ORDINANCES AND REGULATIONS
(Revised up to 21st Meetings of the Senate)

for

M.Tech

(Applicable for 2017 admission onward)

National Institute of Technology
Arunachal Pradesh
Yupia – 791112

M. TECH. ORDINANCES, RULES AND REGULATIONS

ORDINANCES

1	All M. Tech. programmes offered by the Institute shall be governed by the M.Tech. Rules and Regulations.
2	The M. Tech. rules and regulations shall be applicable to any new discipline(s) under these programmes that may be introduced in future.
3	A student becomes eligible for the award of the M.Tech. degree after fulfilling all the academic requirements as prescribed by the M.Tech. Rules and Regulations.
4	The Institute shall have the following M.Tech. programmes:

Department	Descipline
Computer Science & Engineering	(a) Computer Science & Engineering
	(b) Mobile Communication and Computing
Electrical Engineering	Renewable Energy & Energy Management
Electronics & Communication Engineering	(a) VLSI & Embedded Systems
	(b) Electronics Design & Manufacturing
Mechanical Engineering	Mechanical System Design & Innovation Technology
Management & Humanities	Appropriate Technology & Entrepreneurship

M.Tech.
Rules & Regulations

CATEGORIES OF MTECH STUDENTS	
The Institute admits MTech students under the following categories:	
1.1	REGULAR
	A student in this category works full-time for his/her M Tech degree. He/she receives assistantship from the Institute or any other recognized funding agency.
1.2	SPONSORED
	A student in this category is sponsored by a recognized R&D organization, academic institution, government organization or industry for doing M Tech in the Institute on a full-time basis. The Institute does not provide any assistantship to such a student.
1.3	PROJECT-STAFF
	This category refers to a student who is working on a sponsored project in the Institute and is admitted them to M Tech Programme to work on a full-time or part-time basis. The remaining duration of the project at the time of admission should be at least one year. If the project gets completed before the student

	completes his/her M Tech Programme, his/her category will be converted to PART-TIME Category.
1.4	PART-TIME
	A student in this category is a professionally employed person (including the staff of NIT Arunachal Pradesh), who pursues the M Tech Programme while continuing the duties of his/her service. The Institute does not provide any assistantship to such a student.

	VISITING MTECH STUDENTS
2	Other than students mentioned under clause 1 above, a student of another university/institute in India or abroad may register for a few semesters as VISITING M Tech students. The Institute does not award any degree to such students.

	CHANGE OF CATEGORY
3	The change in category of student is not permitted in M Tech programme. However, In exceptional circumstances, the Chairperson, Senate may permit to change from one category to another (except to regular category). But Non regular category to regular is not permissible.

	ACADEMIC CALENDAR
4.1	Each academic session is divided into two semesters of approximately eighteen weeks duration (with at-least seventy working days for classes in each semester): an odd semester (July -- December) and an even semester (January -- June).
4.2	The Senate approves schedule of academic activities for a session, inclusive of dates for registration, mid-semester and end-semester examinations, inter-semester breaks etc, shall be laid down in the Academic Calendar for the session

	ADMISSION
5.1	ADMISSION PROCEDURE
	The details of the eligibility criteria for admission to various M Tech programmes are given in Appendix-A. These criteria are revised by the Senate from time to time.
5.2	ADMISSION PROCEDURE
5.2.1	Admission to the M Tech Programme of the Institute normally takes place in July every year. Advertisements are issued in February/March.
5.2.2	Admission to all categories of students is granted on the basis of GATE Score/counselling/interview/admission test held usually during the month of May - July every year.
5.2.3	The following documents are to be furnished along with the application by candidates falling under Sponsored, Project Staff, and Part-time categories: **Form I**: Sponsorship letter for Sponsored category. **Form II**: No objection certificate from Dean (R&D), NIT Arunachal Pradesh, for Project Staff category

	Form III: No objection certificate from the employer for Part-time category.
	RESIDENCE
6.1	The institute is wholly residential and all students shall be required to reside in, and be members of a hostel to which they are assigned. However, students in Sponsored, Project Staff, and Part-time categories are exempted from residing in hostel.
6.2	Under special circumstances, the Director may permit a student to reside with his/her
	Parent/Guardian in the Institute Campus or within a reasonable distance from the Institute. However, this permission may be withdrawn at the discretion of the Institute, at any time considered appropriate by it, without assigning any reason.
6.3	All students must abide by the rules and regulations of the hostel as may be framed from time to time by the Hostel Management Committee (HMC) and approved by the Senate..
6.4	Students not residing in hostels shall be attached to a hostel for extracurricular activities.

