PART II

FACULTY OF ENGINEERING AND TECHNOLOGY

21.0 SPECIFIC REGULATIONS FOR B. Tech. & M. Tech. PROGRAMMES

The Faculty of Engineering and Technology currently comprises of Departments functioning under the guidance of a Dean and respective Heads of the Departments. All these Departments listed below have well qualified and experienced Professors and other faculty members, advanced laboratories, sophisticated equipments, adequate computer systems and internet connectivity.

22.0 DURATION OF THE PROGRAMME

22.1 PROGRAMMES OFFERED BY DIFFERENT DEPARTMENTS. THEIR CODES AND DURATION

S. No	Department	Code	Programme					
			UG	Duration (Semester)		PG	Duration (Semester)	
				Min	Max		Min	Max
1.	BioTechnology	BT	B.Tech. (Bio Technology) FT	8	12	M.Tech. (Bio- Technology - FT)	04	08
			B.Tech. (Bio-Informatics) FT	8	12	M.Tech. (Medical Bio- Technology - FT)	04	08
						M.Tech. (Energy and Environmental Technology - FT)	04	08
2.	Chemical Engineering	Ch.E	B.Tech. (FT) B.Tech (PT)	8 7	12 11	M.Tech.- (Chemical Engineering -FT)	04	08
						M.Tech. – (Chemical Engineering -PT)	06	10
						M.Tech.- (Petroleum Refining and Petrochemicals - FT)	04	08
						M.Tech. – (Petroleum Refining and Petrochemicals - PT)	06	10

S. No	Department	Code	Programme					
			UG	Duration (Semester)		PG	Duration (Semester)	
				Min	Max		Min	Max
3.	Civil Engineering	CE	B.Tech. (FT)	8	12	M.Tech. (Structural Engineering -FT)	04	08
			B.Tech. (PT)	7	11	M.Tech. (Structural Engineering - PT)	06	10
			B.Tech. (FT) (Lateral Entry)	6	10	M.Tech. (Environmental Engineering-FT)	04	08
						M.Tech. (Environmental Engineering -PT)	06	10
						M.Tech. (Transportation Engineering - FT)	04	08
						M.Tech. (Transportation Engineering - PT)	06	10
						M.Tech. (Remote Sensing - FT)	04	08
						M.Tech. (Remote Sensing - PT)	06	10
						M.Tech. (Construction Engineering -FT)	04	08
						M.Tech. (Construction Engineering - PT)	06	10
						M.Tech (Energy and Environmental Technology - FT)	04	08
						M.Tech (Energy and Environmental Technology - PT)	06	10
4.	Computer Science & Engineering	CS	B.Tech. (FT) (CSE)	8	12	M.Tech.-CSE (FT)	04	08
			B.Tech. (FT) (CSE) (Lateral Entry)	6	10	M.Tech.-CSE (PT)	06	10
			B.Tech. (PT) (CSE) (for Diploma)	7	11	M.Tech.-(Computer Systems and Network – FT)	04	08
			B.Tech (ISDF) FT	8	12	M.Tech.- (Computer Systems and Network -PT)	06	10
			B.Tech (ISDF) PT	7	11	M.Tech.-(Integral Digital Entertainment - FT)	04	08

						M.Tech.- (Integral Digital Entertainment-PT)	06	10
						M.Tech. – (Information Securities and Cyber Forensics - FT)	04	08
						M.Tech. – (Information Securities and Cyber Forensics - PT)	06	10
						M.Tech (Cloud Computing – FT)	04	08
						M.Tech (Cloud Computing – PT)	06	10

