

# मौलाना आज़ाद राष्ट्रीय प्रौद्योगिकी संस्थान

(शिक्षा मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का संस्थान) भोपाल – 462003 (म.प्र.) भारत

No/MANIT/Acad./2025/806/1

दिनांक: 09.04.2025

# पीएच.डी. प्रवेश सूचना

2025–26 सत्र के लिए निम्नलिखित कार्यक्रम में पीएचडी प्रवेश के लिए आवेदन आमंत्रित किए जाते हैं:-

पीएच.डी. कार्यक्रम पूर्णकालिक और अंशकालिक श्रेणियां नीचे दी गई हैं:--

# (ए) पूर्णकालिक (एफटी)

- 1. पूर्णकालिक इंस्टीट्यूट (संस्थान फेलोशिप के साथ)
- पूर्णकालिक जेआरएफ (नेट/यूजीसी इत्यादि फेलोशिप के साथ)
- 3. पूर्णकालिक स्व-वित्तपोषित (संस्थान फेलोशिप के बिना)
- 4. पूर्णकालिक प्रायोजित ( संस्थान फेलोशिप के बिना)
- पूर्णकालिक विदेशी (संस्थान फेलोशिप के बिना)

# (बी) अंशकालिक (पीटी)

- 1. अंशकालिक संस्थान ( संस्थान फेलोशिप के बिना )
- 2. अंशकालिक आंतरिक ( संस्थान फेलोशिप के बिना )
- अंशकालिक प्रायोजित (संस्थान फेलोशिप के बिना)
- 4. अंशकालिक प्रोजेक्ट (प्रोजेक्ट से फेलोशिप के साथ)

विवरण के लिए संस्थान की वेबसाईट www.manit.ac.in और आवेदन पत्र के लिए http://erp.manit.ac.in/ext/adm/login देखे।

विधिवत पूर्ण आवेदन पत्र प्राप्त करने की अंतिम तिथि 16.05.2025 है।

निदेशक

Advt. Size 8X8



# MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY

(An Institution of National importance under Ministry of Education, Govt. of India)

Bhopal-462003 (M.P.) INDIA

No/MANIT/Acad./2025/806/1

# 5/806/1 Date: 09.04.2025 Ph.D ADMISSION NOTICE

Applications are invited for the Ph.D admission in the following programme for 2025-26 sessions:-

Ph.D. program Full Time & Part Time categories given below: -

A) Full Time (FT)

1. FT-Institute - (With Institute Fellowship)

FT-JRF - (With Fellowship from NET/UGC, etc.)

FT-Self Financed - (Without Institute Fellowship)

4. FT-Sponsored - (Without Institute Fellowship)

FT-Foreign - (Without Institute Fellowship)

B) Part Time (PT)

PT-Institute - (Without Institute Fellowship)

PT-Internal - (Without Institute Fellowship)

PT-Sponsored - (Without Institute Fellowship)

4. PT-Project - (With Fellowship from the Project)

For details visit Institute website www.manit.ac.in and for application form visit http://erp.manit.ac.in/ext/adm/login

The last date for receiving duly completed application form is 16-05-2025.

DIRECTOR

Advt. Size 8X8



## MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY, BHOPAL

(An Institute of National Importance under Ministry of Education, Govt. of India)

# Ph.D. Admissions (Full Time & Part Time) 2025-2026

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#### Note:

- 1. Candidates are advised to visit the institute website regularly for updates (if any). No individual communication via postal or e-mail shall be made regarding selection procedure by the institute.
- 2. Applicants are advised to go through the institute's Ph.D. Ordinance and amendments as available on the institute website <a href="http://www.manit.ac.in">http://www.manit.ac.in</a> for norms, rules and regulations.
- 3. Institute reserves the right to refuse admission to any candidate, or cancel the whole admission process, without assigning any reason.
- 4. In case of any ambiguity, typographical error or mistake, the decision of Chairman, Senate shall be final.
- 5. All disputes related to admission shall be subject to M.P Jurisdiction only.

#### 1. Admission Categories:

Students with Graduation/Masters Degree in relevant discipline will be eligible for admission in the following programs of Ph.D as per the concerned eligible criterion.

