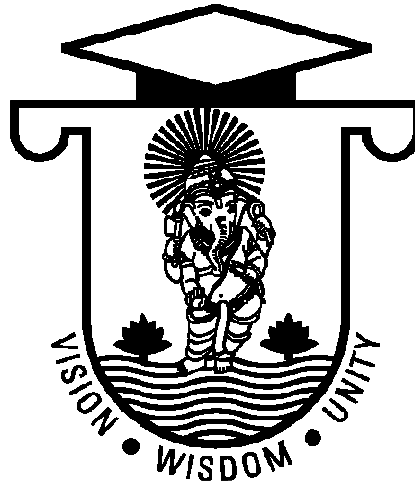


# **VINAYAKA MISSIONS UNIVERSITY**

**(Deemed to be University under Section 3 of UGC Act, 1956)**

**SALEM, INDIA**



**MASTER OF ENGINEERING/ TECHNOLOGY (M.E./M.TECH.)**

**DEGREE PROGRAMME - FULL TIME / PART TIME**

**UNDER FACULTY OF ENGINEERING AND TECHNOLOGY**

**REGULATIONS 2016**

**(FOR THE STUDENTS ADMITTED FROM 2016-17 ONWARDS)**

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In exercise of the powers conferred by the Revised Memorandum of Association (RM2010) and Revised Bye-Laws (RB2010) of the Vinayaka Missions University, Salem, the Board of Management of the University hereby issue the following revised regulations pertaining to the postgraduate Programme and the award of the degree of Master of Engineering/Master of Technology (M.E./M.TECH.) at this University.

**1. TITLE AND COMMENCEMENT**

These revised regulations shall be called "REGULATIONS FOR MASTER OF ENGINEERING / MASTER OF TECHNOLOGY (M.E./M.TECH.) - FULL TIME / PART TIME DEGREE PROGRAMME – (R2016).

These revised regulations come into force with effect from the Academic year 2016-2017 and are subject to such modifications as may be approved by the apex bodies of the University from time to time.

**2. PREAMBLE**

The Degree of MASTER of Engineering / MASTER of Technology (M.E./M.TECH.) in Faculty of Engineering and Technology shall be awarded to a candidate who, as per these regulations, has successfully undergone the programme, passed the prescribed examinations and thereby qualified to receive the degree.

**2.1. General Considerations and Teaching Approach**

The tremendous growth of Science and Technology has made inroads in every sphere of human activity. It has created opportunities, challenges and opened new horizon in the pursuit of knowledge, career and accomplishments. Aspirants are crossing oceans in the pursuit of knowledge and for successful career. The globalization and subsequent opening of our economy have provided ample opportunities in the quest of knowledge to the students of our Nation. Hence a need has arisen to provide flexible, need based, versatile and learner oriented Education / Knowledge to our students and make them competitive. If the present rigid academic system and the Institution methodologies are continued to be imposed, the learners may not have the choice of courses of their liking and hence will not meet the requirements to strengthen their knowledge in specific areas needed for their career. In view of the above a move has to be initiated from Institution centric to learner oriented education system.

The Choice Based Credit System (CBCS) provides ample opportunity for multiple entries, large number of electives, flexible pace for earning credits, carryover of such credits, and choice of courses from other branches. Further it has the ability to accommodate diverse choices that the students may like to have. In view of the above advantages the CBCS has been implemented from the academic year 2012-2013 onwards.

## **2.2. The objectives of CBCS**

- To enrich the horizon of knowledge of students by means of Core, Inter disciplinary, Extra disciplinary and Life/Job oriented courses.
- To ensure more interaction between the teacher and taught in class room and extra class room programmes.
- To offer flexibility in choosing the courses of study according to their needs and learning capacity.
- To enlighten the students on the rich culture of our nation and ethical values underlying real life situations.
- To allow the advanced learner to earn extra credits.
- To maintain the total credits of each programme on a par with International standards.
- To expose the students to the world of social commitment through specially designed components of study like NSS/NCC/ Sports and Games.

## **3. DEFINITIONS AND NOMENCLATURE**

In the Regulations, unless the context otherwise requires, certain terms used and their meanings are as under.

- 3.1. "MHRD" means Ministry of Human Resources Development.
- 3.2. "UGC" means University Grants Commission.
- 3.3. "AICTE" means All India Council for Technical Education
- 3.4. "University" means Vinayaka Missions University. Deemed to be University declared under section 3 of UGC Act, 1956.
- 3.5. "Vice Chancellor or VC" means Vice Chancellor of the University
- 3.6. "Board of Management or BoM" means Board of the Management, the highest governing body of the University
- 3.7. "Academic Council or AC" means Academic Council the highest academic body of the University, chaired by the Vice Chancellor
- 3.8. "Board of Studies or BoS" means Board of Studies of the University under the Faculty of Engineering and Technology
- 3.9. "CoE" means Controller of Examinations of the University

- 3.10. "AICEE" means All India Common Entrance Examination conducted by the University
- 3.11. "Dean" means Dean for the Faculty of Engineering and Technology of the University
- 3.12. "BoF" means Board of Faculty, academic body of Engineering/Technology Programmes / Colleges, constituted by the Vice Chancellor with the Dean as the Chairperson.
- 3.13. "Institution or College" means Engineering College constituted under University.
- 3.14. "Programme" means Under Graduate Programme leading to the award of Degree M.E./M.TECH. approved by the UGC and University.
- 3.15. "Branch" means specialization or discipline of M.E./M.TECH. Degree Programme, such as Mechanical Engineering, Information Technology, etc.
- 3.16. "Course" means every paper/subject of study offered by various departments.
- 3.17. "Credit" is the Course work which is measured in units, based on hours Conducted/week and content of course.
- 3.18. "Head of Institution or HoI" means Principal of the Constituent Engineering college of the University
- 3.19. "HoD" means Head of the Department of the College.
- 3.20. "Curriculum and Syllabus" mean the various components/courses studied in each programme that provides appropriate knowledge in the chosen branch. The curriculum and syllabus for study is as prescribed by the Board of Studies (BoS) with the approval of the concern Board of Faculty (BoF) and Academic Council (AC) based on the UGC/AICTE regulations.
- 3.21. "Teaching Staff or Teacher" means The Dean of Faculty, The Principal of the college, Professors, Associate Professors, Assistant Professors, Pro-term Lecturers and other like persons engaged in teaching the students and assisting the students in the conduct of studies and Research in the College/University.

