 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)**

- **Prof. Syed Ayub Ali**, The Transmission of Medical and Scientific Knowledge among Indian Sufis (Prototype Saint-Physician), Kakatiya Journal of Historical Studies, Dept. of History & Tourism Management, Kakatiya University, Warangal
- **Prof. S. Srinath**, Origin, growth and decline of Hyderabad Nobility under Asaf Jahi rule 1724-1948, South Indian History Congress Proceedings 2013.
- **Prof. G. Bhadru Naik**, The Contribution of Sree Narayana Guru for Socio – Educational Transformation of Kerala State, Kakatiya Journal of Historical Studies, Dept. of History & Tourism Management, Kakatiya University, Warangal
- **Prof. G. Bhadru Naik**, The Significance of Madelu Puranam in Telangana – A Cultural Study, Kakatiya Journal of Historical Studies, Dept. of History & Tourism Management, Kakatiya University, Warangal
- **Prof. G. Bhadru Naik**, The role of Banjara Carvans during the medieval period – A Study, South Indian History Congress 33<sup>rd</sup> Annual Session 15<sup>th</sup> & 17<sup>th</sup> February, 2013, Dept. of History, University of Kerala, Thiruvananthapuram
- **Prof. K. Vijaya Babu**, Spectrum of Indian Culture and the role of Tourism in Promotion of Cultural values, Kakatiya Journal of Historical Studies, Dept. of History & Tourism Management, Kakatiya University, Warangal
- **Prof. K. Vijaya Babu**, Industrial Exhibitions in Hyderabad, Kakatiya Journal of Historical Studies, Dept. of History & Tourism Management, Kakatiya University, Warangal
- **Prof. K. Vijaya Babu**, Feudal exploitation and Peasant Movements in Telangana 1900-1950, Agrarian Relations and Peasant Movements in Colonial India, (ed) Prof. Mukesh, Bihar.
- **Prof. K. Vijaya Babu**, Suicides of Goldsmiths in Warangal District, A.P History Congress Proceedings, Ongole.
- **Prof. K. Vijaya Babu**, Art and Craft of the Brass smiths in Warangal district- A Study of Sheet metal Art in Pembarthi, A.P History Congress Proceedings, Avanigadda
- **Dr. T. Manohar**, Land Transfer Systems in Telangana – Problems and Perspective – A Study, Kakatiya Journal of Historical Studies, Dept. of History & Tourism Management, Kakatiya University, Warangal
- **Dr. T. Manohar**, Cultural Heritage and Social Transformation of Madiga Community in Telangana, Andhra Pradesh History Congress, Proceeding of the 36<sup>th</sup> Session, Ongole, 2012, ISSN 2320-057X
- **Dr. T. Manohar**, Pauperisation of Peasantry in Telangana (1900 to 1945), Proceedings of South Indian History Congress, 32<sup>nd</sup> Session, Thiruvananthapuram, 2012, ISSN 2229-3671
- **Dr. T. Manohar**, Role of the Patwari in Preparation of Revenue Records in Telangana – A Study, Kakatiya University Journal of Social sciences, Vo.8, No.1, January-June 2012, ISSN 2277-8144,

- **Dr. T. Manohar**, Vetti System in Telangana as Reflected in Contemporary Telugu Literature Prof. K. Arjun Rao studies in Indian History, Festschrift to Prof. A. Satyanarayana, Research India Press, New Delhi, 2013, ISSN978-81-89131-66-1, pp 270-291
- **Dr. T. Manohar**, Failure of Record of Rights in Land in Telangana – A case Study of Waddepally Village, Kakatiya University Journal of social Sciences, Vol.8, No.2, July – December, 2012, ISSN 2277-8144
- **Dr. T. Dayakar Rao**, Kakatiya Journal of Historical Studies, Vo. VII No.1, May, 2012, Department of History & Tourism Management, KU, Warangal.
- **Dr. T. Dayakar Rao**, Kakatiya Journal of Historical Studies, Vol, VIII, No.1, May, 2013, Department of History & Tourism Management, KU, Warangal.
- **Dr. T. Dayakar Rao**, The Vaishnava and Shaivite Temples at Dharmapuri – A Study, Kakatiya Journal of Historical Studies, Dept. of History & Tourism Management, Kakatiya University, Warangal
- **Dr. P. Sadanandam**, Kanyaka Parameshwari Katha – A Study, Kakatiya Journal of Historical Studies, Dept. of History & Tourism Management, Kakatiya University, Warangal
- **Dr. P. Sadanandam**, Dissemination of Knowledge through Dependent sub – Castes, Kakatiya Journal of Historical Studies, Dept. of History & Tourism Management, Kakatiya University, Warangal

☐ **Monographs**

- Nil

☐ **Chapters in Books**

- Nil

☐ **Edited Books**

Faculty Name	Title of the Books	Publishers	Year
Prof. Syed Ayub Ali	<i>Social Cultural History of India (From Earliest times 1526)</i>	Telugu text book for M.A. History students, of SDLCE, KU	2009
Dr. T. Manohar	<i>Kakatiya Journal of Historical Studies – Vol. IV, No. 1</i>	Department of History & Tourism Management	2009
Prof. G. Bhadrui Naik	<i>Dr. B.R. Ambedkar's Philosophy of Social Justice and Its Relevance</i>	Published by Sri Bhagavan Publications, Hyderabad,	2009
Prof. G. Bhadrui Naik	<i>Reservations in the Era of Globalization and Privatization - Emerging Trends and Issues</i> Published by Sri Bhagavan Publications	Published by Sri Bhagavan Publications, Hyderabad	2009
Prof. G. Bhadrui Naik	<i>History of Peasant Movement in India</i>	Telugu text book for M.A. History students, of SDLCE, KU	2009

Dr. T. Manohar	<i>Telangana in 19<sup>th</sup> Century (Select Documents)</i> , ISBN 978-81-908906-4-9, Co-edited	Sree Bhagavan Publications, Hyderabad	2010
Dr. T. Manohar	<i>Kakatiya Journal of Historical Studies</i> – Vol. V, No. 1	Department of History & Tourism Management	2010
Dr. T. Dayakar Rao	<i>Kakatiya Journal of Historical Studies</i> – Vol. VI, No. 1	Department of History & Tourism Management	2011
Dr. T. Dayakar Rao	<i>Kakatiya Journal of Historical Studies</i> – Vol. VII, No. 1	Department of History & Tourism Management	2012
Dr. T. Dayakar Rao	<i>Kakatiya Journal of Historical Studies</i> – Vol. VII, No. 1	Department of History & Tourism Management	2013
Prof. K. Vijaya Babu	<i>Tourism in India</i>	Zenon academic publishing, Hyderabad	2014
Prof. Syed Ayub Ali	<i>Principles and Practices of Tourism</i>	B. R. Ambedkar University, Hyderabad	2013

- **Books with ISBN with details of publishers**
  - *Dr. P. Sadanandam., Art and Culture of Marginalized Nomadic Tribes in Andhra Pradesh*, Gyan Publishers, New Delhi, 8121209587, 9788121209588
- **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**

**k) National committees b) International committees c) Editorial Boards d) any other (please specify)**

- 2 Our Department Collaboration with District Tourism Department
- 3 Our Department also collaboration with AP State Archives and Conducted Record Management Programme for Research Scholars and District Government Employees
- 4 Our Faculty members associated with Sate Council of Secondary Education, Hyderabad served as member Editorial Board for the Text books writing for class 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> as per the national curriculum.
- 5 Our Faculty members also associated with Telugu Academy, Hyderabad and edited its text books on Tourism Management for intermediate vocational course.
- 6 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.
- 7 One of our faculty members associated with district administration and serving as a member of the enquiry committee on SC/ST Atrocities cases.

**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**

- 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. 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****a. 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.

**b. 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**

- a. Prof. G. Bhadru Naik, **State Best Teacher Award** by the Govt. of Andhra Pradesh, Hyderabad on 5<sup>th</sup> September, 2011.
- b. Prof. Syed Ayub Ali, **State Best Teacher Award** by the Govt. of Andhra Pradesh, Hyderabad on 5<sup>th</sup> September, 2013

**Doctoral / Post Doctoral fellows**

- Dr. Kotte Srinivasa Rao
- Dr. D. Shankar
- Dr. T. Uppalaih
- Dr. B. Somulu

**Students**

- c. Nil

**30. Seminars/Conferences/Workshops organized and the source of funding (National/International) with details of outstanding participants, if any.**

- Two-day National Seminar on *1857-the role of peasants, artisans, servicing castes, tribal's and women*, (Sponsored by ICHR, New Delhi & UGC Unit, K.U), 7<sup>th</sup> & 8<sup>th</sup> March, 2009.
- National Seminar on "*Regional Identities in South India- The Case of Telangana*" held on March 21<sup>st</sup> – 22<sup>nd</sup>, 2010, Organized by Department of History & Tourism Management, KU, Warangal, under SAP (DRS-I), UGC Programme.
- National Seminar on "*Regional Identities and Nation Building Facus on Telangana Movement*", held on March 21<sup>st</sup> – 22<sup>nd</sup>, 2011, Organized by Department of History & Tourism Management, KU, Warangal, under SAP (DRS-I), UGC Programme.
- National Seminar on '*Water Management in Andhra Pradesh through the Ages*' on 25<sup>th</sup> -26<sup>th</sup> February, 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 '*History, Culture, Art and Architecture of Kakatiyas*', 29<sup>th</sup> -30<sup>th</sup> October, 2013, Department of History & Tourism Management, Kakatiya University, Warangal
- National Seminar on '*Deccan States and their Relations with Iran (Diplomatic, Economic and Cultural) During 16<sup>th</sup> – 18<sup>th</sup> Century*', 29<sup>th</sup> -30<sup>th</sup> November, 2013, 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 Symposium on *Teaching History- Problems and Prospects*, on 21<sup>st</sup> & 22<sup>nd</sup> March, 2014 at Department of History & Tourism Management, Kakatiya University, Warangal

**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 NET/SLET Qualified Student	Year
01	G. Sekhar	2012
02	K. Ramesh	2012
03	K. Srinivas	2012
04	P. Thirupathi	2012
05	Padmakar	2012
06	R. Venkatrajam	2012
07	S. Sammaiah	2012
08	S. Thirupathi	2012
09	Y. Rambabu	2012
10	Ch. Ashok	2013
11	Ch. Thirupathi	2013
12	B. Hathiram	2013
13	J. Srinivas	2013
14	A.Kumaraswamy	2013
15	M. Ramprasad	2013
16	N. Rajkumar	2013
17	P. Sunitha	2013
18	R. Lachaiah	2013
19	Sitaramaiah	2013
20	Vasanth Rao	2013

**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:**

Sl. No	Name of the Student	Title of the Thesis	Supervisor	Month & Year of Award
01	D. Bikshapathy	Caste Discrimination in Revenue Records Study of Erstwhile Warangal Suba (1911-1976)	Dr. T. Manohar	03/2009
02	M. Brahmaiah	Religious Conditions in Andhradesa during the Qutb Shahi Rule – A Study	Prof. K. Vijaya Babu	01/2010
03	Raheem Mohammad	Mining Industry Under the Asaf Jahis	Dr. T. Manohar	01/2010
04	Venkat Rajam. R	Art & Culture of Patamuvaru a dependent sub-caste of Rajaka Community in Telangana – A Study	Prof. G. Bhadraru Naik	10/2011
05	Uppaiah. T	The Social Structure among the Banjara Community of Telangana – A Study	Prof. G. Bhadraru Naik	11/2011
06	D. Shankar	The Contribution of Chhatrapathi Shahu for uplift of weaker sections of Kolhapur State	Prof. G. Bhadraru Naik	01/2012

**Ph.D's in Tourism Management:**

Sl. No	Name of the Student	Title of the Thesis	Supervisor	Month & Year of Award
01	M. Krishna Sumanth	Topography of Major Tourism Destinations in Andhra Pradesh – A Study	Dr. T. Dayakar Rao	2012
05	Ch. Rajkumar	Tourism Potential in Warangal District and Organizational Problems – A Study	Prof. G. Bhadraru Naik	2013

**M. Phil's in History:**

Sl. No	Name of the Student	Title of the Thesis	Supervisor	Month & Year of Award
01	A. Kumara Swamy	Trade and Commerce under the Asaf-Jahi Dynasty	Dr. T. Manohar	2009

**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**

➤ 04

**l) Class rooms with ICT facility**

➤ One

**m) Students' laboratories**

➤ Nil

**n) Research laboratories**

➤ Nil

**39. List of doctoral, post-doctoral students and Research Associates****a. from the host institution/university****Ph.D's in History:**

Sl. No	Name of the Student	Title of the Thesis	Supervisor	Month & Year of Award
01	M. Prabhakar	Girijan Co-operative Corporation Ltd. (1956-2003) Case Study of Utnoor division of Adilabad district	Prof. A. Bobbili	03/2009
02	D. Bikshapathy	Caste Discrimination in Revenue Records – A Study of Erstwhile Warangal Suba (1911-1976)	Dr. T. Manohar	03/2009
03	Ramakrishna Panasa	The Art and Science of Cuisine in Andhradesa, A.D 14 <sup>th</sup> C – 17 <sup>th</sup> C	Prof. P. Hymavathi	10/2009
04	Ch. Ravi Kumar	Handicrafts and Technological Development in Medieval Andhradesa, (A.D 14 <sup>th</sup> C – 17 <sup>th</sup> C)	Prof. P. Hymavathi	10/2009

05	M. Brahmaiah	Religious Conditions in Andhradesa during the Qutb Shahi Rule – A Study	Prof. K. Vijaya Babu	01/2010
06	Raheem Mohammad	Mining Industry Under the Asaf Jahis	Dr. T. Manohar	01/2010
07	B. Kumaraswamy	The Role of E.V. Ramaswamy Nayakar in Socio-Political Movement in South India	Dr. G. Chandra Reddy	02/2010
08	Kolipaka Srinivas	Economic Conditions under Qutub Shahis of Golconda – 1518-1687	Prof. Syed Ayub Ali	02/2010
09	P. Sridhar	Christian Missionaries in Telangana and Dalit Uplift- A Study of Warangal and Karimnagar Districts (1873-2000)	Dr. T. Manohar	07/2010
10	K. Rajaiah	Trade and Commerce in Hyderabad State under the Asaf Jahis (1857-1948)	Dr. T. Dayakar Rao	10/2010
11	Komatireddy Srinivas	Mughal –Qutub Shahi Relations: 1636- 1687	Prof. Syed Ayub Ali	04/2011
12	Erya Banoth	Christian Missionary Service in the Development of Lambadas in Telangana-A Select Study	Dr. T. Dayakar Rao	04/2011
13	K. Subhashini	Industry, Trade and Commerce in Andhradesa, A.D 1000-1323	Prof. P. Hymavathi	04/2011
14	G. Narsimha Rao	Education in Medieval Andhradesa 14 <sup>th</sup> Century to 17 <sup>th</sup> Century	Prof. P. Hymavathi	04/2011
15	D. Vidyanath	Sculptural Art of the Kakatiyas with Special Reference to Warangal District	Prof. P. Hymavathi	07/2011
16	Venkat Rajam. R	Art & Culture of Patamuvaru a dependent sub-caste of Rajaka Community in Telangana – A Study	Prof. G. Bhadru Naik	10/2011
17	Uppaiah. T	The Social Structure among the Banjara Community of Telangana – A Study	Prof. G. Bhadru Naik	11/2011
18	Perumalla Srinivasa Rao	The Educational Contribution of Dr. B.R. Ambedkar for uplift of Dalits of Maharashtra	Prof. G. Bhadru Naik	11/2011
19	D. Shankar	The Contribution of Chhatrapathi Shahu for uplift of weaker sections of Kolhapur State	Prof. G. Bhadru Naik	01/2012
20	S. Thirupathi	Social Reforms and Freedom Movement in Karimnagar District	Prof. K. Vijaya Babu	04/2012
21	P. Lingaiah	Munagala and Bethavolu Samsthanala Charitra	Dr. G. Chandra Reddy	10/2012
22	N. Mallaiah	Contribution of the Arutla Family to Peasant Movement in Telangana (1930-1967)	Dr. G. Chandra Reddy	11/2012

