



The National Institute of Engineering

Mysuru – 570 008

Office of Dean (Academic Affairs)

No: NIE/Dean (AA)-102/2024-25/Even/10

Date: 14.03.2025

CIRCULAR

**Sub.: Important Academic Regulations for the students of
M. Tech. admitted during the AY 2024-25.**

Ref: VTU Circular No. VTU/BOS/A12/2024-25/4940 Dated: 20/12/2024.

The students of M. Tech. admitted during the AY 2024-25 have to strictly adhere to the following Important Academic Regulations:

Course Load:

Every student is to register for a set of courses each semester, with the total number of their credits being limited by considering the permissible weekly Contact Hours (typically: 35-45 hours/ Week); For this, an **average Course Load of 16 to 28 credits/ Semester** (e.g., 6-7 Courses) generally acceptable; to also include 2 or 3 Units of Non-Credit Mandatory Courses in some Semesters.

Grades and Grade Points:

The grading system with the letter grades and the assigned range of marks under the absolute grading system are as given below:

Letter Grade and corresponding Grade Points on a typical 10 – Point scale							
Letter Grade	O	A+	A	B+	B	C	F
	Outstanding	Excellent	Very Good	Good	Average	Pass	Fail
Grade Point	10	9	8	7	6	5	0
% of Marks secured	90-100	80-89	70-79	60-69	55-59	50-54	0-49

The minimum mark to score for CIE is 50% of the maximum marks of CIE, and the minimum passing mark for SEE is 40% of the maximum marks of SEE. In aggregate, the students have to secure 50% total marks of the course (CIE+SEE marks).

Continuous Internal Evaluation:

As per circular from the Office of Dean (AA) No: NIE/Dean (AA)-102/2024-25/Odd/19 dated:21.01.2025. (circular attached)



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Attendance Requirement:

Courses of each semester shall be treated as a separate unit for calculation of the attendance.

The candidate has to put in a minimum attendance of 85-90 % in each course with a provision to condone 15-10 % of the attendance by the Principal on the specific recommendation of the respective HoD, based on medical grounds, participation in NSS/NCC/Red Cross /Republic Day and Independence Day parades/University/ State/ National/ International level sports and cultural activities, seminars, workshops, paper presentation etc., of significant value. The necessary documents in support are to be submitted along with recommendations to condone the shortage.

In case of late admission, approved by competent authority (KEA/DTE/VTU), to I semester of the program, the attendance shall be reckoned from the date of admission to the program.

A candidate who does not meet the attendance requirement (in one or more courses) as specified in the **Attendance Requirement clause** shall not be eligible to appear for the SEE of that course/s.

However, they may be allowed to take admission to the next higher semester, subject to the clause of **Promotion**. The candidate shall be permitted to register for the courses with an attendance shortage when they are next offered. Provided that the total number of credits registered for both regular and backlog subjects shall not exceed 28 credits.

Promotion and Eligibility (Vertical Progression):

Promotion from an odd semester to the subsequent even semester shall not be restricted, even if the candidate has a shortage of attendance in one or more courses. However, candidates with attendance shortages will not be allowed to appear for the Semester End Examination (SEE) in those courses.

a) **Students with “F” grades in courses totalling more than 16 credits across the 1st and 2nd semesters of the first year shall not be allowed to progress to the 3rd semester (2nd year) of the program.**

b) These **16 credits include courses with a shortage of attendance**. The candidate must re-register for these courses when they are next offered, fulfil the attendance requirements, and achieve at least 50% of the maximum marks in the Continuous Internal Evaluation (CIE) to qualify for the Semester End Examination (SEE).

c) The total registered credits in any semester must not exceed 28, including the regular courses of the current semester and backlog courses that require fulfilling attendance and Continuous Internal Evaluation (CIE) requirements.

d) Each credit course shall be treated as a head of passing.



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The Mandatory non-credit courses (NCCM), if any, shall not be considered for the Eligibility criterion prescribed for promotion, award of Class, calculation of SGPA and CGPA. However, a pass in the above courses is mandatory before the completion of the Degree.

Passing ONLINE courses is mandatory for the award of a degree. ON-LINE courses are not considered under vertical progression; however, the student has to pass these courses before the completion of the maximum duration of the program. If a student fails a selected ON-LINE course in a semester, then he/she can pass the course in the next semester by taking the same course (if offered online) or other university-approved available courses during that session. The title of the course/s in which he/she qualify shall be mentioned in the grade card with letter PP.

