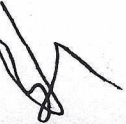
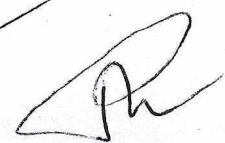


Ordinances Governing Two Year M.Tech. Program (A.I.C.T.E. Approved)



on 1924: has a   Vol 
 by   S. Luyin and
and 1,   

The Ordinances for the two-year M.Tech. Degree program in various departments of FET shall govern the admission, examination and other matters related to this programme for the students admitted in the academic session 2025-26 and onwards.

1. DURATION OF THE PROGRAMME

Total duration of the programme will be two years, each year comprising of two semesters. The maximum time limit to complete the programme will be four years.

2. ADMISSION

2.1 The admission to the first Year of the M.Tech. programme shall be done through an entrance examination or on merit based on GATE/ CUET PG examination/ marks obtained in the qualifying examination as decided by the University from time to time.

2.2 The eligibility criteria for admission is that the candidate should have passed B.E./ B.Tech. or equivalent degree or M.Sc. degree in relevant fields or MCA degree with a minimum 50% marks for Gen/OBC and 45% marks for SC/ST from a recognized University/Institute.

The decision of the University regarding branch equivalence and eligibility shall be final and binding.

2.3 The minimum standards of physical fitness, age and other requirements shall be as prescribed by the University from time to time.

2.4 Industry sponsored candidates:

Candidates seeking admission in the M. Tech program should have qualifying degree along with minimum three year full time work experience in a registered firm/company/Industry/Educational and Research Institutes/any government department or government autonomous organisations, in the relevant field in which admission is being sought. Such candidates will be required to submit a 'No Objection Certificate' from their employers.

3. NUMBER OF SEATS

The number of seats in each of five disciplines i.e. Automation and Control Power Systems, Computer Science and Information Technology, Electronics and Communication Engineering, Thermal Engineering and Electronics and Instrumentation Engineering are 30 as approved by AICTE. Reservation shall be applicable as per prevailing rules, regulations and orders of the Government of Uttar Pradesh.

4. ACADEMIC SESSION

The academic session commences ordinarily in July/August and ends by early May of the following year. It is divided into two semesters: the odd semester (from July to December) and the even Semester (from January to May). Each of the two semesters ordinarily lasts about seventeen weeks, including the examination period and University holidays.

5. REGISTRATION

5.1 After completing Year-I, every student must register in the department at the beginning of the academic year by completing the necessary formalities specified by Faculty of Engineering and Technology.

[Handwritten signatures and initials are present at the bottom of the page, including "S. Ch", "Rishi", "2", "yash", and others.]

5.2 If the student has a year back, candidate can apply for readmission by paying approved tuition fees in the same year after the recommendation/approval of the competent authority.

(i) Candidate can opt to pass all the subjects of the academic year wherein the student has re-registered.

(ii) Candidate can opt to pass the subjects in which candidate has failed. Candidate can also choose other subjects to improve his/her grades.

(iii) In both cases, candidate can retain sessional marks from the previous year. Candidate can attend classes in the subjects candidate has registered for and can also opt for new sessional marks in these subjects.

5.3 In each academic year, a last date shall be fixed and notified at the beginning of the year, after which admission/readmission/promotion/registration shall not be ordinarily made.

5.4 A candidate who has been registered in an academic year as a regular student by attending regular lectures, tutorials, sessional, practical, etc. candidate shall be eligible to appear in the examination on such dates as may be fixed by the University/institute/department after satisfying conditions laid down in these ordinances.

6. STRUCTURE OF THE COURSE

The course will be of 76-82 credits distributed uniformly in four semesters. During each semester students will study the courses consisting of theory papers, labs, seminar, dissertation *etc.* as per the following scheme:

Semester-I	Semester-II	Semester-III	Semester-IV
Theory and lab courses Approximately 20 Credits	Theory and lab courses Approximately 20 Credits	Theory, Seminar and Dissertation-I of Approximately 20 Credits	Dissertation-II Approximately 20 Credits

Table-1

In the third semester, students will study a mandatory course on Research Methodology and Publication Ethics along with another course from concerned department. They will present a seminar on a topic from relevant emerging area of respective department and carry out work leading to Dissertation-I.

The final semester will be fully devoted to dissertation-II to be carried out at MJP Rohilkhand University or any other reputed Research Institute/ Industry/ Academic Institute under the guidance of experienced supervisors (One supervisor from the concerned department and one from the respective place of project/dissertation work). The Head of the department will allow the student to carry out his/her project/dissertation at some reputed Research Institute/ Industry/ Academic Institute in India or abroad on the recommendation of internal supervisor.