23	A. Narasimha Swamy	A Study of Occupations under Qutbshahi Rule (1518-1687A.D.)	Dr. T. Dayakar Rao	12/2012
24	M. Sambaiah	Problems and Perspectives of Contemporary Indian Historiography – A Case Study of Ayodhya Issue	Prof. Y. Sudharshan Rao	12/2012
25	Banoth Lal	Contribution of Banjaras to Telangana – A Historical Study (1860-1951)	Prof. A. Bobbili	01/2013
26	B. Srinivas	Urbanization during the Last Nizam (1911-1948)	Dr. T. Manohar	04/2013

**Ph. D's in Tourism Management:**

Sl. No	Name of the Student	Title of the Thesis	Supervisor	Month & Year of Award
01	M. Krishna Sumanth	Topography of Major Tourism Destinations in Andhra Pradesh – A Study	Dr. T. Dayakar Rao	2012
02	Gundapu Chennaiah	Arts and Crafts of Tribal's of Andhra Pradesh – A Study	Prof. G. Bhadru Naik	2012
03	A. Raghu	Medical Tourism in Andhra Pradesh – A Study	Prof. K. Vijaya Babu	2012
04	B. Somulu	Pilgrimage Tourism in Telangana Region – A Study of Karimnagar District	Prof. G. Bhadru Naik	2012
05	Ch. Rajkumar	Tourism Potential in Warangal District and Organizational Problems – A Study	Prof. G. Bhadru Naik	2013

**M. Phil's in History:**

Sl. No	Name of the Student	Title of the Thesis	Supervisor	Month & Year of Award
01	V. Sudarshan	The Role of Royal Ladies in Qutb Shahi Golconda – A Study	Prof. P. Hymavathi	2009
02	A. Kumara Swamy	Trade and Commerce under the Asaf-Jahi Dynasty	Dr. T. Manohar	2009
03	R. Yakub	The Educational Contribution of Joti Rao Phule for Uplift of Dalits in 19 <sup>th</sup> Century	Dr. T. Dayakar Rao	2009
04	G. Satyam	The Mother Goddesses – Jogulamba – Renuka Ellamma at Alampur - A Study	Dr. T. Manohar	2009
05	Asodu Bhaskar Rao	Dr. B.R. Ambedkar's Philosophy of Social Justice and Its	Dr. G. Bhadru Naik	10/2009

		Relevance to the Contemporary Society		
06	Merugu Rajitha Rani	Mother-Goddess Cult in Medieval Andhradesa, A.D. 14 <sup>th</sup> C-17 <sup>th</sup> C	Prof. P. Hymavathi	01/2010
07	Mengu Veerabhadram	Index to Itihas (A Journal of A.P. State Archives, Hyderabad) 1992-1999	Prof. K. Vijaya Babu	04/2010
08	VenkataPrasad Bhupathi	Building construction during the Qutb Shahi period – Some Technological Gleanings	Prof. P. Hymavathi	03/2011
09	Varoodhini. Madhamshetti	<i>Vetti System in Telangana as Reflected in Contemporary Telugu Literature (1911-1948) – A Study</i>	Dr. T. Manohar	05/2011
10	Krishna Balusupati	Rise of Modern Industry and Industrial Exhibitions in Hyderabad - A Historical Study	Prof. K. Vijaya Babu	08/2011
11	Thirupathi. E	The Role of Comrade Tigala Stayanarayana Rao in Telangana Freedom Struggle	Dr. T. Dayakar Rao	11/2011
12	E. Srinivas	Theo role of Chennamaneni Rajeshwar Rao in Telangana Freedom Struggle	Dr. T. Dayakar Rao	12/2011
13	P. Raju	Folk Art Forms as Reflected in literary works of Vijayanagara Period	Dr. P. Sadanandam	01/2012
14	Kodirekkala Swarooparani.	Historical Monuments for the promotion of Tourism in Khammam district	Dr. T. Dayakar Rao	09/2012
15	Bixsham Patthi	Budhist Monument in NelakondaPally – A case Study	Dr. T. Dayakar Rao	10/2012
16	P. Thirupathi	<i>Some Untapped Sources for the Study of Modern Telangana History – A Study of Sircar Elagandal in 19<sup>th</sup> Century</i>	Dr. T. Manohar	01/2013
17	T. Vijay Kumar	The Kolams of Adilabad District Study	Dr. P. Sadanandam	10/2013
18	Pokala Jyothsna	Yadagirigutta Center of Pilgrim Tourism in Nalgonda District – A Study	Prof. Syed Ayub Ali	11/2013

- 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**
- 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?**
    - 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 utilise 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
  - 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 27<sup>th</sup> 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?**
- Nil

**50. If yes, give details.**

- Nil

**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 Tamilanadu etc., and also in Tourism industry in all the major cities of India & settled in Singapore, Malaysia, UK, USA, Dubai etc.,
- Our Teachers and Scholars have published research articles and books on various aspects of 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-I)
  - Research Projects, PDF, RGNF, ICHR and ICSSR Fellowships
- **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 35<sup>th</sup> Annual Session of **South Indian History Congress** in the month of February 2015.
- 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 – LAW DEPARTMENT

1. Name of the Department : **University College of Law**
2. Year of establishment : **1971**
3. Is the Department part of a School/Faculty of the university? **Faculty**
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. (LL.B., LL.M. and Ph.D.)**
5. Interdisciplinary programmes and departments involved :  
**English, Economics, Political Science and Sociology under LL.B. (5 YDC) Course**
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)

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor		02	
Associate Professors		01	
Asst. Professors		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. M. V. Ranga Rao	M.A., LL.M., Ph.D.	Professor	Labour Law	24	24 Guiding
Prof. K Vimala Devi	B.Sc., LL.M. Ph.D.	Professor	Criminal Law	24	24 Guiding
Dr. T Vijaya Chandra	B.Com., LL.M., D.P.M., Ph.D.	Associate Professor	International Law	23	24 Guiding
Dr. Y. Padmaja Rani	B.Sc., LL.M. Ph.D.	Assistant Professor	Commercial Law	15	20 Guiding
Dr. M Srinivas	M.A., LL.M., Ph.D.	Assistant Professor	Commercial Law	14	3 Guiding
Sri. N Sudarshan	M.Sc., LL.M., P.G. D in C.L. & IPRs	Assistant Professor	Criminal Law & Torts	11	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors Nil

13. Percentage of classes taken by temporary faculty – programme-wise information  
**LL.B. ( 3 & 5 YDC) 30 %, LL.M. 20 %**

14. Programme-wise Student Teacher Ratio **LL.B. 1:40, LL.M.1:**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual **Supdt. 01, Sr. Asst. 01, Jr. Asst. 01, Book Keepers 02**

16. Research thrust areas as recognized by major funding agencies

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.

**Dr. T. Vijaya Chandra UGC (MRP) - Human Rights of Juvenile Delinquents .... A Study with reference to the functioning of the Juvenile Justice System in Warangal District.**

## 18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration **Nil**                      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 papers published in peer reviewed journals (national / international)  
**National 10**
- \* Monographs **Nil**
- \* Chapters in Books **02**
- \* Edited Books **Nil**
- \* Books with ISBN with details of publishers **Development and Emerging Trends of International Space Law by Dr. T. Vijaya Chandra ISBN No. 978-81-8387-660-5**
- \* 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) **Nil**

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). **Nil**

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  
1. 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 i. international) with details of outstanding participants, if any. **Nil**
31. Code of ethics for research followed by the departments **Nil**
32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
LL.B. (3 YDC)		50	20		
LL.B. (5 YDC)		45	30		
LL.M.(Regular & HRL)		45	15		

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
LL.B. (3 YDC)				
LL.B. (5 YDC)				
LL.M.(Regular & HRL)				

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. **NET - 02, SET - 01**

## 35. Student progression

Student progression	Percentage against enrolled
UG to PG	20
PG to M.Phil.	-
PG to Ph.D.	3
Ph.D. to Post-Doctoral	-
Employed	
<input type="checkbox"/> Campus selection	-
<input type="checkbox"/> Other than campus recruitment	-
Entrepreneurs	-

## 36. Diversity of staff

Percentage of faculty who are graduates of	
the same university <b>05</b>	
from other universities within the State <b>01</b>	
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 **Yes**
- b. Internet facilities for staff and students **Yes**
- c. Total number of class rooms **10**
- o) Class rooms with ICT facility **01**
- p) Students' laboratories **Nil**
- q) Research laboratories **Nil**

39. List of doctoral, post-doctoral students and Research Associates  
 c) from the host institution/university **05**  
 d) from other institutions/universities **Nil**
48. Number of post graduate students getting financial assistance from the university. **Nil**
49. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **Nil**
50. 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? **Nil**  
 b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **Nil**  
 c. Alumni and employers on the programmes offered and how does the department utilize the feedback? **Nil**
51. List the distinguished alumni of the department (maximum 10) **Prof. Madabushi Sreedhar, Central Information Commissioner, New Delhi**
52. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. **Nil**
53. List the teaching methods adopted by the faculty for different programmes. **Lecture Method, PPT and Interactive Lecture System**
54. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? **Organizing Periodical Staff Meetings to review the Teaching and other Academic Activities**
55. Highlight the participation of students and faculty in extension activities.  
**Students participating in NSS Programmes and Free Legal Aid Programmes organized in co-ordination with District Legal Authority, Warangal**
56. Give details of “beyond syllabus scholarly activities” of the department. **Nil**
57. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. **Nil**
58. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. **Nil**
59. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department. **The Major Strengths are the college include highly experienced faculty, well equipped library etc.,**
60. Future plans of the department.  
**Promote Research Work in thrust areas like Human Rights Law, Cyber Laws etc.,  
 To organize National Level Seminars  
 To organize Moot-Court competitions etc.,**

## 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

- b) 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
<b>MLISc</b>					
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.

**8 Students qualified NET Exam****35. Student progression**

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	NA
PG to M.Phil.	NA NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed <input type="checkbox"/> Campus selection <input type="checkbox"/> Other than campus recruitment	
Entrepreneurs	

**36. Diversity of staff**

<b>Percentage of faculty who are graduates</b>	
of the same university	<b>None</b>
from other universities within the State	<b>One</b>
from universities from other States	<b>None</b>
universities outside the country	<b>None</b>

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**
- r) Class rooms with ICT facility : **Yes (OHP, Computer, LCD TV)**
- g) Students' laboratories : **Computer Lab**
- s) Research laboratories : **NA**

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.  
**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.
- Personality Development Session by V. Rajeshwari from Vseries, Hyderabad**
  - 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 12<sup>th</sup> 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 Programmes Offered (UG, PG, 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 Programmes and Departments Involved

**The faculty of the department teach Mathematics in the following programme:**

- (i) **B.Tech. (KU College of Engineering and Technology and KU College of Engineering for Women)**
- (ii) **5 years Integrated Chemistry Programme (Department of Chemistry)**
- (iii) **5 years Integrated Biotechnology Programme (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 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

- (i) **B.Tech. (KU College of Engineering and Technology and KU College of Engineering for Women)**
- (ii) **5 years Integrated Chemistry Programme (Department of Chemistry)**
- (iii) **5 years Integrated Biotechnology Programme (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/Asst. Professors/others)

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (Including CAS &amp; MPS)</b>
Professor		<b>Two</b>	
Associate Professors			
Asst. Professors		<b>Three</b>	
Others (Part-Time)		<b>Five</b>	

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of Years of Experience</b>	<b>No. of Ph.D./ M.Phil. Students Guided for the Last 4 Years</b>
Prof. S. Raj Reddy (Retired in the year 2011)	Ph.D.	Professor	Elasticity	30	
Prof. B. Ramabrahmam (Retired in the year 2011)	Ph.D.	Professor	Elasticity	30	
Prof. K. Sambaiah (Retired in the year 2013)	Ph.D.	Professor	Elasticity	30	2
Prof. T. Srinivas	Ph.D.	Professor	Algebra	25	3
Prof. P. Malla Reddy	Ph.D.	Professor	Poroelasticity Stochastic Process & Queueing Theory	07	3
Dr. T. Sumathi Uma Maheshwari (Transferred to KU Women's Engineering College in 2013)	Ph.D	Assistant Professor	Reliability	09	1
Dr. M. Tirumala Devi (Transferred to KU Women's Engineering College in 2013)	Ph.D	Assistant Professor	Reliability	09	-

Dr. L.P. Raj Kumar	Ph.D.	Assistant Professor	Stochastic Process & Queueing Theory	07	-
Dr. E. Satyanarayana Moved to NIT Surtathkal in 2013.	Ph.D	Assistant Professor	Theory of Differential Equations	07	-
Dr. R. Bharavi Sharma	Ph.D.	Assistant Professor	Complex Analysis	04	-
Dr. K. Somaiah (Transferred to University Arts & Science College in May 2013)	Ph.D.	Assistant Professor	Elasticity	04	-
Dr. G. B.S.L Sowjanya	Ph.D.	Assistant Professor	Numerical Analysis	01	-

## 12. List of Senior Visiting Fellows, Adjunct Faculty, Emeritus Professors

**(i). Prof. A. Srihari Rao, Kakatiya Institute of Technology and Science (KITS), Warangal**

## 13. Percentage of Classes Taken by Temporary Faculty – Programme-wise Information

Programme	Required Percentage
<b>M.Sc. (Mathematics)</b>	<b>20</b>
<b>M.Sc. (Applied Mathematics)</b>	<b>80</b>

## 14. Programme-wise Student Teacher Ratio

Programme	Required Ratio
<b>M.Sc. (Mathematics)</b>	<b>16:1</b>
<b>M.Sc. (Applied Mathematics)</b>	<b>16:1</b>

## 15. Number of Academic Support Staff (Technical) and Administrative Staff: Sanctioned, Filled and Actual

	<b>Sanctioned</b>	<b>Filled</b>
<b>Kamati</b>	<b>1</b>	<b>1</b>
<b>CCT</b>	<b>1</b>	<b>1</b>
<b>Attender</b>	<b>1</b>	<b>1</b>

## 16. Research thrust areas as recognized by major funding agencies

- Wave Propagation in Poroelastic Solids**
- Internet Traffic Modelling and Performance Evaluation**

**3. Complex Analysis****4. Reliability**

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 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 Markovian Modelled Self-Similar Variable Packet Length Input Traffic.	Mar-2010 to Feb-2013	Rs.8,75,280 DST
Dr. T. Sumathi Uma Maheshwari	Reliability Study for Redundancy Cascade System – a Markovian Approach.	Oct-2011 to Sep-2014	Rs. 5,51,800 UGC
Dr.L.P.Rajkumar	Performance Study of Optical Packet Switch (OPS) in Internet Traffic Employing Wavelength Conversion – Matrix Geometric Solutions.	April-2013 to Mar-2016	Rs. 2,76,000 UGC
Dr. R. Bharavi Sharma	Applications of Coefficient Inequalities for Univalent, Analytical and Multivalent Functions.	April-2013 to Mar- 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.

