

# SCHOOL OF ENGINEERING PG REGULATIONS - 2023

# **CHOICE BASED CREDIT SYSTEM**

Effective from the academic year 2023-2024 and applicable to the students to be admitted in School of Engineering, VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES (VISTAS), Chennai.

# **POST- GRADUATE PROGRAMMES**

The following Regulations will be applicable to all Post Graduate programmes under School of Engineering in VISTAS, Chennai.

# 1. PRELIMINARY DEFINITIONS AND NOMENCLATURE

In these Regulations, unless the context otherwise requires:

- i. "**Programme**" means Post graduate Degree Programme e.g. M.Tech. Degree Programme.
- ii. "Specialization" means a specialization or discipline of M.Tech. Degree Programme like "Construction Engineering and Management", "Computer Science and Engineering", etc.
- iii. "Course" means a Theory or Practical subject that is normally studied in a semester, like Optimization Techniques, Analysis of Inverters, etc.
- iv. "Controller of Examinations" means the Authority of the Institution who is responsible for all activities related to Examinations.
- v. "Head of the Institution" means the Registrar of the Institution who is responsible for all academic activities of the Institution and for implementation of relevant Rules and Regulations.

- vi. "Dean, School of Engineering" means the authority of the Institution who is responsible for all academic activities of the School of Engineering of the Institution for implementation of relevant rules of this Regulations.
- vii. "Head of the Department" means Head of the Department concerned.
- viii. "Institution" means VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES (VISTAS), CHENNAI.

# 2. PROGRAMMES OFFERED, MODES OF STUDY AND ADMISSION REQUIREMENTS

# 2.1 P.G. PROGRAMMES OFFERED

M.Tech. (Master of Technology)

#### 2.2 MODES OF STUDY:

#### 2.2.1 Full-Time:

Candidates admitted under 'Full-Time' should be available in the Institution during the complete working hours for curricular, co-curricular and extra-curricular activities assigned to them.

The Full-Time students should not attend any other Full-Time programme(s) / course(s) or take up any Full-Time job in any Institution or Company during the period of the Full-Time programme. Violation of the above rules will result in cancellation of admission to the P.G. programme. However, taking up of job is permitted with an authorized break of study as explained in Clause 18

#### 2.2.2 ADMISSION REQUIREMENTS:

Candidates seeking for admission to the first semester of the Master's Degree Programme shall be required to have passed an appropriate Under Graduate Degree Examination of any Indian Universities as specified under qualification for admission in Annexure – I.

Admission shall be offered only to the candidates who possess the qualification prescribed against the each programme.

## 3 DURATION OF THE PROGRAMMES:

3.1 The minimum and maximum period for completion of the P.G. Programmes are given below:

Table 1: Minimum and Maximum Period for completion of degree

Programme	Min. No. of Semesters	Max. No. of Semesters
M.Tech. (Full-Time)	4	8

- 3.2 Each semester shall normally consist of 90 working days or 450 periods each of 60 minutes duration for full-time mode of study. The Dean, School of Engineering, shall ensure that every teacher imparts instruction as per the number of periods specified in the syllabus and that the teacher teaches the full content of the specified syllabus for the course being taught. End Semester Examination will be scheduled after the last working day of the semester.
- 3.3 The minimum prescribed credits required for the award of the degree shall be within the limits as specified below.

**Table 2: Minimum Prescribed Credits** 

PROGRAMME	PRESCRIBED CREDIT
M.Tech.	80

- 3.4 The number of credits to be earned for the successful completion of the Programme shall be as specified in the Curriculum of the respective specialization of the P.G. Programmes.
- 3.5 The Curriculum and Syllabi of all the P.G. Programmes shall be forwarded by the Board of Studies of the concerned Department and approved by the Academic Council of VISTAS, Chennai.

#### 4 STRUCTURE OF THE PROGRAMME

# 4.1 Categorization of Courses

- 4.1.1 Every Post Graduate Degree Programme will have a curriculum with syllabic consisting of theory and practical courses that shall be categorized as follows:
  - i. **Foundation Courses (FC)** may include Mathematics or other basic courses Programme Core Courses (PCC) include the core courses relevant to the chosen specialization/branch.