	ATTENDANCE
7.1	All students in Regular and Sponsored categories shall be required to sign in attendance register in the department every working day.
7.2	For registered courses:
7.2.1	Students are required to attend all the classes (Lectures, Practical etc);
7.2.2	A student will be debarred from appearing in an end-semester examination if his/her attendance in the courses falls below 75 percent and will be awarded an "F" grade in that course.

	ASSISTANTSHIP
8.1	Institute assistantships will be available to eligible students as per prevailing norms.
8.2	Assistantships from external funding organizations will be available as per terms and conditions of the concerned funding organizations.
8.3	Students receiving assistantships from the Institute or fellowships from any other funding agencies are required to perform academic duties as per prevailing norms in force from time to time.
8.4	The continuation of the assistantship/fellowship is subject to satisfactory performance of the assigned duties and satisfactory progress of the student in the M Tech Programme.

	LEAVE RULES
9.1	Ordinary Leave
	A student is eligible for 30 days leave in a year. Saturdays, Sundays or holidays

	during the leave period are counted towards leave, except for prefixed or suffixed holidays.
	Of the 30 days leave, a maximum of 15 days of leave is permitted in a semester. A maximum of 5 days of such leave is allowed to avail at a stretch if student having any teaching assignment.
	The maximum number of carried-over leave, from one completed year to another, is 15 days. However, a student can avail accumulated leave up to a maximum of 30 days at a time in a year.
	Head of the Department (HoD) sanctions leave on recommendation of the Supervisor/Faculty Advisor/DPPC Secretary.
9.2	Academic leave
	Academic leave is permitted on the following grounds.
9.2.1	To attend conferences/seminars/workshops/trainings/short-term courses. A maximum of 10 days of leave is permissible in a calendar year.
	A maximum of 20 days of leave in a calendar year is permissible for field trips such as data collection, survey work, etc.
	The Head of the Department sanctions academic leave on recommendation of the Thesis Supervisor/Faculty Advisor/DPPC Secretary.
	Academic leave exceeding 20 days but up to a maximum of 30 days in a calendar year is approved by the Chairman, IPPC on recommendation of the Thesis Supervisor/Faculty Advisor/DPPC Secretary and the HoD.
9.2.2	Academic leave for more than 30 days is not allowed during the semester in which a student is registered for course work.
9.2.3	Academic leave of more than 60 days but up to a maximum of 12 months is also permissible to carry out part of the research/project work in another institute/R&D Lab/industry/scheme in India or abroad. For sanction of such a leave, a letter of consent from the host organization is required.
	On recommendations of the Supervisor, the DPPC secretary, HoD, and Chairman, IPPC, the Chairman, Senate approves such an academic leave. Such cases are also to be reported to the Senate.
	A student granted academic leave for one or more semesters, pays prescribed fees in every semester.
	If a registration date falls during the period of academic leave, a student completes the registration procedures at the expiry of his/her academic leave.

CONDUCT AND DISCIPLINE	
10.1	Students shall conduct themselves within and outside the precincts of the Institute in a manner befitting the students of an institution of national importance. The Institute has a separate ordinance **Code and Conduct of Students** which is applicable to all students of the Institute.
10.2	In addition, unauthorized absence for more than one month leads to disciplinary action, in the form of reduction of assistantship or even termination of studentship.

