



NAGALAND UNIVERSITY

SCHOOL OF ENGINEERING & TECHNOLOGY

M. TECH RULES AND REGULATIONS 2026-2027

(Approved in the 43rd Academic Council Meeting)



AGENDA NO. AC: 43: 17:6	Introduction of M. Tech Rules & Regulations (Annexure-19) Recommendation of the School Board of Engineering & Technology for introduction of M. Tech. Rules and Regulations Resolution: The members reviewed the M. Tech. Rules and Regulations and recommended to make it applicable from 2025 batch as there are no existing Rules and Regulations for M. Tech. The members recommended to the Academic Council for approval.
Resolution	<i>Approved. However, the pass mark shall be 45%</i>

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SCHOOL OF ENGINEERING AND TECHNOLOGY

RULES AND REGULATIONS FOR MASTER OF TECHNOLOGY

1. General	
1.1.	Short Titles These Regulations may be called the “ Master of Technology (M. Tech) Regulations ” of the School of Engineering and Technology (SET), Nagaland University.
1.2.	Date of Enforcement These Regulations shall come into force with effect from the beginning of the academic session 2026-27 and thereafter.
1.3.	Extent of Application These Regulations shall apply to students seeking admission to M. Tech. Degree in the Department of: ● Agricultural Engineering and Technology ● Biotechnology ● Information Technology and as the case may be and admitted in the SET, Nagaland University. These Rules & Regulations shall apply to new M. Tech programs offered by any Existing/ New Department of SET in the future. These Rules and Regulations may be amended from time to time.
1.4.	Interpretation Subject to such advice as may be given by the Academic Council, the decision of the Vice-Chancellor shall be final and no suit, application, petition, revision or appeal shall lie in a court of law or in any authority outside the University in respect of interpretation of these Regulations.
2. Definitions	
2.1.	Academic Year Each year shall be divided into two semesters—autumn/odd semester (July to December) and spring/Even Semester (January to June). The Autumn Semester shall ordinarily begin in July for students already on rolls, and the Spring Semester shall ordinarily begin in January.
2.2.	Semester The academic year shall have two terms each of which shall be of about 18 weeks duration known as Semester including examinations.

2.3.	Credit Hour(s) Credit(s) shall signify the quantum of work done corresponding to 1 hour of theory and 2 to 3 hours of laboratory, field/farm practical classes every week.
2.5.	Course(s) A course is a unit of instruction or segment of a subject matter under any discipline carrying a specific number of credit hour(s) value on 10.00 point scale.
2.6.	Grade Point (GP) Grade Point shall be calculated as per section 18.1.
3. Academic Calendar	
3.1.	Calendar The academic calendar shall be prepared by the Dean/ Academic Section of the School and it shall specify the schedule of academic activities of each semester/academic year. The academic calendar shall include curricular and extracurricular activities. It shall also include holidays and inter semester break period.
4. Admission	
4.1.	Admission Notice Notice for admission in M. Tech. programme shall be issued by the Dean/ Admission Convener through mass media at least two months ahead of the date fixed for the commencement of the academic year.
4.2.	Admission Committee The Dean shall constitute an Admission Committee with the following members to oversee the overall admission procedure:- 1) Professor/ Assoc. Prof./ Senior Faculty - Convenor 2) One Faculty - Co- Convenor 3) Three faculty (on rotation) - Member The committee shall advertise the admission dates, design the brochure and pamphlets relating to admission, set the dates for counseling and prepare merit list of all applicants. The term of the committee shall be for a period of 1 (one) year only.
4.3.	Admission Procedure Applications for admission to the M. Tech program will be invited through an open advertisement in June / July every year. The eligibility criteria and selection procedure are given below.

4.4. Minimum Qualification for admission to M. Tech. Programme

- a. The minimum qualification for admission to any M. Tech Programme is a BE / B. Tech in the relevant discipline.
- b. All such candidates seeking admission to any M. Tech programme must have secured 60% (or 6.5 CGPA) for General Category and 55% (or 6.0 CGPA) for SC/ ST/ OBC in B.Tech, except those who have qualified for GATE.
- c. Candidates with a valid GATE score will be given admission to any M.Tech programme based on the scores in the GATE examination.
- d. Candidates with M. Sc in Biotechnology or Allied Subject are also eligible for M. Tech in the Department of Biotechnology.
- e. When sufficient numbers of GATE-qualified candidates are not available for admission to an M.Tech program, then candidates without a valid GATE Score will be selected based on their career marking as illustrated below.