S. No	Department	Code	Programme					
			UG	Duration (Semester)		PG	Duration (Semester)	
				Min	Max		Min	Max
5.	Electronics & Communication Engineering	EC	B.Tech. (ECE) (FT)	08	12	M.Tech.-(Applied Electronics -FT)	04	08
			B.Tech. (ECE) (FT) (Lateral Entry)	06	10	M.Tech.-(Applied Electronics -PT)	06	10
			B.Tech. (ECE) (PT) (for Diploma)	07	11	M.Tech.- (Communication System - FT)	04	08
			B.Tech. (Electronics and Tele communication Engineering-FT)	08	12	M.Tech.- (Communication System -PT)	06	10
			B.Tech. (Electronics and Tele Communication Engineering-PT)	07	11	M.Tech. (VLSI /Design and Embedded System Engineering - FT)	04	08
			B.Tech. (Nano Electronic Engineering-FT)	08	12	M.Tech.(VLSI / Design and Embedded System Engineering -PT)	06	10
			B.Tech. (Nano Electronics Engineering-PT)	07	11	M.Tech. (Wireless Communication-FT)	04	08
						M.Tech.(Satellite Communication - FT)	06	10
						M.Tech (Computer and Communication Engg) – FT	04	08

						M.Tech (Computer and Communication Engg) – PT	06	10
						M.Tech (Nano Technology) – FT	04	08
6.	Electrical & Electronics Engineering	EE	B.Tech. (FT)	08	12	M.Tech (Nano Technology) – PT	06	10
			B.Tech. (FT) (Lateral Entry)	06	10	M.Tech.-Power Systems -PT)	06	10
			B.Tech. (PT)	07	11	M.Tech. (Power Electronics and Drives - FT)	04	08
			B.Tech (EPEE) – FT	08	12			
			B.Tech (EPEE) – PT	07	11	M.Tech. -Power Electronics and Drives - PT)	06	10
						M.Tech (Electrical drives and embedded control) FT	04	08
						M.Tech (Electrical drives and embedded control) PT	06	10
						M.Tech (Sustainbale Power) – FT	04	08
						M.Tech (Sustainbale Power) – PT	06	10
7.	Electronics & Instrument Engineering	EI	B.Tech. (E&I) (FT)	08	12	M.Tech. – (E&I) (FT)	04	08
			B.Tech. (E&I) (PT)	07	11	M.Tech. (Electronics and Control Engineering-PT)	06	10
			B.Tech. (E&I) Lateral Entry	06	10	M.Tech. (Process Control Engineering -PT)	06	10
			B.Tech. (Electronics and Control Engineering-FT)	08	11			
						M.Tech (ECE) FT	04	08
			B.Tech. (Bio Medical & Instrumentation -FT)	08	12			
						M.Tech (PCE) FT	04	08
						M.Tech (BMI) FT	04	08
						M.Tech (BMI) PT	06	10

S. No	Department	Code	Programme					
			UG	Duration (Semester)		PG	Duration (Semester)	
				Min	Max		Min	Max
8.	Information Technology	IT	B.Tech. (IT) (FT)	08	12	M.Tech. (IT) - FT	04	08
			B.Tech. (IT) (PT)	07	11	M.Tech (IT) PT	06	10
			B.Tech. (IT)(FT) Lateral Entry	06	10			
			B.Tech. (IT and Visual Communication-FT)	08	12			
			B.Tech. (IT and Media Entertainment - FT)	08	12			
			B.Tech. (IT and Business Computing - FT)	08	12			
9.	Instrumentation & Control Engineering	IC	B.Tech. (ICE) (FT)	08	12	M.Tech.- (ICE) (FT)	04	08
			B.Tech. (ICE) (PT)	07	11	M.Tech.- (ICE) (PT)	06	10
			B.Tech. ICE)(FT) Lateral Entry	06	10			
10.	Mechanical Engineering	ME	B.Tech. (M.E)(FT)	08	12	M.Tech. (Design Engineering - FT)	04	08
			B.Tech. (M.E)(PT)	07	11	M.Tech. (Design Engineering - PT)	06	10
			B.Tech. (FT) (Lateral Entry)	06	10	M.Tech. (Industrial Engineering - (FT)	04	06
			B.Tech. (Automotive Engineering - FT)	08	12	M.Tech. (Industrial Engineering - PT)	06	10
						M.Tech.(Bio-Mechanical Engineering- FT)	04	08
			B.Tech (Aeronautical Engineering) FT	8	12	M.Tech. (Bio – Mechanical Engineering - PT)	06	10
			B.Tech (Aeronautical Engineering) FT	7	11	M.Tech. (CAD/CAM - FT)	04	08
						M.Tech. (CAD/CAM - PT)	06	10
						M.Tech. Cryogenics Engineering - FT)	04	08
						M.Tech. Cryogenics Engineering - PT)	06	10
						M.Tech. (Energy Engineering - FT)	04	08