[Handwritten signatures and initials at the bottom of the page]

The syllabi of the course of various departments will be proposed by the BoS of the concerned department and approved by Academic Council/Executive Council of the University. The change/modification in the course curriculum will only be done by the BoS and approved by Academic Council/Executive Council.

7. REGULARITY AND ATTENDANCE

7.1 A candidate shall be deemed to have pursued a regular study in a subject during each semester if candidate has attended at least 75% of the classes held in each subject of his/her examination and has produced a certificate of good conduct from the Head of the department/Dean of the faculty. The Head/Dean may condone a shortage of percentage in attendance not exceeding 15% in each subject due to one or more of the following reasons involving absence from the classes.

- (a) Participation in N.C.C./N.S.S. camps duly supported by a certificate from the competent authority of N.C.C./N.S.S.
- (b) Participation in University or Institute Team(s) for Inter-State or inter- university tournament(s) duly supported by a certificate from the competent authority of the University.
- (c) Participation in any co-curricular activities organized by the Institute/ Department duly certified by the competent authority.
- (d) The University delegation for the Youth Festival certified by the concerned head of the Institution.
- (e) Prolonged illness duly certified by the Superintendent/CMO of a government hospital.

7.2 The Academic Council/Vice-Chancellor shall have the power to condone attendance deficiency for cogent/compelling reasons.

8. EXAMINATION

8.1 Each theory subject shall have one End-Semester Examination of duration not less than two hours. For the sessional examination, there shall be two mid-semester examinations (not less than 1 hour each), quizzes, home assignments, mini projects, term papers, etc.

The relative weightage of different elements of evaluation shall be as follows:

Theory Subjects		
I.	Sessional marks	40%
II.	End Semester Examination	60%
	Total	100%

Sessional Marks:

I.	I Mid Semester test	: 15 marks (based on 30-35% syllabus) (1hr duration)
II.	II Mid Semester test	: 15 marks (based on 30-35% syllabus) (1hr duration)
III.	Quiz/ Assignments	: 05 marks
IV.	Attendance	: 05 marks
	Total	: 40 marks

If a student fails to appear in one or both mid-semester tests due to medical reasons, such as hospitalization or any other unavoidable circumstances, the HoD/Dean will give permission for one makeup test of 15 marks in consultation with the subject coordinator. The student should inform the subject coordinator/HoD/Dean prior to the examination to seek relaxation, and then only the above permission may be granted.

- 8.2 Each laboratory subject shall have an end-semester practical examination. The sessional marks will be awarded based on lab performance/demonstration), lab record, viva voce and attendance.

Practical Subjects

I Sessional marks	40%
II End Semester Examination	60%
Total	100%

Sessional marks:

I. Lab performance/Demonstration	: 10 marks
II. Lab Record	: 10 marks
III. Viva	: 10 marks
IV. Attendance	: 10 marks

Total : 40 marks

Marks distribution in End Semester Laboratory Examination:

I. Execution of lab work/ Performance/ Demonstration	: 30 marks
II. Write-up/ Theory work	: 20 marks
III Viva voce	: 10 marks

Total : 60 marks

8.3 Evaluation of Dissertation

The Dissertation Oral Examination can be conducted in online/offline/hybrid mode, whereas student has to defend his/her dissertation physically in the department. The modalities to be adopted for the evaluation of Dissertation of students are as follows:

S.No.	Particulars	Weightage	Remarks
1.	Continuous Semester Assessment	25%	To be awarded by the Supervisor
2.	Internal Evaluation	20%	To be awarded by the Departmental Evaluation Committee
3.	Conference Presentation/ Research Publication	15%	To be awarded by Dissertation Evaluation Board (DEB) based on the proof (Detail of weightage is mentioned in Table- 3)
4.	Dissertation Oral Examination	40%	To be awarded by DEB

Table-2

Head of the department will constitute Dissertation Evaluation Board (DEB) and the Departmental Evaluation Committee for the evaluation of the Dissertation.

The composition of DEB is as follows:
Head of the department or his/her nominee
Concerned Supervisor
One External expert

The departmental evaluation committee will have not less than three Departmental members, if available. Other wise member(s) may be from other department of the FET.