Sl. No.	Examination/ Board	Total Weightage	Marks obtained
1.	10th / equivalent Examination:	25	(Percentage of marks secured/100) x 25 OR (CGPA/10) x 25 (on a 10-point grade scale)
2.	10+2 Sc/ equivalent Examinations:	35	(Percentage of marks secured/100) x 35 OR (CGPA/10) x 35 (on a 10-point grade scale)
3.	B.Tech/ Equivalent Examination:	40	(Percentage of marks secured/100) x 40 OR (CGPA/10) x 40 (on a 10-point grade scale)
	Total career marking	100	

- f. Candidates who have appeared in their final B.E./B.Tech. Examinations whose results have not been declared may also be provisionally admitted to the M.Tech. program. However, they shall have to submit the final grade sheet and provisional pass certificate by 30th September of that year, failing which the provisional admission shall be cancelled. In this case, the percentage of marks shall be computed from the marks/grades secured in all semesters, excluding the final B.Tech examination. The candidates who have not submitted the mark sheets/grade sheets of all the semesters except the 8th Semester (final) shall not be considered for admission into the M.Tech program.

4.5.	Maximum number of seats in each discipline The intake may be changed as per Academic Council resolution on the recommendation of the School Board.																											
5. Distribution and Weightage of Marks																												
5.1.	The performance of a student in each semester will be evaluated subject-wise for a maximum of 100 marks for each theory, laboratory course, design/drawing, comprehensive viva voce, seminar, and dissertation. I. Theory Courses <table><tr><th>Assignments, Quiz</th><th>Mid-semester Examination</th><th>End-semester Examination</th><th>Total</th></tr><tr><td>10</td><td>30</td><td>60</td><td>100</td></tr></table> II. Practical Courses <table><tr><th colspan="3">Sessional Assessment</th><th rowspan="2">End-Term Practical Examination</th><th rowspan="2">Total</th></tr><tr><th>Assignments/ tests/charts</th><th>Practical Record</th><th>Viva Voce</th></tr><tr><td>15</td><td>15</td><td>10</td><td>60</td><td>100</td></tr></table> For laboratory subjects, there shall be a continuous evaluation during a semester for day-to-day laboratory work, including record writing. The teacher in charge of the subject has to formulate the modalities of assigning the experiment/drawing, or design problem to the students in the end semester examination. III. Comprehensive Viva-Voce There shall be a Comprehensive Viva-Voce at the end of the 4th semester. The Comprehensive Viva-Voce will be conducted by a committee consisting of the head of the department and three Senior Faculty members of the department covering different specializations. The Comprehensive Viva-Voce is evaluated for 100 marks by the committee. IV. Seminar <table><tr><th>Viva-Voce</th><th>Seminar presentation</th><th>Total</th></tr><tr><td>30</td><td>70</td><td>100</td></tr></table> V. Dissertation There shall be an M.Tech dissertation in the 3rd and 4th semesters, where the student shall investigate or work on a topic in any field of engineering relevant to the course of study. During the dissertation work, students shall do experimental or analytical work, design work, or any other type of dissertation approved by the departmental committee. The committee should adopt a rational approach in assigning a dissertation	Assignments, Quiz	Mid-semester Examination	End-semester Examination	Total	10	30	60	100	Sessional Assessment			End-Term Practical Examination	Total	Assignments/ tests/charts	Practical Record	Viva Voce	15	15	10	60	100	Viva-Voce	Seminar presentation	Total	30	70	100
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supervisor to a student in the 3rd semester with respect to the research interests of the students in different specializations. When a student chooses to do dissertation work in an industry/reputable institution/university, then the internal faculty member should be one of the supervisors for the completion of the Dissertation. Attendance of such students doing a project shall be furnished by the internal supervisor based on their interaction with the student. At the end of the 4th semester, the student shall submit a dissertation report and give a PowerPoint presentation before the departmental committee with an external examiner, outside the university, in the relevant field of engineering.

