

Uttarakhand Technical University, Dehradun

Ordinance

Master of Technology

1. Admission:

Admission to M.Tech first year will be made as per the rules prescribed by Academic Council of Uttarakhand Technical University, Dehradun in consonance with M.Tech admission guide lines of AICTE PG Board.

- 1.2. Admission on migration of a candidate will be done provided candidate has been awarded B.Tech degree while the candidate was pursuing five years integrated M.Tech course.
- 1.3. Whenever five years integrated M.Tech course prescribed by Academic Council and endorsed by Executive Council. Lateral entry may be provided on AICTE adopted and notified policy.

2. Eligibility:

- 2.1. Admission to M.Tech first year through GATE/University PG entrance examination will be made.
- 2.2. Candidate who has passed B.Tech or equivalent from any University recognized by UGC under 2(f) for awarding B.Tech degree and abroad University recognized equivalent by notified authority of Indian Government for the purpose with at least 55% marks obtained in B.Tech degree.
- 2.3. Direct admission on vacant seats at institution/college level.

The eligibility criteria for direct admission/sponsored admission on seats remaining vacant after counseling may be filled as notified from time to time by University.

- 2.4. Academic Council shall have power to amend or repeal eligibility criteria laid down on adopting new guidelines of AICTE/UGC.

3. Attendance:

- 3.1. Every student is required to attend all the lectures, practicals and other prescribed curricular and co-curricular activities. The attendance can be condoned on medical ground or for other genuine reason beyond control of student but the attendance can be condoned only upto 20% only. Attendance will be deciding criteria for permission to appear in the examinations. It will be applicable subject wise and attendance will be counted from the date of admission in the course and first teaching class begins of the subject. The percentage of attendance will be estimated on the total classes held and the classes attended by the candidate.

4. Duration of Course:

- 4.1. The total duration of M.Tech shall be 24 months (2yrs.) in which each year will be comprising two semesters of 90 working days normally or as prescribed by AICTE from time to time.
- 4.2. Maximum time allowed for a candidate admitted in M.Tech for completing M.Tech is 3 yrs. may be relaxed upto 4yrs on genuine reason by Academic Council.

5. Curriculum:

- 5.1. The 2 years curriculum has been divided into 4 semesters and shall include lectures, tutorials, practicals, seminars and project/dissertation required for the degree course as prescribed.
- 5.2. The curricular and co-curricular along with extra curricular activities may be prescribed by University if AICTE guide lines are prescribed on the issue.

6. Examination:

- 6.1. The performance of a student in the semester shall be evaluated through continuous class assessment and end semester examination. The continuous assessment shall be based on class tests, assignments, tutorials, quizzes, viva voce and attendance. The marks for continuous assessment shall be awarded at the end of the semester (sessional marks). The end semester examination shall be comprised of written

papers, practicals, viva voce, project work, design report and dissertation evaluated by supervisors and external evaluators with open defence.

- 6.2. Scheme of examination will be provided on each aspects and accordingly statement of marks will be prepared for records and award of M.Tech degree.
- 6.3. The minimum pass marks in each theory subjects shall be 50% with minimum 40% in each theory papers in the end of examination. If there is no sessional marks prescribed for theory papers then 40% will be minimum passing marks.
- 6.4. Project/Practical shall be 50% minimum marks to be declared pass and dissertation 70% marks will be minimum to be declared pass.
- 6.5. Aggregate of marks obtained by candidate to declare pass in M.Tech shall be 55%.

7. Promotion:

- 7.1. A candidate satisfy all requirements under clause 6 shall be promoted to next academic year of study.
- 7.2. The candidate shall appear in the theory papers which does not satisfy clause 6 only two times after main examinations, otherwise has to leave the M.Tech course.
- 7.3. There shall be no carryover in M.Tech 2nd year.
- 7.4. Project/Dissertation duration will be one year and RDC (PG) will monitor the progress of the candidate on the topic at least two times before permitted to write dissertation.

8. Evaluation of Dissertation:

- 8.1. Supervisor will submit expert list and Director/Dean or Vice Chancellor may recommend one name outside the institute for evaluation of M.Tech dissertation and supervisor will evaluate independently.
- 8.2. If the average of both the evaluators will be less than 70%, then candidate has to resubmit his/her dissertation for next evaluation.

8.3. There will be open defence of M.Tech dissertation before external evaluators and any two professors nominated by Dean/Directors, at least one must be present. The aggregate marks will be posted from (EO + Nominated + Supervisor) on viva-voce which will carry 20% of total marks. (EO is external evaluator).

For Example

Dissertation - 100 marks

Supervisor (ms) - 50 marks

External Exam (me) - 30 marks

Viva-Voce - 20 marks

Aggregate of EO + Supervisor + Non experts $\geq (21 + 35 + (mo+ms+me)/3) \geq 70\%$

9. Results:

The results will be announced on satisfaction of clause 6 and 8.

Division:

55% shall be IInd division.

65% First Division.

75% Honours (single attempt marks of candidate in the entire course will be honoured only)

Grace marks: in M.Tech grace marks will be nil.

10. Scrutiny and Reevaluation:

There is no provision of such privilege to look into any evaluation for omission on part of the evaluation.

11. Unfair Means:

- 11.1. If unfair means adopted by the M.Tech student, the subject evaluation will be cancelled and candidate has to reappear in the examination, whenever conducted by the University.
- 11.2. Dissertation must be in candidate own written without plagiarism. If Plagiarism found in the dissertation with sufficient proof, the M.Tech degree will be made null and void.

12. M.Tech (Research): 56 Credits

- 12.1. A candidate can pursue M.Tech (Research) of two year duration in which 16 credits theory, 10 credits practical lab documentation, 5 credits seminar (at least 2 times in two years on two separate topics), Dissertation 20 credits, Viva-Voce 5 credits.

13. M.Tech Sequential:

- 13.1. There is no difference between regular and sequential M.Tech except the candidate must be teacher for clause 12 and 13 and candidate has to attend summer/winter for three and two theory papers and document one UG lab and dissertation of one year duration.

10 theory papers	-	40 credits
Lab documentation	-	5 credits
Dissertation	-	10 credits
Viva-Voce (dissertation)	-	5 credits
Total	-	60 credits

14. The attendance in 12, 13 shall be 100% in theory classes to be attended.

15. M.Tech (Research) industry:

A scientist and working engineer can be registered as M.Tech (Research) student. The candidate can submit his/her dissertation provided RDC is satisfied with his/her presentation on specific topic the synopsis and detail plan on topic with reference. The candidate should be permitted for

such degree should be permitted on his/her 15yrs. experience provided Industry/Organization permit him/her to submit his/her experience in the dissertation. The candidate can submit for Ph.D program if he/she has credit of International publication at least 5 papers in impact factor Journal/referred Journal. The Thesis will be evaluated in the one of the IIT/IISc. Bangalore for award of Thesis.