

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

OFFICE OF THE DEAN ACADEMIC

No. 3024

Dated: 26/9/2023

OFFICE ORDER

In pursuance of the decision taken by the Board of Governors in its 54th meeting held on 01st August 2023 under Item No. 54-4.1, the guidelines and modalities for starting the M.Tech./M.Plan.+Ph.D. Dual Degree (MPDD) has been approved.

Encl.: Guidelines & modalities.

Melankhe
REGISTRAR
26.9.23

Copy to:

1. All Deans.
2. All Heads of the Departments.
3. All Convener DPGC.
4. PS to Director.
5. PA to Registrar.
6. Webmaster for upload on the Institute website.
7. Guard file.

R. R. R.

Dy. Registrar (Academic)

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

M.Tech./M.Plan. + Ph.D. Dual Degree (MPDD) Program

I. Genesis:

- a) The program has been designed for bright MTech/MPlan students having an inclination and aptitude for research. The program aims to attract the best of those students and attract them early towards research. Once these students complete their MTech coursework, they will start their research and earn both MTech/MPlan and PhD degrees - at the end of the program. The two distinct aspects of the MPDD are as below:
 - i. Provide an avenue to students to earn both degrees in a far lesser duration as compared to if these two programs were registered for sequentially.
 - ii. Attract bright students by awarding them a fellowship equivalent to that of doctoral students from the date of their joining the program.
- b) Once the candidate gets admission into the MPDD program, the requirements of the program will be as per the PhD program in vogue, except for the features indicated below.

II. Eligibility:

- a) The students who are admitted to MTech/MPlan Programme with a GATE scholarship at MNIT Jaipur are eligible to register for this program, provided they have an overall CGPA ≥ 8.0 up to second semester of the MTech/MPlan program. The program would be open for only full time MTech students admitted with GATE score. The candidate should not have any backlog in any of the registered courses for MTech/MPlan.
- b) They can convert themselves to the MTech/MPlan + Ph.D. Dual Degree (MPDD) Programme of the concerned academic unit where they have registered for MTech program.
- c) The student will be given an option to register for MPDD program any time after the declaration of the second-semester results, i.e. after second or third semester.
- d) Minimum CGPA for PhD candidacy is 7.5 and above; for the courses registered after admission to MPDD program.

III. Admission process:

- a) The willing candidate must apply to the institute for the MPDD program through regular PhD admission process every semester. Admission is not a right, but is subject to successful interview and availability of funded scholarship positions (from institute fellowship/UGC/CSIR, etc.)
- b) A separate category of PhD admissions may be approved by the Senate. A separate category of PhD admissions must be created in institute ERP.
- c) The candidate must appear for a personal interview in front of the Departmental Selection Committee (DSC), during the routine PhD admissions. No written test would be conducted for the candidates appearing for this program.
- d) The number of candidates admitted through MPDD program will be counted towards overall PhD scholars (slots) a faculty can supervise and overall seats available for scholarship.

IV. Program Duration:

- a) The total duration of the proposed MPDD program will be minimum 4 (1+3) and maximum of 7 (2+5) years from the date of MTech/MPlan admission at the institute.

V. Program Assistantship:

- a) The candidate becomes eligible for scholarship for regular PhD scholars. However, for the scholars admitted through MPDD program, MTech/MPlan Assistantship would continue till the successful clearing of their Comprehensive Exam.
- b) Once the candidate successfully clears the Comprehensive Exam, the difference of eligible assistantship amount since admission to MPDD program (3rd / 4th semester onwards) till the date of the Comprehensive Exam will be credited to the candidate in equal instalments. After that normal PhD Assistantship will be continued. The assistantship can be provided for a maximum period of 5 years from the date of registration in MPDD program, as per the current PhD assistantship norms.
- c) If a candidate converts to part time, his fellowship will cease as per institutional PhD guidelines.

VI. Course requirements:

- a) After clearing the first two semesters of MTech program, the remaining credit requirement for the dual degree program will be equal to the sum of pending credit requirements of the concerned MTech/MPlan program plus 9 credit of PhD program.

For example, if an MTech program has 22 credit to be attained in 3rd and 4th semester, the equivalent credit requirements for dual degree will be 22 credit plus 9 credit. The candidate has to appear for a minimum of total 22 credit in the 3rd and 4th semesters, as per the relevant

program, but can additionally register for more courses equivalent to 9 credit of PhD program. Likewise incase of MPlan, the credits to be attained in 3rd and 4th Semester will be 16 and 14 credits respectively and can additionally register for more courses equivalent to 09 credits of Ph.D Programme. The maximum credit to be registered in any semester is as per current guidelines. This credit can be attained as follows.

| For M. Tech. + Ph.D. Dual Degree (MPDD) Programme | For M.Plan + Ph.D. Dual Degree (MPDD) Programme |
|---|---|
| <p><i>Third Semester (minimum 11 Credit maximum 17 Credit):</i></p> <p>Seminar: 3 Credit Research Methodology I: 2 Credit Four Courses: 12 Credit</p> | <p><i>Third Semester (minimum 18 Credit maximum 21 Credit):</i></p> <p>Courses of regular M.Plan Degree: 16 Credit Research Methodology I: 2 Credit One Courses extra: 3 Credit</p> |
| <p><i>Fourth Semester (minimum 11 Credit maximum 19 Credit)</i></p> <p>Research Methodology II: 2 Credit Dissertation: 14 Credit One Course: 3 Credit</p> | <p><i>Fourth Semester (minimum 16 Credit maximum 22 Credit)</i></p> <p>Dissertation: 14 Credit Research Methodology II: 2 Credit One/Two Course extra: 3/6 Credit</p> |

Any shortfall of credit can be covered in the 5th semester.

- b) The candidate must register for sufficient credits in 3rd and 4th semesters, to fulfil the minimum credit requirement for the award of MTech/MPlan degree, in case the student quits the program with an MTech degree alone.
- c) Comprehensive Exam is to be conducted by the end of the 7th semester, as per current PhD regulations.
- d) The nomination of supervisor for the candidate registering for MPDD program will be done afresh, during the time of departmental interview. The supervisor may be different form the one appointed for the MTech/MPlan program.

VII. Award of degree and Exit options:

- a) After successful completion of the Viva Voce relating to his/her PhD works, the student concerned will be awarded the MPDD together. The MTech/MPlan degree will be retroactive from the date of the completion of his/her fulfilment of minimum credit requirement for relevant MTech/MPlan program/Comprehensive Examination.

- b) If the candidate intends to leave the program any time after four semesters or is unsuccessful in the Comprehensive Exam, then the candidate will be entitled to only an MTech/MPlan degree.
- c) The scholar would not be allowed to appear for MTech/MPlan placements or internships upto his/her Comprehensive Examination, once admitted into the MPDD program.

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