- ii. **Programme Elective Courses (PEC)** include the elective courses relevant to the chosen specialization/ branch.
- iii. **Mandatory Courses** cover topics on the process of research and patenting.
- iv. **Employability Enhancement Courses (EEC)** include Project Work and/or Internship, Seminar, Professional Practices, Mini Project and Industrial / Practical Training.
- v. **Open Elective Courses (OEC)** include the courses credited from other post graduate Programmes of M.Tech and online courses.
- vi. **Audit courses (AC)** include the courses such as Constitution of India, Safety Management, Disaster Management etc.,

# 4.2 Courses per Semester

- 4.2.1 Curriculum of a semester shall normally have a blend of lecture courses and practical courses including Employability Enhancement Courses.
- 4.2.2 The electives from the curriculum are to be chosen with the approval of the Head of the Department.
- 4.2.3 Practical training or Industrial Attachment, if specified in the Curriculum, should be organized by the Head of the Department / Institution for a duration not exceeding 4 weeks.

# 4.3 Credit Assignment

Each course shall have credits assigned as follows.

- i. One credit for each lecture period designed per week
- ii. One credit for each tutorial period designed per week
- One credit for each seminar/practical session of two periods designed per week.

# 4.4 Project Work

4.4.1 The project work for M.Tech consists of Phase – I and Phase – II. Phase – I is to be undertaken during III semester and Phase – II, which is a continuation of Phase – I is to be undertaken during IV semester.

- 4.4.2 In case of candidates of M.Tech. not completing Phase I of project work successfully, the candidates can undertake Phase - I again in the subsequent semester. In such cases the candidates can enroll for Phase-II, only after successful completion of Phase I.
- 4.4.3 Project work shall be carried out under the supervision of a "qualified teacher" in the Department concerned. In this context "qualified teacher" means the faculty member possessing Ph.D degree or PG degree with a minimum of 3 years experience in teaching PG courses.
- 4.4.4 A candidate may, however, in certain cases, be permitted to work on projects in an Industrial/Research Organization, on the recommendations of the Head of his/her Department. In such cases, the Project work shall be jointly supervised by a supervisor of the department and an expert-as a joint supervisor from the organization. The student shall be instructed to meet the supervisor periodically and to attend the review committee meetings for evaluating the progress.
- 4.4.5 The Project work (Phase II) shall be pursued for a minimum of 16 weeks during the final semester.

# 4.5 Industrial Training/ Internship

- 4.5.1 The students may undergo Industrial training for a period as specified in the Curriculum during summer / winter vacation. In this case the training has to be undergone continuously for the entire period.
- 4.5.2 The students may undergo Internship at Research organization / University (after due approval from the Department) for the period prescribed in the curriculum during summer / winter vacation, in lieu of Industrial training.

#### 4.6 Online Courses:

4.6.1 Students opting for an online course shall be required to register for the MOOCs through SWAYAM-NPTEL with the guidance of SPOC/Mentors. Credit transfer policy will be applicable to all PCC/PEC/OEC courses offered by the corresponding program. 4.6.1 Students should have successfully completed the course and received the Marksheet from SWAYAM to opt for credit transfer. They shall apply to the office of the COE through the HOD and SPOC.

# 4.7 Value Added Courses

- 4.7.1 The Students may optionally undergo Value Added Courses (VAC) over and above the topics covered in the curriculum to obtain practical and industry specific knowledge.
- 4.7.2 The Department may offer Value Added Courses in collaboration with Industries on prior approval from the Head of the Institution and the Centre for Academic courses without any additional fee charged from the students.

# 4.8 Audit Courses

4.8.1 The student may study audit courses prescribed by the Institution and it will be mentioned in the Grade Sheet.

# 4.9 Maximum Marks

- 4.9.1 Each of the theory and practical courses including Project Phase I shall carry maximum of 100 marks of which 40 marks will be through continuous assessment and remaining 60 marks through end semester examinations.
- 4.9.2 Project Phase II shall carry maximum of 200 marks of which 80 marks will be through continuous assessment and remaining 120 marks through end semester examinations
- 4.9.3 The Seminar / Case study / Mini project/ Industrial Training/ Internship courses shall carry 100 marks and shall be evaluated through continuous assessment. In case of Industrial Training and Internship students should submit a certificate from the Industry as specified in clause 5.10.