	COURSE STRUCTURE
11.1	Teaching of the courses shall be reckoned in credits; Credits are assigned to the courses based on the following general pattern: • 1 credits for each lecture period, • 1 credits for each tutorial period, and • 0.5 credit per hour for each Laboratory or Practical or Project/Thesis session. However, three Laboratory session will be counted as 1.5 credits; the same format will follow for any hour of laboratory classes.
11.2	In order to qualify for a M.Tech degree of the institute, a student is required to complete the credit requirement as prescribed in the curriculum for a particular programme. The credit requirements for a programme will be minimum 64 credits. Out of 64 credits, at least 32 credits shall be through course work and 22 credits through research.
11.3	A semester load for a full time M. Tech student per semester is at least 16 credits. A part time student should have semester load 9 credits per semester.
11.4	Every M. Tech. Programme will have a curriculum and syllabi for the courses approved by the Senate. DPPC will discuss and recommend the syllabi of all the post graduate courses offered by the department from time to time before sending the same to the Institute Postgraduate Programme Committee (IPPC). The IPPC will consider the proposals from the departments and make recommendations to the Senate for consideration and approval. For all approved courses, the copyright will be with NIT Arunachal Pradesh. The composition, tenure and functions of DPPC and IPPC, are indicated at Appendix-B.
11.5	Medium of instruction, examination and project/thesis reports will be in English.
11.6	**Faculty Advisor**: To help the students in planning their courses of study and getting general advice on the academic programme, the concerned department will assign a Faculty Advisor each student. Otherwise, Secretary, DPPC will act as faculty advisor till the Thesis supervisor is appointed.
11.7	Thesis supervisor: Master's Project/Thesis supervisor (s) for a student will be appointed from amongst the faculty members of the NIT Arunachal Pradesh.
11.7.1	Departments will evolve modalities for appointing of supervisors keeping in view of the students' aspirations and faculty interest. The DPPC will co-ordinate this activity.
11.7.2	No student will have more than two supervisors.
11.7.3	No student once registered for thesis/project units will be allowed to continue the programme without a Thesis Supervisor having been appointed by the DPPC.
11.7.4	No change in thesis supervisor(s) will be allowed without the consent of the DPPC.
11.7.5	No change/addition of Supervisor (s) is/are allowed after the thesis has been

	submitted to the academic section.
11.7.6	In case there has been change/addition in the Supervisor(s) the thesis will be submitted not earlier than three months from the date of such change/addition.
11.7.7	With prior approval of the Chairman, Senate on the recommendation of the Chairman DPPC and Chairman IPPC, a student may be allowed to have a co-supervisor from outside the institute, in exceptional cases.

	REGISTRATION
12.1	Every student is required to register for approved courses through the assigned Faculty Advisor/Thesis Supervisor/Secretary DPPC at the commencement of each semester on the day fixed for such registration and notified in the Academic Calendar. The Dean Academic Affairs may cancel the registration of one or more courses if they are found to violate some rules or if there are restrictions imposed due to disciplinary reasons.
12.2	Only those students will be permitted to register who have :
12.2.1	cleared all Institute, Hostel and Library dues and fines (if any) of the previous semesters,
12.2.2	paid all required advance payments of Institute and Hostel dues for the current semester, and
12.2.3	not been debarred from registering on any specific ground.
12.3	A student who obtains a CGPA lower than 5.00 with grade 'P' in some subjects or grade 'F' in some subjects may be permitted by the Dean of Academic Affairs on the recommendations of the DPPC to repeat one or more 'P' graded subjects along with the failed subjects, provided, the subject(s) is /are being offered therein and obtain a Cumulative Grade Point Average (CGPA) of not lower than 4.00 (considering all courses including those in which the student has secured F grade) for all existing students (w.e.f July-Dec 2019 session), Students must pass all first year courses before registering for third year courses.(It will be applicable for all students)
12.4	When a student re-registers for a subject, in accordance with clause 12.3 and clause above, his/her new grade will be used for SGPA calculation, whereas for CGPA calculation, the better of the two grades (the old and the new) of that subject will be considered. While registering for 3rd semester a student may register for backlog papers of 1st semester respectively and while registering for 4th semester, he/she may register for backlog papers of 2nd semester respectively. A student need not attend classes in papers registered as "backlog papers". He has to sit for both mid-semester and end-semester examinations and the grade will be awarded based on the scores of the latest examinations. However, marks obtained in Two quiz and Assignments shall be carried over and marks obtained in Viva-voce and Report Evaluation will be carried forward.
12.5	Students may add and drop subject(s) with the concurrence of the Thesis Supervisor/Faculty Advisor/Secretary DPPC, and under intimation to the concerned course instructors and the academic section provided this is done within the date mentioned in the Academic Calendar and as per the conditions

	given in clause 11.3.

	DURATION OF THE PROGRAMME
13.1	The duration of the M Tech programme is as follows:
13.2	The minimum duration of the M Tech Programme (excluding dropped semester(s)) is four semesters from the date of admission.
13.3	The maximum duration of the M Tech programme is 4 years from the date of admission.

