

ANNA UNIVERSITY OF TECHNOLOGY MADURAI

REGULATIONS 2010

The following Regulations are **applicable to University Departments and to all Engineering Colleges affiliated to Anna University of Technology Madurai and Constituent Colleges other than Autonomous Colleges.**

POST GRADUATE PROGRAMMES (M.E / M.Tech / MCA / MBA)

1. PRELIMINARY DEFINITIONS AND NOMENCLATURE

In these Regulations, unless the context otherwise requires:

- i. **“Programme”** means Degree Programme. e.g. M.E., M.Tech. Degree Programme
- ii. **“Specialization”** means the discipline of the Post Graduate Degree Programme like Structural Engineering, Engineering Design, etc.
- iii. **“Course”** means a Theory or Practical subject that is normally studied in a semester, like Applied Mathematics, Advanced Thermodynamics, High Voltage Lab., etc.
- iv. **“Director, Academic Courses”** means the authority of the University who is responsible for all academic activities of the University for implementation of relevant rules of this Regulations.
- v. **“CoE”** means Controller of Examinations.
- vi. **“University”** means ANNA UNIVERSITY OF TECHNOLOGY MADURAI.

2. PROGRAMMES OFFERED, MODE OF STUDY AND ADMISSION REQUIREMENTS

2.1 PROGRAMMES OFFERED

A candidate may be offered a programme in any one of the branches of study approved by the University (See **Annexure I**), and offered by that college where the candidate is admitted.

Programmes offered in Anna University of Technology Madurai are mentioned in Annexure I.

2.1.1 The eligible entry qualifications approved by the University are listed in **Table 1**.

2.2. MODES OF STUDY:

2.2.1 Full-Time:

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

2.2.2 **Part-Time – Week End:**

In this mode of study, the candidates are required to attend classes on all Saturdays and Sundays.

2.2.3 A part-time student is not permitted to convert to the full-time mode of Study.

2.2 ADMISSION REQUIREMENTS:

2.3.1 Candidates for admission to the first semester of the Post Graduate Degree Programme shall be required to have passed an appropriate qualifying Degree Examination of Anna University of Technology Madurai as specified in **Table 1** or any examination of other University or authority accepted by the Syndicate of Anna University of Technology Madurai as equivalent thereto.

2.3.2 The Syndicate of the University may decide to restrict admission in any particular year to candidates having the subset of qualifications prescribed in **Table 1**.

2.3.3 Notwithstanding the qualifying examination the candidate might have passed, he/she shall have a minimum level of proficiency in the appropriate Programme / Courses as prescribed by the Syndicate of the University from time to time.

2.3.4 Eligibility conditions for admission such as class obtained, number of attempts in qualifying examination and physical fitness will be as prescribed by the Syndicate of the University from time to time.

2.3.5 All Part-Time candidates should satisfy other conditions regarding experience, Sponsorship etc., that may be prescribed by the Syndicate from time to time.

3. DURATION AND STRUCTURE OF THE P.G.PROGRAMMES:

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

Programme	Min. No. of Semesters	Max. No. of Semesters
M.E./M.Tech. (Full-Time)	4	8
M.E./M.Tech. (Part Time)	6	12
M.C.A. (Full Time)	6	12
M.B.A. (Full Time)	4	8

3.2. The P.G.Programmes will consist of:

- a) Core courses
- b) Elective courses
- c) Project work
- d) The Programme will also include design projects/seminars/ practicals /practical training, if they are specified in the Curriculum.

3.3. The Curriculum and Syllabi of all the P.G. Programmes shall be approved by the Academic Council of Anna University of Technology Madurai.

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.

3.4. Each semester shall normally consist of 360 periods each of 50 minutes duration for full time mode (400 periods for M.B.A.) and (200 periods each of 50 minute duration for

part-time mode). The Head of the Department 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 (subject) being taught. End-Semester Examination will be scheduled after the last working day of the semester.

- 3.5. The Curriculum of P.G. Programmes shall be so designed that the prescribed credits required for the award of the degree shall be within the limits specified below:

PROGRAMME	PRESCRIBED CREDIT RANGE
M.E. / M.Tech.	68 to 72

PROGRAMME	PRESCRIBED CREDITS
M.C.A.	135
M.B.A.	95

- 3.6 Credits will be assigned to the courses for different modes of study as given below:

- 3.6.1 The following will apply to all modes of P.G. Programmes.