# 4.10 Medium of Instruction

The medium of instruction shall be English for all courses, examinations, seminar presentations and project reports

# 5 EVALUATION OF PROJECT WORK

- 5.1. The evaluation of Project Work for Phase I & Phase II shall be done independently in the respective semesters and marks shall be allotted as per the weightages given in the clause 5.4.
- 5.2 There shall be three assessments (each 100 marks), by a review committee, during each of the project semesters for M.Tech. programme. The student shall make a presentation on the progress made before the committee. The Dean of the School shall constitute the review committee for each branch of study.
- 5.3 The total marks obtained in the three assessments shall be reduced to 40 marks and rounded to the nearest integer (as per the Table given below). There will be a vice-voce Examination during End Semester Examinations conducted by a Committee consisting of the head of the department, one internal examiner and one external examiner. The internal examiner and the external examiner shall be appointed by the Controller of Examination.
- 5.4 The Project Work-Phase 1 shall be evaluated for a maximum of 100 marks and Project Work-Phase 2 shall be evaluated for a maximum of 200 marks of which 80 marks will be through continuous assessment. The distribution of marks for the internal assessment and End semester examination for Phase I and Phase II are as given in below

Table 3: Distribution of Marks for Project Phase - I

Internal Assessment (40 Marks)			External Ass	sessment (	60 Marks)		
Review -	Review - II	Review -	Supervisor	Thesis Submission	\	/iva-Voce	
I				External Examiner	Internal Examiner	External Examiner	HOD
10	10	10	10	20	10	20	10

Table 4: Distribution of Marks for Project Phase - II

Internal Assessment (40 Marks)			External As	sessment (	60 Marks)		
Review -	Review - II	Review - III	Suponicor	Thesis Submission	\	/iva-Voce	
I			Supervisor	External Examiner	Internal Examiner	External Examiner	HOD
20	20	20	20	40	20	40	20

5.5 The Project Report prepared according to approved guidelines and duly signed by the supervisor(s) and the Head of the Department shall be submitted to the Dean of the School.

If the candidate fails to obtain 40% of the continuous assessment marks in the Phase–I and Phase–II, he/she will not be permitted to submit the report for that particular semester and has to re-enroll for the same in the subsequent semester.

If a candidate fails to submit the project report on or before the specified deadline, he/she is deemed to have failed in the Project Work and shall reenroll for the same in a subsequent semester. This applies to both Phase–I and Phase–II.

- 5.6 If a candidate fails in the viva-voce examinations of Phase–I he/she has to resubmit the Project Report within 30 days from the date of declaration of the results. If he / she fails in the viva-voce examination of Phase–II of Project work, he/she shall resubmit the Project report within 60 days from the date of declaration of the results. For this purpose the same Internal and External examiner shall evaluate the resubmitted report.
- 5.7 If a student is absent during the viva voce examination, it would be considered as fail. If a student fails to secure a pass in project work even after availing clause (5.5 and 5.6), the student shall register for the course again
- 5.8 Every candidate doing M.Tech. shall send a paper / patent for publication in a journal or a conference. An acknowledgement from the Supervisor for having communicated to the journal or conference shall be attached to the report of

- the project work. Such acknowledgements shall be sent to the Controller of Examination along with the evaluation marks by the team of examiners without which the thesis shall not be accepted.
- 5.9 A copy of the approved project report after the successful completion of viva examinations shall be kept in the library of the Institution.

# 5.10 Practical training / Industrial Attachment / Summer Project

- 5.10.1 Practical training / Industrial Attachment / Summer Project if specified in the Curriculum shall not exceed the maximum duration of 4 weeks.
- 5.10.2 At the end of Practical training / Industrial attachment / Summer Project the candidate shall submit a certificate from the organization where he/she has undergone training along with a brief report. The evaluation will be made based on this report and a Viva-Voce Examination, conducted internally by a Departmental Committee constituted by the Head of the Department.

