

**M. PHARM REVISED SYLLABUS  
(2008-2009)**

**EFFECTIVE FROM 2008-2009  
ACADEMIC YEAR ONWARDS**

**UNIVERSITY COLLEGE OF PHARMACEUTICAL SCIENCES  
KAKATIYA UNIVERSITY, WARANGAL-506 009.  
KAKATIYA UNIVERSITY  
WARANGAL**

**RULES AND REGULATIONS TO M.PHARM. COURSES OFFERED UNDER SEMESTER SYSTEM**

**General Schedule**

There shall be 16 weeks for each semester and it takes two years to complete the course. III and IV semester contains the project work

**Academic Schedule**

Each semester will have **4 theory and two practical papers** with **six periods** per week. There also seminars and assignments in I and II semester and comprehensive viva in third semester

**Question Paper Pattern**

There will be **four questions** in each paper. Each question will have 3 bits

**Distribution of marks:**

**I and II semester ( 4 theory and 2 practical and seminar and assignment)**

**Theory**

Four question 4x25=100 marks

**Practicals:**

Seminar 100 marks  
50 marks

Assignments 50 marks

III semester seminar 50 marks

Comprehensive viva voice	50 marks
IV semester seminar	50marks
Disseratation evaluation	200 marks
Disseration viva voice	50 marks

**Promotion:**

A student has to not only put in 75% of attendance and register for examination for each semester but also appear all paper in each semester for promotion to next semester. A students with 4 papers has block lag can be promoted to M.Pharm second year. There shall be no supplementary examinations.

The minimum pass marks shall be 50% in each paper (Theory & Practicals) separately.

**Award of division**

**Aggregate marks of all the semesters:**

I Division with Distinction	-----	75% and above
I Division	.....	60% and above and below 70%
II Division	.....	55% and above and below 60%
III Division (PASS)	.....	50%

A candidate in order to become eligible for I/II division shall be required to pass all the papers of final semester in one attempt, besides passing I/II/III semester papers, either earlier to or along with the final semester.

Whenever the syllabi and scheme of examination are changed, in such cases two examinations will be conducted as per old syllabus and scheme. Thereafter, the candidates who have availed/ not availed and not qualified shall have to take the backlog papers as per the changed syllabi and scheme of examination.

The candidates who could not put up required percentage of attendance and detained, however be eligible to seek readmission in the same semester (with at least 40% of attendance in aggregate). Such students have to pay 50% of the tuition fee prescribed.

**Distributions of papers:**

I semester	.....	All papers compulsory
II semester	.....	All papers compulsory
III semester (Seminar Comprehensive viva voice)		
IV Semester		project work

**Improvement:****a) Improvement during the course of study**

“A candidate who has passed in the papers of I/II/ semesters completely can improve his /her performances in one or more papers of I/II/ semesters in the immediately following examination with the provision to retain the better of the two”.

**Important Guidelines:**

1. There shall be four major subjects and two practical during the first two semesters.
2. One seminar and one assignment will be conducted during each semester (I&II). Each will be evaluated for 50 marks by three average of it is taken for awarding marks.
3. One seminar pertaining to the topic of dissertation including concept, literature plan of work will be conducted at the end of IIIrd semester and will be evaluated by minimum of three PG teachers which would include the concerned supervisor. The average marks will be taken into account.
4. Thesis marks will be awarded only by the external examiners.
5. The viva-voce marks are to be awarded by the supervisor and external examiner jointly.
6. Comprehensive viva shall be conducted at the end of third semester and evaluated by the external examiner and all faculty members within each specialization.
7. One assignment related to specialization (related to specific topics and supported by original articles) is given in each of I & II semesters, which shall be evaluated by two examiners. Average marks is taken into account.

8. One seminars each semester during I & II shall be conducted before all the faculty and PG students and will be evaluated by minimum of three PG teachers. Average marks are taken into account.
9. There shall be two practical examinations each of six hours duration on two consecutive days at the end of first and second semesters. There shall be one internal examiner for each practical examination. However, the external examiner shall be common for both the practical examinations.

### **SPECIALIZATIONS:**

1. Pharmaceutics
2. Pharmaceutical Chemistry
3. Pharmacognosy
4. Pharmacology
5. Industrial Pharmacy
6. Pharmacy Practice
7. Pharmaceutical analysis

### **M.Pharm. I Semester**

<b>Theory</b>	<b>Marks</b>	<b>Lectures</b>	<b>Tutorials</b>	<b>Practicals</b>
Paper – I	100	3	2	-
Paper – II	100	3	2	-
Paper – III	100	3	2	-
Paper – IV	100	3	2	-
<b>Practicals</b>				
Paper – I	100	-	-	9
Paper – II	100	-	-	9
Seminar	50			
Assignment	50			
<b>Total</b>	<b>700</b>	<b>12</b>	<b>8</b>	<b>18</b>

## M.Pharm. II Semester

<b>Theory</b>	<b>Marks</b>	<b>Lectures</b>	<b>Tutorials</b>	<b>Practicals</b>
Paper – I	100	3	2	-
Paper – II	100	3	2	-
Paper – III	100	3	2	-
Paper – IV	100	3	2	-
<b>Practicals</b>				
Paper – I	100	-	-	9
Paper – II	100	-	-	9
Seminar	50			
Assignment	50			
<b>Total</b>	<b>700</b>	<b>12</b>	<b>8</b>	<b>18</b>

## M.Pharm. III Semester

	<b>Marks</b>
Seminar (Pertaining to the topic of research and work plan)	50
Comprehensive viva-voce	50
<b>Total</b>	<b>100</b>

## M.Pharm. IV Semester

	<b>Marks</b>
Seminar (Experimental Work, Results, Discussion and Conclusion)	50
Dissertation evaluation	200
Dissertation Viva-Voce	50
<b>Total</b>	<b>300</b>

Pharmacy Council of India  
New Delhi

Rules & Syllabus for the Bachelor  
of Pharmacy (B. Pharm) Course

---

[Framed under Regulation 6, 7 & 8 of the Bachelor of  
Pharmacy (B. Pharm) course regulations 2014]

## **CHAPTER- I: REGULATIONS**

### **1. Short Title and Commencement**

These regulations shall be called as “The Revised Regulations for the B. Pharm. Degree Program (CBCS)of the Pharmacy Council of India, New Delhi”. They shall come into effect from the Academic Year 2016-17. The regulations framed are subject to modifications from time to time by Pharmacy Council of India.

### **2. Minimum qualification for admission**

#### **2.1 First year B. Pharm:**

Candidate shall have passed 10+2 examination conducted by the respective state/central government authorities recognized as equivalent to 10+2 examination by the Association of Indian Universities (AIU) with English as one of the subjects and Physics, Chemistry, Mathematics (P.C.M) and or Biology (P.C.B / P.C.M.B.) as optional subjects individually. Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations.

#### **2.2. B. Pharm lateral entry (to third semester):**

A pass in D. Pharm. course from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act.

### **3. Duration of the program**

The course of study for B.Pharm shall extend over a period of eight semesters (four academic years) and six semesters (three academic years) for lateral entry students. The curricula and syllabi for the program shall be prescribed from time to time by Pharmacy Council of India, New Delhi.

### **4. Medium of instruction and examinations**

Medium of instruction and examination shall be in English.

### **5. Working days in each semester**

Each semestershall consist of not less than 100 working days. The odd semesters shall be conducted from the month of June/July to November/December and the even semesters shall be conducted from December/January to May/June in every calendar year.

### **6. Attendance and progress**

A candidate is required to put in at least 80% attendance in individual courses considering theory and practical separately. The candidate shall complete the prescribed course satisfactorily to be eligible to appear for the respective examinations.

## **7. Program/Course credit structure**

As per the philosophy of Credit Based Semester System, certain quantum of academic work viz. theory classes, tutorial hours, practical classes, etc. are measured in terms of credits. On satisfactory completion of the courses, a candidate earns credits. The amount of credit associated with a course is dependent upon the number of hours of instruction per week in that course. Similarly, the credit associated with any of the other academic, co/extra-curricular activities is dependent upon the quantum of work expected to be put in for each of these activities per week.

### **7.1. Credit assignment**

#### **7.1.1. Theory and Laboratory courses**

Courses are broadly classified as Theory and Practical. Theory courses consist of lecture (L) and /or tutorial (T) hours, and Practical (P) courses consist of hours spent in the laboratory. Credits (C) for a course is dependent on the number of hours of instruction per week in that course, and is obtained by using a multiplier of one (1) for lecture and tutorial hours, and a multiplier of half (1/2) for practical (laboratory) hours. Thus, for example, a theory course having three lectures and one tutorial per week throughout the semester carries a credit of 4. Similarly, a practical having four laboratory hours per week throughout semester carries a credit of 2.

### **7.2. Minimum credit requirements**

The minimum credit points required for award of a B. Pharm. degree is 208. These credits are divided into Theory courses, Tutorials, Practical, Practice School and Project over the duration of eight semesters. The credits are distributed semester-wise as shown in Table IX. Courses generally progress in sequences, building competencies and their positioning indicates certain academic maturity on the part of the learners. Learners are expected to follow the semester-wise schedule of courses given in the syllabus.

The lateral entry students shall get 52 credit points transferred from their D. Pharm program. Such students shall take up additional remedial courses of 'Communication Skills' (Theory and Practical) and 'Computer Applications in Pharmacy' (Theory and Practical) equivalent to 3 and 4 credit points respectively, a total of 7 credit points to attain 59 credit points, the maximum of I and II semesters.

## **8. Academic work**

A regular record of attendance both in Theory and Practical shall be maintained by the teaching staff of respective courses.



### 9. Course of study

The course of study for B. Pharm shall include Semester Wise Theory & Practical as given in Table – I to VIII. The number of hours to be devoted to each theory, tutorial and practical course in any semester shall not be less than that shown in Table – I to VIII.

**Table-I: Course of study for semester I**

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP101T	Human Anatomy and Physiology I– Theory	3	1	4
BP102T	Pharmaceutical Analysis I – Theory	3	1	4
BP103T	Pharmaceutics I – Theory	3	1	4
BP104T	Pharmaceutical Inorganic Chemistry – Theory	3	1	4
BP105T	Communication skills – Theory *	2	-	2
BP106RBT BP106RMT	Remedial Biology/ Remedial Mathematics – Theory*	2	-	2
BP107P	Human Anatomy and Physiology – Practical	4	-	2
BP108P	Pharmaceutical Analysis I – Practical	4	-	2
BP109P	Pharmaceutics I – Practical	4	-	2
BP110P	Pharmaceutical Inorganic Chemistry – Practical	4	-	2
BP111P	Communication skills – Practical*	2	-	1
BP112RBP	Remedial Biology – Practical*	2	-	1
<b>Total</b>		<b>32/34<sup>§</sup>/36<sup>#</sup></b>	<b>4</b>	<b>27/29<sup>§</sup>/30<sup>#</sup></b>

<sup>#</sup>Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course.

<sup>§</sup>Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM)course.

\* Non University Examination (NUE)

**Table-II: Course of study for semester II**

<b>Course Code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP201T	Human Anatomy and Physiology II – Theory	3	1	4
BP202T	Pharmaceutical Organic Chemistry I – Theory	3	1	4
BP203T	Biochemistry – Theory	3	1	4
BP204T	Pathophysiology – Theory	3	1	4
BP205T	Computer Applications in Pharmacy – Theory *	3	-	3
BP206T	Environmental sciences – Theory *	3	-	3
BP207P	Human Anatomy and Physiology II –Practical	4	-	2
BP208P	Pharmaceutical Organic Chemistry I– Practical	4	-	2
BP209P	Biochemistry – Practical	4	-	2
BP210P	Computer Applications in Pharmacy – Practical*	2	-	1
<b>Total</b>		<b>32</b>	<b>4</b>	<b>29</b>

\*Non University Examination (NUE)

**Table-III: Course of study for semester III**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP301T	Pharmaceutical Organic Chemistry II – Theory	3	1	4
BP302T	Physical Pharmaceutics I – Theory	3	1	4
BP303T	Pharmaceutical Microbiology – Theory	3	1	4
BP304T	Pharmaceutical Engineering – Theory	3	1	4
BP305P	Pharmaceutical Organic Chemistry II – Practical	4	-	2
BP306P	Physical Pharmaceutics I – Practical	4	-	2
BP307P	Pharmaceutical Microbiology – Practical	4	-	2
BP 308P	Pharmaceutical Engineering –Practical	4	-	2
<b>Total</b>		<b>28</b>	<b>4</b>	<b>24</b>

**Table-IV: Course of study for semester IV**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP401T	Pharmaceutical Organic Chemistry III– Theory	3	1	4
BP402T	Medicinal Chemistry I – Theory	3	1	4
BP403T	Physical Pharmaceutics II – Theory	3	1	4
BP404T	Pharmacology I – Theory	3	1	4
BP405T	Pharmacognosy and Phytochemistry I– Theory	3	1	4
BP406P	Medicinal Chemistry I – Practical	4	-	2
BP407P	Physical Pharmaceutics II – Practical	4		2
BP408P	Pharmacology I – Practical	4	-	2
BP409P	Pharmacognosy and Phytochemistry I – Practical	4	-	2
<b>Total</b>		<b>31</b>	<b>5</b>	<b>28</b>

**Table-V: Course of study for semester V**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP501T	Medicinal Chemistry II – Theory	3	1	4
BP502T	Industrial PharmacyI– Theory	3	1	4
BP503T	Pharmacology II – Theory	3	1	4
BP504T	Pharmacognosy and Phytochemistry II– Theory	3	1	4
BP505T	Pharmaceutical Jurisprudence – Theory	3	1	4
BP506P	Industrial PharmacyI – Practical	4	-	2
BP507P	Pharmacology II – Practical	4	-	2
BP508P	Pharmacognosy and Phytochemistry II – Practical	4	-	2
<b>Total</b>		<b>27</b>	<b>5</b>	<b>26</b>

**Table-VI: Course of study for semester VI**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP601T	Medicinal Chemistry III – Theory	3	1	4
BP602T	Pharmacology III – Theory	3	1	4
BP603T	Herbal Drug Technology – Theory	3	1	4
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	3	1	4
BP605T	Pharmaceutical Biotechnology – Theory	3	1	4
BP606T	Quality Assurance –Theory	3	1	4
BP607P	Medicinal chemistry III – Practical	4	-	2
BP608P	Pharmacology III – Practical	4	-	2
BP609P	Herbal Drug Technology – Practical	4	-	2
<b>Total</b>		<b>30</b>	<b>6</b>	<b>30</b>

**Table-VII: Course of study for semester VII**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP701T	Instrumental Methods of Analysis – Theory	3	1	4
BP702T	Industrial PharmacyII – Theory	3	1	4
BP703T	Pharmacy Practice – Theory	3	1	4
BP704T	Novel Drug Delivery System – Theory	3	1	4
BP705P	Instrumental Methods of Analysis – Practical	4	-	2
BP706PS	Practice School*	12	-	6
<b>Total</b>		<b>28</b>	<b>5</b>	<b>24</b>

\* Non University Examination (NUE)

**Table-VIII: Course of study for semester VIII**

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP801T	Biostatistics and Research Methodology	3	1	4
BP802T	Social and Preventive Pharmacy	3	1	4
BP803ET	Pharma Marketing Management	3 + 3 = 6	1 + 1 = 2	4 + 4 = 8
BP804ET	Pharmaceutical Regulatory Science			
BP805ET	Pharmacovigilance			
BP806ET	Quality Control and Standardization of Herbals			
BP807ET	Computer Aided Drug Design			
BP808ET	Cell and Molecular Biology			
BP809ET	Cosmetic Science			
BP810ET	Experimental Pharmacology			
BP811ET	Advanced Instrumentation Techniques			
BP812ET	Dietary Supplements and Nutraceuticals			
BP813PW	Project Work	12	-	6
<b>Total</b>		<b>24</b>	<b>4</b>	<b>22</b>

**Table-IX: Semester wise credits distribution**

Semester	Credit Points
I	27/29 <sup>§</sup> /30 <sup>#</sup>
II	29
III	26
IV	28
V	26
VI	26
VII	24
VIII	22
Extracurricular/ Co curricular activities	01*
<b>Total credit points for the program</b>	<b>209/211<sup>§</sup>/212<sup>#</sup></b>

\* The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the colleges and the same shall be submitted to the University. The criteria to acquire this credit point shall be defined by the colleges from time to time.

<sup>§</sup>Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics course.

<sup>#</sup>Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology course.

## **10. Program Committee**

1. The B. Pharm. program shall have a Program Committee constituted by the Head of the institution in consultation with all the Heads of the departments.

2. The composition of the Program Committee shall be as follows:

A senior teacher shall be the Chairperson; One Teacher from each department handling B.Pharm courses; and four student representatives of the program (one from each academic year), nominated by the Head of the institution.

3. Duties of the Program Committee:

- i. Periodically reviewing the progress of the classes.
- ii. Discussing the problems concerning curriculum, syllabus and the conduct of classes.
- iii. Discussing with the course teachers on the nature and scope of assessment for the course and the same shall be announced to the students at the beginning of respective semesters.
- iv. Communicating its recommendation to the Head of the institution on academic matters.
- v. The Program Committee shall meet at least thrice in a semester preferably at the end of each Sessionalexam (Internal Assessment) and before the end semester exam.

## **11. Examinations/Assessments**

The scheme for internal assessment and end semester examinations is given in Table – X.

### **11.1. End semester examinations**

The End Semester Examinations for each theory and practical coursethrough semesters I to VIII shall be conducted by the university except for the subjects with asterix symbol (\*) in table I and II for which examinations shall be conducted by the subject experts at college level and the marks/grades shall be submitted to the university.

**FACULTY OF ENGINEERING AND TECHNOLOGY**  
**ACADEMIC RULES AND REGULATIONS**  
**(REVISED)**

For four year  
**BACHELOR OF ENGINEERING & TECHNOLOGY**  
Degree Programme  
*(With effect from the academic year 2018-2019)*



**FACULTY OF ENGINEERING & TECHNOLOGY**  
Kakatiya University, Warangal - 506009

*Dr. J. S. Srinivasulu Reddy*

Telangana State  
BACHELOR OF ENGINEERING AND TECHNOLOGY  
(A Four Year Degree Programme)  
KAKATIYA UNIVERSITY, WARANGAL - 506 009, T.S

RULES AND REGULATIONS  
(With effect from the Academic year 2018-19)

CONTENTS	Page No.
1. ADMISSION	3
2. DURATION AND PROGRAMMES OF STUDY	3
3. ATTENDANCE	5
4. SCHEME OF INSTRUCTION AND EXAMINATION	6
5. RULES OF PROMOTION	10
6. GRADING SYSTEM	11
7. AWARD OF DEGREE	13
8. IMPROVEMENT OF OVERALL SCORE	14
9. GENERAL RULES OF EXAMINATIONS	14
10. TRANSITORY REGULATIONS	15

  2



# BACHELOR OF ENGINEERING AND TECHNOLOGY

(A Four Year Degree Programme)

KAKATIYA UNIVERSITY, WARANGAL, T.S

## RULES AND REGULATIONS

(With effect from the Academic year 2018 - 2019)

Note: All the Rules and Regulations, hereinafter specified shall be read as a whole for the purpose of interpretation

### 1. ADMISSION

1.1 A candidate for admission to the Four Year Degree Program in Engineering & Technology must have passed the Intermediate Examination of the Board of Intermediate Education, Government of Telangana with Mathematics, Physics and Chemistry as optional courses, or any other examination recognized by the Kakatiya University as equivalent thereto.

1.2 All the eligible applicants shall have to qualify at the common Entrance Examination. The candidates will be admitted strictly in accordance with the merit secured at the Entrance Examination (EAMCET) conducted by the state government of Telangana, keeping in view the Rules in force regarding the reservations of seats to various categories of candidates. The other rules regarding admission to various B.Tech programmes as in force from time to time are also applicable.

### 2 DURATION AND PROGRAM OF STUDY

2.1 The duration of the program is eight semesters (four years) I, II, III, IV, V, VI, VII and VIII semesters. Each academic year shall comprise of two semesters.

*[Handwritten signatures and dates in blue ink]*  
2.8<sup>3</sup>

Instructions --16 weeks

Preparation holidays (includes practical exams) -- 2 to 3 weeks

No admission / readmission / promotion is to be made after four weeks of the commencement of instruction.

In case there are any court cases consequent to which the authorities are compelled to admit any candidate after the announced last date of admissions, the admission (seat) of such a student would be reserved for the subsequent year on a supernumerary basis.

No refund of Tuition fee will be made after the commencement of instruction.

2.2 The following Bachelor of Engineering & Technology (B.Tech.) programs of study are offered in the Campus, Constituent and affiliated colleges under the Faculty of Engineering and Technology, Kakatiya University.

1. Civil Engineering
2. Mechanical Engineering
3. Electrical and Electronics Engineering
4. Electronics and Communication Engineering
5. Computer Science and Engineering
6. Electronics and Instrumentation Engineering
7. Mining Engineering
8. Information Technology

The schedule of study of all programs are regulated by the Faculty of Engineering and Technology, Kakatiya University

(Note: The details of college wise B.Tech. Programmes offered every academic year can be obtained from respective colleges.)

2.3 Candidate who fails to fulfill all the requirements the award of the degree as specified within 8 academic years from the time of admission, will forfeit

*[Handwritten signature in green ink]*

his/her seat in the program and his/her admission will stand cancelled automatically.

### 3. ATTENDANCE

3.1 Candidates admitted to a particular programme of study are required to pursue a "Regular programme of study" before they are permitted to appear for the University Examination.

3.2 "A regular programme of study" means putting in attendance of not less than 75%.

(The cumulative monthly attendance in each subject and the aggregate attendance shall be displayed on the respective department notice board)

3.3. a) In special cases and for sufficient cause shown, the Vice-Chancellor may on the specific recommendation of the Principal / Head of the Department, condone the deficiency in attendance to the extent of 10% on medical grounds subject to submission of medical certificate and payment of condonation fee.

b) However in respect of women candidates who seek condonation of attendance due to pregnancy, the Vice-Chancellor may condone the deficiency in attendance to the extent of 15% (as against 10% Condonation for others) on medical grounds subject to submission of medical certificate to this effect. Such condonation Permitted only once during the programme of study.

3.4 The prescribed fee for condonation of attendance on medical grounds shall be paid through Challan/Demand Draft drawn in favour of The Registrar, Kakatiya University, Warangal and payable at Warangal.

3.5 Attendance of N.C.C/N.S.S Camps or inter collegiate or inter University or Inter State or international matches or debates or Educational Excursions or such other inter University activities as approved by the authorities involving journeys outside the city in which the college is situated will not be counted as absence. However, such absence shall not exceed, four weeks in the total period

*Sanjay Kumar*  
*2.8*

of instructions. Such leave should not be availed twice during the programme of study.