#### A) Full Time (FT)

1. FT-Institute - (With Institute Fellowship)

2. FT – JRF - (With fellowship from NET/UGC etc.)

3. FT-Self-Financed
4. FT- Sponsored
5. FT-Foreign
6. (Without Institute Fellowship)
6. (Without Institute Fellowship)
7. (Without Institute Fellowship)
8. (Without Institute Fellowship)
9. (Without Institute Fellowship)

#### B) Part Time (PT)

PT-Institute - (Without Institute Fellowship)
 PT-Internal - (Without Institute Fellowship)
 PT-Sponsored - (Without Institute Fellowship)
 PT-Project - (With Fellowship from the Project)

#### 2. DEPARTMENTS OFFERING Ph.D. PROGRAMMES:

| S.No | Department/ Centre  |
|------|---|
| 1.   | Architecture & Planning                                       |
| 2.   | Biological Science & Engineering                              |
| 3.   | Centre for Artificial Intelligence                            |
| 4.   | Centre for Excellence in Product Design & Smart Manufacturing |
| 5.   | Centre for Excellence in Water Management                     |
| 6.   | Chemical Engineering  |
| 7.   | Chemistry   |
| 8.   | Civil Engineering   |
| 9.   | Computer Science & Engineering                                |
| 10.  | Energy Centre   |
| 11.  | Electrical Engineering  |
| 12.  | Electronics & Communications Engineering                      |
| 13.  | Humanities and Social Sciences                                |
| 14.  | Management Studies  |
| 15.  | Materials & Metallurgical Engineering                         |
| 16.  | Mathematics, Bioinformatics & Computer Applications (MBC)     |
| 17.  | Mechanical Engineering  |
| 18.  | Physics   |

### **3.** Experience and Qualification requirements

Candidates seeking admission in the doctoral degree program of the institute may apply under various admission categories. The Table-I enlist all admission categories in which institute offers admissions with obligatory qualification and experience requirements. Aspiring candidates may check qualifications and experience requirement before applying for admission under the designated admission-category.

Table-I: Admission Categories

| S.No. | Admission Category*                               | Experience and Qualification requirements  |
|-------|---|--|
| 1.    | FT-Institute (With Institute Fellowship)          | Master's degree in <b>respective discipline</b> with minimum of 60% or CGPA 6.5 (on a 10-point Scale) with NET/GATE qualified.  OR   |
|       |   | B.E./B.Tech/B.Arch/B.Plan or Equivalent Degree with minimum of 70% marks or 7.5 CGPA ( <i>on the scale of 10</i> ) plus Valid Gate Score.  |
|       | FT – JRF  (With Fellowship from the NET/UGC etc.) | Master's degree in <b>respective discipline</b> with minimum of 60% or CGPA 6.5 (on a 10-point Scale) with NET/GATE qualified.   |
|       | NEI/OGC etc.)                                     | OR B.E./B.Tech/B.Arch/B.Plan or Equivalent Degree with minimum of 70% marks or 7.5 CGPA (on the scale of 10) plus Valid Gate Score.  |
|       | FT-Self-Financed  (Without Institute Fellowship)  | Master's degree in <b>respective discipline</b> with minimum of 60% or CGPA 6.5 (on a 10-point Scale).  OR   |
|       | ,   | B.E./B.Tech/B.Arch/B.Plan or Equivalent Degree with minimum of 70% marks or 7.5 CGPA (on the scale of 10).   |
|       | FT- Sponsored  (Without Institute Fellowship)     | Master's degree in <b>respective discipline</b> with minimum of 60% or CGPA 6.5 (on a 10-point Scale).  OR   |
|       | 1 Cuowsiup)                                       | B.E./B.Tech/B.Arch/B.Plan or Equivalent Degree with minimum of 70% marks or 7.5 CGPA (on the scale of 10).  Experience and other Requirements:  The Candidate must be an employee of Central/State Government Institutions/organizations. It is mandatory to furnish NOC (Annexure B) from the parent organization at the time of application/admission. |