Based on the Conference presentation/ Research publication of the student, the weightage to be awarded to Conference Presentation/ Research Publication category is as follows:

S.No.	Conference Presentation/ Research Publication	Weightage
1.	Paper accepted/ published in SCI Journal/ Scopus indexed journal/ Web of Science (For Each)	100%
2.	Paper accepted/ published in peer-reviewed journal (For Each)	60%
3.	Paper presented in International peer reviewed conference/Book Chapter (For Each)	40%
4.	Paper presented in National peer reviewed conference(For Each)	20%

Table-3

8.4 Back Paper Examination and Re-registration

If a student is unable to clear all the courses of the First Year M.Tech. programme and/or fails to secure the minimum required Year Grade Point Average (YGPA) of 5.00 even after completion of the Second Year, he/she can appear in forth-coming regular end semester examination of that semester by submitting examination fee, subject to the maximum period permitted for completion of the programme as specified in Clause 1.

However, if the student wishes to attend classes and appear in both the Sessional Examination and the End Semester Examination for the concerned course(s), he/she shall be required to re-register for the relevant year and pay the prescribed tuition fee applicable for that year. In any case he/she has to appear in end semester examination.

[Handwritten signatures]

[Handwritten signatures and marks]

8.5 Examination Fee

1. The examination fee shall be as notified from time to time.
2. On receipt of the fee prescribed for the examination, the CoE or his/her nominee shall examine the application of the candidate, which, if found to be in order, shall be registered for the examination. The CoE or his/her nominee shall then issue the candidate an admit card, entitling candidate to take the said examination.
3. A candidate shall not be admitted into the examination room unless he/she produces the admit card to the Officer conducting the examination.
4. A candidate who fails to pass or who is unable to present himself for any examination on any account, shall not be entitled to a refund or adjustment of the fee to the next ensuing examination.

8.6 Paper Setting and Evaluation

1. On the recommendation of the BoS of the department, a panel of examiners will be prepared for all the theory and practical subjects.
2. The work of setting the examination papers and the conduction of end semester practical examination shall be assigned to the experts from the BoS panel duly approved by the competent authority of the University.
3. Normally the ratio of internal and the external paper setters is 50:50.

9. PROMOTION AND DECLARATION OF RESULTS

9.1 The academic performance of a student shall be evaluated based on:

- I. Grades obtained in each subject.
- II. Semester Grade Point Average (SGPA)
- III. Yearly Grade Point Average (YGPA)
- IV. Degree Grade Point Average (DGPA)

9.2 Letter Grades and Grade Points

1. The progress of a student in each semester shall be continuously evaluated. After the semester, the student shall be awarded a Letter Grade (A+, A, B+, B, C+, C, D, F, I) in each subject candidate has studied. The student's grade shall depend on their performance in Sessional marks and the end-semester examination.

2. There shall be nine Letter Grades; the first seven (A+, A, B+, B, C+, C, P) are Pass Grades, while F is the Fail Grade.

In case a student fails to appear in one or more subjects (to the maximum of two subjects in a year) in the End Semester Examination for medical reasons, the candidate shall be awarded a letter symbol 'I', which indicates that his/her result in such subjects is incomplete. In such cases, the student must have to submit a medical certificate from the C.M.O. of Government Hospital.

[Handwritten signatures and initials at the bottom of the page, including "S. Singh", "Anil", and others.]

The symbol 'I' shall be deemed to have the same Grade points as the 'F' Grade. However, the student shall have an opportunity to appear in the subsequent examination to get it converted to a regular Grade.

3. The following table gives the correlation between the Letter Grades, the Grade points assigned to them, the range of percentage of marks to decide them, and a description of their merits.

Grades	Grade Points	Percentage Marks
A+	10	91-100
A	9	81-90
B+	8	71-80
B	7	61-70
C+	6	51-60
C	5	41-50
D	4	35-40
I	2	Subject to point-2 of 9.2
F	2	34 and below

Table-4

9.3 Criteria for passing the programme

9.3.1 Passing a Subject and promotion from odd to even semesters

A student shall be considered to pass the subject if candidate has obtained grades as mentioned in clause 9.2. Separate passing in sessional and end-semester examinations of a subject is not required. However, the student must appear in both sessional and end-semester examinations to pass the subject.

At the end semester examination of each semester, a student shall be awarded a semester Grade Point Average (SGPA) calculated as follows:

$$SGPA = \frac{\sum_{\forall \text{subjects}} \text{Credits} \times \text{GradePoints}}{\sum_{\forall \text{subjects}} \text{Credits}}$$

A student shall be considered to have PASSED the semester if he/she has obtained a Grade as per the section 9.2 in each subject of the Semester.

A Student shall be declared to have FAILED in the semester if he/she fails to fulfil the condition in clause 9.2.

A Student shall be automatically promoted to the even semester irrespective of whether he/she passes or fails the odd semester examination.