3.6 The attendance shall be calculated on the aggregate attendance of all the courses offered during the semester and reckoned from the date of commencement of classes / date of readmission in case of detained candidates as per the almanac communicated by The Dean, Faculty of Engineering and Technology, Kakatiya University

3.7 In case of the candidates who fail to the required attendance in a program of study, he/she shall be detained in the same class and will not be permitted to appear for the University examination. Such candidates shall have to seek readmission into the same class during subsequent year in order to appear for the examination after fulfilling the attendance requirements and on payment of requisite tuition fee.

3.8. a) Candidates admitted to the first year through an entrance test and do not have the requisite attendance but have not less than 40% attendance can seek readmission without once again appearing for the entrance test

b) In respect of candidates of such programs where the admissions are governed through an entrance test, candidates of B.Tech. 1<sup>st</sup> Semester who do not have the minimum 40% attendance would lose their seat and they will have to seek admission afresh by appearing at the entrance test once again.

#### 4 SCHEME OF INSTRUCTION AND EXAMINATION

4.1 Instruction in the various courses in each semester of all the four years shall be provided by the Dean, Faculty of Engineering and Technology, Kakatiya University as per the Scheme of Instructions and Syllabi prescribed.



4.2 The distribution of marks for Continuous Internal Evaluation (CIE) and the Semester End Examination (SEE) shall be as follows:

Course	Continuous Internal Evaluation (CIE)	Semester End Examination (SEE)
Each theory Course	30**	70****
Each practical or drawing Course for which 2 periods/ week are provided in the Scheme of Instruction	25***	50
Each practical or drawing course for which 4 Periods / week are provided in the Scheme of Instruction	50***	50
Project	50#	100##

Note: Semester End Examination (SEE) means University Examination.

4.3 Based on combined marks (i.e. CIE + SEE) obtained by the candidate, Letter Grades are awarded and corresponding Grade Points are shown in the Table below:

Academic Performance	Letter Grade	Grade Points
90% and above	S	10
80% and above but less than 90%	A	09
70% and above but less than 80%	B	08
60 % and above but less than 70%	C	07
50 % and above but less than 60%	D	06
40 % and above but less than 50%	E	05
Below40%	F	0

4.4. \*\* Out of 30 Continuous Internal Evaluation (CIE) marks for Theory Course, 10 marks are allotted for Assignments /Quizzes etc. At least two Assignments/Quiz are to be conducted and best of two will be selected.

*Handwritten signatures and initials in green ink:*  
 [Signature] [Signature] [Signature] 7

The rest of the 20 marks are allotted for Two Internal Tests will be conducted in each semester. Each test will carry 20 marks, out of which 6 marks are for Part-A consisting of objective and short answer questions and 14 marks are for Part-B consisting of subjective questions. Best of two tests plus marks obtained in assignments/quizzes etc., will constitute the marks obtained by individual candidate under CIE.

4.5 \*\*\* Out of 25 or 50 CIE marks for Practical / Drawing course, 10 or 20 are allotted for viva-voce examination and 15 or 30 marks are awarded for class performance, record and observations.

4.6 \*\*\*\* The question paper for SEE will be in two parts, viz., Part-A and Part-B. Part-A (20 marks) is compulsory and it consist of 8 to 10 questions (short answer) covering the entire syllabus. Part-B (50 marks) consist of five questions (long answer) covering all the units of syllabus and should have choice for every question of A or B.

4.7 # Out of 50 marks under CIE, 25 marks are awarded by the Guide/Supervisor and remaining 25 marks are awarded by the subject expert/HOD and senior faculty committee constituted by the concerned Head of the Department

4.8 ## The evaluation of B.Tech project for maximum of 100 mark will be given as per guidelines given below:

i) 40 Marks are allocated for quality of the project work covering

- a. Literature-review,
- b. innovation / Originality
- c. Methodology and
- d. Relevance / Practical application

ii) 30 Marks are allocated to Report writing /Documentation.

iii) 30 Marks are allocated for candidates' performance in terms of his/her viva-voce examination/overall subject knowledge.

Note: A course which is evaluated based on CIE with no University Examination as per the scheme is treated as Pass when the candidate obtains 50% in CIE.



4.9 The details of instruction period, examination schedule, vacation etc. shall be notified by the Dean, Faculty of Engineering and Technology, Kakatiya University.

4.10 The medium of instruction and examination shall be in English.

4.11 At the end of each semester, Semester End Examination shall be conducted as prescribed in the respective Schemes of Examination. The examinations pertaining to the semester conducted immediately after the semester is termed as Main Examination and the examinations pertaining to the other semesters conducted thereafter will be called as Supplementary Examinations.

4.12 To enable the B.Tech. Final Year students to complete the program requirements in time, there shall be a Make-up Exam, for VIII semester only, which will be scheduled within one month after publication of results of VIII semester (SEE) Main Examinations

4.13. All the examinations in Theory Course shall be conducted as written examination for duration as prescribed in the Scheme of Examination. The examination in Laboratory Courses shall be conducted as written and oral together by carrying out the experiments as required in the specific Laboratory Course for the specified duration. Laboratory record of experiments conducted during semester is also required to be produced at the semester end examination. For the Project work (mini or major), the related document (report) is to be produced at the time of oral examination.

4.14 All the general rules for examinations (given under 9) shall be adhered to.

4.15 A candidate shall be deemed to have fully passed a course (Theory/Practical), if he/she secures not less than the minimum marks/grade as prescribed. Minimum pass marks / grade in the University Examinations (SEE) plus CIE (add together) shall be.

- |   |               |
|---|---------------|
| i) Each Theory Subject:                               | 40% - E Grade |
| ii) Each Practical Course and Project:                | 50% - D Grade |
| iii) Drawing Course treated as practical /Lab course: | 50% - D Grade |

*[Handwritten signatures in blue ink]*

**Important Note:** The candidate has to appear at the Semester End Examination (SEE) in all the Practical/Laboratory / Drawing Courses compulsorily irrespective of marks secured under CIE

4.16. If a candidate in any semester examination of the program fails to secure the minimum marks/grade in any subject then he/she shall have to appear only in the failed course of the semester.

### 5. RULES OF PROMOTION:

Rules of Promotion are as shown in the below table:

S. No.	Semester / Class	Conditions to be fulfilled for Promotion
1.	From I Semester to II - Semester	Regular program of study of B.Tech. I - Semester and registration* for the I - Semester Examination
2	From II Semester to III - Semester	a) Regular program of study of B.Tech. II - Semester. b) Must have earned at least 50% of credits prescribed for B.Tech. I - Semester & II - Semester put together.
3	From III Semester to IV - Semester	Regular program of study of B.Tech. III - Semester and registration* for the III - Semester Examination.
4	From IV Semester to V - Semester	a) Regular program of study of B.Tech. IV - Semester b) No. of backlog credits, if any of B.Tech. I, II, III and IV Semesters put together shall not exceed 50% of the total No. of credits prescribed.
5	From V Semester to VI Semester	Regular program of study of B.Tech. V - Semester and registration* for the V - Semester Examination
6	From VI Semester to VII Semester	a) Regular program of study of B.Tech. VI - Semester. b) No. of backlog credits, if any of B.Tech. I to VI Semesters put together shall not exceed 50% of the total No. of credits prescribed
7	From VII Semester to VIII Semester	Regular program of study of B.Tech. VII - Semester and registration* for the VII - Semester Examination

10

*[Handwritten signature]*



Note: \* Registration means obtaining a Hall ticket for the said examination

1. If a candidate has more than permitted number of credits as backlogs, he/she will be detained. The candidate who wishes to take readmission into the year in which he/she is detained has to pay the total tuition fee of that year and all the credits earned during that year shall become null and void
2. If the number of credits permitted as backlogs is not a whole number, the credits are rounded to next higher digit/whole number.

## 6. GRADING SYSTEM:

- 6.1 Candidates who have passed all the examinations of the B.Tech. Degree Program shall be awarded Division in accordance with the grades secured by them in all eight Semesters taken together, including the CIE marks secured in those semesters.

The Grade secured by the candidate will be shown in the Memorandum of Marks as per his/her performance both in SEE and CIE together and as per the norms indicated in clause 4.3.

A minimum Cumulative Grade Point Average (CGPA) of 5 is required for the award of Degree. The consolidated memorandum of marks will reflect the Credits & Grade obtained by the candidates in all the course of B.Tech. Programme

- 6.2 Semester Grade Point Average (SGPA) & Cumulative Grade Point Average (CGPA) Calculations:

a)  $SGPA = \frac{\sum(\text{Letter Grade Point} \times \text{Credits})}{\sum \text{Credits}}$

- SGPA is calculated up to second decimal point
- SGPA is calculated only when all subjects in that semester are Cleared / Passed

*Handwritten signatures and date:*  
11  
July 1.8

Illustration of calculation of SGPA

Course/Subject	Credits	Letter Grade	Grade Points	Credit Points
Course 1	4	B	8	4 x 8 = 32
Course 2	4	S	10	4x10=40
Course 3	4	E	5	4x5=20
Course 4	3	D	6	3x6=18
Course 5	3	A	9	3x9=27
Course 6	3	E	5	3x5=15
	21			152

$$SGPA = 152/21 = 7.24$$

b)  $CGPA = \frac{\sum[(SGPA) \times (Total Credits)]}{\sum Total Credits}$

- CGPA at a given point of Semester calculated up to second decimal point
- CGPA is calculated only when total credits earned are equal to total credits prescribed per scheme up to a semester in which the candidate has last appeared for Semester End Examination (SEE).

Illustration of calculation of CGPA up to 3rd semester

Semester	Course/Subject Title	Credits Allotted	Letter Grade Secured	Corresponding Grade Point (GP)	Credit Points (CP)
I	Course 1	3	B	8	24
I	Course 2	3	S	10	30
I	Course 3	3	D	6	18
I	Course 4	4	B	8	32
I	Course 5	3	A	9	27
I	Course 6	4	E	5	20
II	Course 7	4	D	6	24

*Handwritten signature in green ink: Suresh Kumar Singh*

II	Course 8	4	B	8	32
II	Course 9	3	E	5	15
II	Course 10	3	S	10	30
II	Course 11	3	C	7	21
II	Course 12	4	D	6	24
II	Course 13	4	B	8	32
II	Course 14	3	S	10	30
III	Course 15	2	B	8	16
III	Course 16	1	E	5	5
III	Course 17	4	S	10	40
III	Course 18	3	C	7	21
III	Course 19	4	D	6	24
III	Course 20	4	B	8	32
III	Course 21	3	C	7	21
	Total Credits	69		Total Credit Points	518

$$CGPA = 518/69 = 7.51$$

### 7. AWARD OF DEGREE:

The degree of Bachelor of Engineering will be conferred on candidate who has pursued a regular program of study of four academic years as here in after prescribed in the Scheme of Instruction and has passed all the examinations as prescribed in the Scheme of Examinations.

#### 7.1 AWARD OF DIVISION:

- CGPA 7.5 and above First Class with Distinction
- CGPA 6.5 and above but less than 7.5 First Class
- CGPA 5.5 and above but less Than 6.5 Second Class
- CGPA 5.0 and above but less than 5.5 Pass Class

#### 7.2 AWARD OF GOLD MEDAL:

A student securing highest CGPA in single attempt is eligible for award of Gold Medal.

*[Handwritten signature in blue ink]*

## 8. IMPROVEMENT OF OVERALL SCORE:

- 8.1 A candidate who wishes to improve his/her Overall score may do so within one academic year immediately after having passed all the examinations of the B.Tech. degree program, by reappearing at not more than two semesters (all subjects pertaining to the semester taken together) examinations. For the award of the Overall score, he/she will have the benefit of the higher of the two aggregates of marks / grades secured in the corresponding semester(s).
- 8.2 In case of candidates who have secured CGPA less than 5 may appear for improvement in individual subjects to become eligible for the award of Degree within one year from the date of completion of VIII - Semester

## 9 GENERAL RULES OF EXAMINATIONS:

- 9.1 Application for permission to appear at every examination shall be made on the prescribed form, accompanied by three passport size full face photographs (not profile) which along with the necessary certificates regarding attendance, practical work etc., and the prescribed fee, should be sent to the Controller of Examination; (COE) K.U through HOD and the Principal of the College where candidate is enrolled as a regular student
- 9.2 When a candidate's application is found in order and he/she is eligible to appear at an Examination, the COE, K.U. shall furnish him with a Hall Ticket, enabling the candidate to appear in the Examination, and this Hall-Ticket shall have to be produced by the Candidate before he/she is admitted to the premises where the Examination is conducted.
- 9.3 A Candidate who does not present himself/herself for the examination for any reason whatsoever, excepting shortage of attendance, shall not be entitled to claim refund of whole or part of the examination fee for subsequent Examination(s).
- 9.4 A candidate after he/she has been declared successful in the whole examination, shall be given a Provisional Certificate indicating the year of examination, the programme in which he/she was examined and, the overall Grade (CGPA) secured. However, the candidates have to obtain Degree Certificate (convocation) from the University Examination branch as per the notification issued by it.

*[Handwritten signature in blue ink]*

9.5 No candidate shall be allowed to put in attendance for multiple programme and appear at examinations for the same simultaneously.

9.6 Students who have appeared once at any examination of the program need not put in fresh attendance, if they wish to reappear at the corresponding examination, notwithstanding the fact that the University may have introduced new courses. They will, however, have to appear at the examinations according to the scheme of examination and syllabi in force.

9.7 All the Principals or representatives of all engineering colleges must submit the answer scripts of CIE (Continuous International Evaluation)/Mid Examinations to the Controller of Examination

#### 10. TRANSITORY REGULATIONS:

Whenever a Course or Scheme of Instruction is revised / modified in a particular semester/year, two more examinations immediately following thereafter shall be conducted according to the old syllabus/regulations. Candidates not appearing at the examinations or failing in them shall take the examination subsequently according to the revised syllabus and regulations.

For any clarifications/suggestions on regulations, mail to

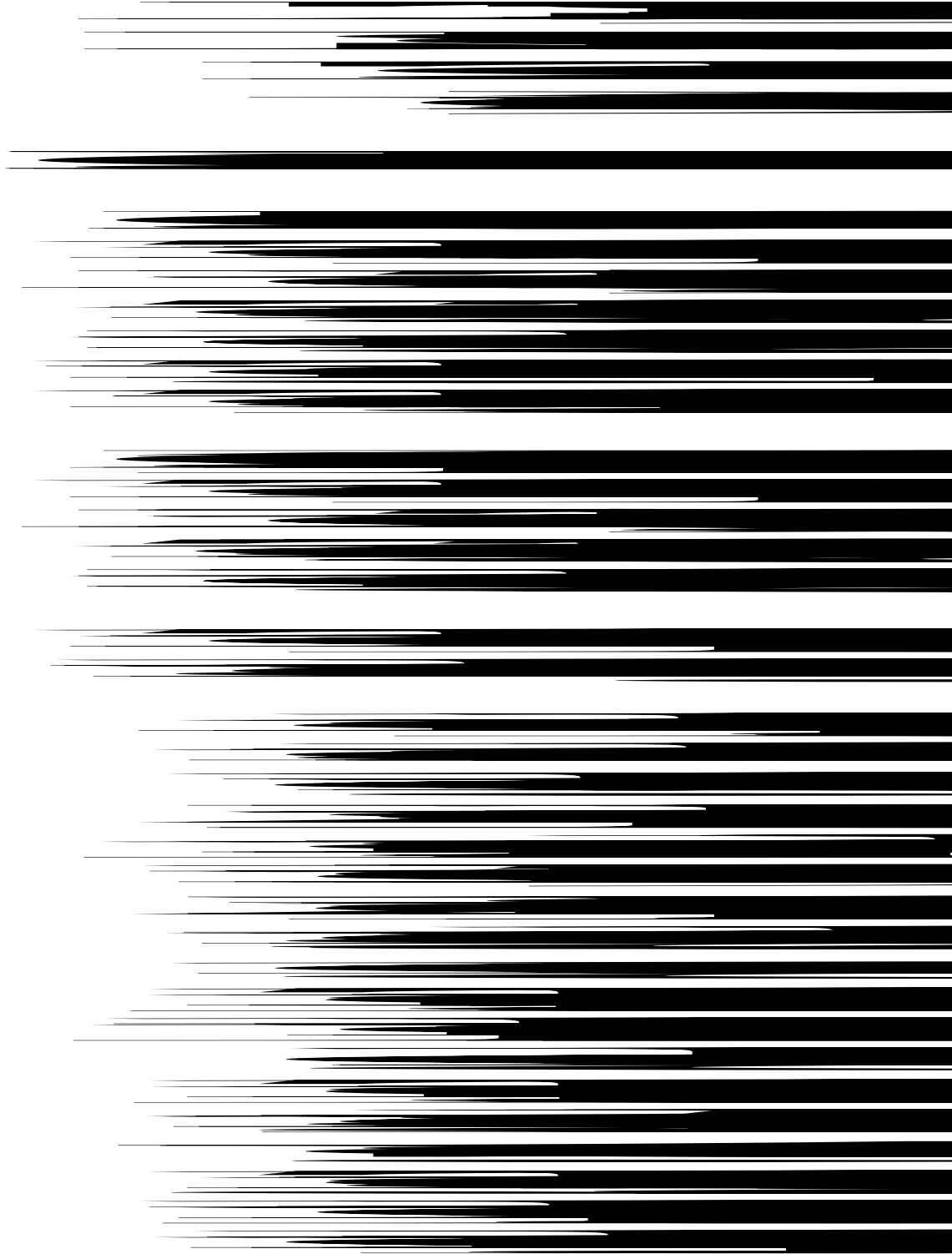
Dean, Faculty of Engineering and Technology  
Kakatiya University, Warangal-506009  
Email: dean.foet@kakatiya.ac.in

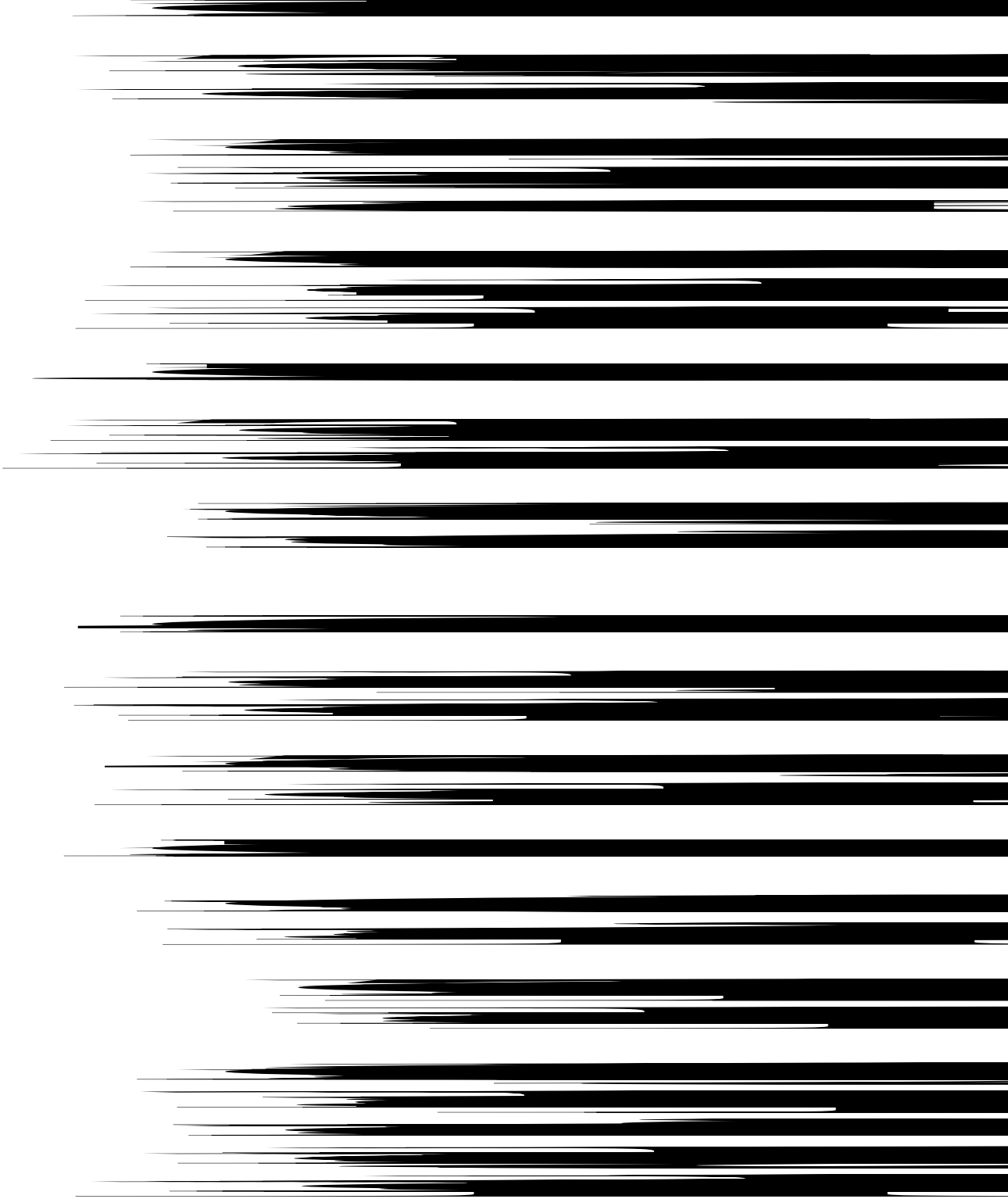
*Srinivasulu Reddy*  
28/10/20

Post-Graduate programme  
**M.Tech.(Digital Communications)**

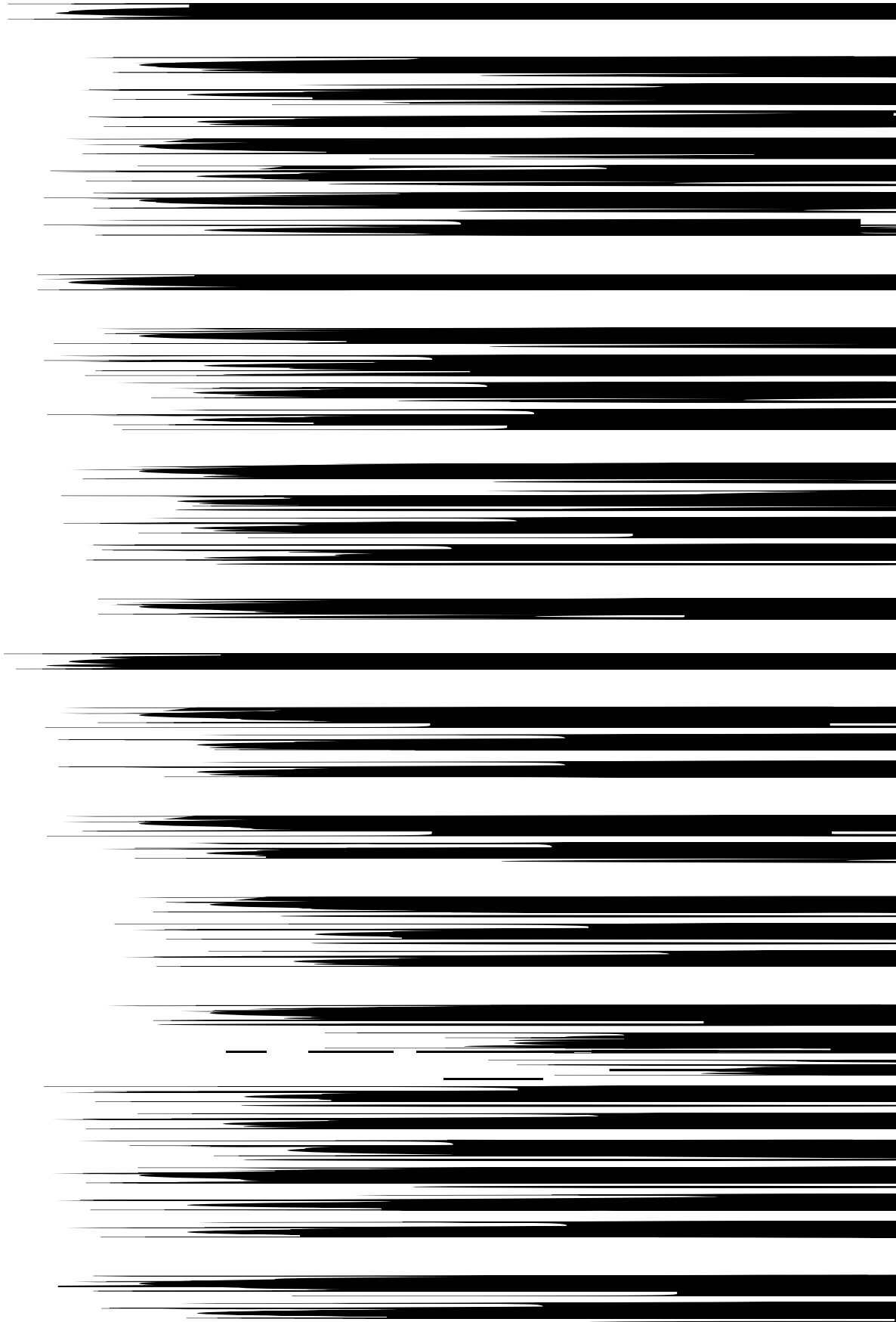
Rules, Regulations, Scheme of Instruction & Evaluation and Syllabi  
with effect from  
**2010-2011**