**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
- \* Edited Books: **1**
- \* 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

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24. Areas of consultancy and income generated

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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 under the visitor program of Indo-French Centre for Applied Mathematics, in January 2014.**

## 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 and Dr. M. Tirumala Devi attended orientation programme 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. R. Bharavi Sharma and Dr. K.Somaiah attended orientation programme at Academic Staff College, Osmania University (from 28-9-2012 to 31-10-2012) and refresher course at Academic Staff College, Jawarharlal Nehru Technological University (JNTU) (from 2-12-2013 to 21-12-2013).**
- 3. Dr. L. P. Raj Kumar attended orientation programme 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. Prof. Malla Reddy Perati visited Indian Institute of Science, Bangalore under the visitor program of Indo-French Centre for Applied Mathematics from 11-1-2014 to 31-1-2014.**

## 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

- Prof. T. Srinivas received Rajiv Gandhi Excellence Award and Certificate of Excellence of India International Friendship Society New Delhi in the year 2012.
- Prof. K. Sambaiah (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.

- 5<sup>th</sup> National Conference on Applicable Mathematics in Wave Mechanics and Vibrations (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. Sidharth, 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.
- Training Programme 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.
- National Conference on Applications of Mathematics in Engineering and Industry (NCAMEI-2013), 26-28 March, 2013. This is funded by UGC and APSCHE. 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.

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 programme-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	9	21		
Ph.D.	150	10	7		

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. (Mathematics)	75	25		
M.Sc. (Applied Mathematics)	80	20		
Ph.D.	73	17		

34. How many students have cleared Civil Services and Defence Services 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.	<b>4</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
Campus selection	
Other than campus recruitment	<b>70</b>
Entrepreneurs	<b>4</b>

## 36. Diversity of staff

Percentage of faculty who are graduates	
of the same University	<b>60</b>
from other Universities within the state	<b>40</b>
from universities from other States	<b>Nil</b>
from the Universities outside the country	<b>Nil</b>

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

S. No.	Name of the Student	Designation	Remarks
1.	Dr. A. Srisailam	Postdoctoral	Dr. D.S. Kothari Postdoctoral Scheme of UGC (with Prof. P.Malla Reddy)
2.	D .Rajaiah	Ph. D Student	SRF (CSIR) with Prof. P. Malla Reddy
3.	B. Sandhya Rani	Ph. D Student	was Project Fellow in UGC MRP with Prof. P. Malla Reddy
4.	D. Ranadeer Reddy	Ph. D Student	GATE with Prof. P. Malla Reddy
5.	N. Swathi	Ph. D Student	Project Fellow in UGC MRP of Dr. T. Sumathi Uma Maheshwari
6.	P. Hari Prasad	Ph.D Student	with Dr. T. Sumathi Uma Maheshwari

7.	G. Ravi Kumar	Ph.D Student	NET (CSIR), was Project Fellow in DST MRP of Prof. P. Malla Reddy
8.	G. Rajitha	Ph.D Student	with Prof. P. Malla Reddy
9.	B. Madhavi	Ph.D Student	with Prof. T. Srinivas
10.	K. Sandhya	Ph.D Student	with Dr. T. Sumathi Uma Maheshwari
11.	V. Sathish	Ph.D Student	with Dr. T. Sumathi Uma Maheshwari
12.	K.Vijay Kumar	Ph.D Student	with Prof. T. Srinivas
13.	R. Ramesh	Ph.D Student	with Prof. P. Malla Reddy
14.	R. Manjula	Ph.D Student	with Prof. P. Malla Reddy
15.	Ch. Balu	Ph.D Student	with Prof. P. Malla Reddy
16.	B. Yakaiah	Ph.D Student	with Prof. A. Srihari Rao (KITS)
17.	B. Radhika	Ph.D Student	with Prof. A. Srihari Rao (KITS)
18.	T. Gopal Rao	Ph.D Student	with Prof. K.V.V. Seshagiri Rao (KITS)
19.	Ms. M. Hari Priya	Project Fellow	UGC MRP of Dr. R. Bharavi Sharma
20.	Mr. Venkateshwarlu	Ph.D Student	with Prof. N.Ch. Pattabhi Rama Charyulu (NIT)
21.	P. Srinivas Reddy	Ph.D Student	with Prof. N.Ch. Pattabhi Rama Charyulu (NIT)
22.	C. Bala Rama Krishna	Ph.D Student	With Prof. P.S. Rama Chander Rao (KITS)
23.	P.V.H.S. Sai Kumar	Ph.D Student	with Prof. K.V.V. Seshagiri Rao (KITS)
24.	P. Kalyani	Ph.D Student	with Prof. P.S. Rama Chander Rao (KITS)
25.	D Ravinder	Ph.D Student	with Prof. P.S. Rama Chander Rao (KITS)
26.	K.Venu Gopal	Ph.D Student	with Prof. T. Srinivas

- (i) So far 41 Ph. Ds are awarded from the Department.
- (ii) One Research Associate, Dr. T. Sumathi Uma Maheshwari.
- (iii) Currently, one Postdoctoral fellow Dr. A. Srisailam has been working under Dr. D.S. Kothari Postdoctoral scheme of UGC.

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. Satyanarayana has done his Ph. D from IIT Chennai, and Post doctorate from Jawaharlal Nehru Centre for Advanced Studies, Bangalore under the scheme of National Board for Higher Mathematics (NBHM).
- (iii) Prof. A. Radha Krishna and Prof. T. Ram Reddy (Retired from the Department) have done their Ph. D from IIT Kanpur.

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 approval.

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 feedback on the faculty members using feedback form. They submit completed form to the Head. Head would review the feedback information and take the 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 programmes offered and how does the department utilize the feedback?

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43. List the distinguished alumni of the department (maximum 10)

- (i). **Late Prof. M. Tajuddin, Professor of Mathematics, Osmania University.**
- (ii). **Dr. Tirupathi Gudi, Assistant Professor of Mathematics, Indian Institute of Science, Bangalore.**
- (iii). **Dr. P. Narsimha Swamy, Assistant Professor of Mathematics, GITAM University, Hyderabad.**
- (iv). **Prof. A. Srihari Rao, Assistant Professor of Mathematics, KITS, Warangal.**
- (v). **Dr. P. Phaneendra, Assistant Professor of Mathematics, Osmania University.**
- (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 programmes (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. Satyanarayana, Nagarjuna University, Guntur, topic was Ring theory.**
- (iii). Prof. N. Srinivas, Jawaharlal Nehru Technological University (JNTU), Hyderabad, topic was Mathematical modelling.**

45. List the teaching methods adopted by the faculty for different programmes.

**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. students 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 this academic year, final year students visited nearby social welfare hostels and taught them Mathematics.**
  - (iii). **In this academic year, few 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 Srinivasa 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. All the faculty members are relatively younger, serious in the assignments, and have work culture.**
  - 2. Faculty size is small when compared to the needs of the Department and University.**
  - 3. There are more than 20 research scholars pursuing Ph.D. and are serious in teaching and research.**
  - 4. Department has to produce many CSIR and GATE candidates.**
52. Future plans of the department
  - 1. Department is planning to increase students – faculty ratio.**
  - 2. Department is planning to emphasis interdisciplinary nature of Mathematics to motivate the students towards industry.**

3. 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.
4. 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	2014-19
<b>Faculty Size</b>	<b>7</b>	<b>8</b>	<b>13</b>
<b>No. of P.G. Programme</b>	<b>2</b>	<b>2</b>	<b>3</b>
<b>No. of M.R.P's</b>	<b>3</b>	<b>3</b>	<b>6</b>
<b>No. of Ph.D. Supervisors</b>	<b>3</b>	<b>5</b>	<b>7</b>

## 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?  
Yes
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.  
Forest Department, Govt. of A P  
NTR Health University, A P  
NTH Co., Japan  
Global Hospitals, Hyderabad  
A P Rayon Govt., of A P  
National Institute of Technology, Rourkee  
National Institute of Technology, Warangal  
EPTRI, Hyderabad
7. Details of programmes discontinued, if any, with reasons  
No
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System  
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	Filled	Actual (including CAS & MPS)
Professor	Nil	Nil	--
Associate Professors	Nil	Nil	--

Asst. Professors	04	04	--
Others	02	02	--
Asst. Professors (Contract basis)			

**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 last 4 years
Prof. MA Singaracharya	M. Sc, Ph. D	Professor	Environmental Microbiology	29 years	<b>08</b>
Prof. S. Girisham	M. Sc, B. Ed Ph. D	Professor	Microbial Biotechnology	23 years	<b>05</b>
Dr. Srinivas Munjam	M. Sc, Ph. D	Asst. Professor & HEAD	Microbial Biotechnology	13 years	Nil
Dr. P. Venkataiah	M. Sc, Ph. D	Asst. Professor	Molecular Biology	15 years	Nil
Dr. E. Sujatha	M. Sc, Ph. D	Asst. Professor	Microbial diversity	14 years	Nil
Dr. T. Rajakomuraiah	M. Sc, Ph. D	Asst. Professor	Microbial Biotechnology	13 years	Nil
Dr. K. Narsimha Rao	M. Sc, Ph. D	Asst. Professor (Contract basis)	Mycotoxins	04 years	Nil
Dr. A. Suryam	M. Sc, Ph. D	Asst. Professor (Contract basis)	Agricultural Microbiology	06 years	Nil

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

Nil

**13. Percentage of classes taken by temporary faculty – programme-wise information**

10%

**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  
 Bio fuels ; Hydrogen ,Ethanol  
 Industrial enzymes: Laccases, Proteases, Lipases, Amylases  
 Environmental Microbiology: Biodegradation of dyes  
 Mycotoxicology  
 Post harvest diseases  
 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.**

**Annexure – I****18. Inter-institutional collaborative projects and associated grants received**

- a) National collaboration - 01  
 b) International collaboration - Nil

**19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

No	Name of the Principal Investigator	Funding agency	Total grant (in lakhs)
1	Prof. MA. Singaracharya	MOEF	15.5
2	Prof. S. Girisham	UGC	12.5
3	Dr. Srinivas Munjam	UGC	12.3
		DST-SERB	22.2
4	Dr. P. Venkataiah	UGC	10.0
		DBT	43.0
		DAE-BRNS	24.0
5	Dr. E. Sujatha	UGC	11.8
6	Dr. T. Rajakomuraiah	UGC	11.5
		DST-SERB	21.5
		DST-SERB	32.2
7	Departmental Projects	UGC-SAP (DRS)	45.0
		DST-FIST	25.0
Grand Total			286.5
			Lakhs

**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

**22. Publications:**

- Number of papers published in peer reviewed journals (national / international) : 142
- Monographs : 02
- Chapters in Books : 04
- 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 : --
- SNIP : --
- SJR : --
- Impact Factor – range / average : 0.92
- h-index : --

**23. Details of patents and income generated**

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

**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**

- b) National committees : Yes
- c) International committees : No

- d) Editorial Boards : Yes  
 e) any other (please specify) : Nil

**27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Sl. No	Faculty Name	Program name
1	Dr. Srinivas Munjam	<p>Attended 63<sup>rd</sup> Orientation course, conducted by UGC Academic Staff College, <b>Banaras Hindu University</b>, Uttar Pradesh, from <b>04.01.2013</b> to <b>31.01.2013</b>.</p> <p>Attended 19<sup>th</sup> Refresher course, conducted by UGC Academic Staff College, <b>Jawaharlal Nehru University</b>, New Delhi, from <b>13.01.2014</b> to <b>07.02.2014</b>.</p> <p>Attended Two week program on “<b>Teacher empowerment IT Champion</b>”, Sponsored by <b>MHRD</b> and <b>Microsoft</b> India, organized by Kakatiya University, Warangal from <b>01.04.2014</b> to <b>10.04.2014</b></p>
2	Dr. P. Venkataiah	<p>Attended 73<sup>rd</sup> Orientation course, conducted by UGC Academic Staff College, <b>Osmania University</b>, Hyderabad, from <b>28.09.2012</b> to <b>31.10.2012</b></p> <p>Attended <b>Refresher Course in Life Sciences</b>, Organized by UGC-Academic Staff College, University of Hyderabad from <b>08.11.2013</b> to <b>28.11.2013</b></p> <p>Attended Two week program on “<b>Teacher empowerment IT Champion</b>”, Sponsored by <b>MHRD</b> and <b>Microsoft</b> India, organized by Kakatiya</p>

		University, Warangal from <b>01.04.2014</b> to <b>10.04.2014</b>
3	Dr. E. Sujatha	<p>Attended 73<sup>rd</sup> Orientation course, conducted by UGC Academic Staff College, <b>Osmania University</b>, Hyderabad, from <b>28.09.2012</b> to <b>31.10.2012</b></p> <p>Attended <b>Refresher Course in Life Sciences</b>, Organized by UGC-Academic Staff College, Srivenkateswara University - <b>2013</b></p> <p>Attended Two week program on <b>“Teacher empowerment IT Champion”</b>, Sponsored by <b>MHRD</b> and <b>Microsoft</b> India, organized by Kakatiya University, Warangal from <b>01.04.2014</b> to <b>10.04.2014</b></p>
4	Dr. T. Rajakomuraiah	<p>Attended 73<sup>rd</sup> Orientation course, conducted by UGC Academic Staff College, <b>Osmania University</b>, Hyderabad, from <b>28.09.2012</b> to <b>31.10.2012</b></p> <p>Attended <b>Refresher Course in Life Sciences</b>, Organized by UGC-Academic Staff College, University of Hyderabad, Hyderabad from <b>08.11.2013</b> to <b>28.11.2013</b></p> <p>Attended Two week program on <b>“Teacher empowerment IT Champion”</b>, Sponsored by <b>MHRD</b> and <b>Microsoft</b> India, organized by Kakatiya University, Warangal from <b>01.04.2014</b> to <b>10.04.2014</b></p>

## 28. 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%

**29. Awards / recognitions received at the national and international level by**

- Faculty - 01 (AP State Best Teacher Award)
- Doctoral / post doctoral fellows - 06
- Students - One (Inspire fellowship)

**30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any.**

- National Seminar on **Recent Trends in Molecular Microbiology and Microbial Technology** – 22<sup>nd</sup> -24<sup>th</sup> Janury 2009 (UGC, DST, DBT, CSIR, APCOST, APSCHE)
- Orientation programme in Life Sciences** for secondary school Teachers - **I.** 9<sup>th</sup> – 14<sup>th</sup> July 2009
- National Seminar on **Microbial Diversity- Exploration & Bioprospecting** 27<sup>th</sup> – 28<sup>th</sup> March 2010
- Orientation programme in Life Sciences** for secondary school Teachers - **II.** 9<sup>th</sup> – 14<sup>th</sup> July 2010
- National Seminar on **Recent trends in Microbial Technology.** 26<sup>th</sup> – 27<sup>th</sup> March 2011 (UGC, SAP, CSIR, DST)
- National Seminar on **Challenges, opportunities and Emerging Trends in Microbial Technology.** 26<sup>th</sup> – 27<sup>th</sup> March 2012 (UGC, SAP, CSIR, DST)

**31. Code of ethics for research followed by the departments**

Code of ethics related to research and teaching is strictly followed.