- One credit for each lecture period designed per week.
- One credit for each tutorial period designed per week.
- One credit for each seminar/practical session of two periods designed per week.
- Two credits for each laboratory for or practical session of three periods.

- 3.6.2 Four weeks of practical training in any industrial / research laboratory correspond to 1 credit, and is applicable to all modes of study.

- 3.7 The electives from th

- 3.8 e curriculum are to be chosen with the approval of the Head of the Department concerned.

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.

3.7 PROJECT WORK

The project work for M.E. / 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.

3.8.1 MINIMUM CREDIT REQUIREMENTS TO DO THE PROJECT

Minimum credits shall be as follows:

PROGRAMME	MINIMUM NO. OF CREDITS TO BE EARNED
M.E. / M.Tech	24 (for Phase –II)
M.C.A.	15
M.B.A.	14

- 3.8.2 If the candidate has not earned the requisite minimum credits, he / she has to complete the arrears (at least to the extent of earning the minimum credits specified) and then enroll for the project (Phase - I) work in the subsequent semester.
- 3.8.3 In case of candidates of M.E. / 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.
- 3.8.4 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.
- 3.8.5 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 and the student shall be instructed to meet the supervisor periodically and to attend the review committee meetings for evaluating the progress.
- 3.8.6 The Project work (Phase II in the case of M.E/M.Tech) shall be pursued for a minimum of 16 weeks during the final semester.
- 3.8.7 The deadline for submission of final Project Report is 60 calendar days from the last working day of the semester in which project / thesis / dissertation is done. However, the Phase-I of the Project work in the case of M.E. / M.Tech. Shall be submitted within a maximum period of 30 calendar days from the last working day of the semester as per the academic calendar published by the University.

4 EVALUATION OF PROJECT WORK

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 Clause 13.

There shall be three assessments (each 100 marks), by a review committee. The student shall make presentation on the progress made before the committee. The Head of the Institution shall constitute the review committee for each branch of study.

- 4.1 The project work shall be evaluated for a maximum of 100 marks of which 20 marks will be through internal assessment.
- 4.2 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 Head of the Institution.
- 4.2.1 The evaluation of the Project work Phase - I & Phase - II (M.E. / M.Tech.) will be based on the project report submitted in each of the Phase – I & Phase - II semesters and a Viva-Voce Examination by a team consisting of the supervisor, a common internal examiner (other than the supervisor) and a common External Examiner for each programme. The common internal examiner and the external examiner shall be appointed by the University for Phase – I and Phase – II evaluation.
- 4.2.2 If the candidate fails to obtain 20% of the internal assessment marks in the Phase–I and Phase–II and the Final Project 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 re-enroll for the same in a subsequent semester. This applies to both Phase–I and Phase–II in the case of M.E. / M.Tech. and the Final Project work of M.B.A. / M.C.A.

If a candidate fails in the viva-voce examinations of Phase–I he/she has to redo the Phase–I in the subsequent semester. If he / she fails in the viva-voce examination of Phase–II of Project work of M.E. / M.Tech. or the Final Project work of M.B.A. / M.C.A, he/she shall resubmit the Project report within 60 days from the date of viva-voce. The resubmitted project will be evaluated during the subsequent academic session.

- 4.2.3 Every candidate doing M.E. / M.Tech./ MCA/ MBA shall send a paper / patent for publication in a referred 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 Examinations along with the evaluation marks by the team of examiners without which the thesis shall not be accepted.
- 4.2.4 A copy of the approved project report after the successful completion of Viva-Voce examinations shall be kept in the library of the college / institution.
- 4.2.5 A student who has passed all the courses prescribed in the curriculum for the award of the degree shall not be permitted to re-enroll to improve his/her marks in a course or the aggregate marks / CGPA.
- 4.2.6 Practical training / Industrial Attachment / Summer Project if specified in the Curriculum shall not exceed the maximum duration of 4 weeks and should be organized by the Head of the Department for every student.
- 4.2.7 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 and also 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 Institution. Certificates submitted by the students shall be attached to the mark list sent by the Head of the Institution.