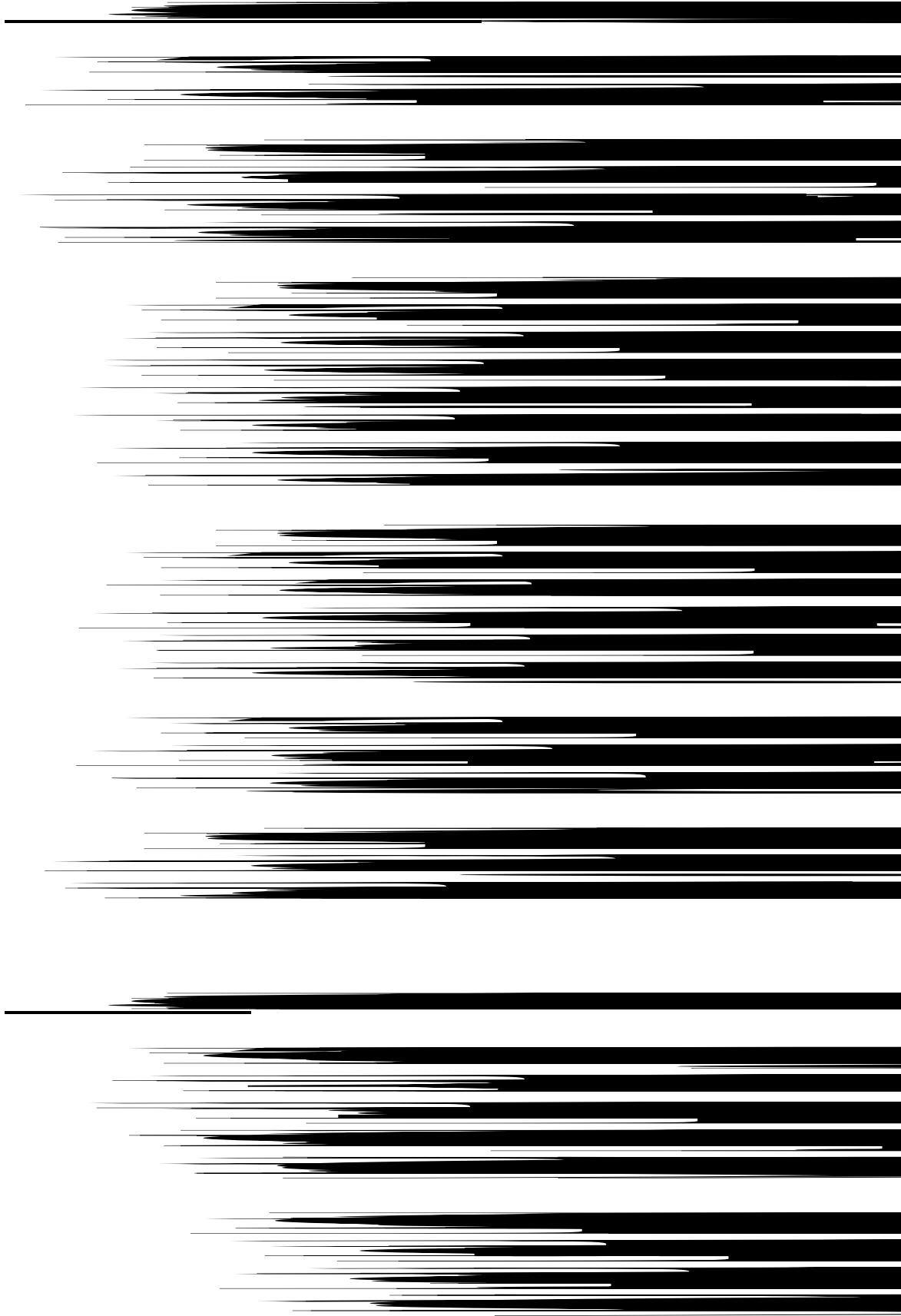
**BOARD OF STUDIES**  
IN  
ELECTRONICS & INSTRUMENTATION ENGINEERING  
KAKATIYA UNIVERSITY  
WARANGAL-506009  
July, 2010











[REDACTED]

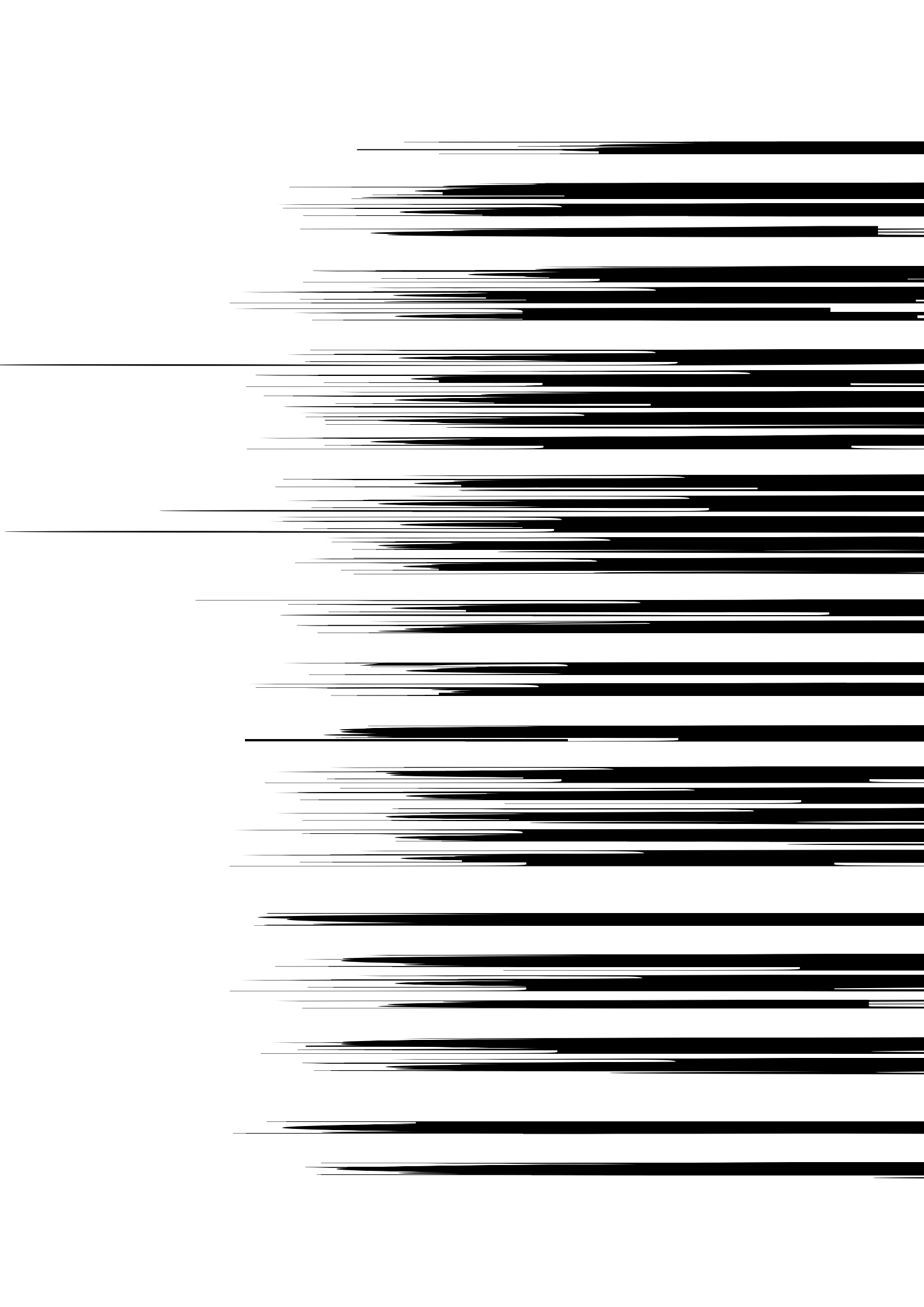
[REDACTED]

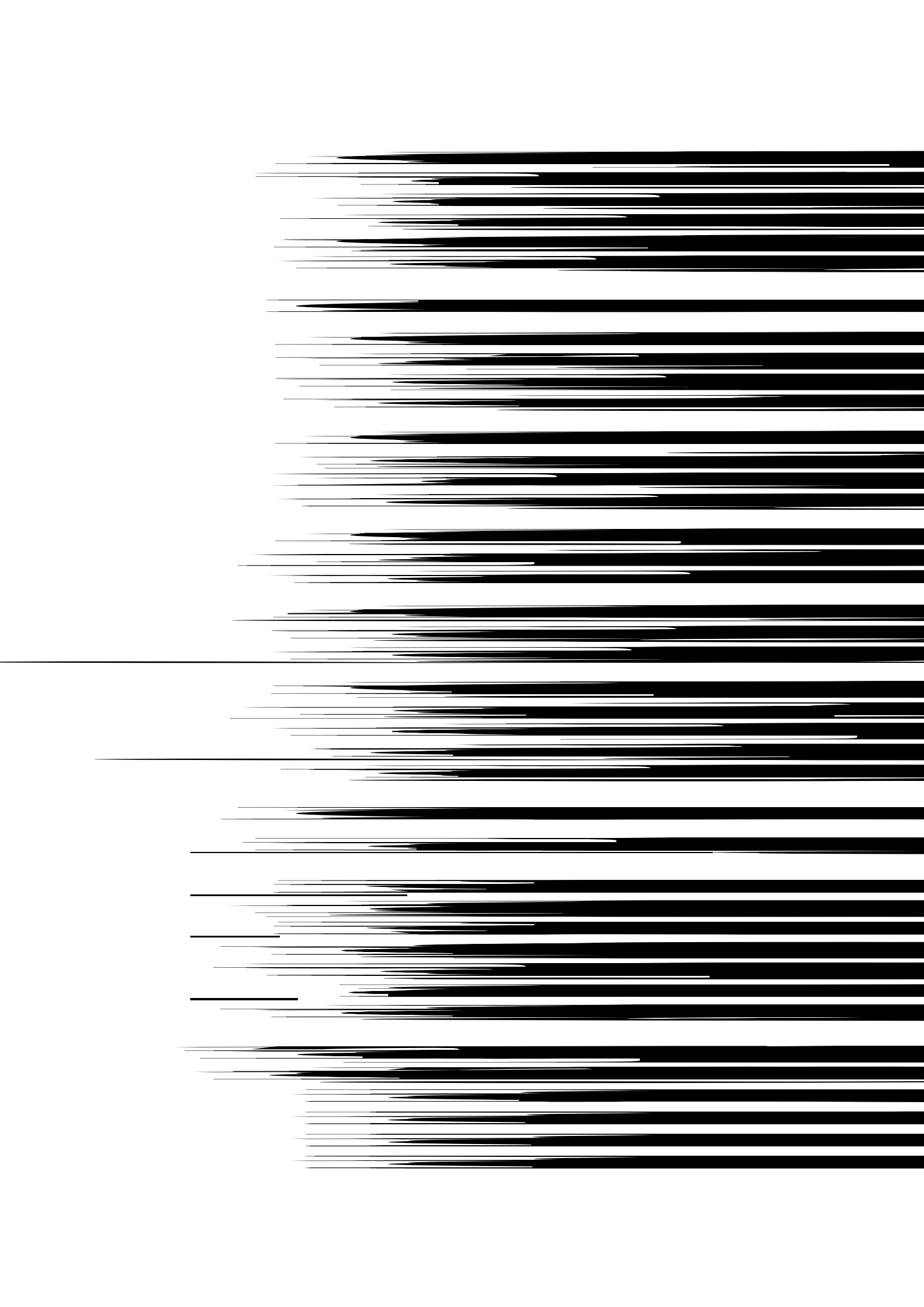
[REDACTED]

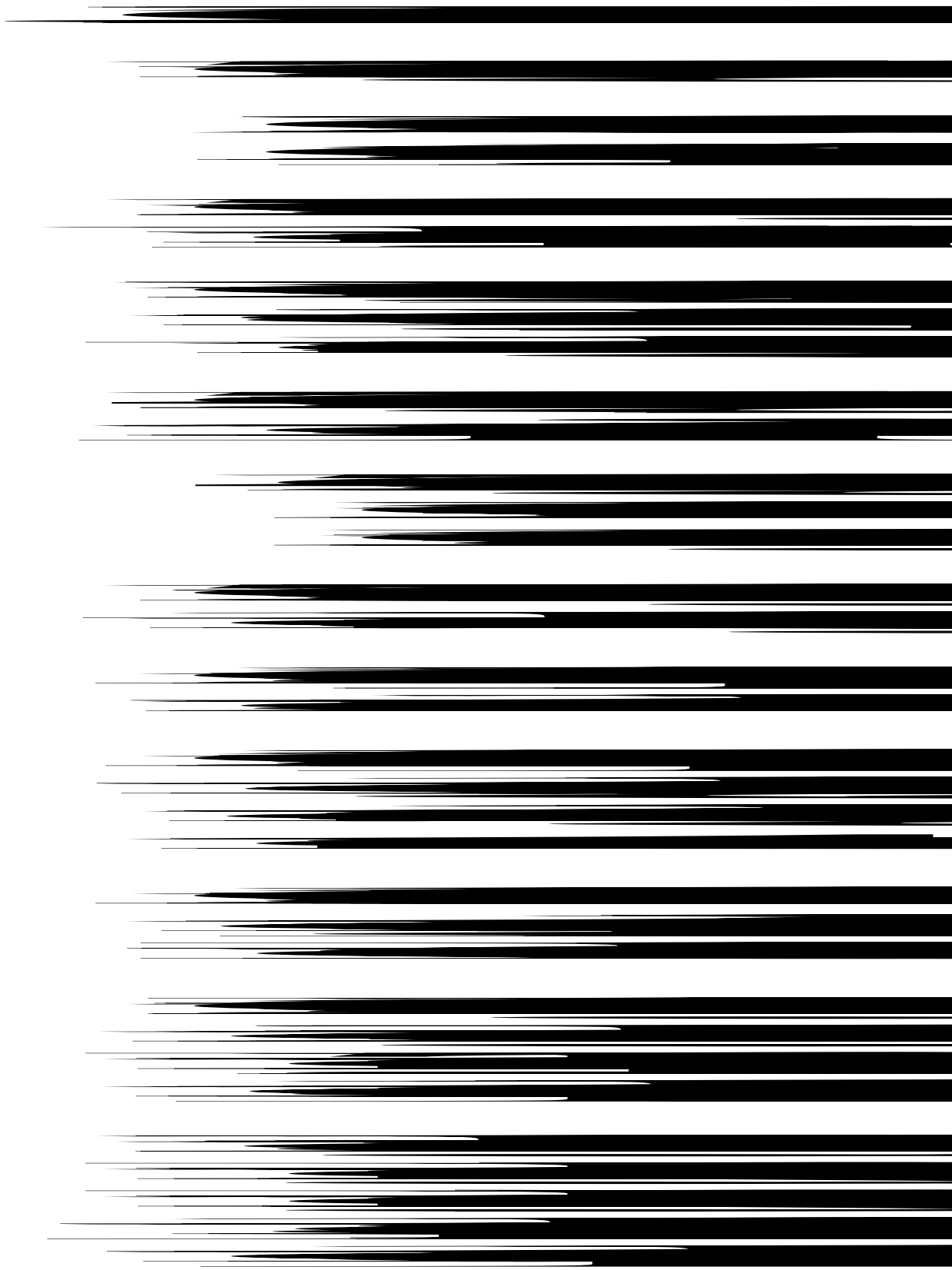
st

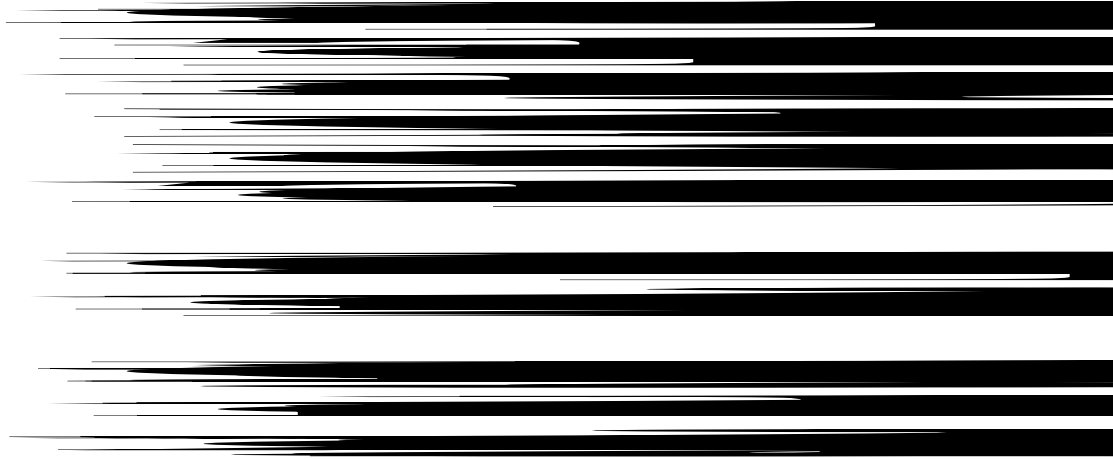
nd

st db









\_\_\_\_\_

**KAKATIYA UNIVERSITY**  
**WARANGAL (TS) – 506009**



**MASTER OF EDUCATION**  
**(M. Ed - Regular)**  
**(Choice Based Credit System)**

**Syllabus, Rules & Regulations, Scheme of Examinations**  
**for Two year M. Ed.(Regular) Programme – Semester**  
**System (w.e.f.2015-2016 onwards)**

**FACULTY OF EDUCATION**  
**KAKATIYA UNIVERSITY**  
**WARANGAL (TS) – 506009**  
**[www. kakatiya.ac.in.](http://www.kakatiya.ac.in)**



**KAKATIYA UNIVERSITY**  
**M.ED. (Master of Education) CBCS**

**RULES & REGULATIONS**

These Regulations shall come into force from the Academic Year 2015 -2016 for M.Ed. (Choice Based Credit System)

1) **Definitions:**

In these Regulations, unless the context otherwise requires:

- a) **“University”** means Kakatiya University
- b) **“Post Graduate programmes”** means master’s degree courses in the Faculty of Education.
- c) **“Student”** means student admitted to Post Graduate programmes under these Regulations
- d) **“Degree”** means Post Graduate Degree
- e) **“Board of Studies”** means PG Board of Studies of the University in the discipline/subjects concerned
- f) **“Academic Senate”** means Academic Senate of Kakatiya University
- g) **“Fee”** means the fee prescribed by the University for the Post Graduate programmes from time to time
- h) **“Credit”** is a unit of academic input measured in terms of the weekly contact hours assigned to a course in a semester.
- i) **Grade letter** is an index to indicate the performance of a student in a particular course (Paper). It is the transformation of actual marks secured by a student in a course/ paper. Grade letters are O, A+, A, B+, B, C, P,F.
- j) **Grade Point** is the weightage allotted to each grade letter depending on the range of marks awarded in a course/paper.
- k) **Credit Points** refer to the product of No. of credits multiplied by the Grade Point for a given course/paper
- l) **Semester Grade Point Average (SGPA)** refers to the performance of the student in a given semester. SGPA is based on the total credit points earned by the student in all the courses and the total number of credits assigned to the courses/papers in a Semester.
- m) **Cumulative Grade Point Average (CGPA)** refers to the Cumulative Grade Point Average weighted across all the semesters (4 semesters).

All the rules and regulations, herein after, specified shall be read as a whole for the purpose of interpretation.

## 2) Admission

A candidate for admission to M.Ed. course in the Faculty of Education has to qualify at the M.Ed. Entrance Examination conducted by the Kakatiya University for that academic year. The candidates will be admitted strictly in accordance with the merit secured at the entrance examination, keeping in view the rules in force in respect of the statutory reservation of seats under various categories of candidates.