**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*	80	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	- 04
SET	- 10
GATE and other competitive examinations	- 08

**35. Student progression**

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	25%
Ph.D. to Post-Doctoral	10%
Employed <ul style="list-style-type: none"> <li>Campus selection</li> <li>Other than campus recruitment</li> </ul>	20% 40%
Entrepreneurs	30%

**36. Diversity of staff**

Percentage of faculty who are graduates of	
the same university	100%
from other universities within the State from	Nil
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**

Prof. MA. Singaracharya - 08

Prof. S. Girisham - 05

**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
- t) Class rooms with ICT facility : 02
- u) Students' laboratories : 04
- v) Research laboratories : 05

The department is maintaining a departmental library, computer lab, laboratories, internet facility and they are upgraded every year to meet the requirements of the students.

**39. List of doctoral, post-doctoral students and Research Associates****a. from the host institution/university**

Sl. No	Name of the Scholar	Designation	Funding agency
1	Dr. A.Suresh	PDF	UGC
2	Dr. V. Koteswera Rao	PDF	UGC
3	K. Rajya Laxmi	Project Fellow	SAP-UGC
4	K. Jyoti Rani	Project Fellow	UGC

5	S. Santhosh Kumar	Project Fellow	UGC
6	B. Samatha	BSR- Project Fellow	UGC
7	B. Rajitha	Part time	--
8	A. Shanthi Priya	RGNF	UGC
9	G. Krishna	Project Fellow	MoEF
10	P. Bhanu Prakash	Project Fellow	DBT
11	G.Venkatesham	Project Fellow	DBT
12	K. Sarika	Project Fellow	DST-SERB
13	T. Gangadher	Project Fellow	DST-SERB
14	D.Suvarchala	Project Fellow	DST-SERB
15	S. Suman Kalyan	Project Fellow	DAR-BRNS

**b).from 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 department 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. Pavankumar       | - | Associate Professor and Principal, Palamuru University |
| 2.  | Dr. D. Vijayalaxmi      | - | Assistant Professor, Yogivemana University, Kuddapa    |
| 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. Shyam Prasad        | - | Kothari Fellowship, OU                                 |
| 7.  | Dr. R. Rnajib           | - | Scientist, DuPont                                      |
| 8.  | Dr. Srishailam Goud     | - | PDF Fellow, Switzerland                                |
| 9.  | Mrs Reshma Sahik        | - | Indian Railways catering serive                        |
| 10. | 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 counselling etc.

The student performance is assessed through the introduction of semester system. Enough emphasis is given to internal assessment.

**45. List the 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 APPSC, UPSC.

**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 training programme workshops, seminars, student counselling etc.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**A. Strengths:** Qualified and dedicated faculty, research facilities, meritorious students, Research Scholars and Non teaching Staff.

**B. Weakness:** Sophisticated research facilities.

**C. Opportunities:** PG students and Ph. D scholars find job opportunities in Government, private sectors, entrepreneurship.

**D. Challenges:** 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.

**Ongoing Projects**

**Annexure - I**

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 AndhraPradesh 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 <sub>2</sub> ) productionby Anoxygenic phototrophic bacteria; analternative energy source
4		DBT-SERB	22 .0	Strain improvement strategies in anoxygenic phototrophic bacteria for enhancement of bio-fuel (H <sub>2</sub> ) production
6	Dr. P. Venkataiah	DBT	43.0	Genetic transformation of Turmeric ( <i>Curcuma longa</i> L.)with <i>AtNPR1</i>

				gene and evaluation of transgenic plants for broad- spectrum disease resistance .
7		DAR-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> .
8	Dr. E. Sujatha	UGC	10.5	Isolation,screening,optimization and strain improvement of thermophilic fungi for cellulase production
9	Dr. T. Raja Komuraiah	DBT-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.

**Projects Completed****Prof. M.A. Singara Charya**

Sl No.	Title of Project	Funding Agency	Amount	Duration
1	Optimization of ethanol production by agro wastes.(in collaboration with NIT, Rourkela)	DBT	20,00,000/-	2006-2009
2	Production, optimization and characterization of $\beta$ -glucans from <i>Phyllotopsis nidulans</i> in submerged cultivation for their antimicrobial and antioxidant properties.	U.G.C	9,07,800/-	2009-2012
3	Production and characterization of lignin peroxidase by white rot fungi for industrial applications	U.G.C (B.S.R., Single grant)	7,00,000/-	2010-2011

**Prof. S. Girisham**

SI No.	Title of Project	Funding Agency	Amount	Duration
1	Biodiversity of Thermophilic fungi and their Biological Applications	UGC	8.50.000	2007-2010

**Dr. P. Venkataiah**

SI No.	Title of Project	Funding Agency	Amount	Duration
1	Genetic transformation of Chilli Pepper ( <i>Capsicum annuum</i> L.) with chitinase gene for fungal disease resistance.	UGC	9.70.000	2010-2013

**Dr. T. Rajakomuraiah**

SI No.	Title of Project	Funding Agency	Amount	Duration
1	Assessment of arbuscular mycorrhizal fungi (AMF) and other microbial association from rhizosphere soils of Bt-cotton and non-Bt.-cotton fields of Godavari belt.	UGC	11.50.000	2010-2013

## 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?: Yes
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, Industrial Pharmacy, Pharmaceutics and Pharmaceutical Analysis).  
Ph.D.

5. Interdisciplinary programmes and departments involved: None
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: Semester
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)

Sanctioned*	Actual (including CAS & MPS)	Filled
Professor	7	7
Associate Professors	-	-
Asst. Professors	6	6
Others (Contractual)	10	-

\*As on 01/04/2014

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of Years of Experience</b>	<b>No. of Ph.D./ M.Phil. students guided for the last 4 years</b>
Prof. V. Kishan	M. Pharm., Dr. Rer. Nat.	Professor	Pharmaceutics	30	M. Pharm: 31 PhD: 8
Prof. B. Ravi Kumar	M. Pharm., Ph.D.	Professor	Pharmacognosy	30	M. Pharm: 8 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	Pharmacognosy	28	M. Pharm: 12 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	25	M. Pharm: 16 PhD:
Prof. Y. Narsimha Reddy	M. Pharm., Ph.D.	Professor	Pharmacology	17	M. Pharm: 16 PhD: 8
Dr. G. Sammaiah	M. Pharm., Ph.D.	Asst. Professor	Pharmaceutical Chemistry	15	M. Pharm: 12
Dr. N. Prasad	M. Pharm., Ph.D.	Asst. Professor	Pharmacology	10	M. Pharm: 16
Dr. J. Krishnaveni	M. Pharm., Ph.D.	Asst. Professor	Pharmaceutical Chemistry	17	M. Pharm: 8
Dr. V. Swarooparani	M. Pharm., Ph.D.	Asst. Professor	Pharmacognosy	10	M. Pharm: -
Mr. B. Nagaraj	M. Pharm.	Asst. Professor	Pharmaceutics	11	M. Pharm- 6
Dr. Shayeda	M. Pharm., Ph.D.	Asst. Professor	Pharmaceutics	12	M. Pharm: 6

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Prof. A.V.N. Appa Rao [AICTE, New Delhi], 2013-2015

13. Percentage of classes taken by temporary faculty – programme-wise information

B. Pharmacy- 2012-2013: 34.3%

B. Pharmacy- 2013-2014: 28.77%

14. Programme-wise Student Teacher Ratio

B. Pharmacy: 5: 1

M. Pharmacy: 3: 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

a) National: AICTE, DBT.

b) International funding agencies: None

c) Total grants received: 131.72 Lakhs

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 <i>Bombax ceiba</i> , 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 Sytems.	12 Lakhs

## 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.

Agency	Duration	Total grants
UGC-DRS-SAP	2013-14	70.75 Lakhs

## 20. Research facility / centre with

- State recognition: None
- National recognition: Animal house: CPCSEA
- International recognition: None

## 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)	197
Monographs	None
Chapters in Books	None
Edited Books	None
Books with ISBN with details of publishers	None
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	-

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 / industries in India and abroad.

- Prof. G. Achaiah was selected for teaching assignment in Libiya at Al Arab Medical University, Bengazhi, Libiya- 2009-2010.
- Dr. J. Krishnaveni- Raman Post Doctoral Fellowship- University of Pacific, USA- 2013-2014.
- Prof. V. Kishan availed DAAD scholarship for a research stay at Department of Biomolecular Chemistry, Goettingen University, Goettingen, Germany in 2009.

Prof. V. Kishan, Visited and:

- Delivered a lecture on the research topic "Studies on antimicrobial principles from *Streptomyces* isolated from Indian soil" in Department of Biomolecular Chemistry, Goettingen University, Goettingen, Germany on 3-11-2009.
- Delivered a lecture on the research topic "Studies on Preparation, Characterization and evaluation of Lipid nanoemulsions containing certain drugs" at Department of Pharmaceutics, Johan Wolfgang Goethe University, Frankfurt, Germany on 11<sup>th</sup> Nov 2009.
- Delivered a lecture on the research topic "Studies on antimicrobial principles from *streptomyces* isolated from Indian soil" in Department of Microbiology, Friedrich Alexander University, Erlangen, Germany on 12-11-2009.
- Delivered a lecture on the research topic "Development of indinavir submicron/ nano lipid emulsions loaded with lipoamino acids- Invivo Pharmacokinetics and brain specific delivery" at Department of Pharmaceutics, Ernest Mario school of pharmacy,

Rutgers, The state university of New Jersey, USA on 23-11-2010.

- Delivered a lecture on “Brain specific delivery of anti viral drug from lipid nanoemulsions” at Department of Pharmaceutics, Peking University, Beijing, China on 09-11-2011.
- A lecture on the research topic “Immunoconjugates for drug targeting” at National seminar on Emerging trends in Animal biotechnology” organized by Dept. of Zoology, KU on 26-03-2010
- A lecture on the research topic “Isolation, Purification and biological studies of borrelidin from *Streptomyces californicus*” at National seminar on Plant sciences in Human Welfare organized by Dept. of Botany, KU on 04-03-2010.
- A lecture on the research topic “Studies on the preparation, characterization and evaluation lipid nano emulsions containing certain drugs” in National seminar on Drug delivery through nanotechnology” by Annamalai University, Chidambaram, TN state on 10-03-2010.
- A lecture on the research topic “Brain specific delivery using colloidal drug delivery system” in workshop on “Advances in Pharmaceutical Research” organized by RBVRR Womens college of Pharmacy, Hyderabad on 09-04-2011.
- A lecture on the research topic “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
- A lecture on the research topic “Brain specific delivery of antiviral drug from lipid nanoemulsions” in AICTE sponsored National seminar on “Retrospective of nanocarriers epic in International Archery” organized by Srikrishna Institute of Pharmaceutical Sciences, Siddipet, Medak Dt, A.P, on 21-2-2013.

26. Faculty serving in

- National committees: AICTE National Committees: 4; NBA-1
- International committees: None
- Editorial Boards: 2
- any other (please specify)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):

AICTE sponsored QIP orientation programs:

Topic	Period
Advances in Pharmacology and Therapeutics	27/08/2009 to 07/09/2009
Novel Drug Delivery Systems	11/09/2009 to 22/09/2009
Pharmaceutics and Industrial Pharmacy	03/03/2010 to 15/03/2010
Advances in Medicinal Chemistry	16/04/2010 to 27/04/2010
Novel Drug Delivery Systems	19/08/2010 to 31/08/2010
Advances in Pharmaceutical Chemistry and Analysis	28/11/2011 to 09/12/2011
Advances in Pharmacology and Pharmacognosy of	30/01/2012 to 10/02/2012

Medicinal Plants	
Advances in Pharmaceutics and Industrial Pharmacy	13/02/2012 to 25/02/2012

## 28. Student projects

- a. percentage of students who have done in-house projects including inter-departmental projects: 92%
- b. percentage of students doing projects in collaboration with other universities
  1. industry / institute: 8%

## 29. Awards / recognitions received at the national and international level by

- a. Faculty:
- b. Prof. V. Kishan- Association of Pharmaceutical Teachers of India (APTI) Pharmacy teacher of the year-2011 award, sponsored by BVDUPCP, Pune.
- c. Prof. V. Kishan- Best research paper award by International Journal of Pharmaceutical Sciences and Nanotechnology in 2013.
- d. Prof. A. Raghuram Rao- Dr. Mrs. Manjushree Pal Memorial Award for the Best Pharmaceutical Scientist for the year 2010.
- e. Prof. M. Sarangapani- Best paper presentation award by APTI in 2010.
- f. Prof. M. Sarangapani- Best paper presentation award by Osmania University in 2010.
- g. Best papers at IPC-2013:  
Prof. A. Raghuram Rao- Medicinal Chemistry.  
Dr. N. Prasad- Pharmacology.
- h. Doctoral / post doctoral fellows: None
- i. Students: None

## 30. Seminars/ Conferences/Workshops organized and the source of funding (national

- i. international) with details of outstanding participants, if any.

Year	Seminars/ Conferences/Workshops	Source of funding (national international)	Details of outstanding participants
22 <sup>nd</sup> – 24 <sup>th</sup> 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 <sup>nd</sup> – 24 <sup>th</sup> November, 2012	International conference on “Recent Advances in Pharmaceutical Sciences”	Industry and Private Pharmacy Colleges.	Prof. Gert Fricker- University of Heidelberg, Germany.