						M.Tech (Automotive Engineering) PT	06	10
						M.Tech. (Energy Engineering - PT)	06	10
						M.Tech. (Thermal Engineering - FT)	04	08
						M.Tech. (Thermal Engineering- PT)	06	10
						M.Tech.(Automotive Engineering - FT)	04	08

22.1.1 Each semester shall normally consist of 90 working days or 15 weeks or 450 hours.

22.1.2 A student is ordinarily expected to complete the B.Tech programme in eight semesters for regular programme and in 6 semesters under lateral entry scheme. However, a student may complete the programme at a slower pace but in any case, not more than 12 semesters under regular programme and 10 semesters for the lateral entry programme excluding semesters withdrawn on medical grounds etc.

22.1.3 In compliance with the rules and norms of UGC, no student will be allowed to complete the B.Tech degree in less than 8 full-semesters.

22.1.4 Temporary withdrawal from the programme may be permitted by the Registrar for a semester or longer for reasons of ill health or other valid reasons. Normally a student will be permitted to discontinue from the programme only for a maximum continuous period of two semesters or the aggregate of individual discontinuation not exceeding two semesters.

22.1.5 A candidate who has fulfilled the following conditions shall be deemed to have satisfied the requirements for the completion of a semester:

i) He/She secures not less than 75% attendance in a given semester taking into account the total number of periods in all courses put together attended by the candidate, as against the total number of periods in all courses offered during that semester.

ii) He/She earn a progress certificate from the Controller of Examination for having satisfactorily completed all the courses in that semester, as prescribed from time to time with the knowledge of the Departmental Head.

iii) His/Her conduct is considered to be satisfactory unless and otherwise notified by the Head of the Department.

22.1.6 Candidates who do not complete the two semesters of an academic year will not be permitted to write the end semester examination and are not generally

allowed to proceed to the next academic year. They are required to repeat the incomplete courses of the semester in the next academic year.

22.2 ELIGIBILITY CRITERIA FOR ADMISSIONS

Admission for all U.G. & P.G. Programmes will be made only to the first year. However, for specific U.G. programmes lateral entries are allowed during the 3rd semester. For details of the Programme and eligibility refer Sec. 22.2.5.

22.2.1 U.G. PROGRAMMES (B. TECH. FULL TIME AND B. TECH. PART TIME)

S.No.	Programme	Eligibility Criteria
1.	B. Tech.(Full Time) BT/CT/CE/CS/EC EE/EI/IT/IC/ME	1. Passing in HSC/Equivalent 2. Age Limit: As and when stipulated by Ministry of HRD/UGC.
2.	B. Tech.(Part Time) CE/CS/EE/EC/EI/ IT/IC/ME	1. B. Sc Maths./Physics/ Chemistry with appropriate experience. 2. Diploma in (10+3 or 10+2+3) respective fields with minimum 2 years experience 3. Age Limit: As and when stipulated by Ministry of HRD/UGC.
3.	B. Tech.(Lateral Entry) CT/CE/CS/EE/EC/EI/IT/IC/ME	1. B. Sc. Maths. /Physics/ Chemistry 2. Diploma in (10+3 or 10+2+3) respective fields. 3. Age Limit: As and when stipulated by Ministry of HRD/UGC.

22.2.2 P.G. PROGRAMMES (FULL TIME)

S. No.	Department	P.G. Programmes Offered	Eligibility for admission
1.	Bio Technology	M. Tech. (Bio - Technology)	B. Tech. (Bio-Technology)
		M. Tech. (Medical Bio-Technology	B. Tech. (Bio Technology)