## 3) Duration

The duration of M.Ed. course shall be **Two Years (Four Semesters)**. The duration of each semester shall be 100 days (16 weeks).

## 4) Rules of Attendance

- a) The degree of Master of Education shall be conferred on a candidate who, after getting admission into the M.Ed. course as specified above, has pursued a “Regular Course of Study” as herein prescribed and fulfilled the conditions laid-down for the attendance of students and passed the prescribed teaching examination both in theory and practical.
- b) A regular course of study in Kakatiya University means attendance not less than 80% in teaching / instructional period and 90% of attendance during the period of tests, seminars and practicum etc, of the M.Ed. Programme. In special cases, the Vice- Chancellor may condone deficiency of attendance not exceeding 10% on the recommendation of the Principal / HOD, College of Education based on medical certificate by an authorized Medical Officer under Government service not below the rank of a Physician.
- c) Bio-metric attendance for **teachers and students** is compulsory from the academic year 2015-16 for the colleges of Education under Kakatiya University jurisdictional Area. Attendance of students should be maintained subject-wise with running numbers i.e. 1,2,3,4,...for all working days. The submission of Hard & Soft copies of the teachers and students attendance should be submitted on or before 5<sup>th</sup> of every month to the Chairperson, BOS in Education and Dean, Faculty of Education, KU.
- d) For the students who are continuously absent for ten days or more, three notices will be served stating that he/she has to forfeit his/her seat, if he/she fails to report to the college immediately.
- e) The students who do not have adequate attendance i.e., 80% in each paper of instruction and 90% of attendance during the period of period of tests, seminars and practicum etc, are not eligible for university examination or for the award of any scholarship or any kind of financial aid by the colleges or any other government or quasi-government agency.

- f) The students who fail to maintain 40% to 70% of attendance are not eligible for seeking re-admission as per KU rules in vogue.
- g) Attendance shall be reckoned from the date of admission to the course in Kakatiya University.
- h) A student who does not satisfy the requirements of attendance shall not be permitted to take internal assessment as well as the Semester End Examinations.
- i) If a student represents his/her institution, University, State or Nation in Sports, NCC, NSS or Cultural or any other officially sponsored activities, he/she shall be eligible to claim the attendance for the actual number of days participated subject to a maximum of 20 days in a Semester based on the specific recommendations of the HOD and Principal of the College of Education concerned.

#### **5) Medium of Instruction**

The medium of instruction shall be **English only**.

#### **6) Infrastructure, Instructional Facilities and Faculty**

The above shall be implemented as per NCTE norms, 2014 referred in the document under sections 6.1 Faculty; 6.2 Qualifications; 6.3 Administrative and professional staff; 7.1 Infrastructure; 7.2 Equipment and Materials, and 7.3 other amenities.

#### **7) Website of the Colleges**

Every College has to maintain their own College website along with the details of the faculty with photos and the fee details for students as per the NCTE Guidelines.

#### **8) Moderation Board**

The Moderation board is required to maintain standards and uniformity in evaluation of internal assessment among the M.Ed. Colleges at the end of each semester. The Chairperson, Board of Studies (BOS) in Education will constitute the moderation board.

## 9) Structure and Scheme of Instruction – M.Ed. (CBCS) – 2015-16

### **SEMESTER-I (Theory)**

Course Code	Paper	Paper Title	Instructional Weeks (16) or 100 days	Hours per Week	Total Hours
EDN-01	Paper-I	Philosophical Perspectives of Education	16	6	96
EDN-02	Paper-II	Psychology of Learning and Development	16	6	96
EDN-03	Paper-III	Methodology of Educational Research	16	6	96
EDN-04	Paper-IV	Teacher Education Perspectives, Research and Issues	16	6	96
<b>Sub-Total(Theory)</b>			<b>64</b>	<b>24</b>	<b>384</b>
<b>SEMESTER-I (Practicum)</b>					
EDN-05	Paper-V	Communication Skills In English	12	6	72
EDN-06	Paper-VI	Psychological Testing	12	6	72
EDN-07	Paper-VII	Self-Development and Professionalism	12	6	72
<b>Sub-Total( Practicum )</b>			<b>36</b>	<b>18</b>	<b>216</b>
<b>Total(Theory+ Practicum)</b>			<b>100</b>		<b>600</b>

### **SEMESTER-II (Theory)**

Course Code	Paper	Paper Title	Instructional Weeks (16) or 100 days	Hours per Week	Total Hours
EDN-08	Paper-VIII	Sociological Perspectives of Education	16	6	96
EDN-09	Paper-IX	Inclusive Education at Elementary & Secondary level	16	6	96
EDN-10	Paper-X	Educational measurement and Evaluation	16	6	96
EDN-11	Paper-XI	Pre-service & In-service Teacher Education	16	6	96
<b>Sub-Total(Theory)</b>			<b>64</b>	<b>24</b>	<b>384</b>
<b>SEMESTER-II (Practicum)</b>					
EDN-12(a)	Paper-XII(a)	Dissertation-I : (Research Proposal & Tool Designing)	12	6	72
EDN-13(a)	Paper-XIII(a)	Internship-I : (Teacher Education Institutions & Field-Work)	24	6	144
<b>Sub-Total( Practicum )</b>			<b>36</b>	<b>12</b>	<b>216</b>
<b>Total(Theory+ Practicum)</b>			<b>100</b>		<b>600</b>

### **SEMESTER- III (Theory)**

Course Code	Paper	Paper Title	Instructional Weeks (16) or 100 days	Hours per Week	Total Hours
EDN-14	Paper-XIV	Curriculum Development	16	6	96
EDN-15	Paper-XV	Statistical Methods & Data Processing	16	6	96
EDN-16	Paper-XVI	Education Technology & ICT	16	6	96
<b>Specialization:- (Electives) any one of the following</b>					
EDN-17(a) (or)	Paper-XVII(a) (or)	Elementary Teacher Education (or)	16	6	96
EDN-17(b)	Paper-XVII(b)	Secondary Teacher Education			
<b>Sub-Total(Theory)</b>			<b>64</b>	<b>24</b>	<b>384</b>
<b>SEMESTER-III (Practicum)</b>					
EDN-12(b)	Paper-XII(b)	Dissertation-II : (Administration of Tools & Collection of Data)	12	6	72
EDN-13(b)	Paper-XIII(b)	Internship-II : ( Supervision of Teaching Practice)	12	6	72
EDN-18	Paper-XVIII	Academic writing	12	6	72
<b>Sub-Total( Practicum )</b>			<b>36</b>	<b>18</b>	<b>216</b>
<b>Total(Theory+ Practicum)</b>			<b>100</b>		<b>600</b>

- Note:** (1) If the candidates who opt Edn-17(a) in semester-III have to opt EDN-21(a), EDN-22(a), and EDN-23(a) compulsorily.  
 (2) If the candidates who opt Edn-17(b) in semester-III have to opt EDN 21(b), EDN-22(b), and EDN-23(b) compulsorily.

**SEMESTER- IV (Theory)**

Course Code	Paper	Paper Title	Instructional Weeks (16 or 100 days)	Hours per Week	Total Hours
EDN-19	Paper-XIX	Educational Management and Leadership	16	6	96
EDN-20	Paper-XX	Environmental Education: Issues & Concerns	12	4	48
<b>Sub-Total</b>			<b>28</b>	<b>10</b>	<b>144</b>
<b>Core Specialization-: (Electives)</b>					
EDN-21(a)	Paper-XXI(a)	Elementary Education in India –Status, issues and concerns	16	6	96
EDN-22(a)	Paper-XXII(a)	Curriculum &ICT in Education at Elementary level	16	6	96
EDN-23(a)	Paper-XXIII(a)	Assessment in Education at Elementary level	12	4	48
<b>Sub-Total – EDN21(a)</b>			<b>44</b>	<b>16</b>	<b>240</b>
OR			OR		
EDN-21(b)	Paper-XXI(b)	Secondary Education in India –Status, issues and concerns	16	6	96
EDN-22(b)	Paper-XXII(b)	Curriculum &ICT in Education at Secondary level	16	6	96
EDN-23(b)	Paper-XXIII(b)	Assessment in Education at Secondary level	12	4	48
<b>Sub-Total – EDN21(b)</b>			<b>44</b>	<b>16</b>	<b>240</b>
<b>Sub-Total(Theory)</b>			<b>72</b>	<b>26</b>	<b>384</b>
<b>SEMESTER- IV (Practicum)</b>					
EDN-12(c)	Paper-XII(c)	Dissertation- III: Pre-submission Seminar	28		216
EDN-12(d)	Paper-XII(d)	Dissertation-IV: Assessment & Viva-Voce			
<b>Sub-Total( Practicum )</b>			<b>28</b>		<b>216</b>
<b>Total(Theory+ Practicum)</b>			<b>100</b>		<b>600</b>

- Note:** (1) The candidates who have opted EDN-17(a) in Semester-III should opt EDN-21(a), EDN-22(a), and EDN-23(a) in Semester-IV  
(2) The candidates who have opted EDN-17(b) in Semester-III should opt EDN-21(b), EDN-22(b), and EDN-23(b) in Semester-IV

	<i>Theory</i>	<i>Practicum</i>	<i>Total</i>
Semester-I	384	216	600
Semester-II	384	216	600
Semester-III	384	216	600
Semester-IV	384	216	600
<b>Grand Total</b>	<b>1536</b>	<b>864</b>	<b>2400</b>

### 10) Credits and Marks of the Course –M.Ed. (CBCS)-2015-16

#### SEMESTER-I (Theory)

Course Code	Paper	Paper Title	Credits	Field Engagement	Total	University Exam	Internal Exam	Total
EDN-01	Paper-I	Philosophical Perspectives of Education	4	1	5	70	30	100
EDN-02	Paper-II	Psychology of Learning and Development	4	1	5	70	30	100
EDN-03	Paper-III	Methodology of Educational Research	4	1	5	70	30	100
EDN-04	Paper-IV	Teacher Education Perspectives, Research and Issues	4	1	5	70	30	100
<b>Sub-Total(Theory)</b>			<b>16</b>	<b>4</b>	<b>20</b>	<b>280</b>	<b>120</b>	<b>400</b>
<b><u>SEMESTER-I (Practicum)</u></b>								
EDN-05	Paper-V	Communication Skills In English		2	2	35	15	50
EDN-06	Paper-VI	Psychological Testing		2	2	35	15	50
EDN-07	Paper-VII	Self-Development and Professionalism		2	2	35	15	50
<b>Sub-Total ( Practicum )</b>				<b>6</b>	<b>6</b>	<b>105</b>	<b>45</b>	<b>150</b>
<b>Total (Theory+ Practicum)</b>			<b>16</b>	<b>10</b>	<b>26</b>	<b>385</b>	<b>165</b>	<b>550</b>

#### SEMESTER-II (Theory)

Course Code	Paper	Paper Title	Credits	Field Engagement	Total	University Exam	Internal Exam	Total
EDN-08	Paper-VIII	Sociological Perspectives of Education	4	1	5	70	30	100
EDN-09	Paper-IX	Inclusive Education at <b>Elementary &amp; Secondary</b> level	4	1	5	70	30	100
EDN-10	Paper-X	Educational measurement and Evaluation	4	1	5	70	30	100
EDN-11	Paper-XI	Pre-service & In-service Teacher Education	4	1	5	70	30	100
<b>Sub-Total (Theory)</b>			<b>16</b>	<b>4</b>	<b>20</b>	<b>280</b>	<b>120</b>	<b>400</b>
<b><u>SEMESTER-II (Practicum)</u></b>								
EDN-12(a)	Paper-XII(a)	Dissertation-I : (Research Proposal & Tool Designing)		2	2	35	15	50
EDN-13(a)	Paper-XIII(a)	Internship-I : (Teacher Education Institutions & Field-Work)		4	4	70	30	100
<b>Sub-Total( Practicum )</b>				<b>6</b>	<b>6</b>	<b>105</b>	<b>45</b>	<b>150</b>
<b>Total (Theory+ Practicum)</b>			<b>16</b>	<b>10</b>	<b>26</b>	<b>385</b>	<b>165</b>	<b>550</b>

**SEMESTER-III (Theory)**

Course Code	Paper	Paper Title	Credits	F.E	Total	U.E	I.E	Total
EDN-14	Paper-XIV	Curriculum Development	4	1	5	70	30	100
EDN-15	Paper-XV	Statistical Methods & Data Processing	4	1	5	70	30	100
EDN-16	Paper-XVI	Education Technology & ICT	4	1	5	70	30	100
<b>Specialization:- (Electives) any one of the following</b>								
EDN-17(a) (or)	Paper-XVII(a) (or)	Elementary Teacher Education (or)	4	1	5	70	30	100
EDN-17(b)	Paper-XVII(b)	Secondary Teacher Education						
<b>Sub-Total(Theory)</b>			<b>16</b>	<b>4</b>	<b>20</b>	<b>280</b>	<b>120</b>	<b>400</b>
<b>SEMESTER-III (Practicum)</b>								
EDN-12(b)	Paper-XII(b)	Dissertation-II : (Administration of Tools & Collection of Data)		2	2	35	15	50
EDN-13(b)	Paper-XIII(b)	Internship-II : ( Supervision of Teaching Practice)		2	2	35	15	50
EDN-18	Paper-XVIII	Academic writing		2	2	35	15	50
<b>Sub-Total( Practicum )</b>				<b>6</b>	<b>6</b>	<b>105</b>	<b>45</b>	<b>150</b>
<b>Total(Theory+ Practicum)</b>			<b>16</b>	<b>10</b>	<b>26</b>	<b>385</b>	<b>165</b>	<b>550</b>

**SEMESTER-IV (Theory)**

Course Code	Paper	Paper Title	Credits	F.E	Total	U.E	I.E	Total
EDN-19	Paper-XIX	Educational Management and Leadership	4	1	5	70	30	100
EDN-20	Paper-XX	Environmental Education: Issues & Concerns	2	1	3	35	15	50
<b>Sub-Total</b>			<b>6</b>	<b>2</b>	<b>8</b>	<b>105</b>	<b>45</b>	<b>150</b>
<b>Core Specialization:- (Electives)</b>								
EDN-21(a)	Paper-XXI(a)	Elementary Education in India –Status, issues and concerns	4	1	5	70	30	100
EDN-22(a)	Paper-XXII(a)	Curriculum &ICT in Education at Elementary level	4	1	5	70	30	100
EDN-23(a)	Paper-XXIII(a)	Assessment in Education at Elementary level	2	1	3	35	15	50
<b>Sub-Total – EDN21(a)</b>			<b>10</b>	<b>3</b>	<b>13</b>	<b>175</b>	<b>75</b>	<b>250</b>
OR				OR				
EDN-21(b)	Paper-XXI(b)	Secondary Education in India –Status, issues and concerns	4	1	5	70	30	100
EDN-22(b)	Paper-XXII(b)	Curriculum &ICT in Education at Secondary level	4	1	5	70	30	100
EDN-23(b)	Paper-XXIII(b)	Assessment in Education at Secondary level	2	1	3	35	15	50
<b>Sub-Total – EDN21(b)</b>			<b>10</b>	<b>3</b>	<b>13</b>	<b>175</b>	<b>75</b>	<b>250</b>
<b>Sub-Total(Theory)</b>			<b>16</b>	<b>5</b>	<b>21</b>	<b>280</b>	<b>120</b>	<b>400</b>
<b>SEMESTER- IV (Practicum)</b>								
EDN-12(c)	Paper-XII(c)	Dissertation- III: Pre-submission Seminar		2	2		50	50
EDN-12(d)	Paper-XII(d)	Dissertation-IV: Assessment & Viva-Voce		5	5	100		100
<b>Sub-Total( Practicum )</b>				<b>7</b>	<b>7</b>	<b>100</b>	<b>50</b>	<b>150</b>

	Credits (Theory)	Credits (Practicum)	Total Credits	Theory	Practicum	Total
<b>Semester-I</b>	20	6	26	<b>400</b>	<b>150</b>	<b>550</b>
<b>Semester-II</b>	20	6	26	<b>400</b>	<b>150</b>	<b>550</b>
<b>Semester-III</b>	20	6	26	<b>400</b>	<b>150</b>	<b>550</b>
<b>Semester-IV</b>	21	7	28	<b>400</b>	<b>150</b>	<b>550</b>
<b>Grand Total</b>	<b>81</b>	<b>25</b>	<b>106</b>	<b>1600</b>	<b>600</b>	<b>2200</b>

## 11) Award of Grades, SGPA, CGPA

### Credits, Grade Letter Grade Points, Credit Points

**1. Credit** is a unit of academic input measured in terms of the weekly contact hours assigned to a course in a semester.

**2. Grade Letter** is an index to indicate the performance of a student in a particular course (Paper). It is the transformation of actual marks secured by a student in a course/paper. It is indicated by a Grade letter O, A+, A, B+, B, C, P, F. There is a **range of marks** for each Grade Letter.

**3. Grade Point** is weightage allotted to each grade letter depending on the marks awarded in a course/paper

**4. Credit Point** number of credits assigned for the paper multiplied by grade point secured for that course / paper

### Award of Grades

<i>Range of % of Marks</i>	<i>Theory</i>		<i>Practicum</i>	
	<i>Grade Letter</i>	<i>Grade Point</i>	<i>Grade Letter</i>	<i>Grade Point</i>
85 to 100	O	10	O	10
70 to 84	A+	09	A+	9
60 to 69	A	08	A	8
55 to 59	B+	07	B+	7
50 to 54	B	06	B	6
40 to 49	C	05	-	-
Less than 40	P	0	-	-
	F	0	-	-
	Absent	0	-	-

### Semester Grade Point Average (SGPA)

**Credit Points for the paper** = No. of Credits assigned for the paper X Grade Point secured for that course/paper.

**SGPA** indicates the performance of a student in a given Semester. SGPA is based on the total **credit points** earned by the student in all the courses and the total number of credits assigned to the courses/papers in a Semester.

**Note: SGPA is computed only if the candidate passes in all the papers (gets a minimum 'C' grade in Theory and 'B' grade in Practicum Papers)**

$$\text{SGPA} = \frac{\text{Total Credit Points in a Semester}}{\text{Total Credits in a Semester}}$$



### **Cumulative Grade Point Average (CGPA)**

CGPA refers to the Cumulative Grade Point Average weighted across all the semesters (4 Semesters). CGPA is obtained by dividing the total number of credit points (CPTs) in all the semesters by the total number of credits in all the Semesters. The final result at the end of all the semesters is declared in the form of CGPA.

**Note: CGPA is calculated only when the candidate passes in all the papers of all the semesters.**

Formula for Calculation CGPA:

$$CGPA = \frac{SGPA1 \times \text{Total Credits Sem1} + SGPA2 \times \text{Total Credits Sem2} + SGPA3 \times \text{Total Credits Sem3} + SGPA4 \times \text{Total Credits Sem4}}{\text{TotalcreditsSem1} + \text{TotalcreditsSem2} + \text{TotalcreditsSem3} + \text{TotalcreditsSem4}}$$

**Note:** The result of the successful candidates shall be classified as follows:

- a) First Division with Distinction: CGPA from 9.00 to 10.00
- b) First Division: CGPA from 8.00 to 8.99
- c) Second Division with 55% CGPA 7.00
- d) Second Division: CGPA from 6.00 to 6.99
- e) Pass Division: CGPA from 5.00 to 5.99

#### **Example: Semester – I**

Paper	Course/ paper	Credits	% of Marks	Grade Letter	Grade Point	Credit Points = Credits x Grade Points
<b>Theory</b>	Paper-I	5	70	A+	9	5 x 9 = 45
	Paper-II	5	60	A	8	5 x 8 = 40
	Paper-III	5	50	B	6	5 x 6 = 30
	Paper-IV	5	70	A+	9	5 x 9 = 45
<b>Practicum</b>	Paper-V	2	55	B+	7	2 x 7 = 14
	Paper-VI	2	40	C	5	2 x 5 = 10
	Paper-VII	2	85	O	10	2 x 10 = 20
	<b>Total</b>	<b>26</b>				<b>204</b>

Total Credit Points: 204

Total Credits: 26

$$SGPA = \frac{\text{Total Credit Points in the Semester-1}}{\text{Total Credits in the Semester -1}} = \frac{204}{26} = 7.85$$

$$SGPA_1 \text{ for Semester-1} = 7.85$$

#### **Example : Semester –II**

Paper	Course/ paper	Credit s	% of Marks	Grade Letter	Grade Point	Credit Points = Credits x Grade Points
<b>Theory</b>	Paper-VIII	5	88	O	10	5 x 10 = 50
	Paper-IX	5	65	A	8	5 x 8 = 40
	Paper-X	5	60	A	8	5 x 8 = 40
	Paper-XI	5	55	B+	7	5 x 7 = 35
<b>Practicum</b>	Paper-XII(a)	2	45	C	5	2 x 5 = 10
	Paper-XIII(a)	4	70	A+	9	4 x 9 = 36
	<b>Total</b>	<b>26</b>				<b>211</b>

Total Credit Points: 211

Total Credits: 26

$$SGPA = \frac{\text{Total Credit Points in the II - Semester}}{\text{Total Credits in the II - Semester}} = \frac{211}{26} = 8.12$$

$$SGPA_2 \text{ for II - Semester} = 8.12$$

Example: Semester –III

Paper	Course/ paper	Credits	% of Marks	Grade Letter	Grade Point	Credit Points = Credits X Grade Points
Theory	Paper-XIV	5	90	O	10	5 x 10 = 50
	Paper-XV	5	85	O	10	5 x 10 = 50
	Paper-XVI	5	76	A+	9	5 x 9 = 45
	Paper-XVII	5	75	A+	9	5 x 9 = 45
Practicum	Paper-XVIII	2	88	O	10	2 x 10 = 20
	Paper-XII(b)	2	80	A+	9	2 x 9 = 18
	Paper-XIII(b)	2	66	A	8	2 x 8 = 16
	Total	28				244

Total Credit Points: 244

Total Credits: 26

$$\text{SGPA} = \frac{\text{Total Credit Points in the III - Semester}}{\text{Total Credits in the III - Semester}} = 244 / 26 = 9.39$$

$$\text{SGPA}_3 \text{ for III - Semester} = 9.39$$

Example: Semester –IV

Paper	Course/ paper	Credits	% of Marks	Grade Letter	Grade Point	Credit Points = Credits x Grade Points
Theory	Paper-XIX	5	60	A	8	5 x 8 = 40
	Paper-XX	3	56	B+	7	3 x 7 = 21
	Paper-XXI(a)	5	75	A+	9	5 x 9 = 45
	Paper-XXII(a)	5	66	A	8	5 x 8 = 40
	Paper-XXIII(a)	3	76	A+	9	3 x 9 = 27
Practicum	Paper-XII(c)	2	85	O	10	2 x 10 = 20
	Paper-XII(d)	5	83	A+	9	5 x 9 = 45
	Total	28				238

Total Credit Points: 238

Total Credits: 28

$$\text{SGPA} = \frac{\text{Total Credit Points in the IV - Semester}}{\text{Total Credits in the IV - Semester}} = 238 / 28 = 8.5$$

$$\text{SGPA}_4 \text{ for IV - Semester} = 8.5$$

**CGPA :Example: Faculty of Education**

I Semester: SGPA<sub>1</sub> = 7.85 Total Credits =26 Total CPTs =204;

II Semester: SGPA<sub>2</sub> = 8.12 Total Credits=26 Total CPTs=211;

III Semester: SGPA<sub>3</sub> = 9.39 Total Credits =26 Total CPTs =244;

IV Semester: SGPA<sub>4</sub> = 8.50 Total Credits=28 Total CPTs=238;

$$\text{CGPA} = \frac{\text{SGPA}_1 \times \text{Total Credits Sem1} + \text{SGPA}_2 \times \text{Total Credits Sem2} + \text{SGPA}_3 \times \text{Total Credits Sem3} + \text{SGPA}_4 \times \text{Total Credits Sem4}}{\text{TotalcreditsSem1} + \text{TotalcreditsSem2} + \text{TotalcreditsSem3} + \text{TotalcreditsSem4}}$$

$$\begin{aligned} \text{CGPA} &= \frac{(7.85 \times 26) + (8.12 \times 26) + (9.39 \times 26) + (8.5 \times 28)}{26 + 26 + 26 + 28} \\ &= \frac{204 + 211 + 244 + 238}{26 + 26 + 26 + 28} = 897 / 106 = 8.47 \\ \text{CGPA} &= 8.47 \end{aligned}$$

## **12) Evaluation Methods**

### **A) Theory Examinations**

- a) Out of the total marks for each course/paper 30% marks shall be earmarked for continuous assessment (internal assessment/assignments) and remaining 70% for the semester-end examinations.
- b) There shall be one semester-end examination of three hours duration. Each answer script of semester end examination (theory) shall be valued by two internal examiners in odd semester and one internal and one external in the even semester. The marks awarded to that answer scripts shall be the average of these two evaluations. If the difference in marks between the two evaluations is 20% or more, such scripts shall be assessed by a third examiner (internal). Average of the higher of the two valuations will be taken.
- c) The pass marks in each paper shall be 40%. There is no separate pass mark for internal assessment. A candidate has to secure a minimum of 40% of marks in the semester-end examination plus internal examination put together to pass a paper.