			<p>Dr. Jorg Kreuter, Insitute for Pharmaceutical Technology, Goethe University, Frankfurt, Germany.</p> <p>Dr. Ramakrishna Samala, SRA, School of Pharmacy, Texas Tech University Health Sciences Centre, USA.</p> <p>Dr. Panchagnula Ramesh, Vice President, Nektar Therapeutics Pvt. Ltd, Hyderabad.</p> <p>Dr. G. Narahari Sastry, IICT, Hyderabad.</p> <p>Dr. A. Veeranjanyulu, NMIMS, Mumbai.</p> <p>Dr. Thirumurthy Velpandian, AIIMS, New Delhi.</p>
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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 against enrolled	
		Male	Female	Male	Female
<b>B. Pharmacy</b>					
2010-11	72	41	31	100	100
2011-12	54	27	27	100	100
2012-13	44	12	31	100	100
<b>M. Pharmacy</b>					
2010-11	53	23	20		
2011-12	52	24	28		
2012-13	54	32	22		
<b>Ph.D</b>					
2009-10	-	9	2	100	100
2010-11	-	18	7	100	100
2013-14	-	24	23	-	-

33. Diversity of students

<b>Name of the Programme</b> (refer to question no. 4)	<b>% of students from the same university</b>	<b>% of students from other universities within the State</b>	<b>% of students from universities outside the State</b>	<b>% of students from other countries</b>
B. Pharmacy	93	-	5	2
M. Pharmacy	100	-	-	-
Ph.D	100	-	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

<b>Academic year</b>	<b>Appeared</b>	<b>Qualified</b>
2009-10 (GATE)	28	16
2010-11 (GPAT)	30	20
2011-12 (GPAT)	27	12
2012-13 (GPAT)	25	10
2013-14 (GPAT)	20	6

36. Student progression

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	90%
PG to M.Phil.	-
PG to Ph.D.	23%
Ph.D. to Post-Doctoral	5%
Employed	100%
Campus selection	60%
Other than campus recruitment	40%
Entrepreneurs	None

36. Diversity of staff

<b>Percentage of faculty who are graduates</b>	
of the same university	13
from other universities within the State	None
from universities from other States	None
from 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: 1 (Mrs. V. Swaroopa Rani- 2014)
38. Present details of departmental infrastructural facilities with regard to
- a. Library:
    - Books- 8180
    - Journals- 5
    - 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: 09
  - w) Class rooms with ICT facility: 02
  - x) Students' laboratories: 13
  - y) Research laboratories: 13
39. List of doctoral, post-doctoral students and Research Associates
- a. from the host institution/university: None
  - b. from other institutions/universities: None
40. Number of post graduate students getting financial assistance from the university.: None
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. : None
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?
  - 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?
- Building Fund:
    - Target: Rs. 1 Crore
    - Commitment: Rs. 40.00 Lakhs
  - Fellowships to PG students: Rs. 0.5 Lakhs
  - Books & Journals: Rs. 0.80 Lakhs

43. 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. Pattipati Srinivasulu Naidu, Sr. Lead Research Investigator, Biocon-BMS, Bengaluru, India.
  - Dr. Mullangi Ramesh, Director, DMPK, Jubilant Biosys, Bengaluru, India.
  - Dr. Azmeera Ramkishan, Deputy Drug Controller of India, New Delhi, India.
44. 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) deliver lectures on the emerging topics, cutting edge technologies.
45. 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.
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. None.
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.
52. Future plans of the department.

## 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)

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	Nil	-----	----
Associate Professors	Nil	-----	-----
Asst. Professors	Nil	-----	-----
Others	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
- ☐ Impact 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  
j) 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 i. 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	<b>6-2013</b>
<input type="checkbox"/> Campus selection	<b>7-2017</b>
<input type="checkbox"/> Other than campus recruitment	<b>50%</b>
Entrepreneurs	

## 36. Diversity of staff

Percentage of faculty who are graduates of	<b>100%</b>
the same University	
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  
**(2 Ph.Ds)**
38. Present details of departmental infrastructural facilities with regard to
- |   |                 |
|---|-----------------|
| a. Library                                    | <b>1500</b>     |
| b. Internet facilities for staff and students | <b>Yes</b>      |
| c. Total number of class rooms                | <b>4 (FOUR)</b> |
| d. Class rooms with ICT facility              | <b>One</b>      |
| e. Students' laboratories                     | <b>2 (Two)</b>  |
| f. Research laboratories                      | <b>Nil</b>      |
39. List of doctoral, post-doctoral students and Research Associates
- |   |                    |
|---|--------------------|
| c) from the host institution/university | <b>Exam branch</b> |
| d) 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**
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? | <b>Yes</b> |
| ii. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?    | <b>Yes</b> |
| iii. alumni and employers on the programmes offered and how does the department utilize the feedback?                   | <b>No</b>  |
43. List the distinguished alumni of the department (maximum 10)
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.
46. How does the department ensure that programme objectives are constantly met and

learning outcomes are monitored?

47. Highlight the participation of students and  
**Games and Sports**

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**

- i. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. **Organized Inter**

- ii. **University Tournaments**

50. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

51. Future plans of the department.

**Strength M.Phil**

## EVALUATIVE REPORT – PHYSICS DEPARTMENT

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 (UG, PG, M.Phil., Ph.D., Integrated masters; Integrated Ph. D., D.Sc., D.Litt.,) : **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)**  
**M. Phil is discontinued as it is getting diluted in distance mode.**
8. Examination System : **Semester System with internal assessment**
9. participation of the department in the courses offered by other departments : **Our Teachers deliver lectures in M. Sc (Microbiology) and M. Sc (Bio-Technology) every academic year.**
10. Number of teaching posts sanctioned, filled and actual  
 (Professors/Associate/Professors/Asst. Professors/Others)

	<b>Sanctioned</b>	<b>Filed</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	<b>2</b>	-	<b>5</b>
Associate professors	-	-	-
Asst. professors	-	-	<b>4</b>
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

S.No	Name Designation	Qualification	Specialization	No. of years of experience	No. Of Ph. D./M.Phil. students guided for the last 4 years
01	Prof. T. Bhaskar Rao Retd. on 31-08-2012	M.Sc Ph.D. (IIT M)	Spectroscopy	34	Nil
02	Prof. K. Kishan Rao Retd. On 31-07-2011	M.Sc.Ph.D. (KU)	Solid State Physics	31	04
01	Prof. K.Suresh Babu Expired on 18-10-2013	M.Sc.Ph.D. (K.U)	Electronics/ Nuc.Rad.Phy	33	Nil
02	Prof. G. Sathaiah Retired on 31-05-2014	M.Sc. O.U, Ph.D. (K.U)	Elec/SSP	34	01
03	Prof. Khaja Althaf Hussain	M,Sc.Ph.D. (K.U)	Solid State Physics	32	03
04	Prof. N. Gopikrishna	M.Sc. Ph.D. (K.U)	Solid State Physics	28	05
05	Prof. A.S.Nageshwar Rao	M.Sc. Ph.D. (K.U)	Nuclear Radiation Physics	28	04
06	Prof. G. Gangadhar Reddy	M.Sc. Ph.D. (K.U)	Solid state Theory	23	01
07	Dr. B. Venkatram Reddy	M.Sc. Ph.D. (K.U)	Spectroscopy	11	Nil
08	Dr. C.J. Sreelatha	M.Sc . Ph.D. (K.U)	Solid State Physics	09	Nil
09	Dr. T. Thirumal Rao	M.Sc . Ph.D. (K.U)	Electronics	09	Nil
10	Dr.S.Kalahasti	M.Sc .Ph.D. (K.U)	Electronics	04	Nil
11.	Dr. G. Padmaja Transferred to UASC	M.Sc Ph.D . (OU)	Spectroscopy	04	Nil

	(KU) June, 2013.				
12.	Dr. N. Varalaxmi Transferred to UASC (KU)June, 2013.	M.Sc Ph.D. (SKD)	Solid State Physics	04	Nil

## 12. List of senior Visiting fellows, adjunct faculty, emeritus professors

Dr. Tanu Ratan , Dept of physics, SSSIHL, Prasanthi Nilayam, Puttaparthi, A.P.

Prof. K.B.R. Varma, IISc, Bangalore

Prof. D. Narayana Rao, University of Hyderabad.

Dr. Brijesh Kumar, JNU, Delhi.

Dr. S.C. Gadkari, BARC, Mumbai.

Prof. S. Ram, IIT, Kharagpur.

Prof. M. Ghanshyam Krishna, University of Hyderabad.

Dr. Harnath Ghosh, RRCAT, Indore.

Prof. Deshdeep Sahadev IIT, Khanpur.

Prof. O.Md. Hussain SV University, Thirupati.

13. Percentage of classes taken by temporary faculty – programme-wise information –  
M.Sc. (Physics) 15%

14. Programme – wise Student Teacher Ratio : **3:1**

## 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

17. Number of faculty with ongoing 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 Completed 2006 - 2010	CSIR, New Delhi	4.70
Dr. G. Gangadhar Reddy	Mutual Effects of Magnetic and Structural transitions on strongly correlated electron systems	4 years Completed 2010 - 2014	CSIR, New Delhi	11.00
Dr. B. Venkatram Reddy	Vibrational Analysis and DFT Calculations of some Biomolecules	3 years (on going) 2013 - 2016	UGC, New Delhi	11.45

## 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 Rs: 32.40 Lakhs.**

## 20. Research facility / centre with

State recognition : **Yes**

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) 80
- Monographs :
- Chapters in Books :
- Edited Books : **03**
- 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 : **1**

- SNIP :
  - SJR :
  - Impact Factor – range / average : **1**
  - 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 c)Editorial boards d)any other (please specify)
- Prof. G. Sathaiah – subject expert (UGC) for MRP (Western region)
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	
<b>5 day Training Programme on Microprocessors, Microcontrollers and Digital Communications for P.G. Teachers</b>	<b>Feb 22- 26, 2010</b>	<b>20</b>	<b>10</b>	<b>41</b>	<b>UGC</b>
Name of the Seminar/ Conference/Work-shop	Date	No. of papers presented	No. of participants		Source of funding
			KU	Other Institutions	
<b>5-day training Programme on Microprocessor, Microcontrollers and Digital Communications for PG teachers</b>	<b>13<sup>th</sup> to 17<sup>th</sup> July, 2010</b>	<b>-</b>	<b>10</b>	<b>41-</b>	<b>APSCHE, HYD</b>
<b>Five –day training Programme for under Graduate Teachers in</b>	<b>19<sup>th</sup> to 23<sup>rd</sup> Oct,</b>		<b>08</b>	<b>30</b>	<b>APSCHE ,HYD</b>

<b>Physics</b>	<b>2010</b>				
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## 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 : **Dr. G. Padmaja and DR. N. Varalaxmi.**

30. Seminars / Conferences / Workshops organized ;and the source of funding (national /international) with details of outstanding participants, if any . : **Enclosed**

<b>Two-day Workshop on “Nanoscience and Nanotechnology”</b>	<b>3<sup>rd</sup> to 4<sup>th</sup> Nov,2010</b>		<b>320</b>	<b>-</b>	<b>UGC New Delhi</b>
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Name of the Seminar/ Conference/Work-shop	Date	No. of papers presented	No. of participants		Source of funding
			KU	Other Institutions	
SSP Seminar:  Two day National Seminar on Recent Trends in Solid state Physics	13-02- 2012  &  14-02- 2012	Lecture Programme	15	50	UGC, New Delhi

Name of the Seminar/ Conference/Work-shop	Date	No. of papers presented	No. of participants		Source of funding
			KU	Other Institutions	
National Conference on Advances in Materials science and Technologies .	19-11-2012  to  21-11-2012	Lecture Programme  (160)	19	141	UGC, New Delhi, DST,DRDO,CSIR,APSH E APSCOST, DAE.

31. Code of ethics for research followed by the departments -

32. students 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 Defence Services examinations,

NET, SET, GATE and other competitive examinations? Give details category – wise

Details.

NET-4, APSET-10, GATE-6

## 35. Students progression

Students progression	Percentage against enrolled
UG to PG	---
PG to M. Phil.	2 %
PG to Ph. D.	5 %
Employed	Nil
Campus selection	
Other than campus recruitment	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 : Nil

## 38. Present details of departmental infrastructural facilities with regard to

- a) Library ; The department has a library with about 600 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 .

- c) Total number of class rooms : 3
  - 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 : 1. K. Nanda Gopal 2. P. Maruthi Kumar 3. D. Esther Kalpana Rani 4. P. Himabindu 5. V. Ganesh 6. B. Saritha 7. E. Purushotham 8. K. Rajendra Prasad 9. P.V. Raja Shekar 10. Nagaraju Daasi 11. A. Narendar 12. Jai Kishan Oja 13. B. Raju 14. C. Snehalatha Reddy 15. L. Haritha 16. A. Saritha 17. L. Jithender. 18. K. Narender 19. A.S. Madusudhan Rao
  - 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? ---
43. List the distinguished alumni of the department (maximum 10)
- 1. Dr. Sateesh Peddoju, M.Sc (Physics), Kakatiya University 1993-95 batch Asst. Professor in Computer Science, IIT, Roorkee, UP.

2. Dr. Somaiah Goud, M.Sc (Physics) 1996-98 batch, Scientist, DRDO, Mumbai.
  3. Dr. Anil. K. Gouri Shetty, M.Sc.(Physics), KU, 1996-98 bathch, Faculty Member, IIT, Roorkee, UP.
  4. Gampa Praveen, M.Sc. (Physics), KU, 1996-98 batch, District Judge, Madhira, Khammam (Dist.).
  5. Dr. T. Venkatappa Rao, M.Sc.(Physics), KU 1985-87, Faculty Member, NIT, Warangal, A.P.
  6. Dr. R. Surender Reddy, M.Sc.(Physics), KU, 1982-84, DDSE, School Education, Hyderabad.
44. Give details of student enrichment programmes (special lectures / workshops/ Seminar) involving external experts.
- Special lectures have been organized in nanoscience and technology during the Period 23<sup>rd</sup> oct to 2<sup>nd</sup> Nov 2014 by an external expert Smt. Tanu Ratan from SSIHL Puttaparthi..
45. list the teaching methods adopted by the faculty for different programmes.
1. Black board teaching
  2. Audio – visual clippings
  3. Internet downloads
  4. Power point presentations.
  5. Students seminars.
46. How does the department ensure that programme objectives are constantly met And learning outcomes are monitored?
- By conducting internal assessment tests and students seminars.
47. Highlight the participation of students and faculty in extension activities.
- Every year educational tours are organized for students and competitions like essay writing, elocution an quiz in physics are conducted for students on the occasion of National Science day faculty members continuously 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 and conferences have been organized by the department with following details.
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.

51. Details five major Strengths, weaknesses, Opportunities and Challenges (SWOC) of The department.

**Strengths :** All faculty members are highly qualified with doctoral degrees with good Research and teaching background.

**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 basis.

**Opportunities :** Teachers present their research results in various national and International conferences and deliver lectures in other institutions.

**Challenges :** Projects have to be submitted to various funding agencies to develop the research laboratories on par with other national laboratories.

52. Future plans of the department.

Planning to establish techniques like i). AFM ii) SEM iii) Particle analyser iv) XRD for the study of nano materials. V) Low temperature attachment to gamma-ray densitometers.