|    | FT-Foreign (Without Institute  | Master's degree in <b>relevant discipline</b> with minimum of 60% or CGPA 6.5 (on a 10-point Scale).   |
|----|--------------------------------|--|
|    | Fellowship)                    | AND  |
|    |                                | B.Tech/ B.E./ B Plan of 04 years duration in relevant discipline or 05 years Degree course in Architecture with minimum 60% aggregate marks or 6.5 CGPA ( <i>on a 10-point Scale</i> ).  |
|    |                                | Experience and other Requirements:   |
|    |                                | (i) This category of admission is applicable to <b>foreign</b> students through ICCR scholarship.  |
|    |                                | (ii) The applicant should not be older than 30 years as on 1stOctober of the calendar year.  |
|    |                                | (iii) Must have minimum valid GRE score of 280.  |
| 2. | PT-Institute                   | Master's degree in relevant <b>discipline</b> with minimum of 60% or CGPA 6.5 (on a 10-point Scale).   |
|    |                                | Experience and other Requirements:   |
|    |                                | Students with Master's Degree in relevant discipline will be eligible for admission in corresponding Part-time / Executive Ph.D. Programs, subject to their fulfilling the requirements. |
|    | PT-Internal                    | Master's degree in <b>respective discipline</b> with minimum of 60% or CGPA 6.5 (on a 10-point Scale).   |
|    | (Without Institute Fellowship) | OR   |
|    |                                | B.E./B.Tech/B.Arch/B.Plan or Equivalent Degree with minimum of 70% marks or 7.5 CGPA (on the scale of 10).   |
|    |                                | Experience and other Requirements:   |
|    |                                | (i) This category of admission is applicable for regular faculty/staff members of MANIT Bhopal with minimum 01 year of experience. The format of the NOC is given in Annexure A.         |
|    |                                | (ii) No change or relaxation in admission process/norms.   |
|    |                                | (iii) Shall undergo a normal selection process as applicable to any other external candidate.  |
|    |                                | (iv) Course work is mandatory similar to any other external  |
|    |                                | Page 5 of 22   |

|   | candidate.   |
|---|--|
|   | (v) No relaxation in Institute's academic/administrative duties.   |
|   | (vi) No financial relaxation in pursuing Ph.D. program.  |
| PT-Sponsored (Without Institute)              | Master's degree in <b>respective discipline</b> with minimum of 60% or CGPA 6.5 (on a 10-point Scale).   |
| (Without Institute Fellowship)                | OR   |
|   | B.E./B.Tech/B.Arch/B.Plan or Equivalent Degree with minimum of 70% marks or 7.5 CGPA (on the scale of 10).   |
|   | Experience and other Requirements:   |
|   | The Candidate must be an employee/officers of central/State Government Institutions/organizations of Industry. It is mandatory to furnish NOC from the parer organization at the time of application/admission. The format of the NOC is given in Annexure B.  |
| PT-Project (With Fellowship from the Project) | Master's degree in <b>respective discipline</b> with minimum of 60% or CGPA 6.5 (on a 10-point Scale) with NET/GAT qualified.  OR  B.E./B.Tech/B.Arch/B.Plan or Equivalent Degree wit minimum of 70% marks or 7.5 CGPA (on the scale of 10 from an Institute of National Importance/CFTI plu NET/GATE qualified. |

\*Prefix FT or PT indicates whether admission is as Full-time research scholar or Part-time research scholar

#### 4. Seat Matrix:

The number of Full Time Regular & Part-time seats in Ph.D. program may be fixed as 200 across the institute. This is as per the faculty strength and proposed increase in Full-time Ph.D. seats with institute fellowship. The figure may be suitably divided amongst different departments of the Institute.

### A) FULL TIME (FT)

# 1) FT-Institute - (With Institute Fellowship) -200 number of seats as follows;

| S.<br>No | Department   | UR | EWS | SC | ST | OB<br>C | Total |
|----------|--|----|-----|----|----|---------|-------|
| 1        | Architecture & Planning  | 8  | 1   | 3  | 1  | 5       | 18    |
| 2        | Biological Science & Engineering                                 | 1  | 0   | 1  | 0  | 1       | 3     |
| 3        | Centre for Artificial Intelligence                               | 1  | 1   | 1  | 0  | 1       | 4     |
| 4        | Centre for Excellence in Product Design & Smart<br>Manufacturing | 1  | 1   | 1  | 0  | 1       | 4     |
| 5        | Centre for Excellence in Water Management                        | 1  | 0   | 1  | 0  | 1       | 3     |
| 6        | Chemical Engineering   | 4  | 1   | 1  | 1  | 3       | 10    |
| 7        | Chemistry  | 3  | 1   | 1  | 1  | 3       | 9     |
| 8        | Civil Engineering  | 9  | 2   | 3  | 1  | 5       | 20    |
| 9        | Computer Science & Engineering                                   | 7  | 1   | 3  | 1  | 5       | 17    |
| 10       | Energy Centre  | 2  | 1   | 1  | 1  | 2       | 7     |
| 11       | Electrical Engineering   | 7  | 2   | 2  | 1  | 4       | 16    |
| 12       | Electronics & Communications Engineering                         | 9  | 2   | 3  | 1  | 5       | 20    |
| 13       | Humanities and Social Sciences                                   | 3  | 1   | 1  | 1  | 2       | 8     |