### **B) Dissertation**

- a) Every M.Ed. student shall do the Dissertation work individually under the supervision of a Teacher.
- b) The Dissertation work and supervisor shall be assigned to the student by the concerned college during the I-semester to enable the student to plan and carry out the work through the remaining 3 semesters (II, III & IV semesters).
- c) The Dissertation work is assigned 11 credits and evaluated for 250 marks.
- d) Two External Examiners shall evaluate the dissertations [EDN-12(d)].
- e) The pass marks in Dissertation shall be 50%.
- f) Dissertation has to be carried out as per the guidelines given in the curriculum.

### **C) Internship**

- a) Students have to complete internship in two phases. Phase I is in 2<sup>nd</sup> semester while the phase II is in 3<sup>rd</sup> semester.
- b) Internship work is assessed for 150 marks and 6 credits will be assigned to it.

**D) Internal Examination (I.E.) Marks (30):**

There shall be 30 marks for each paper in all the semesters i.e., (a) Two Internal Assessment (IA) tests (10 marks), (b) One Filed based Assignment (10 marks) and (c) One Seminar & Subject viva-voce (10 marks).

**(a) Internal Assessment Tests(10 Marks)**

- 1) 1<sup>st</sup> Internal assessment Test shall be conducted at the end of the 9<sup>th</sup> Week of Instruction (Covering 2/3 Units of the Syllabus).
- 2) 2<sup>nd</sup> Internal assessment Test is conducted in the fifteenth week of instruction (Covering the rest of the syllabus/Units).

The two tests each shall consist of

- (i) Objective questions (Total 5 Marks)
- (ii) Descriptive questions (Total 5 Marks).
- (iii) The duration of the internal assessment test shall be 60 minutes.
- (iv) Total marks for each test will be 10 and the average of two internal assessment tests is taken.
- (v) The IA Test shall be conducted as per the schedule prescribed by the University. In case a candidate fails to appear for the IA Test for whatever reasons, the test will not be conducted again and he/she has to forego the I.A. test and against the marks column for IA., it will be indicated ABSENT. In such cases where the candidates have not appeared for the I.A test(s), they are required to secure 40 % marks out of 70 marks earmarked for semester end examination to be considered as Passed in that paper.
- (vi) The proposed scheme of the internal assessment is applicable to all the subjects where the maximum marks are 100 for each paper. However, in the subjects where the maximum marks are different from 100 marks; the scheme is to be worked out proportionately.

- Note:** 1) There shall be no improvement in the internal assessment.  
2) There shall be no separate Grade points for internal tests.

**(b) Field based Assignments ( 10 Marks)**

Every student shall submit one assignment per paper in a semester. The Topic for the assignment shall be allotted in the 6<sup>th</sup> week of instruction. The assignment shall be handwritten (student's own handwriting). Total marks for the assignment is 10 marks.

**(c) Seminar & Subject viva-voce ( 10 Marks)**

Every student shall give a seminar presentation (one in each Theory Paper) for about 10 minutes which will be evaluated for 10 (ten ) marks by two internal jury members appointed by the Principal of the College concerned. Out of these 10 marks, 4 marks shall be allotted for the write up of the topic of the seminar and 6 marks for the presentation. The seminar lecture is expected to train the student in self study, collection of relevant matter from the books and Internet resources, editing, document writing, typing and presentation. The list of the seminar lectures to be delivered in the college shall be prominently displayed in the Notice Board of the concerned college. Seminar lecture programme is allotted in the time table. The seminar lectures are open to all the students of the College. The text of the seminar lecture must be typed and should be of at least 4 to 5 pages, should be deposited in the College and submitted to the University at the time of moderation.

Each student should give one seminar presentation in each paper on the topics earmarked by the College of Education or as per the choice of the student.

The paper for internal assessment tests is set by the teacher(s) who is (are) teaching the subject/paper in that semester.

The answer scripts need to be submitted to the University for Moderation of marks. However, the marks of I and II Internal Assessment (IA) tests, Field based Assignment and Seminars & Viva-voce should be communicated by the respective Principals of the college to the Chairperson, BOS in Education, K.U, before the University Semester Examinations.

**NOTE:**

- 1. Differently-abled students (Hearing impaired; visually impaired & orthopedically impaired): The differently-abled students shall complete all the Practicum which includes Dissertation, Internship, Records, and other field engagement on par with normal students.***
- 2. The marks secured by the student in the Internal tests, assignments, Seminars, Internship, Dissertation and semester-end examinations are converted into SGPA and CGPA.***

### 13) Improvement of Grades and Completion of the Course:

Candidates who have passed in a theory paper/papers are allowed to appear again for theory paper/papers only once in order to improve his/her grade, by paying the fee prescribed by the University. Such candidates are allowed to appear for improvement examination only once in the next immediate semester examination only.

- i) If candidate improves his/her grade, then his/her improved grade will be taken into consideration for the award of GPA only. The improved grade shall not be higher than A+. Such improved grade will not be counted for the award of prizes/medals, Rank and Distinction.
- ii) If the candidate does not show improvement in the grade, his/her previous grade will be taken into consideration.
- iii) Candidates will not be allowed to improve marks/grade in the Internal Assessment, Internship, Seminars and Dissertation.

### 14) Promotion, Re-admission Rules & Maximum Time for Completion of Course:

Rules of promotion are as under:

<i>Sl. No.</i>	<i>Semester</i>	<i>Conditions to be fulfilled for Promotion</i>
1.	From Semester-I to Semester-II	Undergone a Regular Course of Study of Semester-I and registered* for the Semester-I examination.
2.	From Semester-II to Semester-III	a) Undergone a Regular Course of Study of Semesters-I & II b) The number of backlogs if any, of Semester-I & II taken together, shall not exceed 50% of the total number of papers / subjects prescribed for Semesters-I & II. c) Backlogs Permitted: i) Number of backlogs permitted 4 (out of 07/08 Papers) ii) Number of backlogs permitted 5 (out of 09/10 Papers) iii) Number of backlogs permitted 6 (out of 11/12 Papers) iv) Number of backlogs permitted 7 (out of 13/14 Papers) v) Number of backlogs permitted 8 (out of 15/16 Papers) vi) Number of backlogs permitted 9 (out of 17/18 Papers)
3	From Semester-III to Semester-IV	Undergone a Regular Course of Study of Semester-III and registered* for the Semester-III examination.

\* Registration means obtaining a Hall Ticket for the said examination.

### **15) Re-Admissions:**

The procedure to be followed for granting readmission to the students in the following cases:

- (1) A student who did not put in the required attendance in a semester of a course and thus detained;
- (2) A student after completing a semester did not continue their studies in the next immediate semester on personal /health grounds but desired to continue his/her studies after a short break;
- (3) A student who has put in not less than 40% of attendance in a Semester and not registered for the examination can take re-admission in the same semester without appearing for the entrance examination.
- (4) Candidates who, after completing a semester of the course but taken T.C to join some other course and come back to continue the earlier course.

In all the above cases, readmission is permissible provided they are within the period of double the duration of the course (i.e., 4 years). Further, the approval of the university has to be obtained in respect of those students who take TC to join some other course and come back for readmission in the same college.

All the re-admissions including such of those students, who take TC and come back, shall be granted by the Registrar, Kakatiya University on the recommendation of the Head / Principal of the concerned college where the candidate has studied previously as a regular student subject to the fulfillment of the following conditions:

- 1) They should have been promoted to next semester in which they are seeking readmission.
- 2) They should join the course within 4 weeks in case of semester system from the date of commencement of classes.
- 3) They should be able to complete the course within the double the duration of the course (4 years) from the year of their original admission.
- 4) They should pay the readmission fee as prescribed by the University.
- 5) In the normal course of time a candidate is expected to complete M.Ed. Degree Course within two years from the date of admission.
- 6) Whenever the syllabus is revised, the candidate reappearing shall be allowed for M.Ed. Degree examinations according to the old syllabus upto 2 years from the time of his/her admission.

- 7) The 4-semester 2 -year course should be completed by a student within double duration of the normal course period (i.e. 4 years).
- 8) Names of the re-admitted candidates will be struck off from the rolls without any notice, if they are continuously absent for more than 10 days without any valid reason. Such candidates will forgo the right of their admission and they will not be re-admitted.
- 9) Casual candidates are not eligible for any awards in examinations (Ex. Gold Medals) or any other scholarships.

***NOTE: No readmission shall be made after the cut off date (4<sup>th</sup> week in a 16 week semester) under any circumstances. The cut off date for granting readmission shall be reckoned from the date of commencement of classes for different courses as per the almanac communicated by the University every year.***

### **15) Pattern of Theory Question Papers**

There are two Patterns of Theory Examinations – one with a duration of 3 hours for 70 marks; the other with a duration of 1 ½ hours for 30 marks. The question paper comprises two sections:

#### **In 70 marks paper:**

**Section A** – consists of 8 very short answer type questions out of which a candidate is expected to answer any five questions. Each question carries 4 Marks. Total marks for Section – A is 20 marks.

**Section B** – consists of eight essay type of questions, out of which a candidate is expected to answer any five questions in about four pages each. Each question carries 10 Marks. Total marks for Section – B is 50 marks.

#### **In 35 marks paper:**

**Section A** – consists of 5 very short answer type questions, out of which a candidate is expected to answer any three questions. Each question carries 5 Marks. Total marks for Section – A is 15 marks.

**Section B** – consists of Four Essay type of questions, out of which a candidate is expected to answer any two questions in about four pages each. Each question carries 10 Marks. Total marks for Section – B is 20 marks.



**16. Conduct of Practicum Examinations [Papers - V, VI, VII, XII(a&b), XIII(a&b), XVIII, and XII (d)]**

- a) Each Practicum work has to be evaluated by the Mentor as internal for 15 marks.
- b) The Practicum papers (Papers-V, VI, VII, XII(a&b), (d), XIII(a&b) and XII (d)) have to be University Examinations (1 ½) for 35 marks each except paper XII (d).
- c) A jury of 2 members (One Internal Mentor and one External) both have to be appointed by the Examination branch KU, shall evaluate the work done by the students and also subject them tasks related to the above mentioned practicum papers for award 30 marks.
- d) Two External Examiners shall evaluate the dissertations [EDN-12(d)] for 100 marks.

# KAKATIYA UNIVERSITY WARANGAL

## RULES AND REGULATIONS GOVERNING MBA Course under CBCS with effect from the Academic Year 2016-2017

### 1. The Course

The duration of MBA programme is two academic, years consisting of Four Semesters - two semesters in each year - each semester of 14-16 weeks duration.

Students who join MBA programme shall not take -up any employment either part-time or full-time during the University academic working hours. Students who are admitted to MBA course and who are subsequently found to be in employment during the University academic working hours anywhere in India will cease to be students of the course.

### 2. Admission

Candidates possessing a Bachelor Degree in any discipline (Excluding B.O.I, and B.F.A) with 50% aggregate marks (45% in case of reserved categories) and qualified in ICET exam are eligible for admission to MBA programme subject to the rules and regulations of the University from time to time.

### 3. Course Structure, Hours of instruction per week and Aggregate marks

The MBA programme offers in all 28 papers consisting of 22 core papers and 6 elective papers apart from Viva-voce and project report. In addition to one foundation course and two open electives. The details of semester-wise subjects, hours of instruction per week, credits per paper are given in Appendix – 1.

### MBA COURSE STRUCTURE

No	Code	Nature	No. of Papers	Semester	Credits
1	CORE	Core	16 @ 4 ppw	I(5)II(5)III(3) IV(3)	64
2	GE	Generic Electives	4@4ppw	III(2)IV(2)	16
3	OE	Inter Disciplinary (1+1 = 2 )	2@ 4 ppw	III (1) and IV (1)	8
4	ELE	Electives (Discipline Centric)	6 @ 4ppw	III(3) IV(3)	24
5	VIVA	First Year End Viva			2
6		Project Report & Viva Voce	1	IV	4
<b>Total</b>			<b>29</b>		<b>118</b>

#### 4. Examination and Assessment

Under Choice Based Credit System(CBCS), the candidates are awarded grades and CGPA  
**Letter Grades and Grade Points**

- i. Absolute grading method is adopted to convert marks into grades based on Predetermined Class Intervals.
- ii. Pre determined Class Intervals (marks), Grade points and Letter grades are presented here under.

#### Grades and Grade Points

Range of Marks obtained in a Course	Grade Point	Explanation	Letter Grade
85 – 100	O	Outstanding	10
70 – 84	A	Very Good	9
60 – 69	B	Good	8
55 – 59	C	Above Average	7
50 – 54	D	Satisfactory	6
40 – 49	E	Pass	5
Less than 40	F	Fail	0
Absent	Ab	Absent	-

- iii. A student obtaining Grade F shall be considered failed and will be required to reappear for the examination.

#### Computation of SGPA and CGPA

The following procedure is adopted to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

- i. The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e

$$\text{SGPA (Si)} = \frac{\sum(C_i \times G_i)}{\sum C_i}$$

Where  $C_i$  is the number of credits of the  $i$ th course and  $G_i$  is the grade point scored by the student in the  $i$ th course.

- ii. The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$\text{CGPA} = \frac{\sum(C_i \times S_i)}{\sum C_i}$$

Where  $S_i$  is the SGPA of the  $i$ th semester and  $C_i$  is the total number of credits in that semester.

- iii. The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the memorandum of marks.

### Illustration of Computation of SGPA and CGPA

- i. Computation of SGPA and CGPA

#### *Illustration for SGPA*

*If a candidate secure different grade in different courses, the SGPA of each Semester of the candidate is arrived as illustrated.*

Course	Credit	Grade Letter	Grade Point	Credit Point (Credit X Grade)
Course 1	4	B	8	4X8 = 32
Course 2	4	C	7	4X7= 28
Course 3	4	B	8	4X8 = 32
Course 4	4	B	8	4X8 = 32
Course 5	4	C	7	4X7= 28
Course6	4	B	8	4X8 = 32
Course 7	4	B	8	4X8 = 32
	28			216

Thus,  $\text{SGPA} = 216/28 = 7.71$

#### Illustration for CGPA

Semester 1	Semester 2	Semester 3	Semester 4
Credit: 28	Credit : 30	Credit: 28	Credit:32

SGPA: 7.71	SGPA: 6.98	SGPA: 6.22	SGPA: 7.23
------------	------------	------------	------------

Thus, **CGPA** =  $(28 \times 7.71) + (30 \times 6.98) + (28 \times 6.22) + (32 \times 7.23) / 128 = 6.49$

### **Viva-Voce:**

There shall be Viva-voce at the end of II semester and at the end of IV semester with 50 marks for each Viva-voce. The Second semester end Viva-voce is based on the subjects studied in I and II semesters. The fourth semester end Viva is based on the subject studied and the project report.

The Second Semester end Viva-Voce Committee shall be as under:

There will be Two members in viva committee.

One - Member from the faculty of the University Department/ University constituent colleges.

One - Faculty member nominated by the Principal of the concerned college.

In case of University Campus colleges, both the members will be nominated by the Chairman, BOS from among the faculty of the Department.

The Fourth Semester end Viva- Voce Committee consists of 3 a member of which 1 member is external. Out of the remaining two one shall be the Head/Chairman, Board of Studies / Dean and a University teacher of the Department nominated by the Dean / BOS. The quorum will be two members of which at least one shall be External Member. Depending on the need, more than one Committee could be constituted.

### **5.Internal Assessment and Seminars**

There will be 20 per cent marks of internal assessment and 10 per cent marks for the class room Seminars. In each paper two internal assessment tests (With ten objective type questions) shall be conducted and the best of one is taken into account there is no supplementary test for the internal assessment tests. Similarly every student in each paper shall be given an option to give seminar presentations in two sessions and best of one is taken into consideration. A Register of internal assessment examinations, IT practicals and seminars conducted in each subject with the following details shall be maintained. Similar procedure should be adopted for all Computer practical examinations conducted by the Internal Faculty both in the First Semester and Second Semester.

- a. Date of Examination / Presentation
- b. Names of the Students and their Signature
- c. Subject / Topic Concerned
- d. Name and Signature of Faculty evaluated

The Register of internal assessment examinations and seminars should be made available both at the time of Second Semester end vivaand (for First and Second Semester)and Third Semester Project Viva Voce. A certificate of verification of Seminars and Internal Assessment

Examinations should be enclosed along with the mark list of Second and Third Semesters viva voce examinations.

## **6. Rules of Promotion**

A student has to not only put in 75% of attendance and register for examination for each semester but also appear in each semester for promotion to the next semester.

In case of Lab-based papers, the candidates should appear for both theory and lab examination.

The minimum pass marks shall be 40% in each paper in the end semester University examinations and a paper minimum of 40% including internal assessment marks and an aggregate of 50% of marks in each semester. If a candidate fails to appear for any or all two internal assessment examinations, no further examination will be conducted.

Two Internal Assessment examinations shall be conducted in each semester. Out of the marks obtained by the student in two examinations, the higher marks shall be considered.

The detailed rules concerning Internal Assessment examinations shall be as per the University rules applicable to all P.O. examinations including M.B.A. and M.C.A. course.

At the end of the fourth semester, the result of the candidate shall be declared after ensuring that a student passes all the semester exams by securing a minimum of 50% aggregate in each semester. The students who could not secure 50% aggregate marks in any semester can appear for all or any of the papers of that particular semester for securing the required aggregate marks.

There shall be no supplementary examinations for the course and the examinations shall be held for I & III and II & IV semester simultaneously.

## **7. Declaration of result at the end of IV semester:**

i) There shall be only two divisions viz.,

II Division: 50% and above but less than 60%

I Division: 60% and above but less than 70%

Candidates securing 70% and above shall be awarded First Division with distinction.

ii) The award of Division, distinction and rank will be in accordance with the general rules applicable to other Post-Graduate courses of the University subject to overall CGPA

iii) The rules pertaining to improvement shall be the same as are applicable to other Post-Graduate courses in the University.

## **8. Project Report:**

A student has to undergo practical training for a period of 6 weeks at the end of second semester in a corporate enterprise during the first summer vacation. During the training period, the candidates should work on a specific problem related to the management and working of the organization. At the end of practical training, the student should obtain a certificate for receiving the training from the organization.

The student should prepare a Project Report under the supervision of a guide from the Faculty of Management of the concerned college in fourth Semester. However, the students who prepare Project Report in the area of Systems can also work under the guidance of Faculty member from Computer Science Department.

The student has to present a Seminar in the concerned college on the Project work done by him. The Principal of the College concerned shall certify and intimate the list of candidates who have given seminar presentation to the Head / Chairman, Board of Studies, Department of Commerce & Business Management, Kakatiya University. Two copies of the report should be submitted before the commencement of III semester end examinations. The Project Report carries 100 marks.