	TEMPORARY WITHDRAWAL FROM THE INSTITUTE
14.1	A student who has been admitted to a M Tech programme of the Institute may be
	permitted to withdraw temporarily from the Institute on the grounds of prolonged illness or grave calamity in the family for a period of one semester or more, provided:
14.1.1	he/she applies to the Institute within at least 4 weeks of the commencement of the semester or from the date he last attended his/her classes whichever is later, stating fully the reasons for such withdrawal together with supporting documents and endorsement of his/her guardian;
14.1.2	the Institute is satisfied that, counting the period of withdrawal, the student is likely to complete his/her requirements of the M. Tech. Degree within the time limits specified in Clause 13.2 above;
14.1.3	there are no outstanding dues or demands in the Institute/ Hostel /Department/ Library.
14.2	A student who has been granted temporary withdrawal from the Institute under the provisions of Clause 14.1 will be required to pay fees/charges (except tuition fees and hostel dues) till such time as his/her name is on the Roll List. However, fees once paid will not be refunded.
14.3	A student will be permitted only one such temporary withdrawal during his/her tenure as a student of the M Tech programme.

	TERMINATION FROM THE PROGRAMME
15.1	A student is required to leave the Institute on the following grounds:
15.1.1	If a student fails to secure a CGPA of 5.0 at the end of any semester. However, a student securing a CGPA below 5.0 may be allowed to continue in the following semester on the recommendation of DPPC and with the approval of IPPC. Subsequently the student will be issued a warning. Students who secure a CGPA below 5.0 in two consecutive semesters will not be allowed to continue in the undergraduate programme.
15.1.2	If a student is absent for more than 4 (four) weeks in a semester without sanctioned leave his/her name will be struck off the rolls.
15.1.3	A student may also be required to leave the Institute on disciplinary grounds.

15.1.4	On having been found to have produced false documents or having made false declarations at the time of seeking admission.
15.1.5	On having been found to be pursuing regular studies and/or correspondence courses (leading to degree or diploma) in any other college, university or an educational institution.

GRADING SYSTEM

16.1	Based on the performance of a student, each student is awarded a final letter grade in each subject at the end of the semester. Relative grading is followed. The letter grades and the corresponding grade points are as follows :

For on-roll students:

Description of Grade	Letter Grade	Grade point per credit	Range of Marks
Excellent	Ex	10	90-100
Very Good	A	9	80-89
Good	B+	8	70-79
Fair	B	7	60-69
Average	C	6	50-59
Poor	D	5	40-49
Fail	F	0	<40

For academic year 2019-20 onwards:

Letter Grade	Grade point per credit
AA	10
AB	9
BB	8
BC	7
CC	6
CD	5
DD	4
F	0

A. **Session 2018-19 onwards:**
   Percentage of Marks = CGPA x 9.5%
B. **Upto 2017-18 session:**
   Percentage of Marks = CGPA x 10-5

16.2	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 grades and the corresponding grade points are as follows :
16.3	A student is considered to have completed a subject successfully and earned the credits if he secures a letter grade other than I, X or F in that subject. A letter grade F in any subject implies a failure in that subject.
16.4	**Transitional Grades I and X**
16.4.1	The teacher of a subject may award the grade 'I' to a student if the latter was compelled to absent himself from the end semester examination on account of: I. Illness or accident which disabled him from appearing at the examination. II. A calamity in the family at the time of the examination, which, in the opinion of the Institute, required the student to be away from the campus. A student will be eligible for the award of grade 'I' only if his/her attendance at classes and performance in other components of assessment are complete and satisfactory.
16.4.2	The teacher of a subject may award the grade 'X' to a student if the overall performance of the student in the course is good, but is likely to get grade 'F' based on his/her end semester examination.
16.4.3	All 'I' and 'X' grades awarded by teachers must be converted by them to appropriate letter grades and communicated to the Academic Section (through HoD) within two days of the respective make up examination. Any outstanding 'I' and 'X' grades two days after the last scheduled make up examination will be automatically converted to an 'F' grade.
16.5	A Semester Grade Point Average (SGPA) will be computed for each semester rounded upto two decimal places. The SGPA will be calculated as follows: $\text{SGPA} = (C1*G1 + C2*G2 + C3*G3 + \ldots + Cn*Gn) / (C1 + C2 + C3 + \ldots + Cn)$ where, n is the number of courses registered during the semester, C_i is the number of credits allotted to a particular course, and G_i is the grade points corresponding to the grade awarded for the course.
16.6	A Cumulative Grade Point Average (CGPA) will be computed at the end of each semester and communicated to the students along with the SGPA and the grades obtained by them 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 will be calculated rounded upto two decimal places as follows: $\text{CGPA} = (C1*G1 + C2*G2 + C3*G3 + \ldots + Cm*Gm) / (C1 + C2 + C3 + \ldots + Cm)$ where, m is the number of courses registered upto that semester, C_i is the number of credits allotted to a particular course, and