The award of Marks for the Dissertation

Viva-Voce(#)	Project/ Dissertation Report/ Thesis (#)	Presentation/ Seminar	Implementation/ Experimental Works/ Results	Total
20	20	10	50	100

* awarded by the Supervisor

Awarded by the Committee

6. Attendance Requirements

- 6.1. A student is eligible to write the university examinations in a subject provided he registers to pursue a regular course of study and attends at least 75% of classes in the respective theory, Laboratory Course, Design/Drawing, sessional subjects and Dissertation schedule during the semester.
- 6.2. The student will be given attendance for all the days he attended sports, games, NCC and NSS activities, and other academic/official assignments in the interest of the university with prior written permission from the university, after due recommendation from the head of the department (subject to a maximum of 10% all together).
- 6.3. The condonation of shortage of attendance up to 10% (65% and above and below 75%) in each subject may be granted by the committee consisting of the medical officer of the university, COE, and the Dean as convener for a student who has remained absent in classes for short periods due to death in the family and long periods of his hospitalization. The committee will examine the case based on the documents submitted by the students, facts, and circumstances. Assessment will be done by the committee on the merit of the case and its recommendations, but in any case, condonation cannot exceed 10%. The concerned student, including both boarders and day scholars, should apply for this purpose with supporting documents to the office of the Dean immediately after his absence.
- 6.4. Shortage of attendance below 65% in a subject shall not be condoned. It is the responsibility of every student to keep track or monitor their percentage of attendance for each subject and ensure that he satisfies the attendance norms presented by the university. If the student finds any discrepancy or error in the attendance status, he should immediately bring it to the attention of the concerned faculty members and respective HoD, if required and seek redressal.

6.5.	Students whose attendance is less than 65% in any subject are not eligible to write their end-semester examination.
7. Examination Rules	
7.1.	A semester shall normally consist of 1 Mid-Term Examination and 1 End-Term Examination for Theory courses. There will be only End-Term Examination for Practical courses.
7.2.	Mid Term Examination. The mid-semester examination will be conducted ordinarily after 40-45 days of the commencement of the semester for a duration of 1.5 hours.
7.3.	Repeat Mid-Semester Examination A student remaining absent for the mid-semester examination shall forfeit the marks allotted for the examination. However, a student may be allowed to appear for a repeat mid-semester examination to be conducted as per the academic calendar under the following cases. a. Death in the family (to be supported by necessary documents). b. Illness leading to hospitalisation (to be supported by the Discharge Certificate from the Hospital) c. Participation in cultural/sports/other official/academic assignments in the interest of the university (to be supported by relevant documents and duly permitted by the dean of the School). d. Appearing in the interview/written test for a job/higher study (to be supported by suitable evidence and certified by the dean).
7.4.	End Term Examination. a) The theory paper of end term examination shall be centrally conducted by the office of the Dean. The practical examination(s) shall be completed by the course teacher/instructor at least one week prior to commencement of theory examination(s). Heads/ In-charges of the Department shall monitor the completion of the courses of their discipline offered in a semester. b) The dates and time table shall be notified by the Dean of the School at least 15 days ahead of the examination. The Head of the Department shall notify the dates of practical examination(s) to ensure their completion one week before commencement of theory examination.
7.5.	If a student obtains 'F' Grade in any course, a. A student may be allowed to appear in the End-Term (Supplementary) Examination in any subsequent semester. This examination will be conducted only for the End-Term component (i.e. 60 marks) for both Theory/ Practical courses in cases where section 12.5.b. is not applicable. b. Re-assessment: She/ He may be allowed go for re-assessment as and when the course (Theory/ Practical) is offered by the Department in the next Academic session only. A student shall normally be allowed to re-assess the course and attendance shall be

	exempted for that course provided for a re-assessment course, the student shall appear in all the Examinations listed in section 12.1. and perform all assignments/ exercises given by the Course Instructor.																								
c. The examination fee shall be as notified by the Controller of Examination.																									
8. Minimum Academic Requirements																									
8.1.	To pass in a course, a student must secure 45% marks out of the total Marks and appear in all the examinations (both Mid-Term and End-Term). The pass mark shall be calculated on the total marks obtained in Sessional assessment, Mid-Term, End-Term Theory/ Practical Examinations.																								
8.2.	Promotion Rules a. To get promotion to the next year (odd semester), a student must not have a total of more than 4 (four) back papers in the previous semesters. b. There shall be no restriction on the total number of back papers for registration to even semesters.																								
8.3.	The overall performance of a successful candidate for the award of a degree shall be based on the combined results of all the examinations of the concerned program.																								
9. Grading System																									
9.1.	Based on the performance of a student, each student is awarded a final letter grade in each subject at the end of the semester. The letter grade and the corresponding grade points are as follows: <table><tr><td>Grade</td><td>Marks Range</td><td>Grade points</td></tr><tr><td>O</td><td>91-100</td><td>10</td></tr><tr><td>A</td><td>81-90</td><td>9</td></tr><tr><td>B</td><td>71-80</td><td>8</td></tr><tr><td>C</td><td>61-70</td><td>7</td></tr><tr><td>D</td><td>51-60</td><td>6</td></tr><tr><td>E</td><td>45-50</td><td>5</td></tr><tr><td>F</td><td>Below 45</td><td>0</td></tr></table> A letter grade 'F' in any subject implies a failure in that subject.	Grade	Marks Range	Grade points	O	91-100	10	A	81-90	9	B	71-80	8	C	61-70	7	D	51-60	6	E	45-50	5	F	Below 45	0
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E	45-50	5																							
F	Below 45	0																							
9.2.	Semester Grade Point Average (SGPA) shall be computed for each semester. The SGPA shall be calculated as follows: $SGPA = \frac{\sum C_i \times G_i}{\sum C_i}$ Where C_i is the credit assigned to a particular course and G_i is the Grade Point awarded to a student in a particular course. The Grade Point is calculated as in section 18.1.																								