		M. Tech. (Energy and Environmental Technology)	B. Tech. (Bio Technology)
2.	Chemical Engineering	M. Tech. Chemical Engineering	B.E/B. Tech. or AMIE or equivalent in Chemical/Electro Chem.
		M. Tech. Petroleum Refining & Petrochemicals	B.E./B. Tech. or AMIE or equivalent in Chemical /M.Sc. Petro Tech..
3.	Civil Engineering	M. Tech. – Transportation Engg.	B.E./B. Tech. Civil
		M. Tech.-Construction Engg	B.E/B. Tech. Civil
		M. Tech. – Remote Sensing	B.E/B. Tech. Civil
		M. Tech. – Structural Engg.	B.E/B. Tech. Civil
		M. Tech. – Environmental Engg.	B.E/B. Tech. Civil
4..	Computer Science and Engineering	M. Tech. – Computer Science & Engg.	B.E./B. Tech. or AMIE or equivalent in CSE/EEE/ECE/ E&I/ICE/IT or M.Sc. (Electronics) or MCA
		M. Tech. Computer Systems & Networks	B.E./B. Tech. or AMIE or equivalent in CSE/EEE/ECE/ E&I/ICE/IT
		M. Tech. – Integrated Digital Entertainment	B.E./B. Tech. or AMIE or equivalent in CSE/IT/ECE
		M. Tech. – Information Securities & Cyber Forensics	B.E./B. Tech. or AMIE or equivalent in CSE/IT/ECE
5.	Electronics & Communicatio n Engineering	M. Tech. – Applied Electronics	B.E./B. Tech. or AMIE or equivalent in EEE/ECE/ICE/E&I
		M. Tech.-Communication Systems	B.E. or AMIE or equivalent in ECE
		M. Tech. – VLSI Design and Embedded System Engineering.	B.E./B. Tech. or AMIE or equivalent in EEE/ECE/ICE/ E&I/CSE/IT

		M. Tech. – Wireless Communication	B.E./B. Tech. or AMIE or equivalent in ECE/EIE/ICE/CSE
		M. Tech. – Satellite Communication	B.E./B. Tech. or AMIE or equivalent in ECE/ICE/E&I
6.	Electrical and Electronics Engineering	M. Tech. – Power Electronics & Drives	B.E/B. Tech. or AMIE or equivalent in EEE/ECE/ICE /E&I.
		M. Tech. –Power Systems	B.E./B. Tech. or AMIE or equivalent in EEE/ECE/ICE/ E&I/CSE
7.	Electronics and Instrumentatio n Engineering	M. Tech. - Electronics and Instrumentation	B.E./B. Tech. or AMIE or equivalent in ICE,E&I,ECE,EEE
		M. Tech.-Electronics and Controls Engineering	B.E./B. Tech. or AMIE or equivalent in ICE,E&I,ECE,EEE
8.	Information Technology	M.Tech.-Information Technology	B.E./B. Tech. or AMIE or equivalent in CSE/IT/ECE

22.2.3 P.G. PROGRAMME (PART TIME)

S. No.	Department	P.G. Programmes Offered	Eligibility
1.	Chemical Engineering	M. Tech.-Chemical Engg.	B.E./B. Tech. or AMIE or equivalent in Chemical / Electro Chem.
		M. Tech.-Petroleum Refining & Petrochemicals	B.E./B. Tech. or AMIE or equivalent in Chemical /M.Sc. Petro Tech..
2.	Civil Engineering	M. Tech.-Transportation Engg.	B.E./B. Tech. Civil
		M. Tech.-Construction Engg.	B.E./B. Tech. Civil
		M. Tech.-Remote Sensing	B.E./B. Tech. Civil
		M. Tech.- Structural Engg	B.E./B. Tech. Civil
		M. Tech.-Environmental Engg.	B.E./B. Tech. Civil
3.	Computer Science &	M. Tech.- Computer Science & Engg.	B.E./B. Tech. or AMIE or equivalent in