9.3.2 Promotion to next year

1. At the end of each Part, each student shall be awarded a Yearly Grade Point Average (YGPA) which shall be calculated as follows:

$$YGPA = \frac{\sum_{\forall \text{Subjects of odd \& Even Semester of the Part}} \text{Credits} \times \text{GradePoints}}{\sum_{\forall \text{Subjects of odd \& Even Semester of the Part}} \text{Credits}}$$

[Handwritten signatures and marks are present at the bottom of the page, including a large signature on the right and several smaller ones on the left and center.]

2. A student shall be considered to have PASSED the year if he/she has passed each semester as per Clause 9.2 and has secured a YGPA equal to or greater than 5.00.
3. A candidate shall be promoted to next year with a carryover of a maximum of two (02) papers Laboratory and theory examinations will be treated as separate papers.
4. The candidate shall be allowed to appear in the examination of the relevant subject along with the regular examination of the Odd/Even Semester of the subsequent year.
5. The Sessional marks that candidate obtained as a regular student in the relevant subject(s) will be retained as such, and no additional sessional examination in any form shall be conducted.
6. A Student cannot be promoted from Year I to Year II, if he/she fails to fulfil clause 2 of 9.3.2 of minimum YGPA condition or has more than two back papers or both. For further academic progress, he/she can take readmission by paying the readmission fee as applicable and can opt for any of the relevant provisions as mentioned in clause 5.2 regarding registration.

9.3.3 Passing the Degree Program

At the end of Year II (academic year) of the programme, a student who has PASSED Year I & Year II, of the M.Tech. programme shall be awarded a Degree Grade Point Average (DGPA), which shall be calculated as follows:

$$DGPA = 1/2(Y1+Y2)$$

Where Y1 and Y2 are the YGPA as of Year I and Year II, respectively.

To convert YGPA/DGPA into an equivalent percentage, it must be multiplied by 10. Because of the equivalent percentage, the empirical formula for converting YGPA/DGPA is

$$X = Y \times 10.$$

Where X is an equivalent percentage and Y is YGPA/DGPA.

A student shall be considered to have passed the M.Tech. Programme if he/she has passed Year I and Year II of the Program and has obtained a DGPA of 5.00 or more.

A student shall be declared to have failed in the M.Tech. Programme if he/she fails to fulfil the above condition in clause 2 of 9.3.2.

The Failed student shall have the option to repeat Year II to fulfil Clause 2 of 9.3.2, provided he/she has not exceeded the maximum period mentioned in Clause 1.

A Student who succeeds in passing all the Year (as per Clause 9.3.1 but ultimately fails to secure the minimum DGPA prescribed for passing (as per clause 9.3.3) shall be eligible to appear in subsequent examination(s) (without exceeding the maximum period as per Clause 1) in not more than three subjects including of Year I and Year II to make up the deficiency.

In all such cases, the new grade(s) obtained by the student shall replace the old grade(s). Only the new grade(s) shall be applicable.

[Handwritten signatures and initials at the bottom of the page, including "S. Singh", "Anil", "Ch", "Ed", and others.]

9.3.4 Classification of Result

Based on the DGPA; the result of each student shall be declared as follows:

DGPA	RESULT
a) 8.50 and above, provided candidate has passed Year I and Year II in a single attempt	Passed in First class with Honours
b) 7.00 and above, but less than 8.5	Passed in First Class
c) 5.00 and above, but less than 7.00	Passed in Second Class
d) Below 5.00	Failed

Table-5

9.4 Grace Marks

A student can take a benefit of, total 03 grace marks to be distributed between maximum of two subjects for passing the examinations in an academic year or promotion to the next year with a maximum of 02 carryovers of previous year only. However, benefit of Grace shall not be available for carry over subjects, if he/she fails to clear them in the next year also, the result shall be declared indicating the Grace & he/she shall not be entitled for honors. However, the facilities of Grace shall be available to only those students who have secured appropriate YGPA for passing that particular part i. e. YGPA 5.0 or more for I & II years and CGPA 5.0 or more. Such students, who avail benefits of Grace Marks, shall be awarded P grade and 2 credits in those subject(s).

9.5 Scrutiny

A student can apply for scrutiny in any two subjects with-in 01 month of result declaration on the application form available at University cash counter by paying prescribed fee.

10. INTERPRETATION OF ORDINANCES

If any question arises regarding the interpretation of these regulations, the same shall be resolved/decided by the relevant council/bodies of the University. The council shall have the power to issue a clarification to remove any doubt that may arise regarding the implementation of these regulations prescribed in the ordinances.

[Handwritten signatures and initials are present at the bottom of the page, including "S. S. S.", "Rush", "Amil", "10", "M", "Se", and others.]