## 6 FACULTY ADVISER

- 6.1 The Head of the Department will attach a certain number of students to a teacher of the Department who shall function as Faculty Adviser for those students throughout their period of study. Faculty advisors,
  - i. Help the students in planning their courses of study and for general advice on the academic programme,
  - ii. Advise the students and monitor the courses taken by the students, check the attendance and progress of the students attached to him/her and counsel them periodically.
  - iii. Communicate all the necessary information from the Institution to the students of the respective class.
  - iv. Help the Class committee Coordinator in planning and conduct of the class committee meetings.
  - v. Monitor and engage in student welfare activities such as awards, medals, scholarships, industrial visits, internships etc.,

# 7 CLASS COMMITTEE

# 7.1 Guidelines of Class Committee meeting

- 7.1.1 Class Committee consisting of a Chairperson, Head of the Department and Student representatives are constituted every semester. The Chairperson chosen must not handle any of the courses of that particular class and may be allotted by the HOD in rotation.
- 7.1.2 The Students should be chosen based on performances in both Academic and Non Academic parameters. Among the selected students at least one student should fall under each of the following category:
  - i. All Genders
  - ii. Top performers of the class
  - iii. Average performers
  - iv. Below average performers
  - v. Student from hostels
  - vi. Students from Sports/ other extracurricular/cultural activities
- 7.1.3 The students should be selected randomly and feedback may be obtained from all the students.
  - 7.1.4 Each department must appoint one faculty as Class Committee coordinator. The Class Committee Coordinator has to coordinate the conduct of CCM and has the responsibility to submit the softcopy and hard copy of the Minutes of meeting and consolidated report, Academic and Non Academic details of the concerned department.

# 7.2 Responsibilities of the class committee:

- 7.2.1 The Class Committee meeting will be conducted at the end of every month to discuss the various academic, curricular and co-curricular activities of the students.
- 7.2.2 It will periodically review the progress of the courses, discuss issues concerning curricula and syllabi and the conduct of the classes including the method of teaching to ensure effective learning.

- 7.2.3 The mode of assessments for the course and the performance of students in the assessments will be discussed. Remedial measures to enhance the teaching and learning process will be decided in the Class Committee and announced to the students in the class for follow up. The Class Committee will discuss the discipline, attendance and regularity of students and appropriate actions will be taken.
- 7.2.4 The first meeting of the class committee shall be held within one week from the date of commencement of the semester in order to inform the students about the nature and weightage of assessments within the framework of the Regulations.
- 7.2.5 The Head of the Institution may participate in any of the CCM of the Institution.

# 8 INTERNAL ASSESSMENT

8.1 Every teacher is required to maintain an 'ATTENDANCE AND ASSESSMENT RECORD' which consists of attendance marked in each lecture or practical or project work class, the test marks and the record of class work (topic covered), separately for each course. This should be submitted to the Head of the department periodically (at least three times in a semester) for checking the syllabus coverage and the records of test marks and attendance. The Head of the department will put his/her signature and date after due verification. At the end the semester, the record should be verified by the Head of the School who will keep this document in safe custody (for five years). The Institution or any inspection team appointed by the Institution may inspect the records of attendance and assessment of both current and previous semesters.

# 8.2 **Theory Courses:**

Two Continuous Assessment Tests with 50 marks each, and a model exam for 100 marks may be conducted by the Department. In addition, assignments may be given for the students. Seminars and quizzes may be conducted by concerned course teacher periodically and the consolidated marks may be used considered as internal assessment. The weightage of Internal Marks is as specified in the table below,

**Table 5: Internal Marks for Theory Courses** 

S.No.	Description	Marks
1.	Two C.A. class tests	10 (2x5)
2.	Assignment	05
3.	Model Examination	10
4.	Attendance	05
5.	Multiple Choice Quizzes (MCQ)	05
6.	Class Seminar/ Tech. Talks/ Group	05
	Activities/ Group Discussion	
	Total Marks	40

# 8. 2 Practical Courses:

The maximum marks for Internal Assessment shall be 60 in case of practical courses. Every practical exercise / experiment shall be evaluated based on conduct of experiment/ exercise and records to be maintained. There shall be at least one test. The criteria for Internal Assessment marks is as Tabulated in the table below.

**Table 6: Internal Marks for Practical Courses** 

S.No.	Description	Marks
1.	Observation	05
2.	Record	10
3.	Model Examination	10
4.	Attendance	05
5.	Internship/ Case Study	05
6.	Class Seminar/ Tech. Talks/ Group	05
	Activities/ Group Discussion	
	Total Marks	40

# 8.3 Other Employability Enhancement Courses

8.3.1 The Seminar / Case study / Mini project course is to be considered as purely INTERNAL (with 100% internal marks only). Every student is expected to present a minimum of 3 seminars per semester before the evaluation committee and for each seminar marks can be equally apportioned. A three member committee appointed by the Head of the Department, consisting of course coordinator and two experts from the Department, will evaluate the seminar and at the end of the semester the marks can be consolidated and taken as the final mark. The evaluation shall be based on the technical content (40%), presentation (40%) and response to the questions asked during presentation (20%)

8.3.2 The Industrial / Practical Training shall carry 100 marks and shall be evaluated through internal assessment only. At the end of Industrial / Practical training / Internship / Summer Project, the candidate shall submit a certificate from the organization where he / she has undergone training and a brief report. The evaluation will be made based on this report and a viva-voce Examination, conducted internally by a three member Departmental Committee constituted by the Head of the Department consisting of course coordinator and two experts from the Department.