	Engineering		CSE/EEE/ECE/E&I/ICE/IT or M.Sc. (Electronics) or MCA
		M. Tech.-Information Security & Cyber Forensic	B.E./B. Tech. or AMIE or equivalent in CSE/IT/ECE
		M. Tech.-Integrated Digital Entertainment	B.E./B. Tech. or AMIE or equivalent in CSE/IT/ECE
		M. Tech.-Computer Systems & Networks	B.E./B. Tech. or AMIE or equivalent in CSE/EEE/ECE/ E&I/ICE/IT
4.	Electronics & Communication Engineering	M. Tech.-Applied Electronics	B.E./B. Tech. or AMIE or equivalent in EEE/ECE/ICE/E&I
		M. Tech.-Communication Systems	B.E. or AMIE or equivalent in ECE
		M. Tech.-VLSI Design and Embedded System Engineering.	B.E./B. Tech. or AMIE or equivalent in EEE/ECE/ICE/E&I/CSE/IT
5.	Electrical & Electronics Engineering	M. Tech.-Power Electronics & Drives	B.E./B. Tech. or AMIE or equivalent in EEE/ECE/ICE/E&I
		M. Tech.-Power Systems	B.E./B. Tech. or AMIE or equivalent in EEE/ECE/ICE/E&I/CSE
6.	Electronics and Instrumentation Engineering	M.Tech.- Electronics and Control Engineering	B.E, B.Tech., AMIE or equivalent in E&I, ICE, EEE, ECE or M.Sc (Electronics)
		M.Tech. Process Control Engineering	B.E, B.Tech., AMIE or equivalent in E&I, ICE, EEE, ECE or M.Sc (Electronics)
7.	Instrumentation & Controls Engineering	M.Tech.- Instrumentation & Control Engg.	B.E./B.Tech. or AMIE or equivalent in ICE/ECE/EEE/E&I
8.	Mechanical Engineering	M.Tech.-Engineering Design	B.E./B.Tech. or AMIE or equivalent in Mechanical/Auto/Production/ Manufacturing/Industrial
		M.Tech.-Thermal Engineering	B.E./B.Tech. or AMIE or equivalent in Mechanical/Auto/Production/ Manufacturing/Industrial
		M.Tech.-Automobile Engineering	B.E./B.Tech. or AMIE or equivalent in Mechanical/Auto/Production/ Manufacturing/Industrial

		M.Tech.-Industrial Engg.	B.E./B.Tech. or AMIE or equivalent in All Branches
		M.Tech.-Energy Engg.	B.E./B.Tech. or AMIE or equivalent in Mechanical/Production/ EEE Automotive
		M.Tech.-CAD/CAM	B.E./B.Tech. or AMIE or equivalent in Mechanical /Production

** Age limit as stipulated by Ministry of HRD (relaxation applicable for SC/ST candidates as per Government guidelines).

22.2.4 UG PROGRAMME (FULL TIME/PART TIME)

Candidates who have passed their Diploma courses under Part time, are also eligible for seeking admission to the various disciplines of the B. Tech. (Part Time/Full Time) programmes, provided they have completed 25 years of age as on 1st July that year. They are also eligible for 45 credits for their Diploma, as in the case of full time Diploma holders, towards the completion of their B. Tech. degree requirements of 180 credits. In addition they have to study two extra subjects of three credits each; thereby, the total credit for passing the course is 186.

22.2.5 LATERAL ENTRY IN U.G PROGRAMME (FULL TIME)

(i) The candidates who possess the Diploma in Engineering / Technology awarded by the State Board of Technical Education, Tamilnadu or its equivalent are eligible to apply for Lateral entry admission to the third semester of B.Tech, in the branch corresponding to the branch of study. (OR)

(ii) The candidates who possess the Degree in Science (B.Sc.,) (10+2+3 stream) with Mathematics as a subject at the B.Sc. level are eligible to apply for Lateral entry admission to the third semester of B.Tech. Such candidates shall undergo two additional Engineering subject(s) in the third and fourth semesters as prescribed by the University.

22.2.6 TRANSFER CANDIDATES

Candidates seeking transfer from other recognized Institutions (Colleges / Universities) can be admitted to the relevant semester based on credit match and equivalence. They may need to redo the courses as per the University requirements.

23.0 STRUCTURE OF THE B.TECH PROGRAMME

23.1 All Under Graduate programmes offered by the University under Engineering & Technology follow semester pattern distributed over eight semesters, six semesters for lateral entry students and duration of semesters recommended by the Admission Committee for transfer candidates.