	#The SGPA shall be rounded up to 2 decimal points.												
9.3.	A Cumulative Grade Point Average (CGPA) shall be computed at the end of each semester and communicated to the students along with the SGPA and the grades for that semester. The CGPA gives the cumulative performance of the student from the first semester up to the end of the semester to which it refers, and shall be calculated as follows: $CGPA = \frac{\sum SGPA_i \times TC_i}{\sum TC_i}$ Where $SGPA_i$ is the SGPA obtained in a semester and TC_i is the total credits in a semester. Whenever a student repeats a course in any semester, the latest grade (s) obtained by him/ her in the course is to be considered in the computation of SGPA and CGPA from that semester onwards. #The CGPA shall be rounded up to 1 decimal point.												
9.4.	Correction of grade points If any discrepancy in the grade sheet/result is detected, it shall be rectified and necessary correction shall be done by the University.												
9.5.	Semester Gradesheet Semester Gradesheet shall be issued by the office of the Controller of Examinations on passing all the courses in a semester. However, a provisional Semester Grade Sheet may be provided by the DEAN for those students who fails to pass all courses in a semester.												
9.6.	The Final Performance of a student on completion of the M. Tech Course shall depend on the CGPA. The performance of the Student shall be determined as shown below:- <table border="1"> <thead> <tr> <th>CGPA</th><th>CLASS</th></tr> </thead> <tbody> <tr> <td>8.0 and above</td><td>First Class with Distinction</td></tr> <tr> <td>6.5 to 7.9</td><td>First Class</td></tr> <tr> <td>5.5 to 6.4</td><td>Second Class</td></tr> <tr> <td>5.0 to 5.4</td><td>Pass</td></tr> <tr> <td>Below 5.0</td><td>Failed</td></tr> </tbody> </table>	CGPA	CLASS	8.0 and above	First Class with Distinction	6.5 to 7.9	First Class	5.5 to 6.4	Second Class	5.0 to 5.4	Pass	Below 5.0	Failed
CGPA	CLASS												
8.0 and above	First Class with Distinction												
6.5 to 7.9	First Class												
5.5 to 6.4	Second Class												
5.0 to 5.4	Pass												
Below 5.0	Failed												
10. Duration of the M. Tech Programme													
10.1.	Normally a student should complete all the requirements for Post-Graduate programme in four semesters (2 years). However, academically weaker students who do not fulfill some of the requirements in their first attempt and have to repeat them in subsequent semesters and may be permitted up to 8 consecutive semesters (4 years from the first semester registration) to complete all the requirements of the degree.												

11. Eligibility for the award of M. Tech	
11.1.	A student must complete the minimum total credit required for the award of M. Tech Degree in the respective Discipline/ Department.
11.2.	A student shall be declared to be eligible for the award of M. Tech if She/He has - Completed all the credit requirements for the degree with grade 'E' or Higher grade in each of the subjects. - Obtained a CGPA of 5.00 or more at the end of the semester in which She/ He completes all the requirements for the degree. - No dues to the School, department, hostels etc. - No disciplinary action is pending against her/ him.
11.3.	Each Department shall award GOLD medal to the Topper of the batch on completion of the Fourth Semester based on the following criteria:- - The student should have obtained CGPA of not less than 8.0 at the end of the 4th semester. - The student should have cleared all the papers in the first attempt during the entire duration of the course. - The student has not been placed under Academic/ conduct probation during the course of Her/ His studies.
11.4.	The award of M. Tech degree must be recommended by the CoE and approved by the Academic Council of the University.