#### **4. REGISTRATION**

- 4.1. A candidate admitted in the Post Graduate Programme in the constituent Engineering Colleges of the University shall register with the University by remitting the prescribed fees along with the application form for registration dully filled in and forwarded to the Controller of Examinations of this University through the Head of the Institutions within the stipulated date.
- 4.2. The name of the candidate must be registered in the University within three months from the date of admission.
- 4.3. If the candidate fails to satisfy the above clause 4.2., the admission of the candidate stands cancelled and the permission for re-admission for such candidate will not be issued.

#### **5. ELIGIBILITY FOR ENROLLMENT**

The eligible entry qualifications approved by the University are listed in Annexure-I.

##### **5.1. Eligibility Certificate**

The candidate who has passed any qualifying Examination other than the University shall obtain an Eligibility Certificate from the University by remitting the prescribed fee along with the application before seeking admission to the University / Constituent College.

## **5.2. Physical Fitness Certificate**

**5.2.1.** Every candidate before admission to the programme shall submit to the Head of the Institution a Certificate of Medical Fitness from an authorized Medical Officer that the candidate is physically fit to undergo the programme and does not suffer from any contagious disease.

**5.2.2.** The candidates with disability should produce the Disability Certificate issued by the duly constituted District Medical Board.

## **6. PROGRAMMES OFFERED BY THE UNIVERSITY**

A candidate may be offered one of the branches of study from those approved by the University and as specified in Annexure I.

## **7. MODES OF STUDY:**

### **7.1. Full-Time**

7.1.1. Candidates admitted under 'Full-Time' should be available in the University departments during the entire duration of working hours (From Morning to Evening on Full-Time basis) for the curricular, co-curricular and extra-curricular activities.

7.1.2. The Full-time candidates should not attend any other Full-time programme(s) / course(s) or take up any Full-Time job / Part-Time job in any Institution or company during the period of Full-Time programme. Violation of the above rules will result in cancellation of admission to the PG programme.

### **7.2. Part-Time**

This mode of study is applicable to those candidates admitted under sponsored category (Government Agencies / Private agencies / Teacher candidates). In this mode of study, the candidates are required to attend classes along with Full-time students for the required number of courses and complete the course in three years.

## **8. ADMISSION**

**8.1.** The Academic council of the University has the power to decide the number of seats for the particular branch and may decide to restrict admission in any particular year to candidates having the subset of qualifications prescribed at the time of admission based on the recommendation of the concern BoF.

### **8.2. Full Time Mode**

**8.2.1.** The students applying for admission to this programme of this University in Full Time mode shall be selected on the basis of merit through the "ALL INDIA COMMON ENTRANCE EXAMINATION (AICEE)" conducted by the University.

**8.2.2.** The Admission Procedure for the AICEE conducted by the University for this Programme is given separately.

**8.2.3.** The minimum percentage of marks obtained from the above AICEE for eligibility for admission to this programme shall be 50% for the general category candidates and 40% for the candidates belonging to Scheduled Castes, Scheduled Tribes and Other Backward Classes.

**8.2.3.1.** Provided that a candidate who satisfies clause 8.2.3. also must have passed in the qualifying examination mentioned in Annexure - I.

**8.2.4.** Non Resident / Foreign Nationals can be admitted upto 15% of total seats as per norms and guidelines of the University. They are exempted from the AICEE stated in clause 8.2.1. but their merit will be ascertained based on their performance in qualifying examination approved by the Government and the University.

### **8.3. Part Time Mode**

8.3.1. All part time candidates shall be exempted from the AICEE stated in clause 8.2.1.

8.3.2. Selection of the Candidates in Part time mode based on the Merit, Interview, Experience, Sponsorship etc. that may be prescribed by the concern Board of Faculty and approved by the Academic Council of the University.

8.3.3. A candidate seeking admission to Part time mode of study, shall have his/her place of employment not more than 90 Kms from the University/ programmes offered Constituent college(s).

**8.4.** 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 Academic Council based on the recommendation of BoF from time to time.

## **9. DURATION OF THE PROGRAMME**

The Duration of certified study of this programme shall extend over the period of 2 years (4 semesters) for Full time candidates and 3 years (6 semesters) for Part time Candidates.

## **10. EXTENSION OF MAXIMUM DURATION**

The candidates who fail to complete the year-wise programme as mentioned in clause 9 would be permitted to complete the programme within a period of 4 years (8 semesters) for Full time

candidates and 6 years (12 semesters) for Part time candidates from the date of admission to the course. Those who fail to complete within the extended period shall be discharged from the course.

#### **11. COMMENCEMENT OF THE COURSE**

The academic year for the programme shall commence in the month of September every year.

#### **12. WORKING DAYS IN AN ACADEMIC YEAR**

12.1. Each Academic year shall consist of two semesters of not less than 90 working days or 15 working weeks including the Examination.

12.2. The total number of working days and time schedule for this programme will be finalized by the concerned BoF and BoS every year.

#### **13. MIGRATION**

13.1. Migration of students from one Engineering college/University to another Engineering college/University may be granted on any genuine ground subject to the availability of vacancy in the college where migration is sought and fulfilling the other requirements laid down in the AICTE Regulations.

13.2. The applicant candidate shall be eligible to apply for migration only after qualifying in the end of second semester M.E./M.Tech examination.

13.3. The provision of combination of attendance shall be granted to a transferee for admission to the Examinations of this University on satisfactory fulfillment of the regulations of the University.

13.4. The Rules/Guidelines for Migration of the students for this Programme is given separately.

13.5. All Migrations / Transfer are subject to the approval of the Academic Council based on the recommendation of the Vice-Chancellor

#### **14. BREAK OF STUDY**

14.1. Break of study may be permitted for genuine reasons like serious health problems and calamitous family situations. The Vice Chancellor is vested with the power to permit the break for which the candidate must apply in the prescribed form enclosing necessary supporting documents and fees through his/her HoI, sufficiently ahead of the proposed period of break. A break of study may cast for a period of 6 to 12 months.

14.2. The period of break of study of the candidate for rejoining the course shall be calculated from the date of commencement of the discontinuance of the course.

**14.3.** A maximum of one year (two spells having six months duration each) of break of study for PG degree courses will be allowed for the entire duration of the course. Any further break of study shall entail the candidate to be de-registered and his/her admission will stand cancelled.

14.4. A candidate having a break of more than 12 months for PG Degree course, the course of study shall be extended by that period and the candidate is permitted to appear for the examination only after completing this extension period. The candidate shall apply to the University through his/her HoI for the extension using the prescribed form and fees.

14.5. The duration specified for passing all the courses for the purpose of awarding degree as per clause 9 and 10 shall be increased by the period of such break of study permitted.