	Gi is the grade points corresponding to the grade awarded for the course.
	Whenever a student repeats or substitutes a course in any semester, the lower grade(s) obtained by him/her in the course is to be ignored in the computation of CGPA from that semester onwards.
16.7	Both SGPA and CGPA will be rounded off to the second place of decimal and recorded as such. Whenever these CGPA are to be used for the purpose of determining the merit ranking of a group of students, only the rounded off values will be used.
16.8	When a student gets the grade 'I' or 'X' for any course during a semester, the SGPA for that semester and the CGPA at the end of that semester will be tentatively calculated ignoring 'I' and 'X' graded course(s). After conversion of 'I' and 'X' grade(s) to appropriate grade(s), the SGPA and CGPA for that semester will finally be recalculated after taking the converted grade(s) into account.
16.9	The Faculty Advisor/ Secretary DPPC/Thesis Supervisor may permit a student to register for an audit course provided the course instructor allows auditing a course. The word "AU" shall be written alongside the Course Name in the Grade Card. The audit course shall not carry any credits and grade points. Pass or fail status will be shown in the grade card as "PP" for passed and "NP" for not passed. However, a student is not required to register again for passing a failed audit course.

ASSESSMENT OF PERFORMANCE	
17.1	There will be continuous assessment of a student's performance throughout the semester and grades will be awarded by the teacher concerned or the appropriate committee appointed for this purpose on the following basis.
17.1.1	In case of
17.1.1.1	theoretical subjects, the evaluation will be based on instructors assessment & quizzes (minimum 20% including assignment, term project, attendant and conduct), mid semester examination (minimum 20%) and end semester examination (minimum 40%), and sessional subjects (Laboratory/Design etc.), the evaluation will be on the basis of attendance, assessment of the tasks assigned and end semester test/viva.
17.1.2	The evaluation of the project/thesis work will be based on sessional work assigned by the thesis supervisor; seminar, project/thesis report and project/thesis evaluation committees' assessment (mentioned in Clause 17.2 below).
17.1.3	In case of other requirements such as seminar, etc., evaluation will be as determined by the grade awarding authority.
17.1.4	The weightage assigned to different components of assessment will be announced by the concerned instructor(s) in the beginning of the semester.
17.1.5	The results of performance of the students in the mid-semester examination shall be announced by the instructors. The instructors should workout following points for returning evaluated mid-semester answer scripts:

17.1.5.1	for spot verification by students, the evaluated answer scripts shall be made available during one of the lecture classes/lab classes/tutorials or during a special session, as may deemed fit by the instructor;
17.1.5.2	at least a week ahead of the notified time-schedule for verification of answer scripts by the students, individual course instructor(s) may display the model answers relating to the question paper, through website for information to the students;
17.1.5.3	students shall point out discrepancies in the evaluation by the instructor, if any, on the spot;
17.1.5.4	after conclusion of the spot verification of answer scripts, the students shall be allowed to carry their answer scripts; and no claim whatsoever shall be entertained afterwards
17.1.5.5	All instructors should report to their respective HoDs about showing of evaluated answer scripts to the concerned students by the stipulated date set for the purpose in the academic calendar.
17.1.5.6	The concerned HoD in turn shall send their respective reports on the subject to the Dean of Academic Affairs, within 7 (seven) days from the scheduled last date for showing evaluated answer scripts to the students.
17.1.6	The final grades for a subject must be submitted after the end-semester examination by the concerned instructor(s) to their HoD for onward transmission to the Assistant Registrar (Academic) within the date stipulated in the academic calendar.
17.2	**Evaluation of M Tech Project/Thesis:**
17.2.1	The project/thesis work is in two/three stages, each spread over a semester. At the end of the every stages (excluding final stage), the student is required to submit a report of his/her work by a prescribed date to the Secretary, DPPC and present it to an Internal Project/Thesis Evaluation Committee. After passing of any stage, the subsequent stage of the work is continued in the following semester.
17.2.2	Those who fail in any stage assessment will be required to re-register for that stage in the following semester.
17.2.3	The procedure for submission of M Tech last stage Project/Thesis and conduct of oral examination are as follows
17.2.3.1	The thesis supervisor(s) shall be satisfied that the work has been completed. The supervisor(s) shall forward a list of examiners (comprising of at least two faculty members from the department, in addition to the supervisor(s) and one external expert (within Institute)) through the Secretary, DPPC to HoD.
17.2.3.2	The HoD will then forward the list of examiners to the Chairman IPPC for the approval at least 15 days before submission of the thesis.
17.2.3.3	Following the approval, unbound copies of the thesis (one each for every examiner) shall be submitted to the Department at least one week before probable date of the examination.
17.2.3.4	The supervisor(s) will fix the date of oral examination; make an