| 14 | Management Studies   | 3 | 1 | 1  | 1  | 2  | 8   |
|----|--|---|---|----|----|----|-----|
| 15 | Materials & Metallurgical Engineering                        | 3 | 1 | 1  | 1  | 2  | 8   |
| 16 | Mathematics, Bioinformatics & Computer<br>Applications (MBC) | 6 | 1 | 2  | 1  | 4  | 14  |
| 17 | Mechanical Engineering                                       | 9 | 2 | 3  | 2  | 6  | 22  |
| 18 | Physics  | 4 | 1 | 1  | 1  | 2  | 9   |
|    | Total  |   |   | 30 | 15 | 54 | 200 |

- 2. FT- JRF (With Fellowship from NET/UGC etc) No Seats Limit
- **3. FT- Self-Financed** (Without Institute Fellowship) (There shall be two seats of Self Financed candidates in each department as mentioned at point no. 2 totaling to 36 seats.
- **4. FT- Sponsored (Without Institute Fellowship)** (There shall be two seats of Sponsored candidates in each department as mentioned at point no. 2 totaling to 36 seats.
- **5. FT-Foreign** (Without Institute Fellowship) ( As per norms)

### **B)** PART TIMR (PT)

#### 1. PT-Institute - (Without Institute Fellowship) 200 number of seats as follows;

| S. No | Department                         | Total |
|-------|------------------------------------|-------|
| 1     | Architecture & Planning            | 18    |
| 2     | Biological Science &               | 0.2   |
| 2     | Engineering                        | 03    |
| 3     | Centre for Artificial Intelligence | 04    |
| 4     | Centre for Excellence in Product   | 0.4   |
| 4     | Design & Smart Manufacturing       | 04    |
| _     | Centre for Excellence in Water     | 0.2   |
| 5     | Management                         | 03    |
| 6     | Chemical Engineering               | 10    |
| 7     | Chemistry                          | 09    |
| 8     | Civil Engineering                  | 20    |
| 9     | Computer Science &                 | 15    |
| 9     | Engineering                        | 17    |
| 10    | Energy Centre                      | 07    |
| 11    | Electrical Engineering             | 16    |

| S. No | Department                     | Total |  |  |
|-------|--------------------------------|-------|--|--|
| 10    | Electronics & Communications   | 20    |  |  |
| 12    | Engineering                    | 20    |  |  |
| 13    | Humanities and Social Sciences | 08    |  |  |
| 14    | Management Studies             | 08    |  |  |
| 15    | Materials & Metallurgical      | 08    |  |  |
| 13    | Engineering                    | Uo    |  |  |
| 1.6   | Mathematics, Bioinformatics &  | 1.4   |  |  |
| 16    | Computer Applications (MBC)    | 14    |  |  |
| 17    | Mechanical Engineering         | 22    |  |  |
| 18    | Physics                        | 09    |  |  |
| _     | Total 200                      |       |  |  |

2. PT-Internal
3. PT-Sponsored
4. PT-Project
6 (Without Institute Fellowship) No Seats Limit
7 (Without Institute Fellowship) No Seats Limit
8 (With Fellowship) From the Project No Seats Limit

Note: Institute reserve the right to change the seat allocation as per the selection of candidates for admission

#### **6.** Reservation / Relaxation

Presently, a relaxation of 5% in marks or 0.5 in CGPA is applicable to all category of Full-time and Part-Time admissions (*Table-I*) for SC/ST/PWD candidates, Any modification in all or anyone admission category of Table-I, shall be notified on Institute website after due approval from the competent authority. Category-reservation of PwD/SC/ST/OBC/EWS is as per prevailing GOI norms.