#### 9 ATTENDANCE REQUIREMENTS FOR COMPLETION OF A SEMESTER

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

- 9.1 Every student is expected to attend all classes and earn 100% attendance. However in order to allow provision for certain unavoidable reasons such as prolonged hospitalization / accident / specific illness the student is expected to earn a minimum of 75% attendance to become eligible to write the end-semester examination.
- 9.2 A candidate who secures overall attendance between 65% and 74% in that current semester due to medical reasons (prolonged hospitalization / accident / specific illness / Participation in Sports events) may be permitted to appear for the current semester examinations subject to the condition that the candidate shall submit the medical certificate / sports participation certificate to the Head of the Institution. The same shall be forwarded to the COE.
- 9.3 Candidates who could secure less than 65% overall attendance and Candidates who do not satisfy the clauses 9.1 & 9.2 will not be permitted to write the end-semester examination of that current semester and are not permitted to go to next semester. They are required to repeat the incomplete semester in the next academic year.

# 10 REQUIREMENTS FOR APPEARING FOR SEMESTER EXAMINATION

10.1 A candidate shall normally be permitted to appear for the End Semester Examination of the current semester if he/she has satisfied the semester completion requirements as per clause 9.1 & 9.2 and has registered for examination in all courses of the current semester.

#### 11 END SEMESTER EXAMINATIONS

11.1 There shall be a semester end examination of 3 hours duration in each lecture based course.

The examinations shall ordinarily be conducted between November and December during the odd semesters and between April and May in the even semesters.

For the practical examinations (including project work), both internal and external examiners shall be appointed by the COE. The maximum marks for each theory and practical course shall be 100 comprising 40 marks for continuous assessment in each theory course, remaining 60 marks through end semester examinations.

11.2 If a student indulges in malpractice in any of the end semester / internal examinations he / she shall be liable for punitive as prescribed by the Institution from time to time.

## 12 PASSING REQUIREMENTS

- 12.1 A candidate who secures not less than 50% of total marks prescribed for the courses with a minimum of 50% of the marks prescribed for each of the course of the end-semester Examination in both theory and practical courses shall be declared to have passed in the Examination.
- 12.2 If the candidate fails to secure a pass in a particular course as per clause 12.1, it is mandatory that candidate shall register and reappear for the examination in that course during the subsequent semester when examination is conducted in that course. Further the candidate should continue to register and reappear for the examination till a **pass** is secured in such arrears subjects.

The internal assessment marks obtained by the candidate in the first appearance shall be retained and considered valid for all subsequent attempts till the candidate secure a pass.

If the candidate fails to obtain 40% of the continuous assessment marks in the theory course, he/she will not be permitted for that particular semester and has to re-enroll for the same in the subsequent semester.

#### 13 CREDIT TRANSFER FOR ONLINE COURSES

- 13.1 Students should have successfully completed the course and received the Marksheet from SWAYAM to opt for credit transfer. They shall apply to the office of the COE through the HOD and SPOC.
- 13.2 VISTAS shall award the credit of the equivalent core and elective course in the curriculum as credit for the courses completed via SWAYAM/ NPTEL platforms.
- 13.3 VISTAS shall give the equivalent grade to the students for the credits earned through online learning courses through SWAYAM platform

SWAYAM Range of Marks	SWAYAM/ NPTEL Type of Certificate	Proposed Equivalent Grade Points (VISTAS)	Proposed Letter Grade (VISTAS)	Proposed Description (VISTAS)
90-100	Elite + Gold	10	0	Outstanding
75-89	Elite + Silver	9	A+	Excellent
60-74	Elite	8	A	Very Good
40-59	Successfully Completed	7	B+	Good

Table 7: Credit Conversion for SWAYAM/NPTEL Courses

- 13.1 Credits earned through MOOCs will be incorporated in the mark sheet /final mark sheet issued to the student by the Controller of Examination
- 13.2 Students who have qualified in the examination conducted by the SWAYAM and opting for Credit Transfer shall be exempted from appearing in Continuous and Semester End examinations for the equivalent course.
- 13.3 VISTAS also permit students to undergo the same courses and appear for Continuous and Semester End Examinations at VISTAS if they desire to do so for a better performance.