5. FACULTY ADVISER

To help the students in planning their courses of study and for general advice on the academic Programme, 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. Such Faculty Adviser shall 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. If necessary, the faculty adviser may also discuss with or inform the parents about the progress of the students.

6. CLASS COMMITTEE

- 6.1 A Class Committee for a semester consists of teachers of the concerned classes, student Representatives, Faculty Advisor and a Chairperson. It is like the 'Quality Circle' (more commonly used in industries) with the overall goal of improving the teaching-learning process. The functions of the class committee include
 - Resolving academic issues experienced by students in the class room and in the laboratories
 - Clarifying the regulations of their degree Programme and the details of rules therein

- Informing the student representatives “the academic schedule” including the number of assessments, the dates and the syllabus coverage for each assessment period.
 - Informing the student representatives the details of regulations regarding the weightage used for each assessment. In the case of practical courses (laboratory/ drawing/ project work/ seminar etc.,) the breakup of marks for each experiment/ exercise/ module of work, should be clearly discussed in the class committee meeting and informed to the students through the class representatives.
 - Analyzing the performance of the students of the class after each test and finding the ways and means of improving the students performance.
 - Identifying the weak students, if any, in any subjects and requesting the teachers concerned to provide some additional help or guidance or coaching to such weak students as often as possible.
- 6.2 The class committee for a class is normally constituted by the Head of the Department. However, if the students of different specializations are mixed in a class, the class committee is to be constituted by the Head of the Institution.
- 6.3 The class committee shall be constituted within a week of the commencement of a semester.
- 6.4 At least 2 student representatives (usually 1 boy and 1 girl) shall be included in the class committee.
- 6.5 The chairperson of the class committee may invite the Head of the Department / Head of the Institution to any class committee meeting.
- 6.6 The Chairperson of the concerned faculty may participate in any class committee of the Institution as and when deemed necessary.
- 6.7 The chairperson is required to prepare the minutes of every meeting, submit the same to the Head of the Department within two days of the meeting and arrange to circulate among the students concerned and teachers. If there are some points in the minutes requiring action by the University, the same shall be brought to the notice of the **Head of the Institution** by the Head of the Department.
- 6.8 The first meeting of the class committee shall be held **within 10 days 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. Two or three subsequent meetings may be held at suitable intervals in a semester. During these meetings the student members representing the entire class, shall meaningfully interact and express the opinions and suggestions of the students of this entire class to improve the effectiveness of the teaching-learning process.
- 6.9 The Head of the Department with the approval of the Head of the Institution appoint as Class Adviser, Faculty Adviser, Class Committee Chairman, Internal and External Examiners and Review Committee etc.

7. COURSE COMMITTEE FOR COMMON COURSES

Each common theory course offered to more than one group of students shall have a “Course Committee” comprising all the teachers teaching the common course with one of them as nominated as Course Coordinator. The nomination of the Course Coordinator shall be made by the Chairman the teachers teaching the common course belong to a single department or to several departments. The ‘Course Committee’ shall meet as often as possible and ensure uniform evaluation of the tests and arrive at a common scheme of evaluation for the tests. The course committee may also prepare a common question paper for the test(s) as well as for the End Semester Examinations.

8. PROCEDURES FOR AWARDING MARKS FOR INTERNAL ASSESSMENT

8.1 Internal Assessment is fixed as 20 marks (consisting of 15 marks for tests and 5 marks for attendance) in each course of study for all P.G. Programmes. The student shall write End-Semester Examinations to score additional 80 marks.

8.2 Internal Assessment for Theory courses:

The maximum marks for Internal Assessment shall be 20 marks in case of theory courses. Three tests each carrying 100 marks shall be conducted by the Department. The Total marks obtained in the best 2 tests out of 3 put together should be reduced to 15 marks and rounded to the nearest integer. The remaining 5 marks shall be distributed for attendance as prescribed in clause 8.8.

8.3 Internal Assessment for Practical Courses:

The maximum marks for Internal Assessment shall be 20 in case of Practical courses. Every practical experiment shall be evaluated based on conduct of experiment and records maintained. There shall be at least one mid-semester test. The criteria for arriving at the internal assessment marks of 15 shall be decided by the Head of the Department and announced at the beginning of every semester. The remaining 5 marks shall be distributed for attendance as prescribed in clause 8.8.