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 research 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 .Ph il

## 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
    - □□L
  - b. national recognition
    - □□L
  - c. international recognition
    - □□L
- 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
- k) 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 4<sup>th</sup> - 30<sup>th</sup> 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  
➤ □□L
- percentage of students doing projects in collaboration with other universities / industry / institute  
➤ □□L

29. Awards / recognitions received at the national and international level by

- a. Faculty  
➤ □□L
- b. Doctoral / post doctoral fellows  
➤ Dr. S. Vankataiah  
➤ Dr. V. Nagaraju  
➤ Dr. S. Somalingam
- c. Students  
➤ □□L

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/Workshop/Symposia	Date	No. of papers presented	No. of participants		Source of funding
			KU	Other Institutions	
Democracy: India's Experience	25 <sup>th</sup> and 26 <sup>th</sup> March, 2010	75	170	55	UGC, KU
Social Movement in India Issues and Challenges	2 <sup>nd</sup> and 3 <sup>rd</sup> March, 2012	65	155	45	UGC, KU
Challenges and Issues in Contemporary Indian Politics	30 <sup>th</sup> July, 2012	27	85	15	UGC, KU
Federal Polity – States Reorganisation	30 <sup>th</sup> 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 <input type="checkbox"/> Campus selection <input type="checkbox"/> 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
    - l) 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 – A Study of Women M.P.T.C. Members in Khammam District, Andhra Pradesh	Prof. K. Raghu Ram Reddy	28/07/2012
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 Programme in Warangal District	Prof. K. Raghu Ram Reddy	17/05/2010
8.	Nagaraju Vadapalli	Political	Ambedkar, Ambedkarites and Their Political Participation in Andhra	Dr. G. Veeranna	01/09/2010

		Science	Pradesh		
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 Karimnagar District	Prof. K. Raghu Ram Reddy	05/10/2012
19.	Vadlakonda Satyanarayana	Political Science	Women Participation in Development Programmes in Andhra Pradesh – A Study of Indira Kranthi Pathakam	Prof. P. Hussain Khan	19/10/2012
20.	M. Subhas	Political Science	Structure and Performance of Reservation Policy in Employment for	Dr. Ch. Dinesh Kumar	31/10/2012

			Backward Castes – A Study of Kakatiya University		
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 Dabheti	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 of the 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.)

	<b>PG</b>	<b>M. Phil.</b>	<b>Ph. D</b>
<b>Public. Admn.</b>	<b>M. A.</b>	<b>Yes</b>	<b>Yes</b>
<b>Human Resource Management</b>	<b>M H R M</b>	<b>Yes</b>	<b>Yes</b>

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)

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (Including CAS &amp; MPS)</b>
<b>Professor</b>	<b>02</b>	<b>--</b>	<b>09</b>
<b>Associate Professors</b>	<b>04</b>	<b>--</b>	<b>--</b>
<b>Asst. Professors</b>	<b>11</b>	<b>03</b>	<b>03</b>
<b>Others</b>			

- As on today 5 posts are vacant.

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<b>Name</b>	<b>Qualifi- Cation</b>	<b>Designati on</b>	<b>Specialization</b>	<b>No. of Years of Experi - ence</b>	<b>No. of Ph. D /M. Phil. Students guided for the last 4 years</b>
<b>Dr. Ch. Bala Ramulu</b>	<b>M.A.,  Ph. D</b>	<b>Professor</b>	<b>Public Policy  Poverty alleviation Programme</b>	<b>30</b>	<b>5+3=8</b>
<b>Dr. V. shobha</b>	<b>M.A.,  M. PhIL., Ph. D</b>	<b>Professor</b>	<b>Women's Studies  Management Studies</b>	<b>30</b>	<b>2+2=4</b>
<b>Dr. K. Seetha Rama Rao</b>	<b>M.A.,  M. Phil., Ph. D</b>	<b>Professor</b>	<b>Public Policy  Rural Development &amp; Local Governance  Administrative Theory</b>	<b>36</b>	<b>3+3=6</b>
<b>Dr. B. Prabhakar Rao</b>	<b>M.A.,  Ph. D.,</b>	<b>Professor</b>	<b>Human Resource Management  Organizational Behaviour Management Science</b>	<b>28</b>	<b>3+2=5</b>
<b>Dr. R. Ram Reddy</b>	<b>M.A.,  M. Phil., Ph. D</b>	<b>Professor</b>	<b>Human Resource Management  Industrial Relations  Public Sector management</b>	<b>27</b>	<b>1+0=1</b>
<b>Dr. P. Narasimha Rao</b>	<b>M.A.,  M. Phil.,</b>	<b>Professor</b>	<b>Management Science  Administrative</b>	<b>22</b>	<b>4+3=7</b>

	<b>Ph. D</b>		<b>Theory</b> <b>Rural Development Administration</b>		
<b>Dr. G. Rameshwaram</b>	<b>M.A., Ph. D</b>	<b>Professor</b>	<b>Management Science &amp; Techniques</b> <b>Health Administration &amp; Development</b> <b>Social Psychology and Counseling</b>	<b>22</b>	<b>6+4=10</b>
<b>Dr. P. Narendra Babu</b>	<b>M.A., M. Phil., Ph. D</b>	<b>Professor</b>	<b>Personnel Management</b> <b>Rural Development Administration</b> <b>Tribal Development Administration</b>	<b>22</b>	<b>3+3=6</b>
<b>Dr. M. Vidyasagar Reddy</b>	<b>M.A., M. Phil., Ph. D</b>	<b>Professor</b>	<b>Personnel management</b> <b>Organizational Behaviour</b>	<b>22</b>	<b>3+6=9</b>
<b>Dr. P. Sambaiah</b>	<b>M.A., M. Phil., Ph. D</b>	<b>Professor</b>	<b>Rural Development Administration</b> <b>Administrative Theory</b> <b>Adult education</b>	<b>22</b>	<b>4+3=7</b>
<b>Dr. K. Chokkaiah</b>	<b>M.A., M. Phil., Ph. D</b>	<b>Professor</b>	<b>Tribal Development</b> <b>Administrative Theory</b>	<b>22</b>	<b>6+0=6</b>  <b>9</b>

<b>Dr. T. Satyanarayana</b>	<b>M.A., M. Phil., Ph. D</b>	<b>Professor</b>	<b>Heaalth Administration  Rural Development Administration</b>	<b>22</b>	<b>3+2=5</b>
<b>Dr. T.V. Sujatha Kumari</b>	<b>M.A., M. Phil., Ph. D</b>	<b>Asst. Professor</b>	<b>Personnel Management  Industrial Relations</b>	<b>9</b>	<b>2+2=4</b>
<b>Dr. G. Pani</b>	<b>M.A., Ph. D</b>	<b>Asst. Professor</b>	<b>Urbaan governance  Dalit studies</b>	<b>9</b>	<b>1+2=3</b>
<b>Dr. T. Yadagiri Rao</b>	<b>M.A., Ph. D</b>	<b>Professor</b>	<b>Public Policy  Tribal Development</b>		<b>2+2=4</b>
<b>Dr. P. Srinivasa Rao</b>	<b>M.A., Ph. D</b>	<b>Asst. Professor</b>	<b>Welfare Administration</b>		<b>--</b>
<b>Dr. V. Venkat Khanna</b>	<b>LLM. Ph. D</b>	<b>Asst. Professor</b>	<b>Labour Laws</b>		<b>--</b>

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

**Dr. Zeng Xiangyu, Institute of South Asian Studies, Sichuan University, Peoples Republic of China 10-16<sup>th</sup> March, 2014**

13. Percentage of classes taken by temporary faculty – programme-wise information- NIL

14. Programme-wise Student Teacher Ratio

<b>Public Administration</b>	<b>M.A.  70</b>	<b>M. Phil.  12</b>	<b>Total  82/5</b>	<b>Ratio  1 : 15</b>
<b>HRM</b>	<b>MHRM  84</b>	<b>M. Phil.  12</b>	<b>Total  96 / 6</b>	<b>Ratio  1 : 15</b>

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.
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**

**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) -- 86

\* Monographs --- **200**

\* Chapters in Books --- **100**

\* Edited Books --- **08**

\* 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.

1. 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.

2. 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.

3. 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

4. UGC sponsored Two-Day National seminar on “Gender Challenges and Opportunities in India” Organized by Department of Public Administration & HRM., Kakatiya University 2010.

5. UGC sponsored Two-Day National seminar on “Gender and Agriculture” Organized by Department of Public Administration & HRM., Kakatiya University 2010.

6. IIPA sponsored One-Day Symposium on “Global Warming and Its Impact on India” Organized by Department of Public Administration & HRM., Kakatiya University 2008.

7. UGC sponsored One-Day symposium on “Recent Trends in HR and Challenges” Organized by Department of Public Administration & HRM., Kakatiya University 2010.

8. Organized Two-Day national seminar on “Building Positive Employment Relations in India – The way forward”, 28 & 29<sup>th</sup> July, 2013. Sponsored by friedrich Ebert stiftung India, UGC Unit, Kakatiya University, IIRA and ICSSR.

9. Organized Two-Day National seminar on “Liberalization Policies and Governance Reforms in India, 25 & 26<sup>th</sup> March, 2014 sponsored by U G C.

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.**

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
<b>M.A Pub. Administration</b>	<b>200</b>	<b>24</b>	<b>11</b>	<b>100%</b>	<b>100%</b>
<b>MHRM</b>	<b>300</b>	<b>29</b>	<b>13</b>	<b>80%</b>	<b>100%</b>
<b>M. Phil. ( Pub. Admn.)</b>	<b>100</b>	<b>8</b>	<b>4</b>	<b>100%</b>	<b>100%</b>
<b>M. Phil. (HRM)</b>	<b>80</b>	<b>8</b>	<b>4</b>	<b>100%</b>	<b>100%</b>

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
<b>M A</b>	<b>90%</b>	<b>10%</b>	<b>--</b>	<b>--</b>
<b>MHRM</b>	<b>82%</b>	<b>14%</b>	<b>2%</b>	<b>2%</b>
<b>M. Phil.</b>	<b>100%</b>	<b>--</b>	<b>--</b>	<b>--</b>
<b>M. Phil.</b>	<b>100%</b>	<b>--</b>	<b>--</b>	<b>--</b>

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	<b>NIL</b>
PG to M. Phil.	<b>10%</b>
PG to Ph. D	<b>06%</b>
Ph. D to Post-Doctoral	<b>05%</b>
Employed Campus selection Other than campuses recruitment	<b>NIL</b>
Entrepreneurs	<b>20</b>

## 36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	<b>100%</b>
from other universities within the State	<b>NIL</b>
from universities from other States from	<b>NIL</b>
universities outside the country	<b>NIL</b>

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 -- **500 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**

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**

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 alumni from time to time on the program 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**

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.

<b>Strengths</b>	<b>Weaknesses</b>
1. Expertise in two distinct fields i.e., Public Administration & Human Resource Management	1. Locational disadvantage where no industrie exist in this area
2. Akin to the latest global developments in the fields of Pub.Admn. & HRM	2. Majority of the students are handicapped with economic & social backwardness
3. Ability to conduct research in vide range of areas that includes HRM, Public Policy, Rural Development etc.,	3. Poor infrastructure at the department as well as university level
4. International exposor and affiliation with various Professional bodies across	4. Long pending faculty recruitment and large number of retirements
	5. No posts were sanctioned to the MHRM

the globe 5. Team work	programme since 1991
<p style="text-align: center;"><b>Opportunities</b></p> <ol style="list-style-type: none"> <li>1. Conducting training programme for political leaders and public officials. Growing demand for well trained HR professionals in India and a Broad</li> <li>2. Diversefying into industry / society desired courses like integrated five years HRM course</li> <li>3. Opportunity to teach Public Administration &amp; HRM courses under the choice based credit system</li> <li>4. Possibility for expansion in terms of offering MHRM course in other location</li> <li>5. Offering management consultancy in HRM area</li> </ol>	<p style="text-align: center;"><b>Challenges</b></p> <ol style="list-style-type: none"> <li>1. Challenging public policy regarding Higher Education giving primacy to the private sector</li> <li>2. Changing creamy students preferences towards technical Education</li> <li>3. Language &amp; Communication skills shortage among the students</li> <li>4. Political instability and distburstances</li> <li>5. Competition from the private Universities</li> </ol>

52. Future plans of the department.

1. Introduction of the year Integrated MHRM Course
2. Strenthening of MHRM Course
3. Organizing National and International Seminars
4. Organizing Allumini Association Meetings
5. Organizing Extension Lectures
6. Enhancing interaction with Industries.

**Evaluative Report of the Department**

1. Name of the Department : **Sociology**
2. Year of establishment : **1991**
3. Is the Department part of a School/Faculty of the university? **Faculty**
4. Names of programmes offered : **UG, PG, M.Phil, Ph.D.**
5. Interdisciplinary programmes and departments involved  
**Master of Social Work programme is being handled by the Department.**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.  
**Not Applicable**
7. Details of programmes discontinued, if any, with reasons -- **Not Applicable**
8. Examination System: **Semester System**
9. Participation of the department in the courses offered by other departments  
**Master of Social Work course is being handled by the Senior Faculty.**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS&amp; MPS)</b>
Professor	01	01	03 (CAS)
Associate Professors	02	02	- -
Asst. Professors	02	02	-
Others((Contractual+ Part-time	01+08	01+08	

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance
12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
13. Percentage of classes taken by temporary faculty – programme-wise information
 

B.A.	Regular Faculty 33.33	Part-time 66.66%
M.A.(Regular)	Regular Faculty 33.33	Contractual 30% and Part-time 37%
M..A. (SFC)	Regular Faculty 33.33	Part-time 66.66%il
M.Phil	Regular 100%	
Ph.D	Regular 100%	
14. Programme-wise Student Teacher Ratio as per ugc guidelines.
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual
16. Research thrust areas as recognized by major funding agencies:
 

**Medical Sociology, Tribal Studies, Rural Sociology,**
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) **Dr. M. Swarna Latha, Assistant Professor; UGC Major Research Project – *Incidence of Diseases and effectiveness of Health Services in Tribal Areas a Study in Andhra Pradesh.*---- 5.5 lakhs.**
18. Inter-institutional collaborative projects and associated grants received
 

a) National collaboration	b) International collaboration
---------------------------	--------------------------------
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **No Funding**
20. Research facility / centre with National Recognition.
 

a. state recognition	Yes
b. national recognition	Yes
c. international recognition	
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) 33  
(Dr. K. Ailaiah and Dr. M. Swarna Latha)
- \* Monographs
- \* Chapters in Books  
26 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      **Not Applicable**

24. Areas of consultancy and income generated      **None**

25. Faculty selected nationally / internationally to visit other laboratories / institutions  
a. industries in India and abroad

**Prof. M. Ramanuja Rao, Visting Professor to University of Dodoma,Tanzania and University of Asmara, Eritria.**

26. Faculty serving in

m) National committees

b) International committees: **Prof. M. Ramanuja Rao, Chairman for International Institute of Development and Management, University of Dodoma**

n) Editorial Boards

Dr.K. Ailaiah was in the editorial Board for Kakatiya University Journal of Social Sciences, Warangal. 2009-2011.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

**UGC Refresher Courses being attended by the junior faculty as and when required.**

Student projects

- 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

**28. Awards / recognitions received at the national and international level by**

- Faculty
- Doctoral / post doctoral fellows  
**Rajiv Gandhi National Fellowship for Doctoral Program to Ms. A. Saraswathi, under supervision of Dr. M. Swarna Latha, Asst. Professor of Sociology.**
- Students

**29. Seminars/ Conferences/Workshops organized and the source of funding (national**

- international) with details of outstanding participants, if any.
  - Agrarian Crisis and Farmers' Suicides, Challenges and Strategies**, Director – Dr. M. Swarna Latha, I/c Head, Department of Sociology, Nov.23 and 24, 2012. funded by ICSSR, New Delhi.
    - Prof. E. Hari Babu, Pro-Vice-Chancellor, Hyderabad Central University, Hyderabad.
    - Sri D.V. Rayudu, IAS (Rtd) State in Charge for Non-Pesticide Management of Agriculture, NPMA. SERP Govt. of Andhra Pradesh.
    - Prof. N. Ramulu, President, AP Sociological Society, AP
    - Prof. Ch. Ganesh, General Secretary, AP Sociological Society, AP
    - Sri K. Lakshminarayana, IAS (Rtd.)
  - National Seminar on Social Development in India Policies and Strategies and Challenges, 25-26 April, 2011.
    - Prof. N. Ramulu, President, Andhra Pradesh Sociological Society. AP
    - Prof. Ch. Ganesh, General Secretary, Andhra Pradesh Sociological Society, AP
    - Prof. Ghanta Chakrapani, Director, Staff Training Centre, Dr.BR Ambedkar Open University, Hyderabad
    - Prof. Ch. Uma Mohan, former President, AP Sociological Society.
    - Sri Rahul Bojja, IAS, District Collector, Warangal. and other eminent personalities and dignitaries have participated in the seminar.