**MBA CBCS Course Structure w.e.f From 2016-17 as per the  
Modifications Suggested by the PG BOS on 19-06-2017**

CBCS KU MBA– I Semester									
Sl.No	Course No	Title	Nature	Contact Hours	Credits	Internal		External	Total
						Test	Seminar		
1	MB101	Management and Organization Theory	Core	4	4	20	10	70	100
2	MB102	Accounting for Managers	Core	4	4	20	10	70	100
3	MB103	Statistics for Managers	Core	4	4	20	10	70	100
4	MB104	Information Technology for Managers	Core	4	4	20	10	70	100
5	MB105	Marketing Management	Core	4	4	20	10	70	100
6	MB106	Generic Elective – I 1. Business Environment – I(a) (Or) 2. Entrepreneurship Development – I (b)	Generic	4	4	20	10	70	100



7	MB107	Generic Elective – II 1. Managerial Economics – II(a) (Or) 2. Communication Skills – II(b)	Generic	4	4	20	10	70	100
Total				28	28	140	70	490	700

<b>MBA– II Semester</b>									
Sl.No	Course No	Title	Nature	Contact Hours	Credits	Internal		External	
						Test	Seminar		
1	MB201	Human Resource Management`	Core	4	4	20	10	70	
2	MB202	Financial Management	Core	4	4	20	10	70	
3	MB203	Management Accounting	Core	4	4	20	10	70	
4	MB204	Operations Research	Core	4	4	20	10	70	
5	MB205	Business Research Methodology	Core	4	4	20	10	70	

6	MB206	Generic Elective – III 1. Business Ethics –III(a)(Or) 2. Retail Management – III(b)	Generic	4	4	20	10	70	
7	MB207	Generic Elective – IV 1. Business Analytics using Excel – IV(a) (Or) 2. Customer Relationship Management – IV(b)	Generic	4	4	20	10	70	
8	MB208	First Year End Viva	Grading		2			50	
		Total		28	30	140	70	540	

<b>MBA– III Semester</b>									
Sl.No	Course No	Title	Nature	Contact Hours	Credits	Internal		External	
						Test	Seminar		
1	MB301	Organization Behavior	Core	4	4	20	10	70	
2	MB302	Strategic Management	Core	4	4	20	10	70	
3	MB 303	Managerial Communication	Core	4	4	20	10	70	

4	MB304	Interdisciplinary Courses a) e-Business Or b) Business Law	Open	4	4	20	10	70	
5	MB305 MB306 MB307	Discipline Specific Elective I One elective group from A/B/C/D groups consisting of 3 papers with 4 credits each (4 hours per week)	DSC	12	12	60	30	210	
				28	28	140	70	490	

<b>MBA IV Semester</b>									
Sl.No	Course No	Title	Nature	Contact Hours	Credits	Internal		External	
						Test	Seminar		
1	MB401	Operations Management	Core	4	4	20	10	70	
2	MB402	International Business	Core	4	4	20	10	70	

3	MB403	Creativity and Innovations	Core	4	4	20	10	70	
4	MB404A	Project Report	Field Work	0	2			100	
4	MB404B	Project Viva-voce	Grading	0	2			50	
5	MB405	Inter Disciplinary Elective II a) Personal Finance (or) b) MIS	Open	4	4	20	10	70	
6	MB406 MB407 MB408	Discipline Specific Electives (3) I One elective group from A/B/C/D groups consisting of 3 papers with 4 credits each (4 hours per week)	DSC	12	12	60	30	210	
		Total		28	32	140	70	640	

### III Semester Elective Course Structure

#### Group-A: HUMAN RESOURCE MANAGEMENT

6	MB305A	Human Resource Development	4	4	20	10	70	100
7	MB306A	Labour Laws	4	4	20	10	70	100

8	MB307A	Organisation Development	4	4	20	10	70	100
<b>Group-B: MARKETING MANAGEMENT</b>								
6	MB305B	Consumer Behaviour	4	4	20	10	70	100
7	MB306B	Advertising & Sales Management	4	4	20	10	70	100
8	MB307B	Product & Brand Management	4	4	20	10	70	100
<b>Group-C: FINANCIAL MANAGEMENT</b>								
6	MB305C	Security Analysis & Portfolio Management	4	4	20	10	70	100
7	MB306C	Indian Financial System	4	4	20	10	70	100
8	MB307C	Corporate Taxation & Planning	4	4	20	10	70	100
<b>Group-D: SYSTEMS MANAGEMENT</b>								
6	MB305D	Relational Data Base Management System	4	4	20	10	70	100
7	MB306D	Management of Software Projects Enterprise Resource Planning (ERP) System Analysis and Design	4	4	20	10	70	100

8	MB307D	Enterprise Resource Planning (ERP)	4	4	20	10	70	100
---	--------	------------------------------------	---	---	----	----	----	-----

**IV Semester Elective Course Structure**

**Group-A: HUMAN RESOURCE MANAGEMENT**

6	MB406A	Management of Industrial Relations	4	4	20	10	70	100
7	MB407A	Compensation Management	4	4	20	10	70	100
8	MB408A	Strategic Human Resource Management	4	4	20	10	70	100

**Group-B: MARKETING MANAGEMENT**

6	MB406B	Services Marketing	4	4	20	10	70	100
7	MB407B	Rural Marketing	4	4	20	10	70	100
8	MB408B	Supply Chain Management	4	4	20	10	70	100

**Group-C: FINANCIAL MANAGEMENT**

6	MB406C	International financial Management	4	4	20	10	70	100
7	MB407C	Strategic Financial Management	4	4	20	10	70	100
8	MB408C	Financial Derivatives	4	4	20	10	70	100

**Group-D: SYSTEMS MANAGEMENT**

6	MB406D	Artificial Intelligence	4	<b>4</b>	20	10	70	100
7	MB407D	Data Communications and Networking	4	4	20	10	70	100
8	MB408D	Data Mining and Data Warehousing	4	4	20	10	70	100



**KAKATIYA UNIVERSITY, WARANGAL**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**MCA COURSE STRUCTURE UNDER CBCS**  
**WITH EFFECT FROM 2020-22**

**MCA I YEAR I SEMESTER:**

Paper No	Paper Title / Subject	Workload Per week (Theory : Lab)	M A R K S			Credits
			Internal	External	Total	
MCA111	C and Data Structures	T ( 4 )	20	80	100	4
MCA112	Operating System	T ( 4 )	20	80	100	4
MCA113	Java Programming	T ( 4 )	20	80	100	4
MCA114	Computer Networks	T ( 4 )	20	80	100	4
MCA115	Probability and Statistical Methods	T ( 4 )	20	80	100	4
MCA116	C and DS Lab	L ( 4 )	--	50	50	2
MCA117	OS Lab	L ( 4 )	--	50	50	2
MCA118	Java Programming Lab	L ( 4 )	--	50	50	2
<b>Grand total (Marks and Credits)</b>					<b>650</b>	<b>26</b>





**KAKATIYA UNIVERSITY, WARANGAL**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**MCA COURSE STRUCTURE UNDER CBCS**  
**WITH EFFECT FROM 2020-22**

**MCA IYEAR IISEMESTER**

Paper No	Paper Title / Subject	Workload Per week (Theory : Lab)	M A R K S			Credits
			Internal	External	Total	
MCA121	Python Programming	T ( 4 )	20	80	100	4
MCA122	Database Management Systems	T ( 4 )	20	80	100	4
MCA123	Software Engineering	T ( 4 )	20	80	100	4
MCA124	Cryptography and Network Security	T ( 4 )	20	80	100	4
MCA125	Principles and Practice of Management	T ( 4 )	20	80	100	4
MCA126	Python Programming lab	L ( 4 )	--	50	50	2
MCA127	DBMS Lab	L ( 4 )	--	50	50	2
MCA128	Software Engineering Lab	L ( 4 )	--	50	50	2
<b>Grand total (marks and credits)</b>					<b>650</b>	<b>26</b>



**KAKATIYA UNIVERSITY, WARANGAL**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**MCA COURSE STRUCTURE UNDER CBCS**  
**WITH EFFECT FROM 2020-21**

Paper No	Paper Title / Subject	Workload Per week (Theory : Lab)	M A R K S			Credits
			Internal	External	Total	
MCA211	Data Mining	T ( 4 )	20	80	100	4
MCA212	Web Technologies	T ( 4 )	20	80	100	4
MCA213	Theory of Computation	T ( 4 )	20	80	100	4
MCA214	Elective – I	T ( 4 )	20	80	100	4
MCA215	Elective – II	T ( 4 )	20	80	100	4
MCA216	Data Mining Lab	L ( 4 )	--	50	50	2
MCA217	Web Technologies Lab	L ( 4 )	--	50	50	2
MCA218	Advanced Programming Lab (with respect to Elective – I )	L ( 4 )	--	50	50	2
<b>Grand total (marks and credits)</b>					<b>650</b>	<b>26</b>

**MCA II YEAR I SEMESTER:**

**Elective –I**

- a. Mobile Application Development
- b. Cloud Computing
- c. R-Programming

**Elective – II**

- a. Internet of Things
- b. Big Data Analytics
- c. Mobile Computing



**KAKATIYA UNIVERSITY, WARANGAL**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**MCA COURSE STRUCTURE UNDER CBCS**  
**WITH EFFECT FROM 2020-21**

**MCA II YEAR II SEMESTER:**

Paper No	Paper Title / Subject	Workload Per week (Theory : Lab)	M A R K S			Credits
			Internal	External	Total	
MCA221	Artificial Intelligence	T ( 4 )	20	80	100	4
MCA222	Elective-III	T ( 4 )	20	80	100	4
MCA223	Elective-IV	T ( 4 )	20	80	100	4
MCA224	Project	T ( 8 )	50	200	250	10
<b>Grand total (marks and credits)</b>					<b>550</b>	<b>22</b>

**Elective – III**

- a. Foundations of Block Chain Technologies
- b. Cyber Security
- c. E-Commerce

**Elective – IV**

- a. Digital Image Processing
- b. Machine Learning
- c. Language Processors



**KAKATIYA UNIVERSITY, WARANGAL**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**MCA COURSE STRUCTURE UNDER CBCS**  
**WITH EFFECT FROM 2020-22**

Paper No	Paper Title / Subject	Workload Per week (Theory : Lab)	M A R K S			Credits
			Internal	External	Total	
MCA111	C and Data Structures	T ( 4 )	20	80	100	4
MCA112	Operating System	T ( 4 )	20	80	100	4
MCA113	Java Programming	T ( 4 )	20	80	100	4
MCA114	Computer Networks	T ( 4 )	20	80	100	4
MCA115	Probability and Statistical Methods	T ( 4 )	20	80	100	4
MCA116	C and DS Lab	L ( 4 )	--	50	50	2
MCA117	OS Lab	L ( 4 )	--	50	50	2
MCA118	Java Programming Lab	L ( 4 )	--	50	50	2
<b>Grand total (Marks and Credits)</b>					<b>650</b>	<b>26</b>

**MCA I YEAR I SEMESTER:**

<b>MCA111</b>	<b>C and Data Structures</b>		<b>CDS</b>
<b>WORK LOAD: 4 PPW</b>	<b>Credits:4</b>	<b>INTERNAL MARKS: 20</b>	<b>EXTERNAL MARKS: 80</b>

### UNIT-I

**Introduction to Computers:** Computer Systems, Computing Environments, Computer Languages, Creating and running programs, Algorithms, Pseudo code, flow charts, **Introduction to C Language:** Background, Simple C programs, Identifiers, Basic data types, Variables, Constants, Input / Output, Operators. Expressions, Precedence and Associativity, Expression Evaluation, Type conversions, operators.

**Statements:** if and switch statements, Repetition statements – while, for, do-while statements, Loop examples, other statements related to looping – break, continue, go to

### UNIT-II

**Designing Structured Programs:** Functions, basics, user defined functions, inter function communication, Scope, Storage classes-auto, register, static, extern, scope rules, recursion- recursive functions, Pre-processor commands

**Arrays and Strings:** Concepts, using arrays in C, inter function communication, array applications, two – dimensional arrays, C Strings, String Input / Output functions, arrays of strings, string manipulation functions.

**Pointers:** Introduction to Pointers, Pointers for inter function communication, pointers to pointers, memory allocation functions, array of pointers, command –line arguments.

**Derived Types:** Structures – Declaration, definition and initialization of structures, Accessing structures, and nested structures, arrays of structures, structures and functions, pointers to structures, self-referential structures, unions, typedef, and enumerated types.

### UNIT-III

**Input and Output:** Concept of a file, streams, input / output functions, text files and binary files, file input / output operations.

**Sorting and Searching:** selection sort, bubble sort, insertion sort, linear and binary search methods.

**Data Structures:** Introduction to Data Structures, abstract data types, Linear list – singly linked list implementation, insertion, deletion and searching operations on linear list, Stacks-Operations, array and linked representations of stacks, stack applications,

### UNIT-IV

**Queues-**operations, array and linked representations,

**Trees:**Introduction to Trees: Binary Trees – Binary Tree Traversals – Expression Trees – General Trees, Binary Search Tree-traversals Algorithms,

**Graphs :**Graph Storage Structures – Graph Traversals.

### TEXTBOOKS:

1. C Programming & Data Structures, B.A.Forouzan and R.F. Gilberg, Cengage Learning.
2. The C Programming Language, B.W. Kernighan and Dennis M.Ritchie, PHI/Pearson Education

### REFERENCES:

1. C for Engineers and Scientists, H.Cheng, Mc.Graw-Hill International Edition
2. Data Structures using C – A.M.Tanenbaum, Y.Langsam, and M.J. Augenstein, Pearson Education / PHI

## 5 Year Integrated M.Sc. Biotechnology Syllabus

.....

### Semester-V

Paper	Subject	Theory/Lab. Hours
5-T1	Cell Biology	4
5-T2	Microbiology	4
5-T3	Genetics	4
5-T4	Biodiversity & Biostatistics	4
5-P1	T1+T2	6
5-P2	T3+T4	6

### Semester-VI

Paper	Subject	Theory/Lab. Hours
6-T1	Biophysical methods	4
6-T2	Biochemistry	4
6-T3	Immunology	4
6-T4	Mol. Biology	4
6-P1	T1+T2	6
6-P2	T3+T4	6

### Semester-VII

Paper	Subject	Theory/Lab. Hours
7-T1	Genetic Engineering	4
7-T2	Plant Biotechnology	4
7-T3	Animal Cell Culture	4
7-T4	Enzymology & Plant Biochemistry	4
7-P1	T1+T2	6
7-P2	T3+T4	6

### Semester-VIII

Paper	Subject	Theory/Lab. Hours
8-T1	Medical Biotechnology	4
8-T2	Microbial Biotechnology	4
8-T3	Environmental Biotechnology	4
8-T4	Agricultural Biotechnology & Bioethical Issues	4
8-P1	T1+T2	6
8-P2	T3+T4	6

### Semester-IX

Paper	Subject	Theory/Lab. Hours
9-T1	Bioprocess Engineering & Technology	4
9-T2	Advanced Biotechnology	4
9-T3	Bioinformatics	4
9-T4	Basics of Nanotechnology	4
9-P1	T1+T2	6
9-P2	T3+T4	6

### Semester-X

Paper	Subject	Theory/Lab. Hours
	PROJECT WORK*	

**\*.Industrial Project:** The student will undergo training in any Biotechnology Industry/Institute for one semester after completion of IX semester. The report will be submitted at the end of the X semester. The project report will be evaluated by the External and Internal (Chairperson, BOS, Biotechnology) examiners. A seminar will be conducted on the project by the same examiners.

## **5 Year Integrated M.Sc. Biotechnology Course**

### **Distribution of Marks**

.....

Semester	Theory Examination		Practical Examination Marks
	Exam Marks	Internal Marks	
<b>V</b>	<b>80</b>	<b>20</b>	<b>100</b>

<b>No.of Papers:</b>	<b>Theory</b>	<b>4</b>	<b>Marks: 4X100=400</b>
	<b>Practicals</b>	<b>2</b>	<b>Marks: 2X100=200</b>
			..... <b>600</b> .....

Semester	Theory Examination		Practical Examination Marks
	Exam Marks	Internal Marks	
<b>VI</b>	<b>80</b>	<b>20</b>	<b>100</b>

<b>No.of Papers:</b>	<b>Theory</b>	<b>4</b>	<b>Marks: 4X100=400</b>
	<b>Practicals</b>	<b>2</b>	<b>Marks: 2X100=200</b>
			..... <b>600</b> .....

Semester	Theory Examination		Practical Examination Marks
	Exam Marks	Internal Marks	
<b>VII</b>	<b>80</b>	<b>20</b>	<b>100</b>

<b>No.of Papers:</b>	<b>Theory</b>	<b>4</b>	<b>Marks: 4X100=400</b>
	<b>Practicals</b>	<b>2</b>	<b>Marks: 2X100=200</b>
			..... <b>600</b> .....







DEPARTMENT OF CHEMISTRY  
KAKATIYA UNIVERSITY,  
WARANGAL

5-Year Integrated M. Sc. (CHEMISTRY)  
Model Structure

Semester - I

Paper	Course	Theory/ Lab. Hours
1-T1	English Language	3
1-T2	Second Language	3
1-T3	Indian Constitution/ Human Rights	3
1-T4	Mathematics-I/Biology-I	3
1-T5	Mathematics-II/Biology-II	3
1-T6	Computer Science	3
1-T7	Physics	3
1-T8	Chemistry	3
1-P1	Physics Lab	3
1-P2	Chemistry Lab	3

Semester - II

Paper	Course	Theory/ Lab. Hours
2-T1	English Language	3
2-T2	Second Language	3
2-T3	Community Development	3
2-T4	Computer Science	3
2-T5	Mathematics	3
2-T6	Physics	3
2-T7	Chemistry	3
2-P1	Physics Lab	3
2-P2	Chemistry Lab	3
2-P3	Computer Lab	3

Semester - III

Paper	Course	Theory/ Lab. Hours
3-T1	Communication Skills	3
3-T2	Economics	3
3-T3	Environmental Studies	3
3-T4	Computer Science	3
3-T5	Mathematics	3
3-T6	Physics	3
3-T7	Chemistry	3
3-P1	Physics Lab	3
3-P2	Chemistry Lab	3
3-P3	Computer Science Lab	3

Semester - IV

Paper	Course	Theory/ Lab. Hours
4-T1	Communication Skills	3
4-T2	Entrepreneurship & Management Practices	3
4-T3	Computer Science	3
4-T4	Mathematics	3
4-T5	Biology	3
4-T6	Chemistry	3
4-P1	Biology Lab	3
4-P2	Chemistry Lab	3
4-P3	Computer Science Lab	3
	Seminar Presentation	2

## Semester - V

Paper	Course	Theory/ Lab Hours per week
5T1	Statistics	3
5T2	General Chemistry - I	3
5T3	Inorganic Chemistry - V	3
5T4	Organic Chemistry - V	3
5T5	Physical Chemistry - V	3
5P1	Inorg. Chemistry Lab - 1	6
5P2	Org. Chemistry Lab - 2	6
5P3	Phy. Chemistry Lab - 3	6
	Seminar Presentation	2

## Semester - VI

Paper	Course	Theory/ Lab Hours per week
6T1	Pharmacology	3
6T2	General Chemistry - II	3
6T3	Inorganic Chemistry - VI	3
6T4	Organic Chemistry - VI	3
6T5	Physical Chemistry - VI	3
6P1	Inorg. Chemistry Lab - 1	6
6P2	Org. Chemistry Lab - 2	6
6P3	Phy. Chemistry Lab - 3	6
	Seminar Presentation	2

## Semester - VII

Paper	Course	Theory/ Lab Hours per week
7T1	General Chemistry - III	4
7T2	Inorganic Chemistry - VII	4
7T3	Organic Chemistry - VII	4
7T4	Physical Chemistry - VII	4
7P1	Inorg. Chemistry Lab - 1	6
7P2	Org. Chemistry Lab - 2	6
7P3	Phy. Chemistry Lab - 3	6
	Seminar Presentation	2

## Semester - VIII

Paper	Course	Theory/ Lab Hours per week
8T1	General Chemistry - IV	4
8T2	Inorganic Chemistry - VIII	4
8T3	Organic Chemistry - VIII	4
8T4	Physical Chemistry - VIII	4
8P1	Inorg. Chemistry Lab - 1	6
8P2	Org. Chemistry Lab - 2	6
8P3	Phy. Chemistry Lab - 3	6
	Seminar Presentation	2

## Semester - IX

Paper	Course	Theory/ Lab Hours per week
9T1	Elective - I	4
9T2	Elective - II	4
9T3	Elective - III	4
9T4	Elective - IV	4
9P1	Inorg. Chemistry Lab - 1	6
9P2	Org. Chemistry Lab - 2	6
9P3	Phy. Chemistry Lab - 3	6
	Teaching practice	2

## Semester - X

Paper	Course	Theory/ Lab Hours per week
10T1	Elective - V	4
10T2	Elective - VI	4
10P1	Project	18
	Seminar Presentation	5
	Teaching practice	5

The students in IX and X semesters participate in teaching 1<sup>st</sup> and 2<sup>nd</sup> year students and also conducting practical classes.

The project work will be of 8 weeks duration. Every student will carry out the project work in a laboratory (Research/Industry/the Department) and submit the project report (dissertation).

# **KAKATIYA UNIVERSITY**

**WARANGAL (TS) – 506009**



## **BACHELOR OF EDUCATION (B. Ed - Regular) (Choice Based Credit System)**

**Syllabus, Rules & Regulations, Scheme of Examinations for  
B. Ed. (Regular) Two year Programme – Semester System  
(w.e.f.2015-2016 onwards)**

**FACULTY OF EDUCATION  
KAKATIYA UNIVERSITY  
WARANGAL (TS) – 506009  
[www. kakatiya.ac.in.](http://www.kakatiya.ac.in)**

**REGULATIONS, SCHEME AND SYLLABUS FOR BACHELOR OF EDUCATION  
(B. Ed.) TWO YEAR PROGRAMME (FOUR SEMESTERS)  
(Choice Based Credit System)**

All the rules and regulations, herein after, specified should be read as a whole for the purpose of interpretation.

**I. Admission**

A candidate for admission to two year (4 – semesters) B.Ed. Course has to qualify at the Education Common Entrance Test (Ed.CET) conducted by the Telangana State Council of Higher Education, Government of Telangana for the concerned academic year. The candidates will be admitted strictly in accordance with the merit secured at the entrance examination, keeping in view the rules and regulations in force in respect of the statutory reservation of seats under various categories of candidates.

**II. Curriculum Transaction**

Curriculum includes theory, engagement and practicum. Engagement includes seminars, discussions, assignments, case studies, field experience, etc. It also provides space for Enhancement of Professional Capacities (EPCs). This curriculum also provides an enriched experience to prepare teachers with professionalism through microteaching, & reflective teaching at the institutional level and 20 weeks (120 days) of internship in the school.