23.2 Every programme will have curriculums with syllabi consisting of Core and Elective Courses such as:

i) Humanities and Social Sciences (HS), including Management
ii) Basic Sciences (BS) including Mathemaics, Physics, Chemistry, Biology
iii) Engineering Sciences (ES), including Materials, Workshop, Drawing, Basics of Electrical / Electronics / Mechanical / Computer Engineering, Instrumentation
iv) Professional Subjects-Core (PC), relevant to the chosen Specialization / branch
v) Open Subjects – Electives (OE), from other technical and/or emerging Subject areas
vi) Project Work, Seminar and/or Internship in Industry or elsewhere.

There shall be a certain minimum number of core courses and sufficient number of elective courses that can be opted by the students as per the mandatory requirements of the statutory bodies.

23.3 Each course is normally assigned a certain number of credits with 1 credit per Lecture period per week, 1 credit per tutorial period per week, 1 credit for 2 periods of laboratory or practical or seminar or project work per week.

23.4 The students can opt for there technical skills and one open elective subject as per the requirements stipulated by the statutory agencies. All students choosing a particular course shall be required to register for the MOOCs for the particular course or paper.

23.5 The programme core shall include supervisory learning and more of practical components as well.

23.6 Students before choosing the online learning courses to be taken by them from the SWAYAM platform shall get it duly approved by the Competent Authority of our University who also decides the extent to which this is relevant and shall merit for the credit transfer.

23.7 The medium of instruction is English for all courses, examinations, seminar presentations and project reports.

23.8 Each semester curriculum shall normally have a prescribed number of courses with a blend of lecture and practical. There are provisions both for fast learners and slow learners.

23.9 For the award of the degree, following credit pattern, a student has to earn certain minimum total number of credits specified in curriculum of the relevant branch of study.

23.10 All students shall enroll, on admission, in any one of the professional societies relevant to their branch of study and participate in the activities of the society for their professional development.

23.11 All students shall undergo compulsorily at least one month industrial training during the vacation, any time prior to the seventh semester examination and identify the problems for their project work later.

24.0 CHANGE OF BRANCH FOR B. Tech. COURSES

Change of branch will be considered only at the end of the second semester based on the successful completion and performance of the first two semesters and no change of branch will be entertained in any other semester.

25.0 STUDENT ASSESSMENT in B. Tech. / M. Tech.

25.1 Objectives:
The primary objective of student assessment is to motivate them for right learning.

The secondary objective is to grade students according to their academic performance.

25.2 ASSESSMENT METHOD

S.No..	Types	Internal Assessment Tests	Weightage	End Semester Examination	Weightage
1.	Theory	T_1 T_2 T_3	50	ET	50
2.	Theory & Practical	T_1 T_2 T_3	30	ET	30
		P_1 P_2	20	EP	20
3.	Practical	P_1 P_2	50	EP	50

Average of CAT - 1 and CAT – 2 marks + CAT – 3 marks shall be considered for grading).

25.3 INTERNAL ASSESSMENT TESTS

The teacher concerned sets the question papers, conducts tests, corrects the answer papers and distributes the same to the students within a week after conducting the test, and displays the test keys with answers on the notice board or on the web.

The test is of one and half hour duration covering two units. Discrepancies / grievances on evaluation may be brought to the notice of the teacher concerned. The teachers would attend to the requests and take suitable remedial action. The finalized test marks (Refer 25.3.1) are sent to the Controller of Examinations for office record through the Head of the Department one week before the closing of the semester.

Practical tests are conducted and evaluated as per the schedule drawn and average of the two tests is taken for the weightage. These test marks are made available to the students within a week after the test. The mark lists are sent to the Controller of Examinations through the Head of the Department before one week of the closing of the semester.

25.3.1 WEIGHTAGE FOR INTERNAL ASSESSMENT

For evaluating the student, the weightage will be given as per the curriculum/scheme of evaluation for the Internal Assessment. The Internal Assessment will be done by way of conducting tests and Assignments. The structure of weightage of Internal Assessment is, 45% weightage for Comprehensive Examination (CAT- 3), to be conducted at the end of a semester, 40% Weightage for CAT – 1 and CAT – 2 and 15% weightage for Assignment.