14.6. If a 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.

## **15. REJOINING / DISCONTINUING AFTER THE BREAK**

15.1. For PG degree courses the Candidate having availed a break of study between 6 and 12 months shall apply for rejoining the course in the prescribed form as in (ANNEXURE - II) by remitting the stipulated fee for condonation of break of study to the Academic Officer of this University through the Principal of the concerned college for issue of necessary permission to rejoin the course. The concerned principal of the College shall not permit any candidate with a Break of study as stipulated above to rejoin the course without obtaining the prior permission from the authorities of the University.

15.2. All the postgraduate students have to execute a declaration at the time of registration with this university in this regard in the prescribed form as in Annexure -III

15.3. Any break of study beyond two years for full time candidates and three years for part time candidates are considered as discontinuation of study. This is applicable for all the years of study of the post graduate degree courses. However, in exceptional cases, if a candidate having a break of study beyond two years for full time candidates and three years for part time candidates but less than four years for full time candidates and six years for part time candidates and the break of study is in six months one spell, the Board of Management, may, on the recommendation of the Vice Chancellor, permit the candidate to rejoin the course from the beginning of the year. The Candidate shall be permitted to rejoin at the beginning of the first year of the course (i.e.) the candidate has to re-do the course from the beginning and shall after fulfillment of the Regulations this University to the course concerned be admitted to the examinations. The candidate shall not be exempted in the subjects already passed.

## **16. READMISSION AFTER EXTENSION**

If the candidates name is not registered with the University within three months from the cutoff date prescribed for the respective courses for admission without any valid reasons / ground for



such non-registration, permission for re-admission for such candidates will not be issued by the University.

## **17. PROGRAM STRUCTURE**

### **17.1. Training Period and Time Distribution**

17.1.1. Every student shall undergo a period of certified study extending over 2 academic years allocated into 4 semesters for full time candidates and three years allocated into 6 semesters for part time candidates with the duration of six months period from the date of commencement of his/her study for the subjects comprising the Engineering/Technical curriculum to the date of completion of the examination.

17.1.2. 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.

### **17.2. Curriculum**

17.2.1. The curriculum and the syllabus for the course pertaining to the M.E./ M.Tech Programme for both Full time and Part time are given separately.

17.2.2. The curriculum and the syllabus for the course shall be prescribed by the Academic Council based on the recommendation of concern Board of faculty and Board of Studies.

17.2.3. The P.G. Programmes will consist of core courses, Elective courses Project work. The Programme will also include design projects/seminars/ practicals /practical training, if they are specified in the Curriculum.

17.2.4. Two weeks of practical training in any industrial / research laboratory correspond to one credit, and is applicable to all modes of study.

#### **17.2.5. Semester Curriculum**

The curriculum of each semester shall normally be a blend of theory courses not exceeding 7 and practical courses not exceeding 4. The total number of courses per semester shall not exceed 10.

#### **17.2.6. Elective**

1. The electives from the curriculum are to be chosen with the approval of the Head of the Department concerned.

2. A candidate may be permitted by the Head of the Department to choose a maximum of two electives from P.G. Programmes offered in any other department of the University during the period of his/ her study, provided the Head of the Department offering such course also approves such request subject to no clash in the time-table for the lecture classes of both departments.

#### **17.2.7. Project Work**

The project work for M.E./M.Tech. consists of Phase-I and Phase-II. The 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.

**17.2.8. Medium of Instruction**

The medium of instruction for lectures, examinations and project work is English, except for language courses other than English.

**17.3. Course Evaluation**

**17.3.1. Credits**

Course work is measured in units called credit hours or simply credits. The number of periods or hours of a course per week is the number of credits for that course. The details of credit allocation are follows:

Nature of the Course	Periods / Hours per Week	Credits
Theory	3	3
	4	4
Laboratory	2 or 3	1
Special Laboratory	4 to 6	2
Theory + Laboratory	2 (Theory) + 1 or 2 ( Laboratory)	3
Tutorial	1	1
Project Work (Fourth or Six Semester)	18 ( Minimum)	6

Mini project, Technical Seminar and Industrial Training are also given 1 to 2 credits depending on the amount of time allotted based on the specific requirement of the branch concerned.

**17.3.2. Total Credits**

The total number of credits a student earns during the course of study period called the total credits. For successful completion of M.E./M.TECH. programme, a student must earn 68-80 credits. The branches of study approved by the University and it required minimum credit as given in Annexure – IV.

**17.3.3. Minimum Credit Requirements to Do the Project**

1. A candidate of M.E./M.TECH. programme, must earn a minimum of 24 credits for doing his/her projects in Phase-I.
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 in clause 17.3.3.1.) and then enroll for the project (Phase - I) work in the subsequent semester.
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.

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 PhD degree or PG degree with a minimum of 3 year experience in teaching PG courses.

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.

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.

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 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.

#### **17.4. Faculty Advisor**

To help the students in planning their courses and for general guidance on the academic programme, the Head of the Department will allot a certain number of students to a teacher of the department who shall function as faculty advisor for those students throughout their period of study. The faculty advisor shall advise the students and monitor the courses undergone by the students, check attendance and progress of the students attached to him/her and counsel them periodically. The faculty advisor may also discuss with the HOD and parents about the progress of the students if necessary.

#### **17.5. Class Committee**

17.5.1. Every class will have a class committee constituted by the HOD. The members of the Class committee consisting of Chairperson (a teacher who is not normally teaching any course for the class), all teachers handling courses for the class, Students (a minimum of 4 consisting of 2 boys and 2 girls on pro-rata basis)

##### **17.5.2. Function of the Class Committee**

The functions of the class committee shall include the following.

1. Clarify the regulations of the programme and the details of rules therein.
2. Inform the student representatives, the academic schedule including the dates of assessments and the syllabus coverage for each assessment.

3. Inform the student representatives the details of Regulations regarding weight age 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.

4. Analyze the performance of the students of the class after each test and initiate steps for improvement.

5. Identify slow learners, if any, and request the teachers concerned to provide additional help / guidance / coaching to such students.

6. Discuss and sort out problems experienced by students in the class room and in the laboratories.

17.5.3. The class committee shall be constituted within the first week of commencement of any semester.

17.5.4. The chairperson of the class committee may invite the faculty advisor and the Head of the Department to the meeting of the class committee.

17.5.4.1. The principal may participate in any class committee meeting of the Institution.

17.5.5. The chairperson is required to prepare the minutes of every meeting, submit the same through the Head of the Department to the Principal within two days of the meeting and arrange to circulate the same among the students and teachers concerned. Points requiring action by the University shall be brought to the notice of the University by the Principal.