	announcement (through notices and e-mail) and forward unbound copies of thesis to the examiners. The date of oral examination shall be communicated to the academic section.
17.2.3.5	The oral examination of a M. Tech Project/Thesis shall be held as per announced schedule and it shall be an open one.
17.2.3.6	The Supervisor/Secretary, DPPC (if Supervisor is not available at the time of oral examination) shall be the convener of the oral examination committee. The committee shall evaluate the project/thesis of the candidate on the basis of presentation of the report, originality of the contents therein, demonstration of equipment model/hardware/software developed, the oral presentation and oral examination. In case the committee recommends a major revision and recommends a re-examination of the project/thesis, Grade "X" shall be awarded and the student shall be required to continue the project/thesis and resubmit the thesis within a period of two months. In case the committee rejects the thesis, Grade "F" shall be awarded and the student shall be required to re-register for the last stage project/thesis in the subsequent semester. The grade to be awarded to a student shall be evolved be the committee by consensus. The report of the oral examination committee including the grade shall be submitted to the Secretary, DPPC by the committee.
17.2.3.7	On successful completion of Oral Examination, each student shall submit bound copies of the thesis making corrections, if any, suggested by the examiners (one each to the supervisor(s) and the department) and an electronic copy to the department. Student shall obtain approval of the supervisor(s) before submitting the corrected version of the bound thesis. Secretary, DPPC shall forward the report of the oral examination committee along with the grade to the Dean of Academic Affairs only on receipt of the bound thesis and an electronic copy from a student. All M. Tech. Project/Thesis reports of a batch of students will be copied on a CD for archival purpose and deposited to the Central Library.
17.2.4	The last stage project/thesis work can be extend upto last date for I and X graders conversion as mentioned in the academic calendar of that semester.
17.2.5	Non-evaluation of any stage project/thesis within stipulated time, "F" grade will be awarded automatically and the student shall be required to re-register for that stage of project/thesis in the subsequent semester.

METHOD OF AWARDING LETTER GRADES	
18.1	The instructor(s) shall submit two copies of letter grades to the concerned HoD by the due date specified in the Academic Calendar. The HoD will forward all grades to the Academic Section by the due date specified in the Academic Calendar.
18.2	End-semester examination answer scripts and the sheet containing details of marks converted to grades shall be preserved by the instructor(s) concerned for a period of one semester.
18.3	**Changes in Grades Already Awarded**: If a student feels that he/she has not been awarded a deserving grade in a course, he/she may request the instructor

	of the course within one week of the start of the next semester, to show him/her the end-semester answer script in order to ensure that all the questions have been evaluated properly. In case of any change in grade, the same with due justification has to be communicated by the Instructor to the Dean of Academic Affairs through the HoD. However, M Tech project/thesis grades change are not permitted.

EXAMINATION	
19.1	The Mid Semester and End Semester Examination will be conducted centrally by the Academic Section of the Institute in every semester. Every theory course must have a Mid Semester and an End-Semester Examination. The durations of the examinations will be 2 hours and 3 hours respectively.
19.2	A student of a particular semester may be permitted to appear in the subsequent examinations for two times i.e. one regular exam + supplementary of regular exam concerned (during summer vacation), failing which the student has to re-register the concerned course.
19.3	A student may be debarred from appearing in the end semester examination due to the following reasons:
19.3.1	If any disciplinary action is taken against him/her.
19.3.2	On recommendation of a instructor, if
19.3.2.1	his/her attendance in the Lecture/Practical classes has not been satisfactory during the semester, and/or,
19.3.2.2	his/her performance in the sessional work done during the semester has been unsatisfactory.