Semesters	Theory + Field engagement	Practicum			Total no. of days
		EPC	Internship	Micro & Reflective teaching	
First	83	11	06	-	100
Second	50	2	24	24	100
Third	17	17	66	-	100
Fourth	61	15	24	-	100
Grand total	211	45	120	24	400

### III. STRUCTURE OF B. Ed. COURSE – 2015 – 16

<b>SEMESTER -I (A - THEORY)</b>		
<b>Course Code</b>	<b>Paper</b>	<b>Title of the Papers</b>
EDN - 01	Paper - I	Philosophical Perspectives of Education
EDN - 02	Paper - II	Psychology of Childhood and Adolescence
EDN - 03	Paper - III	School organization and Management
EDN - 04	Paper – IV(a)	Pedagogy of a school subject (I / II Method ) (Mathematics , Social Sciences, Biological Science)
EDN - 05	Paper – V(b)	Pedagogy of a school subject ( I / II Method) (Languages, Physical Science )
<b>SEMESTER -I (B - PRACTICUM)</b>		
EDN – 06 (EPC1)	Paper - VI	Self Development (Communicative English, Life Skills & Yoga)
<b>SEMESTER -I (C - INTERNSHIP) PHASE I : 1 Week</b>		
EDN – 07 (EIC1)	Paper – VII(a)	Observation Record (Observation of Regular Teachers Teaching)
<b>SEMESTER -II (A - THEORY)</b>		
<b>Course Code</b>	<b>Paper</b>	<b>Title of the Papers</b>
EDN - 08	Paper – VIII	Sociological Perspectives of Education
EDN - 04	Paper – IV(b)	Pedagogy of a school subject (I / II Method ) ( Mathematics , Social Sciences, Biological Science)
EDN - 05	Paper – V(b)	Pedagogy of a school subject ( I / II Method) ( Languages, Physical Science )
<b>SEMESTER -II (B - PRACTICUM)</b>		
EDN – 09	Paper - IX	Microteaching & Reflective Teaching ( I / II Method)
EDN – 10	Paper - X	Microteaching & Reflective Teaching ( I / II Method)
EDN – 11 (EPC2)	Paper – XI(a)	ICT Mediation in Teaching – Learning
<b>SEMESTER -II (C - INTERNSHIP) PHASE II : 4 Week</b>		
EDN – 12	Paper – XII(a)	Teaching Practice-Period plan Record (10 lessons) ( I / II Method)
EDN – 13	Paper – XIII(a)	Teaching Practice-Period plan Record (10 lessons) ( I / II Method)
<b>SEMESTER -III (A - THEORY)</b>		
<b>Course Code</b>	<b>Paper</b>	<b>Title of the Papers</b>
EDN - 14	Paper - XIV	Assessment for Learning
<b>SEMESTER -III (B - PRACTICUM)</b>		
EDN – 11 (EPC2)	Paper – XI(b)	ICT Mediation in Teaching – Learning
EDN – 15 (EPC3)	Paper - XV	Drama & Art in Education
<b>SEMESTER -III (C - INTERNSHIP) PHASE III : 11 Week</b>		
EDN – 12	Paper – XII(b)	Teaching Practice-Period plan Record (30 lessons) ( I / II Method)
EDN – 13	Paper – XIII(b)	Teaching Practice-Period plan Record (30 lessons) ( I / II Method)
EDN – 12	Paper – XII(c)	Practical Examination – Final Lesson ( I / II Method)
EDN – 13	Paper – XIII(c)	Practical Examination – Final Lesson ( I / II Method)

<b>SEMESTER -IV (A - THEORY)</b>		
<b>Course Code</b>	<b>Paper</b>	<b>Title of the Papers</b>
EDN - 16	Paper – XVI(b)	Health & Physical Education
EDN - 17	Paper – XVII(b)	Contemporary Education in India
EDN - 18	Paper – XVIII(b)	Inclusive Practices
EDN - 19	Paper – XIX(b)	Environmental Education: Issues and Concerns
EDN - 20	Paper – XX(b)	Electives 1. Peace Education 2. Practical ethics 3. Guidance and counseling 4. Entrepreneurship Training 5. Tribal Education. 6. Classroom Management & Organization 7. Disaster Management Education
<b>SEMESTER -IV (B - PRACTICUM)</b>		
EDN – 21 (EPC4)	Paper – XXI(b)	Reflective Reading
EDN – 11 (EPC3)	Paper – XI(c)	ICT Mediation in Teaching – Learning
<b>SEMESTER -IV (C - INTERNSHIP) PHASE IV : 4 Week</b>		
EDN – 07	Paper – VII(b)	Reflective Journal Research-based Report (Action Research Community experience - based Report (Awareness camps, Rallies & Field Trips; School Management Committees (SMCs), PTA meetings and other school records), e- portfolio, CCE <b>Engagement: Seminar, Project / Discussions / Field based stories / study circles / Science clubs / Forums / Observations of Society, School, home on various issues and fieldwork.</b>
EDN 11(EPC2)	Paper - XI	ICT Mediation in Teaching - Learning: Spread across 2, 3 & 4 Semesters of 12, 36 & 12 periods respectively to facilitate its integration with Pedagogy during Internship

Note: 1 Paper VII, XII (a & b), XIII – deals with School internship and related field experience

2. A minimum of 20 students should be there to offer any elective.
3. Credits and hours
  - (i) Theory 1 credit @ 1 hour/week
  - (ii) Practicum 1 credit @ 2 hours/week
  - (iii) Internship 1 credit @ week.

#### IV. CREDITS OF THE COURSE B.Ed. 2015 - 16

<i>Semester - I</i>		<i>Credits</i>		
<b>A. Theory</b>		<i>Theory</i>	<i>Practicum</i>	<i>Total</i>
EDN – 01 Paper - I	Philosophical Perspectives of Education	4	1	5
EDN – 02 Paper - II	Psychology of Childhood and Adolescence	4	1	5
EDN – 03 Paper - III	School Organization and Management	4	1	5
EDN – 04 Paper - IV(a)	Pedagogy of a school subject (I/ II Method ) ( Mathematics , Social Sciences, Biological Science)	4	1	5
EDN – 05 Paper -V (a)	Pedagogy of a school subject ( I / II Method) ( Languages, Physical Science )	4	1	5
<b>Sub-total</b>		<b>20</b>	<b>5</b>	<b>25</b>
<b>B. Practicum</b>				
EDN 06 ( EPC1) – Paper - VI	Self Development (Communicative English, Life Skills & Yoga)		2	
<b>C. Internship – Phase I: 1 week</b>				
EDN 07 – Paper - VII (a)	Observation Record (Observation of Regular Teachers Teaching) & Visit to different Institutions		1	
<b>Sub-total</b>			<b>3</b>	<b>3</b>
<b>Total</b>		<b>20</b>	<b>8</b>	<b>28</b>

<b>A. Theory</b>		<i>Semester – II</i>		
EDN – 08	Sociological Perspectives of Education	4	1	5
EDN – 04 Paper - IV (b)	Pedagogy of a school subject (I / II Method ) ( Mathematics , Social Sciences, Biological Science)	4	1	5
EDN – 05 Paper - V(b)	Pedagogy of a school subject ( I / II Method) ( Languages, Physical Science )	4	1	5
<b>Sub total</b>		<b>12</b>	<b>3</b>	<b>15</b>
<b>B. Practicum</b>				
EDN 09 – Paper - IX	Microteaching & Reflective Teaching (I/ II Method)		1	
EDN 10 – Paper - X	Microteaching & Reflective Teaching ( I / II Method)		1	
EDN 11 ( EPC2) – Paper -XI(a)	ICT Mediation in Teaching - Learning			
<b>C. Internship –Phase II: 4 weeks</b>				
EDN 12 – Paper - XII ( a)	Teaching Practice – Period plan Record (10 lessons)		2	
EDN 13 – Paper - XIII (a)	Teaching Practice – Period plan Record (10 lessons)		2	
<b>Sub-total</b>			<b>8</b>	<b>8</b>
<b>Total</b>		<b>12</b>	<b>11</b>	<b>23</b>

<i>A. Theory</i>		<i>Semester - III</i>		
EDN-14 Paper - XIV	Assessment for Learning	4	1	5
<b>Sub-total</b>		<b>4</b>	<b>1</b>	<b>5</b>
<i>B. Practicum</i>				
EDN 11 ( EPC2) – Paper - XI(b)	ICT Mediation in Teaching - Learning			
EDN-15 (EPC 3) - Paper- XV	Drama & Art in Education		2	
<b>C. Internship –Phase III: 11 weeks</b>				
EDN 12 – Paper - X II(b)	Teaching Practice – Period plan Record (30 lessons)		5.5	
EDN 13 – Paper - XIII (b)	Teaching Practice – Period plan Record (30 lessons)		5.5	
<b>Sub-total</b>			<b>13</b>	<b>13</b>
<b>Total</b>	<b>Theory + Practicum</b>	<b>4</b>	<b>14</b>	<b>18</b>

<i>A. Theory</i>		<i>Semester - IV</i>		
EDN – 16 Paper – XVI	Health & Physical Education	2	1	3
EDN – 17 Paper – XVII	Contemporary Education in India	4	1	5
EDN – 18 Paper – XVIII	Inclusive Practices	2	1	3
EDN – 19 Paper – XIX	Environmental Education: Issues and Concerns	2	1	3
EDN – 20 Paper – XX	<b>* Electives</b> 1. Peace Education 2. Practical ethics 3. Guidance and counseling 4. Entrepreneurship Training 5. Tribal Education 6. Classroom Management & Organization 7. Disaster management Education	2	1	3
<b>Sub-total</b>		<b>12</b>	<b>5</b>	<b>17</b>
<i>B. Practicum</i>				
EDN 21 ( EPC4) – Paper - XXI	Reflective Reading		2	
EDN 11 Paper – XI(c)	ICT Mediation in Teaching - Learning		2	
<b>C. Internship – Phase IV: 4 weeks</b>				
EDN 07 – Paper - VII (b)	Reflective Journal Research-based Report (Action Research) Community experience – based Report (Awareness camps, Rallies & Field Trips; School Management Committees (Monitoring), PTA meetings and other school records e-Portfolio; and CCE		4	
<b>Sub-total</b>			<b>8</b>	<b>8</b>
<b>Total</b>	<b>Theory + Practicum</b>	<b>12</b>	<b>13</b>	<b>25</b>



	Theory	Practicum	Total Credits
Semester - I	20	8	28
Semester - II	12	11	23
Semester - III	5	13	18
Semester - IV	17	8	25
Grand Total	54	40	94

**Field Engagement:** Seminar, Project / Discussions / Field based stories / study circles / Science clubs / Forums / Observations of Society, School, home on various issues and fieldwork.

**EDN 11 (EPC2) – Paper - XI:** ICT Mediation in Teaching – Learning: Spread across 2, 3 & 4 Semesters of 12, 36 & 12 periods respectively to facilitate its integration with Pedagogy during Internship.

**Paper VII, XII, XIII** – deals with School internship and related field experience

\* A minimum of 20 students should be there to offer any elective.

Internship 1 credit @ week.

## V. SCHEME OF INSTRUCTION – B.Ed. Course

Syllabus Ref. No.	Subject	Instructional Days	Scheme of instruction		Grand total hours
			Hours per week	Total hours	
<b>A. Theory Semester - I</b>					
EDN – 01	Paper I	16.66	6	100	
EDN-02	Paper II	16.66	6	100	
EDN-03	Paper III	16.66	6	100	
EDN-04	Paper IV(a)	16.66	6	100	
EDN-05	Paper V (a)	16.66	6	100	
<b>Sub-total</b>		<b>83</b>	<b>30</b>	<b>500</b>	
<b>B. Practicum</b>					
EDN 06( EPC1)	Paper - VI	11	3.84	64	
<b>C. Internship – Phase I: 1 week</b>					
EDN 07 –	Paper - VII (a)	6	2.16	36	
<b>Sub-total</b>		<b>17</b>	<b>6</b>	<b>100</b>	
<b>Total</b>	<b>Theory + Practicum</b>	<b>100</b>	<b>36</b>	<b>600</b>	<b>600</b>

<b>A. Theory Semester – II</b>					
EDN – 04	Paper - IV (b)	16.66	6	100	
EDN – 05	Paper - V(b)	16.66	6	100	
EDN – 09	Paper - IX	16.66	6	100	
<b>Sub-total</b>		<b>50</b>	<b>18</b>	<b>300</b>	
<b>B. Practicum</b>					
EDN 09 –	Paper - IX	12	4.32	72	
EDN 10 –	Paper - X	12	4.32	72	
EDN 11( EPC2)	Paper - XI(a)	2	0.72	12	
<b>C. Internship – Phase II: 4 weeks</b>					
EDN 12 – a	Paper - X II (a)	12	4.32	72	
EDN 13 – a	Paper - XIII(a)	12	4.32	72	
<b>Sub-total</b>		<b>50</b>	<b>18</b>	<b>312</b>	
<b>Total</b>	<b>Theory + Practicum</b>	<b>100</b>	<b>36</b>	<b>600</b>	<b>600</b>

<b>A. Theory Semester - III</b>					
EDN – 14	Paper - XIV	16.66	6	100	
<b>Sub-total</b>		<b>16.66</b>	<b>6</b>	<b>100</b>	
<b>B. Practicum</b>					
EDN 11( EPC2)	Paper - XI(b)	6	2.24	37	
EDN 15 (EPC3)	Paper – XV	11	4	67	
<b>C. Internship – Phase III: 11 weeks</b>					
EDN 12 – b	Paper - XII ( b)	33	11.88	198	
EDN 13 – b	Paper - XIII (b)	33	11.88	198	
<b>Sub-total</b>		<b>83</b>	<b>29.84</b>	<b>500</b>	
<b>Total</b>	<b>Theory + Practicum</b>	<b>100</b>	<b>36</b>	<b>600</b>	<b>600</b>

<b>A. Theory</b>		<b>Semester - IV</b>				
EDN – 16	Paper – XVI	16.66	6	100		
EDN – 17	Paper – XVII	11.11	4	66		
EDN – 18	Paper – XVIII	11.11	4	66		
EDN – 19	Paper – XIX	11.11	4	66		
EDN – 20	Paper – XX	11.11	4	66		
<b>Sub-total</b>		<b>61</b>	<b>22</b>	<b>364</b>		
<b>B. Practicum</b>						
EDN 21 (EPC4)	Paper - XXI	11	3.84	64		
EDN 11(EPC2)	Paper – XI(c)	2	0.87	14		
<b>C. Post – Internship –Phase IV: 4 weeks</b>						
EDN 08	Paper - VIII (b)	26	9.48	158		
<b>Sub-total</b>		<b>39</b>	<b>14</b>	<b>236</b>		
<b>Total</b>	<b>Theory + Practicum</b>	<b>100</b>	<b>36</b>	<b>600</b>		<b>600</b>

	<b>Days</b>	<b>Hour / week</b>	<b>Hours / semester</b>
<b>Semester - I</b>	<b>100</b>	<b>36</b>	<b>600</b>
<b>Semester - II</b>	<b>100</b>	<b>36</b>	<b>600</b>
<b>Semester - III</b>	<b>100</b>	<b>36</b>	<b>600</b>
<b>Semester - IV</b>	<b>100</b>	<b>36</b>	<b>600</b>
<b>Grand Total</b>	<b>400</b>		<b>2400</b>

## VI. SCHEME OF EXAMINATION

Syllabus Ref. No.	Subject	Hours of Exam.	Marks		Total
			Univ. Exam	Int. Exam	
<b>A. Theory</b>		<b>Semester - I</b>			
EDN – 01	Paper I	3	70	30	100
EDN-02	Paper II	3	70	30	100
EDN-03	Paper III	3	70	30	100
EDN-04	Paper IV(a)	3	70	30	100
EDN-05	Paper V (a)	3	70	30	100
<b>Sub-total</b>			<b>350</b>	<b>150</b>	<b>500</b>
<b>B. Practicum</b>					
EDN 06( EPC1)	Paper - VI	1 ½	35	15	50
<b>Internship – Phase I: 1 week</b>					
EDN 07 –	Paper - VII (a)			50	50
<b>Sub-total</b>					<b>100</b>
<b>Total</b>	<b>Theory + Practicum</b>				<b>600</b>

<b>Theory</b>		<b>Semester – II</b>			
EDN – 04	Paper - IV (b)	3	70	30	100
EDN – 05	Paper - V(b)	3	70	30	100
EDN – 08	Paper - VIII	3	70	30	100
<b>Sub-total</b>					<b>300</b>
<b>Practicum</b>					
EDN 09 –	Paper - IX			50	50
EDN 10 –	Paper - X			50	50
<b>Internship – Phase II: 4 weeks</b>					
EDN 12 – a	Paper - X II( a)		25	25	50
EDN 13 – a	Paper - XIII(a)		25	25	50
<b>Sub-total</b>					<b>200</b>
<b>Total</b>	<b>Theory + Practicum</b>				<b>500</b>

<b>Theory</b>		<b>Semester - III</b>			
EDN – 14	Paper - XIV	3	70	30	100
<b>Sub-total</b>					<b>100</b>
<b>Practicum</b>					
EDN 15(EPC3)	Paper – XV	1 ½	35	15	50
<b>Internship – Phase III: 11 weeks</b>					
EDN 12 – b	Paper - XII ( b)		75	75	150
EDN 13 – b	Paper - XIII (b)		75	75	150
EDN 12 – c	Paper - XII ( c)		50		50
EDN 13 – c	Paper - XIII (c)		50		50
<b>Sub-total</b>					<b>450</b>
<b>Total</b>	<b>Theory + Practicum</b>				<b>550</b>

<b>Theory</b>		<b>Semester - IV</b>			
EDN – 16	Paper – XVI	1 ½	35	15	50
EDN – 17	Paper – XVII	3	70	30	100
EDN – 18	Paper – XVIII	1 ½	35	15	50
EDN – 19	Paper – XIX	1 ½	35	15	50
EDN – 20	Paper – XX	1 ½	35	15	50
<b>Sub-total</b>					<b>300</b>
<b>Practicum</b>					
EDN 21 (EPC4)	Paper - XXI	1 ½	35	15	50
EDN 11(EPC2)	Paper – XI(c)	1 ½	35	15	50
<b>Post – Internship –Phase IV: 4 weeks</b>					
EDN 07	Paper - VII (b)				
	1. Reflective Journal		25		
	2. Action Research Report		25		
	3. Community experience based Report		25		
	4. PTA & SMCs meeting report		25		
	5. e-Portfolio		25		
	6. CCE Record		25		150
<b>Sub-total</b>					<b>250</b>
<b>Total</b>	<b>Theory + Practicum</b>				<b>550</b>

	<b>Theory</b>	<b>Practicum</b>	<b>Total marks</b>
<b>Semester - I</b>	<b>500</b>	<b>100</b>	<b>600</b>
<b>Semester - II</b>	<b>300</b>	<b>200</b>	<b>500</b>
<b>Semester - III</b>	<b>100</b>	<b>450</b>	<b>550</b>
<b>Semester - IV</b>	<b>300</b>	<b>250</b>	<b>550</b>
<b>Grand Total</b>	<b>1200</b>	<b>1000</b>	<b>2200</b>

### VII. a. Working Hours / Instructional Hours

- Every college is expected to work for 6 hours a day. In other words, a working day should be of minimum 6 hours duration in a six-day working week i.e. 36 hours per week.
- The timings of the institution / college shall be from
  - Forenoon Session: 10.00 a.m. to 1.00 p.m. or 9.00 a.m. to 1.00 p.m.
  - Afternoon Session: 2.00 p.m. to 5.00. p.m. or 2.00 p.m. to 4.00 p.m.
- The college should not run B.Ed. Programme on shift system basis and the working hours of the college should be a minimum of 6 hours in a day. Any deviation from this rule may lead to the dis-affiliation and cancellation of recognition by the University, State Government and NCTE

#### 4 . Infrastructure, Instructional facilities and Faculty

The above shall be implemented as per NCTE norms, 2014 referred in the document under sections 5.1 Academic faculty; 5.2 Qualifications; 5.3 Administrative and professional staff; 6.1 Infrastructure; 6.2 Instructional and 6.3 other amenities.

### **VIII. Selection of Methods of Teaching**

- i. Every candidate is expected to select two methods of teaching under B.Ed. Course.

**The method-I** shall be based on the subject the candidate has studied in Degree (eligibility) course and also to appear in that subject in the entrance examination.

- ii. **Method-II** also shall be based on the subject that the candidate studied in Degree (eligibility) course and will be allotted by the institute where the candidate is seeking admission. In case of BCA & BBA candidates, the selection of subject shall be based on their Intermediate (+2) study as per Ed.CET norms.

In case of English Method-I, selection of second method shall be based on the subject pursued at the Intermediate level. In case of Engineering Graduates, Mathematics and Physical Science are offered as Methodology subjects.

#### **Note:**

- i. No candidate is allowed to select two language methods.
- ii. Candidate may select one Language and one Non-language method of teaching or she / he may select any two Non-language methods under the course.

### **IX. General Rules for Examination**

1. All Examinations of the University shall be held at Headquarters of the University or at such places and on such dates as may be notified.
2. Applications for permission to appear for an Examination shall be made on the prescribed form, accompanied by three passport size full face photographs (not profile) along with the necessary certificates regarding attendance, practical work, etc. The prescribed fee should be submitted to the concerned Principal on or before the date fixed for this purpose. The Principal, after verifying the eligibility of the candidate, shall forward the applications online to the Examination Branch of the University.
3. When a candidate's application is found to be in order, the Controller of Examinations shall send, as per the University procedure in practice, the attested Hall Tickets online

with the photograph of the candidate, to the Principal of the College of Education. The Principal will then ensure that the candidate has complied with all the conditions regarding eligibility criteria and only then, issue the Hall Ticket to him/her. The Hall Ticket, thus issued to the candidate shall have to be produced by the candidate by affixing a photograph (attested by the Principal) before he/she can be admitted to the premises where the Examination is held.

4. A candidate who fails to present himself for the examination due to any cause whatsoever except shortage of attendance or one who fails to pass the examination shall not be entitled to claim refund of the whole or part of the examination fee or ask for the reservation of the same for a subsequent examination or examinations.
5. A candidate who has been allowed to appear at the examination of the University once, but has not been able to appear or has failed to pass the examination may be permitted to appear at the same examination again without putting in any further attendance.
6. A candidate after he/she has been declared successful in an examination shall be given a certificate setting forth the semester / year of the examination, the subjects in which he/she was examined and the class/division/grade in which he/she was placed.
7. No candidate shall be allowed to put in attendance for or appear at two examinations at one and the same time. This rule does not apply to the examination for part-time Diploma or Certificate Courses conducted by the University. In other words, no candidate shall be allowed to pursue more than one-degree course through regular mode in K.U.
8. Students who have appeared once at any examination of the university need not put in fresh attendance if they want to re-appear for the same examination notwithstanding the fact that new subjects may have been introduced or the group of subjects has been changed by the university. They will, however, have to appear at the examination according to the scheme of examination and the syllabus in force.
9. Whenever a course or a scheme of examination in K.U. changes, one more examination in the following year shall be conducted according to the old syllabus/regulations. Candidates not availing themselves of this one chance or failing at this examination shall take the examination thereafter according to the changed syllabus and regulations.

