

**FACULTY OF ENGINEERING**

**RULES AND REGULATIONS**

for four year

**BACHELOR OF ENGINEERING**

**Degree Programme**

of

**OSMANIA UNIVERSITY**

(With effect from the academic year 2016-17)

(As approved in Faculty Meeting held on 18 June 2016)



Issued by

**Dean, Faculty of Engineering  
Osmania University, Hyderabad  
Telangana State**

July 2016

*M. J. Khan*  
*21/03/2022*  
**PRINCIPAL**  
Muffakhm Jah College Of  
Engineering & Technology,  
Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P

3.7 In case of the candidates who fail to put in 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 the 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 1 year 1 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, O.U. as per the Schemes of Instruction 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 as shown in the Table below. Corresponding Grade Points are also shown in the Table.

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
Below 40 %	F	0

4.4 **\*\***Out of 30 sessional marks for Theory Course, 10 marks are allotted for Assignments /Quizzes etc. At least two Assignments and one Quiz are to be conducted. The rest of the 20 marks are allotted for Internal Tests to be awarded as stated below.

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. Average 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.

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



4.8 **##** The evaluation of BE project for maximum of 100 marks will be done 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 and 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, O.U.

4.10 The medium of instruction and examination shall be 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 Examinations and the examinations pertaining to the other semesters conducted there after will be called as Supplementary Examinations.

4.12 To enable the B.E. 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 Main Examinations.

4.13. All the examination in Theory Course shall be conducted as written examination for a duration as prescribed in the Scheme of Examination. The examination in Laboratory Courses shall be conducted as written + oral together with carrying out the experiments as required in the specific Laboratory Course and for the specified duration. Laboratory record of experiments conducted during semester is also required to be produced at the semester end examination. For 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 shall be.

(i) Each Theory Subject 40% - E Grade

(ii) Each Practical Course and Project work 50% - D Grade

(iii) Drawing Course treated as practical/ Lab.Course 50% - D Grade

**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.

## V RULES OF PROMOTION

Rules of promotion are as under:

Sl. No.	Semester/Class	Conditions to be fulfilled for Promotion	
1.	From I Semester to II Semester	Regular program of study of BE I Semester	
	From II Semester to III Semester	a) Regular program of study of BE II Semester b) Must have earned at least 50% of credits prescribed for BE I Semester and II Semester put together. The number of credits a candidate can have as backlogs are as under.	
For Example		No. of credits prescribed for I Sem and II Sem	No. of credits permitted as backlogs*
		43/44	22
		45/46	23
		47/48	24
2.	From III Semester to IV Semester	Regular program of study of BE III Semester	
3.	From IV Semester to V Semester	a) Regular program of study of BE IV Semester b) No. of backlog credits, if any of BE I,II,III and IV Semester put together shall not exceed 50% of the total number of credits prescribed for the BE III & IV Semester	
For Example		No. of credits prescribed for III & IV Semester	No. of credits permitted as backlogs
		43/44	22
		45/46	23
		47/48	24
4.	From V Semester to VI Semester	Regular program of study of BE V Semester	
5.	From VI Semester to VII Semester	a) Regular program of study of BE VI Semester b) No. of backlogs, if any of BE I to VI Semester put together shall not exceed to 50% of the total number of credits prescribed for the BE V & VI Semester	
For Example		No. of credits prescribed for V and VI Semester	No. of credits permitted as backlogs
		43/44	22
		45/46	23
		47/48	24
6.	From VII Semester to VIII Semester	Regular program of study of BE VII Semester	



- \*Notes:**
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.E. 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.E. Programme.

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

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

SGPA is calculated upto second decimal point

SGPA is calculated only when all subjects in that semester are Cleared / Passed

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

CGPA at a given point of Semester is calculated upto second decimal point

CGPA is calculated only when total credits earned are equal to total credits prescribed as per scheme up to a semester in which the candidate has last appeared for Semester End Examination.

## 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 hereinafter 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.

## 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.E. 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.