#### **7.** Admission Procedure

Application forms for Ph.D. will be made available by the Admission Section with details notified on Institute website. The admission to PhD program shall be through entrance examination, which include written test followed by interview. The applicable procedure for admission to both FT and PT category may include written test and/or interview, which shall be notified in advertisement/institute website with due approval from Senate or Chairman Senate.

Eligible applicants from the organizations having MoU with the MANIT Bhopal will get the admission under sponsored category after having ascertained the eligibility (as per Table-I) by the DRPC committee. The basis of the admission under such category shall be Interview/interaction and there shall not be any written test. Final recommendation on the selection of the candidates shall be made by the Interview committee in cognizance with evaluation of presentation committee. Dean (Academic) shall get the final approval from the Director before forwarding the list of selected candidates

#### **8.** Fee Structure

Student taking admission in Ph.D. Programs shall abide by the fee structure as applicable from time to time, or as notified by the institute. All research scholars in Ph.D. programs will have to pay the prescribed fees which include admission fee, tuition fee and other charges as notified by the institute. Attached at Annexure D

#### 9. Registration Process / Desk Registration

All eligible candidates of FT/PT PhD program shall have to register in each semester by submitting requisite fee and Desk registration form by stipulated date. The PhD scholars shall begin research journey by registration in course work to be completed in maximum of 02/04consecutive semesters by FT/PT scholars, respectively. Moreover, a scholar specific 'Student Research Progress Committee (SRPC)' is also required to be constituted immediately after the allotment of supervisor to the candidate. The SRPC has well-defined constitution in **section 1.6** and supervisor as a convener must conduct one meeting in every semester to assess six-monthly progress of the research work. The SRPC report is mandatory for desk registration. The desk registration may be pending due to following exigencies:

- a) If a candidate fails to deliver a SRPC presentation and the supervisor submit a SRPC report to the Academic Section through HoD with comment "Not Reported".
- b) If the candidate fails to deliver SRPC presentation or gets "Not Satisfactory" SRPC progress reports in two successive semesters, his registration shall liable to be canceled.

#### 10. Admission Withdrawal/Cancellation

If a PhD scholar at any point of time choose to cancel/ withdraw his admission, he has to refund the entire amount of Teaching Fellowship drawn from the Institute and his candidature for PhD re-admission shall not be considered for the next 03 Academic years. In addition, if a PhD scholar is found to have been registered concurrently for any other degree program at any other

Institute / University, his registration as PhD scholar shall be canceled and he will be expelled from the Institute with due public notification.

All Ph.D. students are required to register in every semester after paying the requisite fee. If a student does not register for two consecutive semesters, his/her admission will stand canceled.

#### 11. Place of Work

Candidates registered as research scholar in all FT categoryin Table-I shall have their place of Research work at MANIT, Bhopal.

For candidate registered under **PT-Sponsored** category may have their workplace at the sponsoring Institute/Organization (parent institute/Organization), if the parent Institute/Organization has the requisite research facility with due recognition from MANIT authority (DRPC). The recognition will depend on the state of art facilities available in the area of proposed research. The details of such research facilities available in the parent organization shall need be furnished by the candidate at the time of raising application for admission to Ph.D Program. The DRPC shall examine the details as furnished by the applicant, and may ask for further information, or may even collect first-hand information from other sources. Once DRPC is fully convinced about the adequacy of the available research facilities, the parent institute/organization of said scholar may be recognized as his place of work under **PT-Sponsored** category.

#### **12.** Entitlements and Obligations

Research scholars of the Institute are entitled for financial support under various heads/government schemes. The entitlement for financial support is mainly available to scholars who are admitted under admission-category **FT-Institute**, or **PT-Project**. In addition, all PhD scholars are expected to uphold the optimum standard of conduct & discipline in the Institute and in public places. Any breach of conduct rules may fetch regulation and punishment. The subsections below outline all applicable benefits entitlements, conduct rules and potential repercussions in case of breach.

#### **13.** Fellowship Entitlement

Candidates admitted for doctoral degree program as **FT-Institute or PT-Project** are initially eligible for **Fellowship** for a period of **03 years**, which is further extendable to maximum 05 years based on the performance of PhD scholars. The registered scholars under **PT-Project** will get fellowship through Projects or through QIP, CSIR, AICTE, UGC, DAE, DST, or any other

equivalent institute/agencies as per applicable norms. These scholars are not eligible for any other financial support from the institute. The candidate shall be registered under **PT-Project** category in those projects only, which guarantee a minimum 03 year fellowship from the funding agency. Moreover, such student shall have to undergo same admission procedure as mandated for admission category **FT-Institute**.