17.5.6. The first meeting of the class committee shall be held within ten days from the date of commencement of the semester, in order to inform the students about the nature and weightage of assessments as per the framework of the Regulations. Two or three sub-sequent meetings may be held in a semester at suitable intervals. During these meetings the student representatives shall meaningfully interact and express opinions and suggestions of the students of the class to improve the effectiveness of the teaching - learning process.

17.5.7. The Head of the Department shall appoint Faculty advisor, Chairperson of the class committee

### **17.6. Course Committee for Common Courses**

Each common theory course offered to more than one class / branch by more than one teacher shall have a Course Committee comprising all the teachers teaching the common course with one of them nominated as Course Coordinator. The HoD will nominate the course committee for common course / courses handled in their department. The Principal will nominate the course committee for common courses handled in more than one department. This course committee will ensure that a common question paper is prepared for the tests / exams and uniform evaluation is carried out. The Course committee will meet a minimum of 3 times in each semester.

## 18. EXAMINATION

### 18.1. Commencement of Examinations

The University Examinations will be conducted twice in an academic year. The CoE would notify the dates of examinations to the candidates. The examination shall be commenced in the month of November and April in every academic year.

### 18.2. Requirements for Admission to Examinations

#### 18.2.1. Attendance Requirements

1. No candidate shall be permitted to appear for the Examination unless he/she put in 75% attendance in individual course(s) including laboratory course(s) inclusive of attendance in non-lecture teaching i.e. seminars, group discussions, and tutorials.

1.1. If a candidate fails to satisfy the clause 18.2.1.1., they are required to repeat that incomplete course(s) in the next academic year whenever offered or complete the course(s) in the summer term if offered.

*Note:* All students are expected to attend all classes and secure 100% attendance. The above provision is made to allow for unavoidable reasons such as medical leave/ permitted participation in sports and Co-curricular activities.

2. The Head of the Institutions of the Constituent Colleges has to furnish to the Controller of Examinations of this University, the attendance particulars specifying the number of working days attended by the candidate every 45 days both by E-mail and in hard copy form.

3. Before commencement of examination of the semester the Head of the Institutions of the constituent colleges has to furnish the consolidated attendance particulars of the candidates for all subjects enrolled by him/her, specifying the number of days of attendance in each month for a period of one semester to this University, in the prescribed format.

4. The period of internal test for both theory and practical is also considered as working period for this programme.

5. The attendance particulars for the Examination session for the respective study period are to be submitted two weeks prior to the commencement of the Examination. As the candidate would have paid the fees for the particular Examination, it could be presumed that he/she would attend the rest of the classes in the remaining two weeks after submission of attendance particulars to the University and appear for the Examination.

6. The days of suspension of a student on disciplinary grounds will be considered as days of absence for calculating the percentage of attendance, for individual courses.

#### 18.2.2. Condonation of Lack of Attendance

1. Condonation of shortage of attendance up to a maximum of 10% may be sanctioned by the Vice-Chancellor in deserving cases.

2. A candidate lacking attendance shall submit an application in the prescribed form and remit the stipulated fee 15 days prior to the commencement of the examination.

3. The Head of the Department and Head of the Institution should forward the candidate's request application with their endorsements to the Controller of Examinations who would put it up for the Vice-Chancellor's approval.

4. Application not forwarded through proper channel will not be entertained.

5. Condonation of lack of attendance shall be taken up for consideration under the following circumstances:

5.1. Any illness affecting the candidate (The candidate should submit Medical Certificate from a registered Medical Practitioner to the Principal of the college immediately after returning to college after treatment)

5.2. Any unforeseen tragedy in the family. (The parent / guardian should give in writing the reason for the ward's absence to the Principal).

5.3. Participation in NCC / NSS / YRC and other co-curricular activities representing the college or University. (The Head of the Institution should permit the candidate to participate and instruct the concerned officers in -charge of the student's activities in their college to endorse the leave.)

5.4. Any other leave the Head of Institution deems reasonable for Condonation.

### **18.2.3. Other Requirements for Admission to the Examinations**

Registration for all Eligible courses in the current semester and arrear examination where ever applicable M.E./M.TECH. Examination as specified in the curriculum of the regulations.

**18.2.4.** The University shall ensure that the students of the colleges, who do not fulfill the Regulation for Engineering/Technology (Minimum Standards of Education), are not sent for the University Examination.

18.2.5. Each theory paper shall be of three hours duration.

### **18.3. Methods of Evaluation**

Evaluation may be achieved by the written test, practicals, mini project, seminars and viva voce tested methods. It is achieved by two processes.

18.3.1. Formative or Internal assessment (IA) is done through a series of tests and examinations conducted by the institution.

18.3.2. Summative or University examinations are done by the university through examination conducted at the end of the specified course.

#### **18.4. Internal Assessment**

18.4.1. The IA shall be based on day to day assessment, evaluation of student assignment, preparation for seminar, Internal/model/ online test etc.

18.4.1.1. Internal assessment shall relate to different ways in which student's participation in learning participation in learning process during semesters in evaluated. For example, Preparation of subject for student's seminar, tutorial, problem solving exercise, Participation in Project in the Engineering/Technology, Proficiency in carrying out a practical or a skill in small research project, Multiple choice questions (MCQ) test after completion of a system/ teaching etc.

18.4.1.2. Each Assessment mentioned in clause 18.4.1.1. is tested and recorded. Some of the assessment can be assigned as Home work/ Vacation work.

18.4.2. The continuing assessment examinations for theory may be held frequently atleast three (Two Internal tests and one model test) times in a given semester and the marks of that examination shall be taken into consideration for the award of sessional marks.

18.4.3. A minimum of one practical examination shall be conducted during the semester and marks for that examination shall be taken into consideration for award of sessional marks.

18.4.4. Day to day records should be given importance during internal assessment.

18.4.5. Weightage for the internal assessment shall be 50% of the total marks in each subject.

18.4.6. The internal assessment marks (both in theory and Practical) should be submitted to the University endorsed by the Principal of the College 15 days prior to the commencement of the theory examinations.

18.4.7. No candidate shall be permitted to appear for the Examination unless he/she secures 25 marks out of 50 marks in Internal Assessment in all courses registered in that semester.

18.4.8. If a candidate fails to satisfy the clause 18.4.7., he/she is required to Improve the IA in that course(s) in the next semester. Again if he fails to secure the minimum requirement, from third attempt onwards, only university marks alone will be considered.