10. Candidates will be allotted to B.Ed. course at the time of admission, strictly depending on the merit secured at the common entrance test and subject to the rules and regulations in force from time to time, including rules of reservation.
11. Instruction in various subjects shall be provided by the College of Education as per the scheme of instruction and syllabi prescribed.
12. The programme of instruction, examination and vacation shall be notified by the Kakatiya University.
13. The medium of instruction shall be English.
14. Kakatiya University examinations shall be held as prescribed in the scheme of the examination.
15. The course of study shall consist of class lectures, tutorials, workshops, Internship, engagement with the field, practicum & record work.
16. The Kakatiya University examination in the theory papers will be a written examination. Besides the written examination, there will be practical examinations in the two methods of teaching opted by the candidate. Practicum is examined by two jury members (one internal and one external examiner) which will be conducted as per the schedule notified by the Controller of Examinations, KU.
17. Principal of the College of Education should depute their teachers for examination work as and when assigned by the Kakatiya University. Examination work assigned by the University is part of duty of every teacher educator. Any kind of avoidance/negligence of examination duty shall be treated as violation of the Code of Conduct.

## **X. Rules of Attendance & Re-admission:**

### **A. Attendance:**

1. The degree of Bachelor of Physical Education shall be conferred on a candidate who, after getting admission into the B.Ed. course as specified above, has pursued a “Regular Course of Study” as herein prescribed and fulfilled the conditions laid-down for the attendance of students and passed the prescribed teaching examination both in theory and practical.



2. A regular course of study in Kakatiya University means attendance not less than 80% in teaching / instructional period and 90% of attendance during the period of practical / internship of the B.Ed. programme. In special cases, the Vice- Chancellor may condone deficiency of attendance not exceeding 10% on the recommendation of the Principal, College of Education based on medical certificate by an authorized Medical Officer under Government service not below the rank of a Physician.
3. Bio-metric attendance for teachers and students is compulsory from the academic year 2015-16 for the colleges of Physical Education under Kakatiya University jurisdictional Area. Attendance of students should be maintained subject-wise with running numbers i.e. 1,2,3,4,...for all working days. The submission of Hard & Soft copies of the teachers and students attendance should be done on or before 5<sup>th</sup> of every month to the Chairperson, BOS in Education, and Dean, Faculty of Education, KU.
4. For the students who are continuously absent for ten days or more, three notices will be served stating that he/she has to forfeit his/her seat, if he/she fails to report to the college immediately.
5. The students who do not have adequate attendance i.e., 80% in each paper of instruction and 90% of attendance during the period of practical / internship are not eligible for university examination or for the award of any scholarship or any kind of financial aid by the colleges or any other government or quasi-government agency.
6. The students who fail to maintain 40% to 70% of attendance are not eligible for seeking readmission as per KU rules in vogue.
7. Attendance shall be reckoned from the date of admission to the course in Kakatiya University.

**B. Re-Admissions:**

1. Candidates whose attendance is less than 70% but above 40% in B.Ed. programme are eligible for seeking admission as a casual candidate. Such readmission will be made by the Registrar on the recommendations of the Head / Principal of the College where the candidate has studied previously as a regular student.

2. Readmission will be given only once and that to in the consecutive year of the regular admission of the candidate.
3. Casual candidates should attend the classes regularly after admission. They should put in attendance of not less than 80% and 90% in theory and Practicum respectively.
4. The casual candidates are not eligible for any condonation of attendance on medical grounds.
5. Names of the casual candidates will be struck off from the rolls without any notice, if they are continuously absent for more than 10 days without any valid reason. Such candidates will forgo the right of their admission and they will not be readmitted.
6. Casual candidates are not eligible for any awards in examinations (Eg. Gold Medals) or any other scholarships.

#### **XI. Award of Class/Division/Grade**

<b>Division</b>	<b>% of Marks</b>	<b>Grade</b>
Outstanding	85% and above	O
First Class with Distinction	70% and above but less than 84%	A+
First Class	60% and above but less than 69%	A
Higher Second Class	55% and above and less than 59%	B+
Second Class	50% and above and less than 55%	B
Pass Division	40% and above but less than 49%	C
Fail	Less than 40%	F

***Minimum Pass marks in Theory Papers***                      **40%**

***Minimum Pass marks in Practical***

***Examinations /Field based reports / Records***                      **50%**

***Note: Candidates who have not passed the examinations in the first attempt along with the batch in which they were admitted are not eligible for Rank Certificates / Gold Medals / Prizes***

#### **Credits, Grade Letter, Grade Points, Credit Points**

- a) **Credit** is a unit of academic input measured in terms of the weekly contact hours assigned to a course.
- b) **Grade Letter** is an index to indicate the performance of a student in a particular Course (Paper). It is the transformation of actual marks secured by a student in a Course/Paper. It is indicated by a Grade Letter O, A+, A, B+, B, C, F. There is a range of marks for each Grade Letter.
- c) **Grade Point** is weightage allotted to each grade letter depending on the marks awarded in a course/paper.

- d) **Credit Points** number of credits assigned for the paper multiplied by grade point secured for that course / paper.

Award of Grades

Range of % of Marks	Theory		Practicum	
	Grade Letter	Grade Point	Grade Letter	Grade Point
85 to 100	O	10	O	10
70 to 84	A+	9	A+	9
60 to 69	A	8	A	8
55 to 59	B+	7	B+	7
50 to 54	B	6	B	6
40 to 49	C	5		
Less than 40	F			

**Semester Grade Point Average (SGPA)**

Credit Points for the paper = No. of Credits assigned for the paper x Grade Point secured for that course/Paper.

SGPA indicates the performance of a student in a given Semester. SGPA is based on the total credit points earned by the student in all the courses and the total number of credits assigned to the courses/papers in a Semester.

Note: SGPA is computed only if the candidate passes in all the papers (gets a minimum 'C' grade in all the Papers)

$$SGPA = \frac{\text{Total Credit Points in the Semester-1}}{\text{Total Credits in the Semester-1}}$$

**Cumulative Grade Point Average (CGPA)**

CGPA refers to the Cumulative Grade Point Average weighted across all the semesters (4 Semesters). CGPA is obtained by dividing the total number of credit points (CPTs) in all the semesters by the total number of credits in all the Semesters. The final result at the end of all the semesters is declared in the form of CGPA.

*Note: CGPA is calculated only when the candidate passes in all the papers of all the semesters.*

Formula for Calculation CGPA:

$$CGPA = \frac{SGPA1 \times \text{Total Credits Sem1} + SGPA2 \times \text{Total Credits Sem2} + SGPA3 \times \text{Total Credits Sem3} + SGPA4 \times \text{Total Credits Sem4}}{\text{Total credits Sem1} + \text{Total credits Sem2} + \text{Total credits Sem3} + \text{Total credits Sem4}}$$

**Note: The result of the successful candidates shall be classified as follows:**

- |      |                                  |                         |
|------|----------------------------------|-------------------------|
| i.   | First Division with Distinction: | CGPA from 9.00 to 10.00 |
| ii.  | First Division:                  | CGPA from 8.00 to 8.99  |
| iii. | Second Division with 55%         | CGPA 7.00               |
| iii. | Second Division:                 | CGPA from 6.00 to 6.99  |
| iv.  | Pass Division:                   | CGPA from 5.00 to 5.99  |

Example

**Semester – I**

Course/paper	Credits	% of Marks	Grade Letter	Grade Point	Credit Points = Credits x Grade Points
Paper-I	5	60	A	8	5 x 8 = 40
Paper-II	5	50	B	6	5 x 6 = 30
Paper-III	5	70	A+	9	5 x 9 = 45
Paper-IV a	5	60	A	8	5 x 8 = 40
Paper-V a	5	45	C	5	5 x 5 = 25
Paper-VI	2	50	B	6	2 x 6 = 12
Paper-VII a	2	55	B+	7	2 x 7 = 14
<b>Total</b>	<b>29</b>				<b>206</b>

Total Credit Points: 206

Total Credits: 29

$$SGPA = \frac{\text{Total Credit Points in the Semester-1}}{\text{Total Credits in the Semester-1}} = \frac{206}{29} = 7.1$$

**SGPA for Semester-1 = 7.1**

Example

**Semester –II**

Course/paper	Credits	% of Marks	Grade Letter	Grade Point	Credit Points = Credits x Grade Points
Paper-IV b	5	70	A+	9	5 x 9 = 45
Paper-V b	5	50	B	6	5 x 6 = 30
Paper-VIII	5	60	A	8	5 x 8 = 40
Paper-IX	2	55	B+	7	2 x 7 = 14
Paper- X	2	50	B	6	2 x 6 = 12
Paper- XII a	2	50	B	6	2 x 6 = 12
Paper- XIII a	2	55	B+	7	2 x 7 = 14
<b>Total</b>	<b>23</b>				<b>167</b>

Total Credit Points: 167

Total Credits: 23

$$SGPA = \frac{\text{Total Credit Points in the Semester-2}}{\text{Total Credits in the Semester-2}} = \frac{167}{23} = 7.26$$

**SGPA for Semester-2 = 7.26**

Example

**Semester –III**

Course/paper	Credits	% of Marks	Grade Letter	Grade Point	Credit Points = Credits x Grade Points
Paper-XIV	5	70	A+	9	5 x 9 = 45
Paper-XV	2	50	B	6	2 x 6 = 12
Paper- XII b	4.5	60	A	8	4.5 x 8 = 36
Paper- XIII b	4.5	50	B	6	4.5 x 6 = 27
Paper- XII c	1	60	A	8	1 x 8 = 8
Paper- XIII c	1	50	B	6	1 x 6 = 6
<b>Total</b>	<b>18</b>				<b>134</b>

Total Credit Points: 134  
Total Credits: 18

$$SGPA = \frac{\text{Total Credit Points in the Semester-3}}{\text{Total Credits in the Semester-3}} = 134 / 18 = 7.44$$

**SGPA for Semester-3 = 7.26**

Example

**Semester -IV**

Course/paper	Credits	% of Marks	Grade Letter	Grade Point	Credit Points = Credits x Grade Points
Paper- XV	3	70	A+	9	3 x 9 = 27
Paper-XVII	5	50	B	6	5 x 6 = 30
Paper-XVIII	3	60	A	8	3 x 8 = 24
Paper- XIX	3	55	B+	7	3 x 7 = 21
Paper- XX	3	55	B+	7	3 x 7 = 21
Paper- XXI	2	50	B	6	2 x 6 = 12
Paper- XI c	2	55	B+	7	2 x 7 = 14
Paper – VII b	4	55	B+	7	4 x 7 = 28
<b>Total</b>	<b>25</b>				<b>177</b>

Total Credit Points: 177

Total Credits: 25

$$SGPA = \frac{\text{Total Credit Points in the Semester-4}}{\text{Total Credits in the Semester-4}} = 177 / 25 = 7.08$$

**SGPA for Semester-4 = 7.08**

I Semester: Total CPTs = 206; Total Credits = 29  
 II Semester: Total CPTs = 167; Total Credits = 23  
 I Semester: Total CPTs = 134; Total Credits = 18  
 II Semester: Total CPTs = 177; Total Credits = 25

$$CGPA = \frac{206 + 167 + 134 + 177}{29 + 23 + 18 + 25} = 684 / 95 = 7.2$$

## XII. Improvement of Division / Grade

1. When a candidate has passed in one or more papers/subjects in the first attempt in the regular examinations(s) conducted by the University for his/her batch, paper-wise improvement is permissible only in those papers.
2. A candidate is permitted to appear for paper-wise improvement only once in the immediately following examination.

3. A candidate who wishes to improve his/her overall performance may be permitted to do so if he/she appears in the immediate next regular examination conducted by the University.
4. Regular examination means an examination conducted at the end of the academic year for which the candidates were admitted and had undergone instruction.
5. A candidate appearing for paper-wise improvement is permitted to have the better of the two awards for the purpose of award of class/division.

### **XIII. Appearance and Reappearance for the Examination**

1. Candidates who have completed practical work and submitted records specified in the curriculum alone are eligible to appear for theory and practical examination of B.Ed. course.
2. Candidates who have a minimum 80% attendance in Theory & 90% attendance in Practicum / Internship are alone eligible to appear Theory & Practical examination respectively.
3. A candidate who fails in the theory part of the examination may be allowed to reappear either in the concerned theory paper(s) in which he/she failed or in all the theory papers, at any subsequent examination without putting in further attendance, provided he/she does not change the subjects originally offered by him/her.
4. In case workshops, Internship, practicum & record work are not completed, the candidates will not be permitted to appear for the semester-end examination / final practical examination only after completing such practical work after seeking admission (re-admission) to B.Ed. as a casual student and producing thereafter, certificates of completion in the required areas.
5. Attendance at N.C.C. / N.S.S. Camps or Inter-Collegiate or Inter-University or Inter-State or National or International matches or Debates, Youth Festivals or Educational Excursions if they form the part of the curriculum, or attendance at such other inter-university, inter-college activities, as approved by the university, will not be counted as absence. However, the aggregate of such absence should not exceed two weeks in the entire course period.

#### **XIV. Teaching Faculty as Mentors**

Each lecturer in the College of Education will act as a mentor. They will be entrusted the responsibility of Mentorship, who will be responsible for monitoring the overall progress of the student teacher, i.e., attendance, preparation for practicum, Internship and his overall participation in the B.Ed. programme. Each mentor will be allotted a maximum of 15 student teachers and he/she will take care of his/her progress and participation in the B.Ed. programme. Each mentor, besides providing overall guidance, is also responsible for resolving of any problems faced by the students. Mentor will authenticate the report prepared by student-teachers and conduct of practicum of the B.Ed. programme.

*The Principal of the College of Education is expected to submit the list of mentors and the students allotted to each mentor to the Head, Department of Education.*

#### **XV. Microteaching, Reflective Teaching and Internship**

1. The candidates are expected to complete 2 microteaching lessons (choosing any two from different microteaching skills) in each Method before going for Internship.
2. The candidates are expected to take two period plans for duration of 20 minutes for their peer group as a part of their Reflective Teaching.
3. The candidates are expected to observe the demonstration lessons undertaken by the Faculty of the college in the school.
4. Every candidate shall have to undergo an internship of 20 weeks (120 working days) in a cooperating school as “Intern”. During this period, the candidate shall be attached to a school (within a radius of 10KM of the college) and he/she shall have to undertake duties & responsibilities on par with regular school teacher in all the school activities. During this period, the candidate shall teach 80 period plans covering 40 period plans from each of the methodology subject respectively (40 + 40) in the school, under the supervision of the trained subject teachers in the school who are referred to here as “Supervising Teachers”. During the Internship period, the concerned lecturers of the Colleges of Education will stay in the schools in turns and observe the lessons, Guide & monitor all internship related activities of each student along with the supervising teachers and appraise the student work. A Certificate of satisfactory work by the Head

Master of the cooperating school shall be a pre-requisite for the candidate to appear for the final practical examination.

5. The teaching staff of the Colleges of Education will give demonstration lessons in the concerned methodology subjects at the cooperating schools as and when necessary, in addition to the demonstration lessons given at the beginning of Internship, for the guidance of student-teachers.
6. In case, Internship is not completed, the candidate shall appear for the subsequent examinations in the Final Practical Examination only after completing the Internship by seeking fresh admission to B.Ed. in this regard and producing thereafter, certificates of completion of internship.
7. The final practical examination of each candidate will be conducted by two examiners – one internal and one external.
8. The Colleges of Education will have the discretion of not sending candidates for the final examination, both in Theory and Practical, in case their Practicum & Record Work is not satisfactory and those candidates who fail in the University Practical Examination & Record work also have to seek fresh admission in the subsequent semester(s) to complete their Practicum or Record Work as mentioned in the scheme of examination.
9. Internship is of 20 weeks (120 days) duration and conducted across four Semesters as per the instruction schedule.
- 10 All the records shall be written strictly by the candidates in their own handwriting.

**NOTE:**

*Differently-abled students (Hearing impaired; visually impaired & orthopedically impaired): The differently-abled students shall complete all the Practicum which includes Internship, Records, EPCs and other field engagement on par with normal students.*

**XVI. Guidelines for School Head Masters / Head Mistresses**

The Head Masters/Mistresses of Cooperating Schools are expected to:

1. Maintain the attendance of B.Ed. student teachers both for the forenoon and afternoon.



2. Give strict instructions to supervisors and monitor the classroom performance of the students and also to record their remarks in the period plan books of the candidates.
3. Instruct all the B.Ed. students to stay in the school from morning first bell to evening last bell.
4. Instruct the B.Ed. students to participate in School Assembly and also to present different value added activities in the assembly session.
5. Assign any activity related to clean and green programme, eco-club, conducting science fairs, exhibitions, festivals, debates, elocution, quiz, cultural and literary programmes, decoration activities, remedial classes, parent-teacher meetings, school management committees (SMCs), field trips, excursions and all other regular activities of the school and school based research activities.
6. Sign on the practicum and record work carried out by the students in the school.

**XVII. Transitory Provisions: Promotion, Re-admission Rules & Maximum Time for Completion of Course:**

Rules of promotion are as under:

SI. No.	Semester	Conditions to be fulfilled for Promotion														
1.	From Semester-I to Semester-II	Undergone a Regular Course of Study of Semester-I and registered* for the Semester-I examination.														
2.	From Semester-II to Semester-III	a) Undergone a Regular Course of Study of Semesters I and – II b) The number of backlogs if any, of Semester – I and II taken together, shall not exceed 50% of the total number of papers / subjects prescribed for Semesters – I and II.														
		<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">No. of papers / subjects prescribed for Semesters - I and II</td> <td style="width: 50%; border: none;">No. of backlog permitted</td> </tr> <tr> <td style="border: none; text-align: center;">7/ 8</td> <td style="border: none; text-align: center;">4</td> </tr> <tr> <td style="border: none; text-align: center;">9/10</td> <td style="border: none; text-align: center;">5</td> </tr> <tr> <td style="border: none; text-align: center;">11/12</td> <td style="border: none; text-align: center;">6</td> </tr> <tr> <td style="border: none; text-align: center;">13 / 14</td> <td style="border: none; text-align: center;">7</td> </tr> <tr> <td style="border: none; text-align: center;">15 / 16</td> <td style="border: none; text-align: center;">8</td> </tr> <tr> <td style="border: none; text-align: center;">17 / 18</td> <td style="border: none; text-align: center;">9</td> </tr> </table>	No. of papers / subjects prescribed for Semesters - I and II	No. of backlog permitted	7/ 8	4	9/10	5	11/12	6	13 / 14	7	15 / 16	8	17 / 18	9
No. of papers / subjects prescribed for Semesters - I and II	No. of backlog permitted															
7/ 8	4															
9/10	5															
11/12	6															
13 / 14	7															
15 / 16	8															
17 / 18	9															
3	From Semester-III to Semester-IV	Undergone a Regular Course of Study of Semester-III and registered* for the Semester-III examination.														

\* Registration means obtaining a Hall Ticket for the said examination.

The procedure to be followed for granting readmission to the students in the following cases:

- (1) A student who did not put in the required attendance in a semester/year of a course and thus detained
- (2) A student after completing a semester did not continue their studies in the next immediate semester on personal /health grounds but desired to continue his/her studies after a short break;
- (3) A student who has put in 40% of attendance in a Semester and not registered for the examination can take re-admission in the same semester without appearing for the entrance examination.
- (4) Candidates who, after completing a semester of the course but taken T.C to join some other course and come back to continue the earlier course.

In all the above cases, readmission is permissible provided they are within the period of double the duration of the course (i.e., Four years). Further, the approval of the university has to be obtained in respect of those students who take TC to join some other course and come back for readmission in the same college

All the readmissions including such of those students, who take TC and come back, shall be granted by the Principals of the concerned colleges directly subject to the fulfillment of the following conditions stipulated by the University.

- 1) They should have been promoted to next semester in which they are seeking readmission.
- 2) they should join the course within 4 weeks in case of semester system from the date of commencement of classes
- 3) They should be able to complete the course within the double the duration of the course (i.e., Four years) from the year of their original admission.
- 4) They should pay the readmission fee as prescribed by the University

***NOTE: No readmission shall be made after the cutoff date (4<sup>th</sup> week in a 16 week semester) under any circumstances. The cutoff date for granting readmission shall be reckoned from the date of commencement of classes for different courses as per the almanac communicated by the University every year.***

- 5) In the normal course of time a candidate is expected to complete B.Ed. Degree Course within two years (Four Semesters) from the date of admission.
- 6) Whenever the syllabus is revised, the candidate reappearing shall be allowed for B.Ed. Degree examinations according to the old syllabus up to 4 years from the time of his/her admission.
- 7) The four-semester two -year course should be completed by student within double duration of the normal course period (i.e. 4 years).

## **XVIII. Pattern of Theory Question Papers**

There are two Patterns of Theory Examinations – one with a duration of 3 hours for 70 marks; the other with a duration of 1 ½ hours for 35 marks. The question paper comprises two sections:

**In 70 marks paper, Section A** – consists of 8 very short answer type questions out of which a candidate is expected to answer any five questions. Each question carries 4 Marks. Total marks for Section – A is 20 marks. **Section B** – consists of eight essay type of questions, out of which a candidate is expected to answer any five questions in about four pages each. Each question carries 10 Marks. Total marks for Section – B is 50 marks.

**Similarly, for 35 marks paper, Section A** – consists of 5 very short answer type questions, out of which a candidate is expected to answer any three questions. Each question carries 5 Marks. Total marks for Section – A is 15 marks. **Section B** – consists of Four Essay type of questions, out of which a candidate is expected to answer any two questions in about four pages each. Each question carries 10 Marks. Total marks for Section – B is 20 marks.

## **XIX. Conduct of Practicum Examinations**

Each of the Practicum papers (EPCs) has examinations for 35 marks each and final practical examination (final lesson) for 50 marks. Details of the conduct of examination are given in respective papers.

Model Question Paper

Paper-I (EDN- 01)  
Philosophical Perspectives of Education

Time: 3 Hours

Max. Marks: 70

PART – A = 5 x 4 =20 Marks)

Note: Answer any five questions in about one page each from the following eight questions. Each question carries 4 marks.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

PART-B (5 x 10 = 50 Marks)

Note: Answer any Five essay questions in about three pages each from the following eight questions. Each question carries 10 Marks.

- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.
- 16.

Note:

1. The question paper should cover all the units judiciously.
2. Application type of questions may also be included.
3. Examiners may give questions from Practicum.

Model Question Paper

Paper- XV (EDN-15)  
Health & Physical Education

Time: 1 ½ Hours

Max. Marks: 35

PART – A = 3 x 5 = 15 Marks)

Note: Answer any three questions in about one page each from the following five questions. Each question carries 5 marks.

- 1.
- 2.
- 3.
- 4.
- 5.

PART-B (2 x 10 = 20 Marks)

Note: Answer any two essay questions in about three pages each from the following four questions. Each question carries 10 Marks.

- 6.
- 7.
- 8.
- 9.

Note:

1. The question paper should cover all the units judiciously.
2. Application type of questions may also be included.
3. Examiners may give questions from Practicum.