Under **Fellowship** scheme, the PhD Students are required to contribute/assist in teaching/research, or any other co-curricular activities as assigned by their respective HoDs with a minimum workload of up to 8-hours per week. The continuation of fellowship is contingent upon satisfactory performance, as evaluated by both their supervisor and department head. Initially, the normal duration of fellowship is 03 years, which may further be extended in-parts subjected to satisfactory performance and upon recommendation of DRPC and subsequent approval of the institute authority. The **Fellowship** benefits commence from the date of enrollment in the PhD program in the respective department.

Numbers of seats available across all streams shall be as per the approved government norms. It shall also be governed by the financial implications/available budget and availability of disciplinewise faculty as prospective guides. However, the numbers of seats for Part-time Ph.D. program is variable and shall be decided by the senate-mandate based on the availability of the supervisors.

The admission category eligible for **Fellowship** is tabulated in Table-I. The scholarship offered by other government/ private funding agencies like QIP, UGC, CSIR will be governed by their own respective norms. Continuation of the **Fellowship** is contingent upon satisfactory academic performance and discharge of responsibilities assigned to the scholar under the governing scheme.

The Fellowship may cease under following cases:

- a) Giving false/ fake information at the time of application/ admission.
- b) Failure in obtaining minimum CGPA required for completing coursework.
- c) Not registering for a semester or not depositing requisite registration fees within a stipulated period.
- d) Not delivering SRPC seminar in scheduled time (six monthly report).
- e) Not conforming to prescribed code of conduct or violating Institute discipline rules.
- f) Research progress report with comments "1S/Not Reported".
- g) Remaining Absent without prior information/permission for more than 03 months.

Application for extension of fellowship beyond 3 years may be considered, only if the scholar has published at least one *SCI / SCIE / SSCI* Journal paper <u>OR</u> two Scopus indexed papers in Journals <u>OR</u> three papers in Scopus indexed in international conferences <u>OR</u> two book chapters from reputed international publications as first author. Only those papers/publications shall be counted in which applicant is the first author and the publication-year commensurate with the registration tenure of PhD scholar in the institute.

Application for fellowship extension beyond 03 years may be considered by Chairman Senate if it is duly recommended by both DRPC and Dean (AA). Such extension shall be in-parts on half-yearly (06 months) basis for maximum duration of 5 years <u>OR</u> till the date of thesis submission, whichever falls earlier.

#### **14.** Leave Entitlement

Ph.D. students shall be governed by following leave rules with continued financial assistance:

- a) Casual Leave: 15 days (*Maximum 05 days at a time*) in one academic year (01 July 30 June) as per Ministry of Education (MoE) order F.No.17-2/2014-TS-I dated 18 Feb.2015 or any subsequent changes from time to time.
- b) **Maternity Leave**: The female PhD-scholar is eligible for maternity leave as per prevailing institute rule/as per Government of India norms.
- c) Academic leave: This entitlement of leave is for attending conference/seminar/symposium/ field work or training program and may be for maximum duration of 15 days per academic year with a maximum of 2 months during the total duration of Ph.D.
- d) Medical Leave: PhD scholars having genuine medical issues can be sanctioned medical leave up to maximum of 30 days over the entire duration of PhD and maximum 10 days in an academic year., if applied through proper channel. Under special case of acute medical emergency, the duration of the sanctioned leave may also exceed 10 days in that academic year upon the recommendation of Institute medical officer and subsequent approval by chairman Senate, which may vary on case to case basis.

#### **15.** Seminar/Conference Entitlement

PhD scholars are entitled to have financial support from institute for presenting papers in seminars/conferencesin online/offline mode. The entitlement shall be maximum uptoRs.15,000/- (*Rupees Fifteen thousand only*) per scholar per academic year. The financial entitlement shall cover inland travel by train up to 3<sup>rd</sup>AC, registration fee, and limited boarding

and lodging expenses(*maximum up to Rs 3000/*). Only full-time Ph.D. scholars can be considered eligible for financial support in following categories of conferences:

- a) Conferences approved by the CPDA committee of the Institute.
- b) Conferences conducted at IITs, NITs, IIMs, IISc, and other CFTIs.
- c) Conferences whose papers are published in SCI/SCOPUS indexed Journals/ Web of Science.