25.3.2 If a student is not able to write any of the tests due to genuine reasons, the Head of the Department concerned may arrange to conduct a special test and the same may be considered for internal evaluation. However, not more than one such test shall be conducted for a student in a subject for the semester.

26.0 ATTENDANCE REQUIREMENT FOR ATTENDING THE END SEMESTER EXAMINATIONS.

The teacher handling a subject of study must finalize the attendance percentage and performance report three days prior to the last instruction day of the subject of study in the semester and send it to Head of the Department and Dean. The students falling short of 75% attendance are normally not allowed to write the end semester examinations. However, those students who have less than 75% attendance for reasons of medical and other emergency situations can be considered for condoning of attendance by the Vice Chancellor provided their overall attendance in a subject of study including the period of illness etc., does not fall below 60%. If the attendance falls short due to medical ground backed by medical certificate, up to 5% shortfall can be condoned by the Dean and if it is more than 5%, the Vice Chancellor will have the discretionary power for condoning on a case-to-case basis. The students falling short of 60% attendance have to re-do the courses in the next academic year.

26.1 ELIGIBILITY REQUIREMENTS FOR THE AWARD OF DEGREES

A student will have to earn credits as given below for the award of degrees.

01. All B. Tech. Courses – Full Time – 181 + Additional 4 credits for Communication Skills = 185
02. All B. Tech. Courses – Lateral Entries / Transfer – 136 + Additional 4 credits for Communication skills = 140
03. All B. Tech. Courses – Part Time – 181-(48 for diploma +28 for Industrial Experience) =105
04. M. Tech. Courses (FT & PT) – 75

27.0 END SEMESTER EXAMINATIONS for B. Tech. / M. Tech.

Question papers for end semester examination will be set by External Examiners chosen from a panel of qualified and experienced teachers formed by the Controller of Examinations, under the advice of concerned Heads of the Departments and duly approved by the Vice Chancellor

A Question Paper Passing Board will be set up by the Vice Chancellor for reviewing the question papers for end semester examinations.

27.1 VALUATION OF END SEMESTER EXAMINATION ANSWER PAPERS

Valuation for all U.G. courses will be done by external faculty drawn from a panel maintained by the Controller of Examinations. Central valuation will be done with adequate arrangements to maintain reliability of the system.

For all P.G. courses double valuation will be done; first by the internal faculty and the second by the external faculty. Any discrepancy of more than 15% marks may lead to third valuation and the averages of the nearest two valuation marks will be taken as the theory mark of candidate. For all Practical examinations, an external faculty member will be present for conducting the end semester examination and evaluating the student based on his Practical skills as well as knowledge to be ascertained by viva voce.

27.2 REVALUATION OF END SEMESTER EXAMINATION ANSWER PAPERS

For all U.G. courses revaluation will be done on written request by students. After the first revaluation, requests for the revaluation of answer scripts for a second time will not be entertained.

27.3 PROJECT EVALUATION

The continuous assessment carries 50% and is done through three seminar presentations and the end semester examination carries 50% for the report submitted and viva voce. For the final assessment, both internal as well as external faculty should be available for a joint assessment.

28.0 PASSING REQUIREMENT

A Results Passing Board constituted by the Vice Chancellor reviews the results and performance of the students, for any corrective action, if required.

28.1 A candidate shall be declared to have passed the examination, if she/he secures not less than 50% of total marks prescribed for the course/subject of study with a minimum of 50% marks prescribed for the end semester examination, as certified by the result passing board. For Practical/lab related courses, section 25.2 is applicable.

29.0 AWARD OF LETTER GRADES AND CLASSIFICATION OF DEGREES

Refer Sec. 13.0 of Regulations for the award of grades and refer Sec. 15 for classifications of degrees awarded.

29.1 A candidate is said to have qualified for the award of degree upon completion of 185 credits stipulated for B.Tech Degree and 75 credits stipulated for M.Tech degree.

29.2 First Class with Honours : The candidate should earn 18 extra credits (six additional subjects) of the core Department passed the examination in all subjects of all semesters in his / her first appearance and maintain a CGPA of not less than 9.00. The extra credit courses can be registered in evening college (part time).