MAKE-UP EXAMINATIONS	
20.1	Students who have missed an end-semester examination on valid reasons and have been awarded "I" grade are eligible for a make-up examination. They should make an application to the Dean of Academic Affairs through the Instructor/HoD within seven days from the date of the examination missed explaining the reasons for their absence.
20.2	Official permission to take a make-up examination will be given under exceptional circumstances such as admission to a hospital due to illness and a calamity in the family at the time of examination. Students residing in the hostels should produce a medical certificate issued by the Institute Medical Officer only. Students who are permitted to stay outside the campus or who have been authorised to be away from the Institute should produce a medical certificate from a Medical Officer not below the rank of a Civil Surgeon and endorsed by the Institute Medical Officer. Certificates from private medical practitioners will not be accepted. The Dean of Academic Affairs can use his/her discretion in giving permission to a student to take a make-up examination.
20.3	No make-up examination will be scheduled for the mid-semester examination and quizzes. It is entirely upto the instructor to ascertain the proficiency of the student by whatever means considered appropriate to him/her if he/she is satisfied of the bonafides of the case.

20.4	Students who are awarded "X" grade by the teachers are also eligible for the make-up examination.
20.5	Make-up examination will be held as per dates notified in the Academic Calendar. Make-up examinations at any other time can be held only with the permission of the Dean of Academic and Examination.
	SUPPLEMENTARY EXAMINATIONS
20.1.1	Students who have obtained "F" grade in the semester examinations and those completed mandatory classes will be permitted to appear in the examination. Supplementary examinations shall be conducted during summer vacation.
20.1.2	A Students who obtains CGPA below 5.00 with 'DD' in some subjects or grade 'F' in some subjects may be permitted by Dean of Academic & examination on recommendations to repeat one or more DD grade subjects along with the failed subjects provided, the subject(s) is /are being offered therein.
20.1.3	Every student shall be required to pay the prescribed fees per course at the time of registration for the supplementary examination.

WITHHOLDING OF GRADES	
21	Grades shall be withheld when the student has not paid his/her dues or when there is a disciplinary action pending against him/her.
ELIGIBILITY FOR THE AWARD OF M. TECH. DEGREE	
21.1	A student shall be declared to be eligible for the award of M. Tech. degree if he/she has :
21.1.1	completed all the credit requirements for the degree with a minimum CGPA 0f 4.00. or higher grade in each of the subjects (Theoretical, Laboratory, Workshop, Sessional etc), Seminar, Project/Thesis etc;
21.1.2	obtained a CGPA of 5.00 or more at the end of the semester in which he/she completes all the requirements for the degree;
21.1.3	no dues to the Institute, Department, Hostels; and
21.1.4	no disciplinary action is pending against him.
21.1.5	The award of M. Tech. degree must be recommended by the Senate and approved by the Board of Governors of the Institute.

APPENDIX A
ELIGIBILITY CRITERIA   FOR ADMISSION INTO M TECH
The details of the eligibility criteria (i.e. minimum qualifications and experience) for

admission to various MTech programmes are given in this appendix. The Senate reviews the same for admission to the MTech programme from time to time. Relaxation in academic qualification for reserved categories of students is as per Government of India guidelines.

	MINIMUM QUALIFICATIONS	
A.1	Minimum qualifications for M Tech Programme	
A.1.1	Minimum CGPA of 6.5 or 60% of marks or First Class in the qualifying degree, fulfilling specific requirements for different disciplines, as indicated below:	
	A.1.1.1	Computer Science & Engineering: Bachelor's degree in Engineering/ Technology or equivalent in an appropriate area or MSc (Computer Science/Information Technology) or MCA from a recognized Institution and a valid Graduate Aptitude Test in Engineering (GATE) score in CS.
	A.1.1.2	Mobile Communication and Computing: Bachelor's degree in Electronics & Communication Engineering/Computer Science & Engineering or Equivalent, MCA or MSc(Physics, Electronics) and a valid GATE score in Electronics & Communication, Computer Science & Information Technology or Physics
	A.1.1.3	Renewable Energy & Energy Management: Bachelor's degree in Electrical Engineering/Instrumentation Engineering/Energy Engineering or equivalent, M Sc in Physics or equivalent and a valid GATE score in Electrical Engineering.
	A.1.1.4	VLSI & Embedded Systems: Bachelor's degree in Electronics & Communication Engineering/Computer Science & Engineering or Equivalent or MSc(Electronics) and a valid GATE score in Electronics & Communication, Computer Science & Information Technology or Physics
	A.1.1.5	Electronics Design & Manufacturing: Bachelor's degree in Electronics & Communication Engineering/Computer Science & Engineering or Equivalent or MSc(Electronics) and a valid GATE score in Electronics & Communication, Computer Science & Information Technology or Physics
	A.1.1.6	Mechanical System Design & Innovation Technology: Bachelor's degree in Mechanical Engineering/Production Engineering and Industrial Engineering /Aeronautical Engineering/Industrial and Management Engineering or equivalent with a valid GATE score in Mechanical Engineering/Production and Industrial Engineering.
	A.1.1.7	Appropriate Technology & Entrepreneurship: Bachelor's degree in Engineering/Technology, M Sc, B Arch. with a valid GATE score in appropriate discipline.
A.1.2	All regular category candidates (except those having B Tech degrees from an IIT and NIT with a minimum CGPA of 7.0) must possess a valid GATE score.	
A.1.3	A separated written test/Interview will be conducted for respective departments if no sufficient candidate is available	
	MINIMUM EXPERIENCE FOR SPONSORED AND PART-TIME CATEGORIES	