Note: The Academic Regulation may be modified in future based on guidelines/ directions issued by MHRD/ UGC/ AICTE/ VTU/ Institute Academic Council.


Dr. C. Vidyaraj
Dean (AA)

Copy to:

1. The Principal, Vice Principal – for information
2. COE/ SDSC/ Head- IQAC/ Dy. Dean (AA)/ Chairman Time Table Committee
3. HoD's of CIV. / MEC. / EEE. / ECE. / CSE./ ISE.
4. NIE North Campus
5. NIE website



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Date: 21.01.2025

CIRCULAR

Evaluation pattern for M. Tech. & M.C.A. (2024 Scheme)

Effective from the Academic Year: 2024-25

2024 admitted batch onwards

Sl. No.	L: T: P (Lecture: Tutorial: Practical)	Events	Evaluation Pattern	Total CIE Marks	Minimum CIE to be eligible for SEE	Minimum SEE / SET	CIE + SEE / SET
1.	3 : 0 : 0 4 : 0 : 0 PCC: Professional core BSC-Basic Science Courses	Event 1 Tests	Test 1 25 Marks	(25 + 25 reduced to 30)	50 %	40 %	50 %
		Event 2 Experiential Learning	Test 2 25 Marks	30			
Total CIE Marks				50			
2.	2 : 0 : 2 3 : 0 : 2 IPCC- Integrated Professional Core Courses	Event 1 Tests	Test 1 25 Marks	(25 + 25 reduced to 30)	50 %	40 %	50 %
		Event 2 Lab Continuous Assessment	Test 2 25 Marks	30			
Total CIE Marks				50			
3.	2 : 2 : 0 3 : 2 : 0 PCC: Professional core BSC-Basic Science Courses	Event 1 Tests	Test 1 25 Marks	(25 + 25 reduced to 30)	50 %	40 %	50 %
		Event 2 SDA	Test 2 25 Marks	30			
Total CIE Marks				50			
4.	1 : 0 : 2 0 : 0 : 2 0 : 0 : 4 0 : 2 : 2 PCCL- Professional Core Course lab	Event 1 Lab - Continuous Evaluation	Lab - Continuous Evaluation 30 Marks	30	50 %	40 %	50 %
		Event 2 Evaluation test based on performance in the Lab.	Skill development activities* 20 Marks	20			
Total CIE Marks				50			

Note: The evaluation pattern for Project, Internship, Seminar etc. will be circulated later.




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Following to be noted:

1. Instead of Lecture: Practical: Tutorial/SDA format (L: P : T/SDA) of as per VTU 2024 M. Tech. & M.C.A. scheme, it is suggested to follow Lecture: Tutorial/SDA: Practical (L: T/SDA : P) in NIE M. Tech. & M.C.A. scheme of teaching & examination 2024.
2. * Skill development activities (SDA):
Under Skill development activities in a concerning course, the students should -
 - Interact with industry (small, medium, and large).
 - Involve in research/testing/projects to understand their problems and help creative and innovative methods to solve the problem.
 - Involve in case studies and field visits/ fieldwork.
 - Accustom to the use of standards/codes etc., to narrow the gap between academia and industry.
 - Handle advanced instruments to enhance technical talent.
 - Gain confidence in the modelling of systems and algorithms for transient and steady-state operations, thermal study, etc.
3. ** Lab Continuous Assessment (Not limited to):
 - Viva
 - Virtual Laboratory
 - Project involving laboratory experiment
 - Any other relevant assessment as decided by the course instructor
4. List of Activities for Experiential Learning (Not limited to):
 - Seminars on Extended Topics
 - Mini Projects
 - Relevant self-paced online learning courses
 - Technical Games/ Activities
 - Surveys
 - Industrial/ Field visits
 - Individual/ Group Assignments (No Common Assignment to be given)
 - Simulation Studies
 - Case studies, etc.
5. Research Methodology and IPR (Online):
 - To be compulsorily studied by all students as online course
 - To be registered only at - online.vtu.ac.in
 - NCMC- None Credit Mandatory Course
 - Result – PP / NP (Pass/ Not Pass)


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Dean (AA)

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