#### **18.7. Internal Marks Distribution**

##### **18.7.1. Attendance Record and Marks for attendance**

Every teacher is required to maintain an 'ATTENDANCE AND ASSESSMENT RECORD' for each course handled, which consists of students attendance in each lecture / practical / project work class, the test marks and the record of class work (topics covered). This should be submitted to the Head of the Department periodically (at least 3 times in a semester) for checking the syllabus coverage and the records of test marks and attendance. The HOD after due verification will sign the

above record. At the end of semester, the Record should be verified by the Principal. These records will be kept in safe custody by respective HOD for five years. The marks allocated for attendance is as follows:

% of Attendance	Marks
<= 75	0
76-80	1
81-85	2
86-90	3
91-95	4
96-100	5

### 18.7.2. Theory

The distributions of marks for theory are as follows:

S. No	Components for Internal Assessment	Syllabus Coverage for the test / Exam	Duration of the test in minutes.	Marks (max.)	Question Paper Pattern
1.	Internal Test – I	2 Units of the Syllabus	90	7.5	<b>Part A</b> – (Short Answer) 5 X 2 = 10 Marks <b>Part B</b> – 03 X 10 = 30 Marks (Descriptive – Either - OR Type) <b>Total = 40 Marks</b>
2.	Internal Test – II	Next 2 Units of the Syllabus	90	7.5	
3.	Model Exam	Full Syllabus	180	25	<b>Part A</b> – (Short Answer) 10 X 2 = 20 Marks <b>Part B</b> – 05 X 16 = 80 Marks (Descriptive – Either - OR Type) <b>Total = 100 Marks</b>
2	Assignment / Seminar/ Online test		-	5	
3.	Attendance (as per Clause 18.7.1.)		-	5	
	<b>Total</b>			<b>50</b>	

#### 18.7.2.1 Online Test

Each online test contains Ten Objective / Multiple Choice type questions from each subject of the current semester with one minute time for each question. It requires to be



done on the Computer. Students will login with specific password (different password for different batches) Students will start answer by clicking any one of the answer, at the end students can view the score then & there.

### 18.7.3 Practical

18.7.3.1 Every practical exercise / experiment in all practical courses will be evaluated based on the conduct of exercise / experiment and records maintained by the students. There will be at least one model practical examination.

18.7.3.2 The criteria for awarding marks for internal assessment is as follows

<b>Items</b>	<b>Marks (Maximum)</b>
Observation	<b>10</b>
Record	<b>10</b>
Model Practical / Mid Semester Test	<b>25</b>
Attendance (as per clause 18.7.1)	<b>05</b>
<b>Total</b>	<b>50</b>

18.7.3.2.1. The maximum marks for Internal Assessment shall be 50 in case of theory courses with Laboratory component. If there is a theory course with Laboratory component, there shall be three tests: the first test for a duration of 90 minutes carrying weightage of 10 marks will be from theory portions and the second test will be for laboratory component carrying weightage of 10 marks and a model examination carrying weightage of 25 marks with duration of 3 hours. The remaining 5 marks shall be distributed for attendance as prescribed in clause 18.7.1

### 18.7.4 Project Work

1. The evaluation of the project work done by the student will be carried out by a committee constituted by the Principal on the recommendation of HoD. For each programme one such review committee will be constituted.
2. The Review committee consists of three senior faculty members including one supervisor/Guide of the student, having expertise in the areas of project.
3. The student shall make a presentation at least three times, on the progress made by him/her before the review committee. There will be equal weightage for all three assessments (each for 100 marks maximum) and the total marks obtained will be reduced for 45 (15 Marks Each) and the remaining 05 marks will be given for attendance vide clause 18.7.1.
4. The report of the committee will be submitted to the Head of the Department for review. The HoD based on the recommendation of the review committee will take the appropriate action to improve the skill / performance of the student on his/her project with the help of his/her project supervisor.
5. There will be a Viva voce examination for both Phase-I and Phase-II during End semester examination conducted by a committee consisting of the Supervisor, One internal examiner and one external examiner.

6. The both Internal and External examiners are appointed by the CoE of the University from the panel of the examiners approved by the Academic council.
7. The project report prepared as per approved guidelines and duly signed by the Supervisor(s) and HoD shall be submitted to the HoI.
8. If the candidate fails to obtain 50% of the internal 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.
9. If a candidate fails to submit the project report on or before the specified time, 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.
  - 9.1. 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 of M.E. / M.Tech. 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.
9. A candidate doing his/her project in any of the phases shall submit a paper/patent related to his/her project for publication in a journal or a conference. An acceptance from the concerned Journal or Conference shall be enclosed by the Supervisor to the report of the concern student's project work. This report shall be sent to the Controller of Examination along with the evaluation marks by the team of examiners without which the thesis/Report shall not be accepted.
10. 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.
11. 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.
13. 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.

#### **18.7.5. Technical Seminar & Mini Project**

##### **1. Seminar**

1.1. If seminar is prescribed in the curriculum, the same 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 and for each seminar marks can be equally apportioned. At the end of the semester the marks can be consolidated and taken as the final mark and hence, there is no need for End semester examination for

## SEMINAR.

1.2. The evaluation of the credit based seminar will be based on the observation and evaluation by the Seminar in-charge appointed by the HoD and approved by the HoI.

### **2. Mini Project**

2.1. The mini-project, if specified in the curriculum, the same is to be considered as purely INTERNAL and it will be evaluated based on a report and a viva voce examination.

2.2. A three member review committee shall constitute by the Head of the Department having expertise in the areas of mini projects shall conduct a minimum of three presentation including one viva voce examination and marks can be equally allotted. At the end of the semester the marks can be consolidated and the final mark and hence there is no need for End semester examination for MINI PROJECT. The result will be submitted to the CoE through HoI.

## **18.8. University Examinations**

### **18.8.1. Theory Courses**

1. Theory papers will be prepared by the examiners as prescribed. Nature of questions will be Ten questions each carrying two marks in Part A and five questions Either - Or type each carrying 16 marks in Part B. The Evaluation will be for 100 marks and the weightage for End semester theory will be 50 and the duration of the Examination is 3 hours.

2. The model question paper for each subject is enclosed with Syllabus, which is given separately.

### **18.8.2. Practical Courses**

1. Practicals will be conducted in the laboratories. The objective will be to assess proficiency in skills, conduct of experiment, interpretation of data and logical conclusion.

2. End Semester examination for practical courses will be conducted jointly by one internal examiner and one external examiner appointed by the Controller of Examinations.

3. The evaluation will be for 100 marks and the weightage for End Semester practical course will be 50.

4. The mini project if specified in the curriculum, will be evaluated based on a report and a viva voce examination. The internal and external examiners shall be appointed by the CoE.