#### 14 AWARD OF LETTER GRADES

#### 14.1 Grade Conversion Table

The performance of a student will be reported using letter grades, each carrying certain points as detailed in the Table below

**Table 8: Grade Conversion Table** 

Range of Marks	Grade Points	Letter Grade	Description
90 – 100	10	0	Outstanding
85 – 89	9	A+	Excellent
80 - 84	8	А	Very Good
75 – 79	7.5	B+	Good
70 – 74	7	В	Above Average
60 – 69	6	С	Average
50 - 59	5	D	Minimum for Pass
00 – 49	0	RA	Reappear
		AAA	Absent
Misbehaviour/ Suspension etc.,		WH	WITHHELD

- 14.1 A student is deemed to have passed and acquired the corresponding credits in a particular course if he/she obtains any one of the following grades: "O", "A+", "A", "B+", "B","C
- 14.2 For the students who complete the Audit Course/ Mandatory Course satisfying attendance requirement, the title of the Audit Course/ Mandatory Course will be mentioned in the Grade Sheet. If the attendance requirement is not satisfied, it will not be shown in the Grade Sheet.

#### 14.3 Grade Sheet

- 14.3.1 After results are declared, Grade Sheets will be issued to each student which will contain the following details:
  - i. The Programme of Study
  - ii. The list of courses registered during the semester and the grades scored.
  - iii. The Grade Point Average (GPA) for the semester an

- iv. The Cumulative Grade Point Average (CGPA) of all courses enrolled from first semester onwards.
- 14.3.2 GPA for a semester is the grade point average of all the courses studied by the student in the current semester. CGPA will be calculated in a similar manner, considering all the courses registered from first semester.

$$GPA = \frac{\sum (C \ x \ GP)}{\sum (C)}$$

$$CGPA = \frac{\sum_{i=1}^{n} (C_i x GP_i)}{\sum_{i=1}^{n} C_i}$$

Where

n is the number of subjects

C is the credit for the Academic courses successfully completed

GP is the Grade Point of the courses successfully completed

CPA is the Grade Point Average of all the courses successfully completed in the current semester examination and

CGPA is the Cumulative Grade Point Average

### 15 ELIGIBILITY FOR THE AWARD OF THE DEGREE

- 15.1 A student shall be declared eligible for the award of the degree if he/she has
  - i. Successfully passed all the courses as specified in the curriculum corresponding to his/her programme within the stipulated period. (as per clause 3.1)
  - ii. No disciplinary action is pending against him/her.
  - iii. The award of the degree must have been approved by the BOM.

#### 16 CLASSIFICATION OF THE DEGREE AWARDED

16.1 A candidate who qualifies for the award of the degree having passed the examination in all the courses in his / her first appearance within the specified minimum number of semesters securing a CGPA greater than 9.0 shall be declared to have passed the examination in First class Outstanding with

**Distinction**. For the purpose the withdrawal from examination will not be construed as an appearance. Further, the authorized break of study will not be counted for the purpose of classification. **First class Outstanding with Distinction will be awarded to candidates who have passed the courses in first appearances.** 

- 16.2 A candidate who qualifies for the award of the degree having passed the examination in all the courses in his / her first appearance within the specified minimum number of semesters securing a CGPA of not less than 7.5 shall be declared to have passed the examination in First class with Distinction. For the purpose the withdrawal from examination will not be construed as an appearance. Further, the authorized break of study will not be counted for the purpose of classification. First class with Distinction will be awarded to candidates who have passed the courses in first appearances.
- 16.3 A candidate who qualifies for the award of the degree having passed the examination in all the courses in his / her first appearance within the specified minimum number of semesters plus one year (two semesters), securing a CGPA of not less than 6.50 shall be declared to have passed the examination in First class. Further, the authorized break of study will not be counted for the purpose of classification.
- 16.4 All other candidates who qualify for the award of the degree shall be declared to have passed the examination in **Second Class**.