8.4 Internal assessment for Theory Courses with Laboratory component:

The maximum marks for Internal Assessment shall be 20 in case of theory courses with Laboratory component.

If there is a theory course with Laboratory component, there shall be three tests: the first two tests (each 100 marks) will be from theory portions and the third test (maximum mark 100) will be for laboratory component. The sum of marks of all three tests shall be reduced to 15 marks and rounded to the nearest integer. The remaining 5 marks shall be distributed for attendance as prescribed in clause 8.8

8.5 If seminar is prescribed in the curriculum, the same will be evaluated by a committee constituted by the Head of the Department through internal assessment only.

8.6 Internal assessment for Project Work:

There shall be three assessments (each 100 marks) during the semester by a review committee. The student shall make presentation on the progress made before the committee. The Head of the Department shall constitute the review committee for each branch of study. The total marks obtained in the three assessments shall be reduced to 35 marks and rounded to the nearest integer. There will be a viva-voce examination during End-Semester examination conducted by a committee consisting of the supervisor, one internal examiner and one external examiner. The internal examiner and the external examiner shall be appointed by the CoE. The remaining 5 marks shall be distributed for attendance as prescribed in clause 8.8.

8.7 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 and also 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. Certificates submitted by the candidate shall be attached to the mark list sent by the Head of the Department.

8.8 Attendance

Marks for attendance shall be awarded as given below:

Theory and Practical courses and Project Work

75% ≤ % of attendance ≤ 79% - 1 mark

80% ≤ % of attendance ≤ 84% - 2 marks

85% ≤ % of attendance ≤ 89% - 3 marks

90% ≤ % of attendance ≤ 94% - 4 marks

95% ≤ % of attendance ≤ 100% - 5 marks

9. REQUIREMENTS FOR COMPLETION OF A SEMESTER

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

Ideally every student is expected to attend all classes and earn 100% attendance. However in order to allow provision for certain unavoidable reasons such as hospitalization / accident / specific illness the student is expected to earn a minimum of 75% attendance of the classes provided not less than 60% in individual courses during any semester commencing from first semester.

Therefore he/she shall secure not less than 75% of overall attendance in that semester taking into account the total number of periods in all courses attended by the candidate as against the total number of periods in all courses offered during that semester.

- 9.2 However, 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 Department. The same shall be forwarded to the Controller of Examinations, Anna University of Technology Madurai for record purposes.

- 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. END-SEMESTER EXAMINATIONS:

The examinations shall ordinarily be conducted between November and December during the odd semesters and between May and June in the even semesters. The maximum marks for each theory course shall be 100 comprising 20 marks for internal assessment and 80 marks for the end-semester examinations. For practical courses the maximum marks shall be 100 comprising 20 marks for internal assessment and 80 marks for the end-semester examinations.

- 10.1 There shall be one end-semester examination of 3 hours duration in each lecture based course.

- 10.2 The mini-project, if specified in the curriculum, will be evaluated based on a report and a viva voce examination. The internal examiner and the external examiner shall be appointed by the Head of the Department.
- 10.3 The evaluation of the Project work will be based on the project report and a Viva-Voce Examination by a team consisting of the supervisor, a internal examiner and an External Examiner. The internal examiner and the external examiner shall be appointed by the CoE.
- 10.4 If a student indulges in malpractice during tests/examinations, the student shall be liable for punitive action as prescribed by the university from time to time.
- 10.5 The evaluation of the credit based seminar will be based on a viva-voce examination conducted by an examiner nominated by the HoD at the end of the semester.

11. **REQUIRMENTS FOR APPEARING FOR END-SEMESTER EXAMINATION**

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 (vide Clause 9) and has enrolled for examinations in all courses of that semester including that of arrears, if any.

12. **PASSING REQUIRMENTS**

- 12.1 A Candidate who secures not less than 50% of total marks (Internal Assessment and End Semester Examinations) prescribed for the courses with a minimum of 50 % of the marks prescribed for the end-semester examination in both theory and Practical courses (including project works) shall be declared to have passed in the Examination.
- 12.2 If a candidate fails to secure a pass in a particular course, it is mandatory that he / she shall register and reappear for the examination in that course during the next semester when examination is conducted in that course; he / she should continue to register and reappear for the examination till he / she secures a pass.