**30. Code of ethics for research followed by the departments**  
Quarterly appraisal on ongoing research by the scholars.

Departmental Research Committee to review the research from time to time, seminars 2 and 2 published papers in a journal is mandatory to submit the thesis for the award of Ph.D. degree.

Open viva-voce, Ph.D. Thesis evaluation by three external members from the other states.

Part-I examination for those who did not have M.Phil degree

Entrance Examination for Ph.D. and M.phil Admissions.

constant vigil about plagiarism. Students made aware and sensitized to make them feel responsible in doing research

**31. Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
2008-09	150	28	15	26	12 -92.6%
2009-10	223	31	14	28	11 -86.6%
2010-11	232	29	14	29	13 -97.6%
2011-12	221	36	12	34	10 -91.6%
2012-13	275	44	12	40	10 -89.2%

**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

33. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

**34. Student progression**

Student progression	Percentage against enrolled
UG to PG	70%
PG to M.Phil.	50%
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	

Employed through <input type="checkbox"/> Other than campus recruitment	Employment 100% employed
Entrepreneurs	10% are leading their own establishments like Engineering college.s, etc

**35. Diversity of staff**

<b>Percentage of faculty who are graduates of</b>
the same university 20%
from other universities within the State 80%
from universities from other States none
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 None.

37. Present details of departmental infrastructural facilities with regard to

- |  |                |
|--|----------------|
| <b>a.</b> Library                                    | <b>Yes</b>     |
| <b>b.</b> Internet facilities for staff and students | <b>Yes</b>     |
| c. Total number of class rooms                       | <b>3 Rooms</b> |
| z) Class rooms with ICT facility                     |                |
| aa) Students' laboratories                           |                |
| <b>bb)</b> Research laboratories                     |                |

38. List of doctoral, post-doctoral students and Research Associates

- a. from the host institution/university
  1. Ms. K. Saritha Devi, Ph.D. Scholar, Research Associate.
- b. from other institutions/universities

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.  
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. the feedback will be taken in a constructive way and while upgrading the curriculum such feed back will become a valuable input.

- ii. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

**Same as above. Besides, the students feedback on staff will definitely help improve the teaching and evaluation process of the department. Needs of the students are taken care of and addressed within the limitations of the objectives of the university and departmental considerations.**

- iii. Alumni and employers on the programmes offered and how does the department utilize the feedback?

**Constructively.**

41. List the distinguished alumni of the department (maximum 10)
42. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

**Extension Lectures being conducted every year by inviting external experts from other universities and states. Prof. Jacob John Kattakayam(Retd.), Universtiy of Kerala, Prof. A. Uma Mohan (Retd) Sri Krishna Deva Raya University, Anantapur, Prof. Ch. Ganesha, Osmania University, Prof. D. Venkateswarlu, Sri Venkateshwara University, Tirupathi Prof. Reddeppa Naidu, Sri Venkateshwara University, Tirupathi, prof. Ghanta Chakrapani, Dean, Dr. B.R. Ambedkar Open University, Hyderabad, Prof. E. Hari Babu, Pro-Vice-Chancellor, Hyderabad Central University, Hyderabad. and some other eminent faculty members have given their piece of best for the benefit of the students.**

43. List the teaching methods adopted by the faculty for different programmes.

**Lecture Method, Seminar Method, Interactive lecture Method. Use of Power Point Presentations in the seminar and lecture sessions.**

44. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

**Internal assessments (two ) are made before every semester to assess the students' performances and the shortcomings in the teaching.**

45. Highlight the participation of students and faculty in extension activities.

Students and Faculty are actively engaged in community works. they are the forerunners in NSS Volunteership.

Prof. T. Srinivas has served as NSS Co-ordinator for 3 years and the NSS Activity during his Otenure was a great success and won huge appreciation from the concerned authorities.

Dr. K. Ailaiah has served as Principal and during his tenure, he conducted one 8 day camp in the sangampet village, Nirmal, Adilabad under NSS activity

Dr. M. Swarna Latha has served as Principal and in her tenure, one Vanamahostav activity was taken up under which 150 saplings of Neem, Banyan, Jatropa and other wild variety shade trees were planted on the campus of the University P.G College, Nirmal in 2010-2011.

One 8 day NSS Camp has also been conducted during her tenure in Kondapur Village of Nirmal Mandal, Adilabad in 2011.

Extension Lectures to Police Personnel on “Personality Development” “Stress management”, Community relations and its importance during the years 2011, 2012 by Dr. M. Swarna Latha.

46. Give details of “beyond syllabus scholarly activities” of the department.

Extension Lectures to Police Personnel in Nirmal Division on “Personality Development” “Stress management”, Community relations and its importance during the years 2011, 2012 by Dr. M. Swarna Latha.

Several faculty members are on the editorial board for the Journal.

47. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

48. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The department has pioneered a New Branch of Knowledge “**Changeology**”. Prof. D.M. Ravi Prasad has coined and contributed for the development of this branch of knowledge. It has got very good academic standing in the world.

49. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Establishment of the department at Tribal dominant Place is both the Strong and weak point of the department.

#### **Strenghts:**

Since the department is in rural and tribal dominant area Rural and Tribal Social problems, can best be studied and addressed; and the studies are helpful in the policymaking.

Rich Experience of Senior Faculty Members of the department, Strong Library, Team spirit is some other strong points of the department.

In spite all the short falls, the faculty is giving the best to the students. the students of the sociology are well placed. Almost 100 per cent placement record is a noteworthy feature

of the department.

**Weaknesses:**

The main department itself is located far away from the main campus, which is very uncommon. The deprivation of regular interaction with administration owing to long distance resulted in slow development of the department. There is also a setback for Academic interaction, interdisciplinary academic activities, conducting national international seminars and such other academic activities. Active participation of the faculty in the university's academic and extracurricular activities has become a little bit problem.

**Opportunities:**

During the academic Year 2013-14, MA Sociology course was introduced on Campus in Self Finance mode. The response was very good, and hopefully we can run the course successfully. Till date the Faculty is scattered at PG College, Nirmal Adilabad and Warangal Districts. If the department gets a regular status on the campus, the consolidation of the faculty strengths would be possible and there is a hope for the department to move further and make an impressive growth in the years to come.

**Challenges:**

The Major challenge of the department is its identity crisis. Due to its far location, the department is still struggling to make a mark in the university and other academic circles.

Securing a SAP program is only possible if the department is placed on the University campus itself. Now the department is under Univ. P.G.College, which comes under 12(f) 2(b) clause that make the department disqualified for many academic opportunities on par with the campus departments.

The office of the Head on the campus is independent, whereas it has to work under the Principal of the college at PG centre. for each and every transaction approval of the Principal, Registrar and Vice-Chancellor is necessary which is a long process.

50. Future plans of the department.

There is a need to recruit full-time faculty members, as the department has started a self-finance department offering M.A. course at Univ. Arts and Science college, Subedari Warangal from the 2013-14 academic year onwards.

## Evaluative Report of the Department

1. Name of the Department : **Department of Statistics, Kakatiya University**
2. Year of Establishment : **2012**
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 departments involved -----
6. Courses in collaboration with other universities, industries, foreign institutions, etc. -----
7. Details of programmes discontinued, if any, with reasons -----
8. Examination System : **Semester**
9. Participation of the department in the courses offered by other departments  
: **M.Sc Integrated Chemistry.**
10. Number of teaching posts sanctioned, filled and actual (professors/Associate Professor/ Asst. Professor/ Others)

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	<b>02</b>	<b>02</b>	<b>02</b>
<b>Associate Professor</b>	-	-	-
<b>Asst. Professor</b>	-	-	-
<b>Others</b>	<b>02</b>	<b>02 (Contractual)</b>	

**11. Faculty Profile with name, qualification, designation, area of specialization, experience and research under guidance**

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of Years of Experience</b>	<b>No of Ph,D/ M.Phil. students guided for the last 4 years</b>
<b>Dr. V. Nageswara Rao</b>	<b>M.Sc., Ph.D</b>	<b>Professor</b>	<b>Statistical inference , OR</b>	<b>30</b>	<b>1 Candidate is working</b>
<b>Dr. A. Rajendra Prasad</b>	<b>M.Sc., Ph.D</b>	<b>Professor</b>	<b>Sampling , Computer programming</b>	<b>`27</b>	<b>2 Candidates are working</b>

**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

**14. Programme-wise student Teacher Ratio : 10:1**

**15. Number of Academic Support staff (technical) and administrative staff: sanctioned, filled and actual : 03**

## 16. Research thrust areas as recognized by major funding agencies : **Boot Strapping**

### 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 : **Rs. 6,03,800=00.**

18. Inter-institutional collaborative projects and associated grants received -----  
 a) National collaboration                      b) International Collaboration

19. Departmental projects funded by *DST-FIST; UGC-SAP / CAS, DPE; DBT, ICSSR, AICTE*, etc.; total grants received. -----

20. Research facility / centre with  
✓ **State Recognition**

21. Special research laboratories sponsored by / created by industry or corporate bodies -----

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**
- 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 -----

26. Faculty serving in

a) National committees

b) International committees

c) Editorial Boards

d) Any other (please specify)

**Dr. V. Nageswara Rao, External Member on Board of Studies of other Institutions**  
(2)

**27.** faculty recharging strategies (UGC, ASC, Refresher / orientation Programs, workshops, training programs and similar programs.)

**Attended work-shop on official statistics conducted by NASA, New Delhi in the year 2012.**

## **28. Student projects**

- Percentage of students who have done in-house projects including inter-department al projects : **10%**
- Percentage of students doinmg projects in collaboration with other universities / industry / institute -----

**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. -----  
-----

**31.** Code of ethics for research followed by the departments -----

**32.** Students profile Programme-wise:

Name of the Programme (refer to question No.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
<b>M.Sc.</b>	<b>313</b>	<b>09</b>	<b>11</b>	<b>100%</b>	<b>100%</b>

**33.** Diversity of student

<b>Name of the Programme</b> (refer to question No.4)	<b>% of students from the same university</b>	<b>% of students from the other universities within the state</b>	<b>% of students from universities outside the state</b>	<b>% of students from other countries</b>
M.Sc.	80%	20%	-	-

**34.** How many students have cleared Civil Services and Defense examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. ----  
--

Student progression

**23.** Name of the Department : **Department of Statistics, Kakatiya University**

**24.** Year of Establishment : **2012**

**25.** Is the Department part of a School / Faculty of the University? **Yes**

**26.** Names of Programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) **PG and Ph.D.**

**27.** Interdisciplinary Programmes and departments involved -----

**28.** Courses in collaboration with other universities, industries, foreign institutions, etc. -----

**29.** Details of programmes discontinued, if any, with reasons -----

**30.** Examination System : **Semester**

**31.** Participation of the department in the courses offered by other departments  
: **M.Sc Integrated Chemistry.**

**32.** Number of teaching posts sanctioned, filled and actual (professors/Associate Professor/ Asst. Professor/ Others)

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	<b>02</b>	<b>02</b>	<b>02</b>
<b>Associate Professor</b>	-	-	-
<b>Asst. Professor</b>	-	-	-
<b>Others</b>	<b>02</b>	<b>02 (Contractual)</b>	

**33.** 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>Dr. V. Nageswara Rao</b>	<b>M.Sc., Ph.D</b>	<b>Professor</b>	<b>Statistical inference , OR</b>	<b>30</b>	<b>1 Candidate is working</b>
<b>Dr. A. Rajendra Prasad</b>	<b>M.Sc., Ph.D</b>	<b>Professor</b>	<b>Sampling , Computer programming</b>	<b>27</b>	<b>2 Candidates are working</b>

**34.** Lst of senior visiting fellows, adjunct faculty, emeritus professors

3. Prof. V.V. HARAGOPAL, Dept, of Statistics, Osmania University, Hyderabad
4. Prof. K.L.A.P. SARMA, Dept, of Statistics, Sri Krishna Devaraya University, Anantapur

**35.** Percentage of classes taken by temporary Faculty – Programme – wise information

**36.** Programme-wise student Teacher Ratio : **10:1**

**37.** Number of Academic Support staff (technical) and administrative staff:  
sanctioned, filled and actual : **03**

### 38. Research thrust areas as recognized by major funding agencies : **Boot Strapping**

**39. 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 : **Rs. 6,03,800=00.**

**40. Inter-institutional collaborative projects and associated grants received** -----

a) National collaboration

**41.** Departmental projects funded by *DST-FIST*; *UGC-SAP / CAS*, *DPE*; *DBT*, *ICSSR*, *AICTE*, etc.; total grants received. -----

## 42. Research facility / centre with

### ✓ State Recognition

**43. Special research laboratories sponsored by / created by industry or corporate bodies -----**

#### 44. Publications:

- |  |             |
|--|-------------|
| • Number of papers published in per reviewed journals (National )  | : <b>13</b> |
| • 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  | <b>02</b>   |
| • h-index  | -----       |

27. Details of patents and income generated -----

28. Areas of consultancy and income generated -----

29. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad -----

30. Faculty serving in

a) National committees

b) International committees

c) Editorial Boards

d) Any other (please specify)

**Dr. V. Nageswara Rao, External Member on Board of Studies of other Institutions**  
(2)

34. faculty recharging strategies (UGC, ASC, Refresher / orientation Programs, workshops, training programs and similar programs.)