A.2	Candidate in Sponsored and Part-time categories must be a regular employee of the sponsoring organization with at least two years of professional experience in the respective field.

DEPARTMENTAL POST GRADUATE PROGRAMME COMMITTEE (DPPC)		
COMPOSITION:		
I	Head of the Department (ex-officio)	Chairman
II	Six faculty members to be selected by the Dept of which one will be selected by Dept as Member Secretary.	Members
III	One faculty from another department. The department will be chosen by the Committee. The faculty member from another will be chosen by the Dept.	Member
IV	For a department, one student with CGPA not less than 7.5 to be selected by the MTech and MSc students and one student to be elected by the PhD students of second year and higher.	Members
TENURE		
Two years for the faculty and one year for the student.		
FUNCTIONS		
I	To oversee the conduct of all post-graduate programme in the department.	
II	To ensure the academic standard and excellence of the courses offered by the department.	
III	To discuss and recommend the syllabi of all post-graduate courses offered by the department from time to time before sending the same to the Institute Post Graduate Programme Committee.	
IV	To consider any matter related to the post-graduate programme of the department.	
INSTITUTE POSTGRADUATE PROGRAMME (IPPC)		
COMPOSITION:		
I	Dean of Academic Affairs (ex-officio)	Chairman
II	DPPC Secretaries of all departments	Members
II	Deputy Registrar (Academic) or Assistant Registrar (Academic)	Non-Member Secretary
TENURE:		

Two years.	
FUNCTIONS	
I	To oversee the conduct of all post-graduate programme in the Institute.
II	To consider the proposals from the departments and make recommendations to the Senate for consideration and approval.
III	To issue guidelines to various departments on evaluation pattern of the courses/projects/thesis to maintain uniformity.
IV	To consider and recommend the assessment procedure to be adopted by various departments.
V	To consider and recommend any other matter concerning the postgraduate programme of the Institute.

<div align="center">FORM I -SPONSORSHIP LETTER</div>

<div align="center">(This should by typed on the letter head of the sponsoring organisation)</div>

Reference No.   Date

To

The Director

National Institute of Technology Arunachal Pradesh,

Sub : Sponsoring an Employee for M. Tech.

Dear Sir,

We hereby sponsor the candidature of Mr./ Ms ....who is an employee in our organisation, for joining M. Tech. Programme in ....at your Institute as a full-time student.

We shall relieve him/her of his/her duties in the organisation during the two years of the M. Tech. programme.

<div align="right">Sponsoring Authority</div>
<div align="right">Seal & Signature</div>

Form II - No-Objection Certificate for NIT Arunachal Pradesh Project Employee

National Institute of Technology Arunachal Pradesh

Reference No. Date

To

The Director

National Institute of Technology Arunachal Pradesh

Sub : No-Objection Certificate

Dear Sir,

We have no objection if Mr./Mrs....................................an employee in our organisation, is admitted to the M.Tech. Programme in ....at your Institute as a part-time student.

We shall give him/her leave of absence to attend class work at NIT Arunachal Pradesh during two years of the M.Tech. Programme.

Designated Authority

Seal &

Signature

Form III - No-Objection Certificate for Part-time category
(This should be typed on the letter head of the sponsoring organisation)

Reference No.   Date

To
The Director
National Institute Technology Arunachal Pradesh

Sub : No-Objection Certificate

Dear Sir,

We have no objection if Mr./Mrs....................................an employee in our organisation, is admitted to the M.Tech. Programme in ....at your Institute as a part-time student.

We shall give him/her leave of absence to attend class work at NIT Arunachal Pradesh during two years of the M.Tech. Programme.

Signature Designated Authority
Seal &
Signature