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 secures a pass.

13. **WEIGHTAGES:**

The following will be the weightages for different courses.

- (i) Lecture or Lecture cum Tutorial based course and Laboratory Courses:

Internal Assessments	- 20%
Semester Examination	- 80%
- (ii) Theory courses with Laboratory component

Internal Assessments	- 20%
Semester Examination	- 80%
- iii) Project work

Internal Assessments	- 20%
Evaluation of Project Report by external examiner	- 30%
Viva-Voce Examination	- 50%

iv) Seminar/ Practical Training/Summer Projects	
Internal Assessment	- 20%
External Assessment	- 80%

14. AWARD OF LETTER GRADES

14.1 All assessments of a course will be done on absolute marks basis. However, for the purpose of reporting the performance of a candidate, letter grades, each carrying certain points, will be awarded as per the range of total marks (out of 100) obtained by the candidate, as detailed below following a absolute grading system:

Letter grade	Grade Points	Marks Range
S	10	90 – 100
A	9	80 – 89
B	8	70 – 79
C	7	60 – 69
D	6	55 – 59
E	5	50 – 54
RA	0	< 50
I	0	Incomplete
W	0	Withdrawal
AB	0	Absent

“RA” denotes **reappearance** and “AB” denotes absence and hence the result is failure in the subject..

“W” denotes **withdrawal** from appearing the examination in the subject.

(This grade will figure both in Marks Sheet as well as in Result Sheet.)

The Grade “I” denotes inadequate attendance (as per clause 11) and hence prevention from writing the end semester examination.

The Grade “I” and “W” will figure only in the Result Sheets.

GRADE SHEET

After the declaration of results, Grade Sheets will be issued to each student which will contain the following details:

- The college in which the candidate has studied
- The list of courses enrolled during the semester and the grade scored.
- The Grade Point Average (GPA) for the semester and
- The Cumulative Grade Point Average (CGPA) of all courses enrolled from first semester onwards.

GPA is the ratio of the sum of the products of the number of credits of courses enrolled and the points corresponding to the grades scored in those courses, taken for all the courses, to the sum of the number of credits of all the courses registered.

$$\text{GPA} = \frac{\text{Sum of [C * GP]}}{\text{Sum of C}}$$

CGPA will be calculated in a similar manner, considering all the courses enrolled from first semester. "RA", "I" and "W" grades will be excluded for calculating GPA and CGPA.

15. ELIGIBILITY FOR THE AWARD OF THE DEGREE

- 15.1 A student shall be declared to be eligible for the award of the Degree if he/she has
- Successfully acquired the required credits as specified in the Curriculum corresponding to his/her Programme within the stipulated time.
 - No disciplinary action is pending against him/her.
 - Successfully completed the field visit/ industrial training, if any, as prescribed in the curriculum.
 - No dues to the Institute, Library, Hostel.
 - The award of the degree must be approved by the Syndicate.

16. CLASSIFICATION OF THE DEGREE AWARDED

- 16.1 First Class with Distinction:
A candidate who qualifies for the award of the Degree (vide clause 15) 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 8.50** shall be declared to have passed the examination in First Class with Distinction. For this purpose the withdrawal from examination (vide clause 18) will not be construed as an appearance. Further, the authorized break of study (vide clause 19.3) will not be counted for the purpose of classification.
- 16.2 First Class:
A candidate who qualifies for the award of the Degree (vide clause 15) having passed the examination in all the courses 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**. For this purpose the authorized break of study (vide clause 19.3) will not be counted for the purpose of classification.
- 16.3 Second Class:
All other candidates (not covered in clauses 16.1 and 16.2) who otherwise qualify for the award of the degree (vide Clause 15) shall be declared to have passed the examination in **Second Class**.
- 16.4 A candidate who is absent in semester examination in a course / project work after having enrolled for the same shall be considered to have appeared in that examination for the purpose of classification.

17. REVALUATION

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, seminars, practical training and for project work.

- 17.1.1 After the examination results, the students are allowed to apply for **transparency**. The students are permitted to go through the answer scripts. Based on their view, they can apply for revaluation.