**18.8.3.** The approval of the Appointment of examiners for theory, practical and Project work evaluation by the academic council of the university based on recommendation of the concerned BOF and BOS

### **18.8.4. Malpractice**

If a student indulges in malpractice in any internal test / model examination / end semester examination, he / she shall be liable for punitive action as prescribed.

**18.8.5.** A student who has appeared and passed any course is not permitted to re-enroll / reappear in the course / exam for the purpose of improvement of the grades.

**18.8.6.** The examinations are to be designed with a view to ascertain whether the candidate has acquired the necessary for knowledge, minimum skills along with clear concepts of the fundamentals which are necessary for him/her to carry out his/her professional day to day work competently. Evaluation will be carried out on an objective basis.

**18.8.7.** There shall be two main examinations in a year to be held not later than 6 months after the publication of its results.

#### **18.8.8. Passing Requirements**

1. A candidate who secures not less than 50% of total marks prescribed for the courses with a minimum of 50% prescribed for the end examination in both theory and practical courses including project work shall be declared to have passed the Examination.

2. For students scoring less than the passing minimum marks in the end semester examinations, the term "RA" against the concerned course will be indicated in the grade sheet. The student has to reappear in the subsequent end semester examinations for the concerned course as arrears. The letter grade "RA" will be indicated in the grade sheet for courses for which the student has insufficient attendance.

2.1. In case of a student having shortage of attendance the student shall redo the course as a summer term course or in the regular semester as the case may be required.

2.2. For a student who is absent for theory/practical/ project viva- voce, the term "AB" will be indicated against the corresponding course. The student should reappear for the end semester examination of that course as arrear in the subsequent semester.

2.3. The letter grade "RA" will be indicated for the courses for which the student has been granted authorized withdrawal as per clause 14.3.

3. 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 subsequent semester when examination is conducted in that course; he/she should continue to register and reappear for the examinations in the failed subjects till he / she secures a pass.

4. The Internal Assessment marks for all the courses including practicals are valid for a minimum of 2 attempts in the end semester examinations, including the first appearance. However, from the third attempt onwards if a candidate fails to obtain pass marks (IA + End Semester Examination) then the passing requirement shall be as follows:

4.1. The candidate should secure at least 50% of the maximum marks prescribed for the course in the University examinations alone irrespective of Internal Assessment marks obtained, in addition to 50% in the total Internal Assessment and End semester marks.

#### **18.8.9. Examiners**

1. No person shall be appointed as an examiner in any of the subjects of the Professional examination leading to and including the projects for the award of the

M.E./M.Tech degree unless he/ she has atleast five year experience in teaching at PG level, a doctorate degree of a recognized university or an equivalent qualification in the particular subject as per recommendation of the council on teachers? eligibility qualifications and has had at least five years of total teaching experience in the subject concerned in a college affiliated to a recognized university at a faculty position.

2. External examiners shall not be from the same university.
3. External examiners shall rotate at an interval of 3 years
4. There is a separate set of examiners for each constituent engineering college of the University with internal examiners from the concerned college.
5. There shall be a Chairman of the Board of paper-setters who shall be an internal examiner and shall moderate the questions.

#### **18.8.10. Submission of Laboratory Record Note Books**

1. At the time of practical each candidate shall submit to the Examiners in his/her laboratory record note books duly certified by the Head of the Department /Institution as the bonafide record of the work done by the candidate.
2. The practical record shall be evaluated by the concerned Internal Examiner
3. In respect of failed candidates the marks awarded for records at previous examinations will be carried over for the subsequent examination or the candidates shall have the option to improve his/ her performance by submission of fresh records.

### **19. RESULTS & READMISSION TO EXAMINATION**

19.1. The University may ensure that the results of the examinations are published in time so that the student who successfully completes M.E./M.Tech. Examination can complete the course in within stipulated time prescribed by the regulation.

19.2. A student who fails in the Examination shall be allowed to appear next higher Semester examination.

19.2.1. The student may carry over his/her subject(s) as Arrear(s) till his/her end of the course. But he/she should register all the subjects in each and every semester.

19.3. If the University may under exceptional circumstances, partially or wholly cancel any examination conducted by it, shall intimate to the Academic Council of the University and arrange for conduct the re-examination in those subjects within the period of 30 days from the date of such cancellation.

19.4. Methods for Redressal of Grievances in Evaluation of Answer Scripts

19.4.1. Students who are not satisfied with the grades awarded can seek redressal by the methods given below

Sl. No.	Redressal Sought	Methodology
1.	Request for photocopy	To apply to CoE within 5

	of the answer script.	days of declaration of result along with the payment of the prescribed fee.
2.	Request for Revaluation of answer script.	
3.	Request for Revaluation along with the photocopy of answer script.	
4.	Request for revaluation after obtaining photocopy of the answer script (Refer at S.No.01.)	To apply to CoE within 5 days of obtaining the photocopy along with the payment of the prescribed fee.

## 20. CLASSIFICATION OF PERFORMANCE

Classification of performance of students in the examinations pertaining to the courses in a programme is done on the basis of numerical value of Cumulative Grade Point Average (CGPA). The concept of CGPA is based on Marks, Credits, Grade and Grade points assigned for different mark ranges. The following Table shows the relation between the range of marks, Grades and Grade points assigned.

Grade	Grade Points(GP)	Range of percentage of Marks	Class
O ++	10	95 - 100	FIRST CLASS WITH DISTINCTION
O +	9.5	90 - 94	
O	9	85 - 89	
A ++	8.5	80 - 84	
A +	8	70 - 79	
A	7	60 - 69	FIRST CLASS
B +	6	55 - 59	SECOND CLASS
B	5.5	51 - 54	
C	5	40 - 50	MINIMUM PASS
AB			REAPPEAR
RA			

A student is deemed to have passed and acquired the corresponding credits in a particular course if he/she obtained any one of the following grades: ‘O ++’, ‘O +’, ‘O’, ‘A ++’, ‘A +’, ‘A’, ‘B +’, ‘B’ and ‘C’ mentioned above with an **aggregate percentage merely of 50 for MINIMUM PASS.**

The grade ‘RA’ denotes Failed in the particular subject(s) which requires Reappearance (RA) for that particular course in the subsequent examinations. The grade ‘RA’ will figure in Result sheets and Grade Sheets.

The grade 'RA' denotes Failed in the particular subject(s) because of insufficient attendance which requires Reappearance (RA) for that particular course in the subsequent examinations. The grade 'RA' will figure in Result sheets and Grade Sheets as mentioned in clause 14.11.