# 17 REVALUATION

- 17.1 A candidate can apply for revaluation of his/her semester examination answer paper in a theory course, within 2 weeks from the declaration of results, on payment of a prescribed fee through proper application to the Controller of Examinations through the Head of Departments. The Controller of Examination will arrange for the revaluation and the results will be intimated to the candidate concerned through the Head of the Department. Revaluation is not permitted for practical courses and for project work.
- 17.2 Students who wish to Review of his/ her examination answer paper in a theory course, within the prescribed date on payment of a prescribed fee through

proper application to Controller of Examinations through the Head of the Institution.

#### 18 AUTHORIZED BREAK OF STUDY FROM A PROGRAMME

- 18.1 Break of Study shall be granted only once for valid reasons for a maximum of one year during the entire period of study of the degree programme. However, in extraordinary situation the candidate may apply for additional break of study not exceeding another one year by paying prescribed fee for break of study. If a candidate intends to temporarily discontinue the programme in the middle of the semester for valid reasons, and to rejoin the programme in a later semester, permission may be granted based on the merits of the case provided he / she applies to the Head of the Institution, in advance, but not later than the last date for registering for the end semester examination of the semester in question, through the Head of the Department and the Head of the School stating the reasons therefor and the probable date of rejoining the programme. However, if the candidate has not completed the first semester of the programme, Break of Study will be considered only on valid medical reasons.
- 18.2 The candidate permitted to rejoin the Programme after the break shall be governed by the Curriculum and Regulations in force at the time of rejoining. Such candidates may have to do additional courses as prescribed by the Dean, School of Engineering if the Regulation is changed.
- 18.3 The authorized break of study will not be counted for the duration specified for passing all the courses for the purpose of classification.
- 18.4 The total period for completion of the Programme reckoned from, the commencement of the first semester to which the candidate was admitted shall not exceed the maximum period specified in clause 3 irrespective of the period of break of study in order that he/she may be eligible for the award of the degree (vide clause 15).
- 18.5 If any student is detained for want of requisite attendance, progress and good conduct, the period spent in that semester shall not be considered as permitted 'Break of Study' and Clause 19 is not applicable for this case.

# 19 DISCIPLINE

Every student is expected to observe discipline and decorum both inside and outside the Institution and not to indulge in any activity which will tend to bring down the prestige of the Institution. In the event of an act of indiscipline being reported, the Registrar shall constitute a disciplinary committee consisting of Dean, two Heads of Department of which one should be from the faculty of the student, to inquire into acts of indiscipline and notify the Institution about the disciplinary action taken. Any expulsion of the student from the school shall be with prior concurrence of the Institution.

# 20 REVISION OF REGULATION AND CURRICULUM

The Institution may from time to time revise, amend or change the Regulations, scheme of examinations and syllabi if found necessary through the Academic Council.

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# Annexure – 1

S.No.	PG Programmes Offered	Eligible Qualification						
Depar	Department of Civil Engineering							
1	ME Construction Engineering and Management	BE / BTech. (Civil)						
Depar	tment of Mechanical Engineerin	g						
2	ME Computer Integrated Manufacturing	BE / BTech  1. Mechanical 6. Metallurgy 2. Automobile 7. Industrial 3. Production 8. Mechatronics 4. Manufacturing 9. Material Science 5. Computer Integrated Manufacturing						
Depar	tment of Computer Science and	d Engineering						
5	ME Computer Science and Engineering	BE / BTech  1. Electrical and Electronics 2. Electronics and Communication 3. Electronics 4. Information Technology 5. Computer Science and Engg. 6. Instrumentation and Control 7. Electronics and Instrumentation 8. Instrumentation 9. Computer Hardware & Software MSc (5 years integrated) 10. Information Technology 11. Computer Science 12. Software Engineering BSc (3 years) in IT related major courses & MSc (2 years) in IT related major courses 13. Information Technology 14. Computer Science MCA (10+2+3+3) years Pattern						

# Annexure – 2

SI. No.	Name of the Programme	MINIMUM TOTAL CREDITS *
1.	ME Construction Engineering and Management	80
2.	ME Computer Integrated Manufacturing	80
3.	ME Automobile Engineering	80
4.	ME Computer Science and Engineering	80

<sup>\*</sup> Minimum Total Credits to be earned by the student admitted to the particular PG programme to become eligible for the award of Degree under Clause 3.3 of Regulations.