18. PROVISION FOR WITHDRAWAL FROM EXAMINATION:

A candidate may, for valid reasons (medically unfit / unexpected family situations), be granted permission to withdraw from appearing for any course or courses of only one semester examination during the entire duration of the degree Programme. Also only one application for withdrawal is permitted for that semester examination in which withdrawal is sought.

Withdrawal application shall be valid only if the candidate is, otherwise, eligible to write the examination and only if it is recommended by the HoD and submitted to the **Director, Academic Courses**, prior to the commencement of the examination in that course or courses.

Withdrawal shall not be construed as an appearance for the eligibility of a candidate for classification of degree under clause 16.1 & 16.2.

- (i) "Withdrawal application is to be made within TEN days prior to the commencement of the examination".
- (ii) "Withdrawal is NOT permitted for arrears examinations of the previous semesters".
- (iii) Notwithstanding the requirement of mandatory TEN days notice, applications for withdrawal for special cases under extraordinary conditions will be considered on the merit of the case.

19. AUTHORIZED BREAK OF STUDY FROM A PROGRAMME

- 19.1 **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 rejoin the programme in a later semester, permission may be granted based on the merits of the case provided he / she applies to the **Director, Academic Courses** 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 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.

- 19.2 The candidate permitted to rejoin the Programme after the break shall be governed by the rules and regulations in force at the time of rejoining. Such candidates may have to do additional courses as prescribed by the Director, Academic Courses if the Regulation is changed.
- 19.3 The authorized break of study will not be counted for the duration specified for passing all the courses for the purpose of classification. (vide Clause 16.1 and 16.2).
- 19.4 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).

- 19.5 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 19.3 is not applicable for this case.

20. DISCIPLINE

Every student is required to observe disciplined and decorous behaviour both inside and outside the college and not to indulge in any activity which will tend to bring down the prestige of the University / College. In the event of an act of indiscipline being reported, the Registrar shall constitute a disciplinary committee consisting of senior faculty to inquire into the acts of indiscipline and to recommend suitable disciplinary action for approval and implementation.

Ragging in any dimension is a criminal and non-bailable offence in our country. The current State and Central legislations provide for stringent punishment including imprisonment. Once the involvement is established in ragging, the offending student will be dismissed from the institution and will not be admitted into any other institution. Avenues also exist for collective punishment, if individuals can not be identified in this inhuman act. Every senior student of the Institute, along with the parent, shall give an undertaking every year in this regard and this should be submitted at the time of enrolment.

21. REVISION OF REGULATION AND CURRICULUM

The University may from time to time revise, amend or change the Regulations, scheme of examinations and syllabi and if necessary the same brought to the Academic Council and the Syndicate for approval.

Annexure I

(i) Programmes offered in the Faculty of Civil Engineering

M.E. Structural Engineering	Full-Time
M.E. Construction Engineering & Management	Full-Time
M.E. Soil Mechanics & Foundation Engineering	Full-Time
M.Tech. Remote Sensing	Full-Time

(ii) Programmes offered in the Faculty of Mechanical Engineering

M.E. Engineering Design	Full-Time & Part- Time
M.E. CAD/CAM	Full-Time
M.E. Industrial Safety Engineering	Full-Time
M.E. Thermal Engineering	Full-Time

(iii) Programmes offered in the Faculty of Electrical Engineering

M.E. Power Systems Engineering	Full-Time
M.E. Power Electronics and Drives	Full-Time
M.E. Embedded Systems	Full-Time
M.E. Power Management	Full-Time & Part-Time

(iv) Programmes offered in the Faculty of Information & Communication Engineering

M.E. Computer Science & Engineering	Full-Time
M.E. Computer & Communication Engineering	Full-Time
M.E. Communication Systems	Full-Time & Part-Time
M.E. VLSI Design	Full-Time & Part-Time
M.E. Applied Electronics	Full-Time

(v) Programmes offered in the Faculty of Technology

M.Tech. Biotechnology	Full-Time
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(vi) Programmes offered in the Faculty of Science & Humanities

Master of Computer Applications	Full-Time
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(vii) Programmes offered in the Faculty of Management Sciences

Master of Business Administration (MBA)	Full-Time & Part-Time
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Table – 1