The letter grade 'AB' denotes Eligible to write the particular subject(s) but absent for that subject(s) which requires Reappearance (RA) for that particular course in the subsequent examinations.

## 21. GRADE SHEETS

### 21.1. Semester Grade Point Average (SGPA)

On completion of a semester, each student is assigned a Semester Grade Point Average which is computed as below for all courses registered by the student during that semester.

$$\text{Semester Grade Point Average (SGPA)} = \frac{\sum(C_i \times G_i)}{\sum C_i}$$

Where  $C_i$  is the credit for a course in that semester and  $G_i$  is the Grade Point earned by the student for that course. The SGPA is rounded off to two decimals.

### 21.2 Cumulative Grade Point Average (CGPA)

The overall performance of a student at any stage of the Degree programme is evaluated by the Cumulative Grade Degree programme is evaluated by the Cumulative Grade Point Average (CGPA) up to that point of time.

$$\text{Cumulative Grade Point Average (CGPA)} = \frac{\sum_j \left\{ \frac{\sum_i (C_{ij} * G_{ij})}{\sum_i C_{ij}} \right\}}$$

Where 'j' indicates the semester number, 'i' indicates the course number in the semester 'j', C the credit for a course in any semester and G is the grade point earned by the student for that course. The CGPA is rounded off to two decimals.

### 21.3. Issue of Grade sheets

21.3.1. Separate grade sheet for each semester will be given to the students by the CoE after the publication of the results.

21.3.2. After the completion of the programme a consolidated grade sheet will be issued to the student by the office of the CoE.

21.3.3. After results are declared, Grade Sheets will be issued to each student which will contain the following details:

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

## 22. CRITERIA FOR A PASS

A student shall be declared to be eligible for the award of the M.E/M.Tech. Degree provided the student has successfully completed the course requirements and has passed all the prescribed examinations in all the Four semesters (Six semesters for Part time candidates) within a maximum

period of 4 years (6 years for Part time candidates) reckoned from the commencement of the first semester to which the candidate was admitted.

### **23. CLASSIFICATION OF SUCCESSFUL CANDIDATES**

23.1. A successful candidate who secures **8 or above of the CGPA** in aggregate and passing all the subjects in his/ her first appearance will be declared to have passed in **First class with Distinction**

23.1.1. Authorized break of study vide Clause 14 and authorized withdrawal examination vide clause 18.3. are permissible

23.2. A successful candidate who secures **7 CGPA** in aggregate and passing all the subjects within maximum of four semesters for regular and a maximum of six semesters for part time students will be declared to **have passed in First class.**

23.2.1. Authorized break of study vide Clause 14 and authorized withdrawal examination vide clause 18.3. are permissible.

23.3. **Candidates who have passed all the subjects as per regulations and not falling under the clauses 23.1 and 23.2. shall be declared to have passed in second class.**

23.3.1. **A student who is absent for the end semester examination in a course / project work Viva Voce after having registered for the same will be considered to have appeared for that examination for the purpose of classification.**

### **24. RANKING**

Students obtaining top 3 positions or top 10% in CGPA ranking (whichever is higher) in a branch will be considered as a rank holder. They should have passed all the prescribed courses in the first appearance and should have obtained a **CGPA of 8 and above.** The student should also have a clean record of discipline during the period of study. Special certificates will be given to rank holders. There should be at least five candidates to rank in particular discipline.

### **25. AWARD OF DEGREE**

The award of Degree will be approved by the concern authority of the University. The degree and consolidated Grade Sheet will be issued by Vinayaka Missions University.

### **26. INDUSTRIAL VISIT**

Every student is expected to complete the field visit / industrial training, if any, as prescribed in the curriculum. The Faculty Advisor in consultation with the Head of the Department will organize the visit. Faculty should accompany the students during Industrial visits.

### **27. DISCIPLINE**

Every student is required to be disciplined and maintain decorum both inside and outside the college campus. They should not indulge in any activity which can bring down the reputation of the University or College. The Principal shall constitute a disciplinary committee consisting of Principal, Two Head of Department (of which one should be from the faculty of the student) to enquire into acts of indiscipline and notify the Academic Council about the disciplinary action taken.

### **28. SPECIAL PROVISIONS -Option for Elective Courses**

A student can have the option of taking 2 elective courses from other departments.

### **29. MODIFICATIONS OF REGULATIONS**

These regulations are subject to modifications from time to time as per the decisions of the apex body of the University

## **ANNEXURE - I**

### **ELIGIBLE ENTRY QUALIFICATIONS FOR ADMISSION TO P.G PROGRAMMES OFFERED IN UNIVERSITY (VMKVEC & AVIT)**

Sl. No.	PG Programme Offered	Eligible Qualification
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1.	M.E. in Structural Engineering	B.E. / B.Tech in Civil Engineering
2.	M.E. in Irrigation, Water Management and Resource Engineering	B.E. / B.Tech in Civil Engineering / Agriculture Engineering/ Geo-informatics
3.	M.E. in Environmental Engineering	B.E./B.Tech in Civil Engineering / Chemical Engineering / Geo-informatics / Biotechnology / Industrial Biotechnology ( or ) B.E./B.Tech ( any branch ) with 3 years of relevant experience / B.Tech. ( Energy and Environment Engineering ) Tamil Nadu Agricultural University, Coimbatore
4.	M.E. in Construction Engineering and Management	B.E. / B.Tech in Civil Engineering
5.	M.E. in Manufacturing Engineering	B.E. / B.Tech. in Production Engineering / Automobile Engineering / Mechanical Engineering / Industrial Engineering / Metallurgy Engineering / Manufacturing Engineering / Mechatronics Engineering / Material Science Engineering
6.	M.E. in Computer Aided Design	B.E. / B.Tech. in Mechanical Engineering / Automobile Engineering / Manufacturing Engineering /Production Engineering / Aerospace Engineering / Industrial Engineering / Mechatronics Engineering / Marine Engineering / Aeronautical Engineering
7.	M.E. in Thermal Engineering	B.E. / B.Tech. in Mechanical Engineering / Production Engineering / Automobile Engineering / Aeronautical Engineering /Aerospace Engineering / Mechatronics Engineering / Marine Engineering / Industrial Engineering / Manufacturing Engineering
8.	M.E. in Power Systems Engineering	B.E. / B.Tech. in Electrical and Electronics Engineering
9.	M.E. in Power Electronics and Drives	B.E. / B.Tech. in Electrical and Electronics Engineering / Electronics and Communication Engineering / Electronics and Instrumentation Engineering / Instrumentation and Control Engineering / Electronics Engineering / Instrumentation Engineering
10.	M.E.in Biomedical Engineering	B.E. / B.Tech. (All branches) M.Sc. in Medical Physics
11.	M.E. in VLSI Design	B.E. / B.Tech. in Electronics and Communication Engineering / Electronics and Tele-communication Engineering / Electrical and Electronics Engineering / Electronics Engineering / Instrumentation Engineering / Electronics and Instrumentation Engineering / Instrumentation and Control Engineering / Computer Science and Engineering / Information Technology
12.	M.E. in Applied Electronics	B.E. / B.Tech. in Electrical and Electronics Engineering / Electronics and Communication Engineering / Electronics Engineering / Electronics and Instrumentation Engineering / Instrumentation and Control Engineering / Instrumentation Engineering / Biomedical