**Attended work-shop on official statistics conducted by NASA, New Delhi in the year 2012.**

### 35. Student projects

■ Percentage of students who have done in-house projects including inter-department al projects : **10%**

■ Percentage of students doinmg projects in collaboration with other universities / industry / institute -----

36. Awards / recognitions received at the national and international level by

■ Faculty : **02**

■ Doctoral / post doctoral fellows

■ Students

37. Seminars / Conferences / workshops organized and the source of funding (national / international) with details of outstanding participants, if any. -----  
-----

38. Code of ethics for research followed by the departments -----

39. Students profile Programme-wise:

Name of the Programme (refer to question No.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc.	313	09	11	100%	100%

40. 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.	80%	20%	-	-

35. How many students have cleared Civil Services and Defense examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. ----  
--

36.

Student Progression	Percentage against enrolled
UG to PG	----

PG to M.Phil.	----
PG to Ph.D.	5%
Ph.D. to Post-Doctoral	----
Employed	
■ Campus Selection	----
■ Other than campus recruitment	----
Entrepreneurs	----

**37. Diversity of Staff**

Percentage of faculty who are graduates	
Of the same University	25%
From other Universities within the State	75%
From Universities from other State from	----
Universities out side the Country	----

**38. Number of faculty who were awarded Ph.D., and During the assessment period****03****39. present details of departmental infrastructural**

- a) Library Department is having 358 text Books I the Departmental Library
- b) Internet facilities for staff and students **100%**
- c) **Total number of class rooms** **02**
- d) **Class rooms with ICT facility** **----**
- e) **Students laboratories** **01**
- f) **Research laboratories** **01**

40. list of doctoral, post-doctoral students and Research Associates
- a) From the host institution / university -----
  - b) From other institution / university -----
41. Number of post graduate students getting financial assistance from the university  
-----
42. Was any need assessment exercise undertaken before the development of new programme(s)? if so, highlight the methodology. **Intend to introduce CBCS.**
43. 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? -----
  - c. Alumni and employers on the programmes offered and how does the department utilize the feedback? -----
44. List the distinguished alumni of the department (maximum 10)
- 1. B. JAI SAI GANESH
  - 2. K. RAJU
  - 3. B. BINDU
  - 4. M. ANUSHA
  - 5. K. NAVYA
  - 6. R. RAJITHA
  - 7. B. VEERANNA
  - 8. G. BADHRU NAIK
  - 9. P. LAXMAREDDY
  - 10. P. NAGARAJU
45. Give details of student enrichment programmes (special lectures / workshops/ seminar) involving external experts.

**Arranged guest lectures by Professors from other universities.**

46. List the teaching methods adopted by the faculty for different programmes.

**Introduced Computer Paper on “C- Programming.”**

47. 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.**

48. Highlight the participation of students and faculty in extension activities.

**Students participated in NSS, Games & Sports conducted by the university.**

49. Give details of “beyond syllabus scholarly activities” of the department. -----

50. State whether the programme / department is accredited / graded by other agencies? If yes, give details. -----

51. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. -----

52. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department. -----

53. Future plans of the department.

**If staff positions are increased, planning to introduce electives in Stochastic Processes, Econometrics.**

## Evaluative Report of the 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**
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	Filled	Actual (including CAS & MPS)
Professor	12	06	-
Associate Professor			
Asst. Professor			
Others Asst. Professor (Contract basis)	-	4	-

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 4 years	
					Ph. D	M.P hil
Dr. K. Katyayani	Professor	Ph.D.	Novel & Short Story, Women Studies, Regional Studies, Bibliographies and Alan Kara Sastram	35	06	02
Dr. K. Yadagiri	Professor	Ph.D.	Modern Critics & Criticism in Telugu, Indian Aesthetics	28	03	02
Dr. B. Ailaiah	Professor	Ph.D	Modern Poetry, Dalith Literature, Telangana Literature	21	04	09
Dr. P. Venkateswarlu	Assistant Professor	Ph.D	Modern Poetry, Telangana Regional Studies, Novel, Short Story and Folk Literature	09	05	07
Dr. V. Sreedevi	Assistant Professor	Ph.D	Novel, Culture, Folk Literature	09	06	05
Dr. G. Kishan Prasad	Assistant Professor	Ph.D	Classical, Modern Poetry Drama and Telangana Regional Studies	10	Nil	
Smt. A. Jyothi	Assistant Professor	M.A	Classical, Modern Poetry and Dalith Sahityam	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. Bakthavatsala Reddy, P.S. Telugu University, Girijan Vigana petham, Warangal

13. Percentage of classes taken by temporary faculty – programme-wise information  
10%

## 14. Programme-wise Student Teacher Ratio

Programme	Students Teachers Ratio
M.A Telugu	11.6%
M.Phil	1: 5%
Ph.D Telugu	1 : 6%

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
1.	Dr. P. Venkateswarlu	UGC	Telangana Navala – Sthanikatha – Samskritika, Rajakeeya Astiva Chitrana
2.	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)

Total Grant

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 (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**
- Special research laboratories sponsored by / created by industry or corporate bodies **Nil**

21. 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) Telangna Telugu Katha 2011

- (Proceedings of National Seminar)
- d) Telangana Telugu Navala - 2012  
(Proceedings of National Seminar)
- e) Vimarshini - Research Journal No: 22 July, 2013

### **Faculty Publications**

#### **Prof. K. Katyayani - Publications**

- 1 Sahityakasshamlo Sagam - Streela Asthitwa Sahityam – Kavitwam – Katha 2010
- 2 Mahila Sadhikaratha - Savaalu - Samaja Sahitya Swabhavalu (T. Jyothi Rani) 2012
- 3 Sthreevadam - Andhra Pradesh, State Cultural Department, Samskruthika Mandali, P.S. Telugu University, December 2012
- 4 Streevadham - 2012
- 5 Telangana Sahityam - Prantheyyatha 2012
- 6 Prantheya Chaitanyam-Telangana Sahtham Pala Pitta Books, Hyderabad September 2013

#### **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

#### **Prof. B. Ailaiah**

#### **Publications**

1 Kaluva Mallaiah Kathalu – Telangna jana Jeevitham 2010

2 Telangana Sahithya Samstalu – 2012

**Dr. P. Venkateswarlu**

**Edited:**

1 Telangana Telugu Katha - 2011  
(Proceedings of National Seminar)

2 Telangana Telugu Navala -2012  
(Proceedings of National Seminar)

3 Vimarshini – Research Jounrla No. 22 July 2013

**Dr. V. Sreedevi**

**Publications:**

1 Dr. DAsarathi Rangacharya Jeevitha, Vangmaya Suchika –Jan. 2009

2 Dr. Dasharathi Ranga Charya Jeevitham- Sahithyam – Samajam – 2010

3 Prantheeya Sahithyam – Telangana Astithvam – 2013

\* Number of papers published in peer reviewed journals

(National / international) 64

\* Monographs 01

\* Chapters in Books Nil

\* Edited Books 17

\* 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 -

\* SNIP -

- \* SJR -
- \* Impact Factor – range / average Nil
- \* h-index -
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
- o) National committees Yes
  - p) International committees No
  - q) Editorial Boards Yes
  - r) any other (please specify) Nil
26. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

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

27. 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
    - 1. industry / institute  
Nil

## 28. 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 01 (Dr. M. Shankaraiah)
- c. Students 06 (UGC Junior Research Fellowship)

## 29. Seminars/ Conferences/Workshops organized and the source of funding (national

## i. International) with details of outstanding participants, if any.

- |   |              |   |
|---|--------------|---|
| 1 | 2009 March   | A National Seminar on Kakatiyula Samrajyam :<br>Sahityam – Kalalu – Samajam (under SAP, DRS-I)          |
| 2 | 2010 March   | A National Seminar on Telangana Samajika<br>Samskruthika, Sahitya Udyama (under SAP, DRS-I)             |
| 3 | 2012 Jan.    | A National Seminar on Rendu Dashabdala<br>(1990-2010) Telugu Rachayitraula Sahityam,<br>Gamanam, Gamyam |
| 4 | 2012 March   | A National Seminar on Telangana Sahitya<br>Sekarana – Adhyayana Paddhatulu<br>(under SAP, DRS-I)        |
| 5 | 2012 Sept.   | A National Seminar on Gurajada Jeevitha<br>Drukpatham – Sahityam  |
| 6 | 2013 Jan.    | A National Seminar on Feminism in Telugu  |
| 7 | 2013 October | A National Seminar on Jashuva Sahitya Tathvam<br>– Samakaleena Drukpadam                                |
| 8 | 2014 March   | A National Seminar on Telangana Sahitya Charitra<br>– Punarnirmanam                                     |

30. Code of ethics for research followed by the departments

31. 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	150	06	06	100%	100%
Ph.D	390	12	09	100%	100%

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
PG	90%	Nil	Nil	Nil
M.Phil	100%	Nil	Nil	Nil
Ph.D	100%	Nil	Nil	Nil

37. 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 - 30

SET, - 67

GATE/JRF - 06

## 38. 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	Nil
Campus selection	
Other than campus recruitment	25%
Entrepreneurs	25%

## 39. Diversity of staff

Percentage of faculty who are graduates of	Nil
the same university	80%
From other universities within the Stat from	20%
Universities from other States from	Nil
Universities outside the country	Nil

## 51. 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	01	04
Prof. B. Ailaiah	04	07
Prof. K. Yadagir	01	02
Dr. P. Venkateswarlu	01	03
Dr. V. Sreedevi	02	01

## 52. 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

cc) Class rooms with ICT facility 01

dd) Students' laboratories Nil

ee) Research laboratories Nil

53. List of doctoral, post-doctoral students and Research Associates

a. from the host institution/university

Sl No	Name of the Scholar	Designation	Funding Agency
1	Dr. M. Shankaraiah	PDF	UGC
2	Dr. T. Chakradhar Swamy	Project Fellow	UGC, SAP
3	Prabhavathi Devi	Project Fellow	UGC, SAP
4	M. Shyamala	Project Fellow	UGC, SAP
5	K. Srilatha	Project Fellow	UGC, SAP
6	E. Chandramouli	Project Fellow	UGC, SAP
7	K. Shobhara Rani	Project Fellow	UGC, MRP
8	K. Sadashiv	Project Fellow	UGC, MRP
9	M. Shankaiaha	RGNF	UGC
10	L. Sujatha	RGNF	UGC
11	S. Sastya	RGNF	UGC
12	V. Gandhi	RGNF	UGC

from other institutions/universities Nil

54. Number of post graduate students getting financial assistance from the university.  
Nil
55. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.  
Nil
56. 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, time to time the department will obtain feedback from the faculty on curriculum and evolve method to update it.

- 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?

The alumni meet shall be conducted Every year their feed back is sought for the improvement of quality in education and providing adequate facilities for the students.

57. List the distinguished alumni of the department (maximum 10)

Prof. Anumandla Bhoomaiah -	Vice Chancellor, P.S. Telugu
	University, Hyderabad
Prof. K. Yadagiri	- Director, Telugu Ackademi,
	Hyderabad

58. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

59. List the teaching methods adopted by the faculty for different programmes.

Internet Facilities

Video Lectures

Real Objects

60. How does the department ensure that programme objectives are constantly met and

learning outcomes are monitored?

Continuous evaluation and internal assessment tests are conducted.

61. Highlight the participation of students and faculty in extension activities.

The students are encouraged to appear for NET, SLET and other competitive examinations

62. 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

63. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

No

64. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The department is actively participating in the organization of workshops, Seminars, Students Seminars etc.

65. 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

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

66. Future plans of the department.

- ❖ To establish language laboratory for improving the communication and Writing skills
- ❖ The Department proposes to establish the “Classical Telugu Chair” this chair to study the Classical Literature as source material to understand 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 INSCRIPTIONS AND MANUSCRIPTS
- ❖ The Department proposes to establish the one years Telugu Diploma Course in NATURAL LANGUAGE PROCESS (NLP)

### 3. Evaluative Report of the 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.

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor			
Associate Professors			
Asst. Professors			
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, Seri-biotechnology, 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.
  - I. Prof. Ch. Sammaiah- UGC- Ecological Impacts of BT cotton on soil biodiversity.- Rs: 7,53,800/-
  - II. Prof. Y. Prameela Devi- UGC- development of Biosensors for environmental monitoring of endocrine disrupting chemicals. Rs: 7,09,800/-
  - III. Prof. M. Krishna Reddy- UGC -anti HIV activity of the extracts of fresh water mussels (*Lamidens marginalis* Rs. 8,92,200/-
  - IV. Prof. M. Swamy –UGC- Ecological Studies and plankton diversity in certain lentic water bodies of Adilabad district ,AP- Rs: 8,72,800/-
  - V. Prof T. Ravinder Reddy, -UGC –Ecological Studies and Plankton diversity in certain lentic water bodies o Warangal District –AP- Rs:12,50,000/-
  - VI. 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/-
  - VII. Dr. Y. Venkaiah –UGC- Studies of estranges in Parotid gland secretions of the toad- Rs: 8,31,800/-
  - VIII. 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 –Ireverse transcribing inhibitory activities ofsome 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
- s) 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- 6<sup>th</sup> May to 11<sup>th</sup> June, 2005, Osmania University, Hyderabad (UGC)
2. Orientation Programme – 25<sup>th</sup> April to 15<sup>th</sup> May, 2009, Osmania University, Hyderabad (UGC).
3. Refresher Course- 9<sup>th</sup> Dec to 29<sup>th</sup> Dec, 2010, Hyderabad Central Universtiy (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- Osmaina University, Hyderabad (UGC).
2. Refresher course- 04-07-2012 to 05-10-2013 - Osmaina 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. Prameela 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

- i. international) with details of outstanding participants, if any.
  - I. National Seminar on “Recent trends in Animal Sciences” – 12<sup>th</sup> to 13<sup>th</sup> March, 2009.
  - II. National seminar on “Emerging trends in animal biotechnology”- 26<sup>th</sup> to 27<sup>th</sup> March, 2010.

- III. Two days work shop on “Biological applications of computers and bioinformatics”- 6<sup>th</sup> to 7<sup>th</sup> October, 2010.
- IV. Five Day workshop on “Tools and Techniques in Biology”- 10<sup>th</sup> to 14<sup>th</sup> December, 2010.
- V. 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).
- VI. 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.
- VII. National science Day: 28-02-2013 Guest Speaker R. Umma Reddy, Scientist and Cordiantor, DATTC, Warangal.
- VIII. One day national seminar on New Frontiers in Animal Sciences on 4-4-2013. 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 Qulified.

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	
<input type="checkbox"/> Campus selection	
<input type="checkbox"/> 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

ff) Class rooms with ICT facility

gg) Students' laboratories-2

hh) 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.
- I. Two days work shop on “Biological applications of computers and bioinformatics”- 6<sup>th</sup> to 7<sup>th</sup> October, 2010.
  - II. Five Day workshop on “Tools and Techniques in Biology”- 10<sup>th</sup> to 14<sup>th</sup> December, 2010.
  - III. 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.