P.G. PROGRAMMES OFFERED AND QUALIFICATIONS FOR ADMISSION

S.NO	NAME OF THE PROGRAMME	ELIGIBILITY
FACULTY OF CIVIL ENGINEERING		
1	M.E. Structural Engineering	B.E./B.Tech. Civil Engineering
2	M.E. Construction Engg. & Management	B.E./B.Tech. Civil Engineering
3	M.E. Soil Mechanics of Foundation Engineering	B.E./B.Tech. Civil Engineering
4	M. Tech. Remote Sensing	B.E./B.Tech. (Civil/Agri Engg/EEE/ECE/CSE) (Or) Four-year B.Sc. (Agri /Forestry/Horticulture/Fishery) M.Sc. (Geography/Geology/Physics) Note: The Candidate must have studied at least two Courses of Mathematics at the level of UG / PG in the case of B.Sc. (4 Years) and M.Sc.
FACULTY OF MECHANICAL ENGINEERING		
1	M.E. Engineering Design	B.E./B.Tech. (Mech/Auto/Production/Manufacturing/Industrial Engg/Mechatronics / Marine Engg)
2	M.E. Thermal Engineering	B.E./B.Tech. (Mech / Production / Auto / Aeronautical / Mechatronics / Marine / Industrial / Manufacturing)
3	M.E. CAD/CAM	B.E./B.Tech (Mechanical/Automobile/Manufacturing/ Production/Industrial / Mechatronics/ Marine/ Aeronautical)
4	M.E. Industrial Safety Engineering	B.E/B.Tech (All Branches)
5	M.E. Manufacturing Engineering	B.E./ B.Tech (Production/ Automobile/ Mechanical/Industrial/ Metallurgy/ Manufacturing/ Mechatronics)
FACULTY OF ELECTRICAL ENGINEERING		
1	M.E. Power Systems Engg	B.E./B.Tech. (EEE / I&C / E&I)
2	M.E. Power Management	B.E./B.Tech. (EEE / I&C / E&I)
3	M.E. Power Electronics & Drives	B.E./B.Tech (EEE/ECE/EI/IC/Electronics/Instrumentation)
4	M.E. Embedded Systems	B.E. (EEE/ECE/CSE/EI/IC) B.Tech (IT/ Electronics/ Instrumentation)
FACULTY OF INFORMATION & COMMUNICATION ENGINEERING		
1	M.E. Applied Electronics	B.E/B.Tech (EEE/ECE/Electronics/EI/IC/Instrumentation/ Biomedical/Biomedical Instrumentation)
2	M.E. Communication Systems	B.E/B.Tech (ECE/Electronics)
3	M.E. Computer Science and Engineering	B.E/B.Tech(EEE/ECE/Electronics/IT/CSE/EI/IC/ Instrumentation) or M.Sc 5Years integrated Software Engg / IT/ /CS (Or) M.C.A
4	M.E. VLSI Design	B.E/B.Tech (EEE/ECE/Electronics/Instrumentation/EI/IC/ CSE/IT)
5	M.E. Computer and Communication	B.E/B.Tech (CSE/IT/ECE/Electronics)
6	M.C.A	Any recognised Bachelor's Degree of minimum 3 years

		duration in 10+2+3/4 years pattern in any discipline with Mathematics at 10+2 level. (Or) Any recognized Bachelor's Degree of minimum 3 years duration in 10+2+3 pattern in any discipline with Mathematics or Statistics as one of the subjects.
7.	M.E Networking and Internet Engineering	B.E./B.Tech(EEE/ECE/ IT/CSE/EI/Electronics/MCA with Bachelor degree in Computer Science/Computer Applications / Mathematics / Statistics / Physics / Electronics / Applied Science.
8	M.E. Software Engineering	B.E./ B.Tech. (CSE / IT) / M.C.A. or M.Sc. 5 Years integrated (CS / IT / Software Engineering)
9	M.Tech Information Technology	B.E./ B.Tech. (EEE/ ECE/ IT/ CSE/ Electronics)
FACULTY OF MANAGEMENT SCIENCES		
1	M.B.A	A pass in (a)Any recognized Bachelor's degree with minimum 3 years duration in 10+2+3/4 years pattern (Or) (b) Any recognized Bachelor's degree in 10+3 years Diploma +3 years pattern (or) (c) B.E./B.Tech./B.Arch./B.Pharm.degree