		Engineering / Biomedical Instrumentation Engineering / Medical Electronics
13.	M. Tech. in Information technology (Only Full Time mode available)	B.E. / B.Tech. in Electrical and Electronics Engineering / Electronics and Communication Engineering / Information Technology / Computer Science and Engineering / Computer Science & Software Engineering / Electronics Engineering / Computer Hardware and Software
14.	M.Tech. in Bio-Technology	B.E. / B.Tech. in Chemical Engineering / Leather Engineering / Genetic Engineering / Bio-Chemical Engineering / Industrial Bio-Technology / Petroleum Engg. / Tech. / Bio-Technology / Petrochemicals Engineering / Agricultural Bio-Technology / Petroleum Refining & Petro Chemicals / Chemical and Electrochemical Engineering
15.	M.E.in Embedded System Technology	B.E. / B.Tech. in Electrical and Electronics Engineering / Electronics and Communication Engineering / Computer Science and Engineering / Instrumentation and Control Engineering / Electronics and Instrumentation Engineering / Information Technology / Electronics Engineering / Instrumentation Engineering
16.	M.E.in Computer Science and Engineering	B.E. / B.Tech. in Electrical and Electronics Engineering / Electronics and Communication Engineering / Electronics Engineering / Electronics and Telecommunication Engineering / Information Technology / Computer Science and Engineering / Instrumentation and Control Engineering / Electronics and Instrumentation Engineering / Instrumentation Engineering / Computer Hardware & Software Engineering / Computer Science and Software Engineering M.Sc. (5 years integrated) in Information Technology / Computer Science / Software Engineering B.Sc. (3 years) in IT related major courses & M.Sc. (2 years) in IT related major courses in Information Technology / Computer Science M.C.A (10+2+3+3) years Pattern
17.	M.E. in Disaster Mitigation and Management	B.E. / B.Tech. (All Branches)
18.	M.E.in Solid Waste Management	B.E. / B.Tech. (All Branches)

**ANNEXURE - II**  
**PROFORMA FOR RE-ADMISSION**

1. Name of the student with Register No. :
2. Name of the course and period of study :

3. Name of the Faculty / College :
4. Date of Joining the course :
5. Duration of break of study :
6. Details of examinations appeared & Subjects passed :
7. Reasons for the break of study of the course (Evidence should be produced) :
8. The details of previous break of study (Enclose Xerox copy of the condonation order) :
9. Whether his / her own vacancy is available for rejoining the course:
10. Whether any disciplinary action taken or under investigation :
11. Whether the candidate has paid the prescribed fee for readmission sought for (furnish the details)

Processing Fee: Rs.500/- Condonation

Fee: Rs.1,000/- Per year of part there of (or) as revised by the University from time to time). :

12. Previous correspondence if any (Furnish copies of relevant records) :
13. Recommendation of the Dean/Principal /Director concerned :

This is to certify that the details furnished above in respect of the candidate are verified and found to be correct.

Signature of Dean / Principal / Director  
(with seal)

Sl. No.	Name of the Candidate (s)	Name of the Course and Branch (if applicable)	Total No. of working days/ hours for the year / semester	Minimum No.ofdays required for attendance certificate	No. of days attended by the candidate	Actual shortage of attendance
1	2	3	4	5	6	7
1.						
2.						
3.						
4.						
5.						

1. Requested condonation of attendance in respect of the above candidate/s as the shortage of attendance is within prescribed condonation limit.

2. The Demand Draft(s) for Rs..... being the fee for condonation of shortage of attendance, drawn in favor of **The registrar, Vinayaka Mission's Research Foundation - Deemed University, Salem** is / are enclosed.

Date :

Place :

Recommended by

Approved by

(Head of the Institution)

(Signature with college seal)

**VICE CHANCELLOR**

(Signature with seal)

**Note :**

1. The fee prescribed for condonation of shortage of attendance as specified by the university shall be paid by the student.
2. The forms should reach the University at least 15 days before the commencement of respective University Examinations.
3. A separate list (Three copies, Degree wise) showing candidates who have not earned the required attendance and are not eligible for condonation should also be sent at least 15 days before the commencement of Examination.

**ANNEXURE-III**

**DECLARATION**

I ..... Son of / Daughter of  
.....

Residing at .....

and admitted to in I year of.....

(Name of the College) do hereby solemnly affirm and sincerely state as follows.

I declare that I shall abide by the Rules and Regulations  
..... (Course) including prescribed by the Vinayaka Missions  
University, Salem for the regulations for re-admission after the break of study.

Date:

Signature of the Candidate

/Counter signed/

Dean/Principal/Director

(Office date seal)

## ANNEXURE-IV

### M.E. / M.Tech. DEGREE PROGRAMMES OFFERED AND IT'S MINIMUMU PRESCRIBED TOTAL CREDITS FOR AWARDING THE DEGREE

Sl. No	Name of the Degree	Name of the Branch	Minimum Total Credits Required
1.	M.E.	Structural Engineering	80
2.	M.E.	Irrigation, Water Management and Resource Engineering	80
3.	M.E.	Environmental Engineering	80
4.	M.E.	Construction Engineering and Management	80
5.	M.E.	Manufacturing Engineering	68
6.	M.E.	Computer Aided Design	73
7.	M.E.	Thermal Engineering	73
8.	M.E.	Power Systems Engineering	71
9.	M.E.	Power Electronics and Drives	73
10.	M.E.	Solid Waste Management	80
11.	M.E.	Embedded System Technology	72
12.	M.E.	Computer Science and Engineering	69
13.	M.E.	Biomedical Engineering	74
14.	M.E.	VLSI Design	71
15.	M.E.	Applied Electronics	72
16.	M.E.	Disaster Mitigation and Management	80
17.	M.Tech.	M. Tech. Information technology (Only Full Time. Part Time Course is not available.)	69
18.	M.Tech.	M.Tech. Bio-Technology	75