In addition to above, research scholar may also apply for availing financial support from any other government agency. Such application to funding agencies shall be forwarded by the institute if same is routed through departmental DRPC with due recommendation. The research Scholar can also avail financial support from sponsored research/consultancy projects of his/her supervisor(s). The recommendation from the supervisor should include the research and consultancy project and mention clearly the type of funding envisaged. In case, fund is not available from R&C projects, the research scholar may then approach Institute for appropriate financial support. Such application shall be duly recommended and forwarded by the concerned HOD to Dean (R&C) or Dean (Academic Affairs) for final approval from chairman Senate.

The institute also promote physical participation of research scholars in international conference abroad. All PhD scholars who publish 02 numbers of SCI/SCIE/SSCI Journal papers during the course of doctoral program shall be eligible for this financial support. The financial entitlement under this category shall be maximum up toRs. 50,000/-. The support may include conference registration fees, travel and other incidental expenses.

Furthermore, research scholar is also entitled to avail maximum incentive of Rs.20,000/- for high class publications in SCI (Q1) class of Journal. This one-time incentive can be utilized for attending a conference of repute (whose papers are published in SCOPUS Journals or approved list of conferences). The incentive covers conference registration fees, travel and other incidental expenses.

#### **16.** Course Structure

It is mandatory for PhD scholars to earn prescribed credits for completing the coursework within the designated program duration. The course structure outlines all specific rules for getting credit requirements fulfilled within designated duration; the skeleton & details thereof are narrated in following subsections.

#### i. Program Duration

For all full-time PhD scholars, the minimum duration for submitting PhD thesis will be 03 years with fellowship, which may be extended upto maximum of 05 years upon recommendation of DRPC. Subsequent extension would be on six-month basis upon DRPC recommendation of the concerned department and subsequent approval by chairman Senate. The candidate will have to register continuously without break for all extended duration of six months by way of submitting due charges/fees and completing the applicable registration process e (applicable for both full time and part time PhD program).

a)

In addition, there will be minimum 02-years residential requirement for all full-time research scholars. After completing residential requirement of 02 years, if a research scholar wishes to continue PhD as Part-time scholar, he/she may do so if minimum 02 SRPC seminar & RDC have been completed within the residential period. For scholars admitted under *PT-Sponsored* category, the minimum residential requirement shall be 06 months or until course work is completed. These scholars shall however be permitted to carry on their research during evening hours, weekends & holidays in MANIT after fulfilling minimum residential requirement with mandatory Course work completed.

The minimum permissible duration for Part-time Ph. D. program is 04 year, which under normal circumstances exceeds by one-year from the corresponding Full-time Ph.D. Program. However, there is no prescribed maximum time-limit of for thesis submission of both FT/PT programs. However, it is mandatory for the research scholar to register in each semester of extended duration without break.

#### ii. Course Credit Requirements

It is mandatory for PhD scholars to earn prescribed credits for completing the coursework within the designated program duration. The distribution of credits for PhD program shall be as per *Table-II* below:

**Table II:** Credit requirements

| Semester I/II | Credits               |                                   |             |  |  |
|---------------|-----------------------|-----------------------------------|-------------|--|--|
|               | MCA/M.Sc/MBA/<br>M.A. | M.Phil/M.Tech./M.<br>Arch/ M.Plan | B.E./B.Tech |  |  |

|                |             |             | B.Arch.     |
|----------------|-------------|-------------|-------------|
|                |             |             |             |
| Minimum        | 15          | 12          | 24          |
| credit for the | (5 courses) | (4 courses) | (8 courses) |
| Course work    |             |             |             |
| 2 Seminars     | 4           | 4           | 4           |
| Total Credits  | 19          | 16          | 28          |

The minimum CGPA to clear the course work will be 6.5. The grading pattern of coursework will be the same as per prevailing scheme of PG programs/NPTEL. The credit requirements for completion of course work is same for both FT and PT admissions, however PT scholars may complete the coursework within the span of 02 years.

Following are established norms of the course work to be taken by part time Ph. D. candidates admitted in July - 2024.

- 1. Candidates may opt NPTEL/SWAYAM courses to complete their course work.
- 2. Candidates may attend the part time classes in the evening (6.00pm onwards) as scheduled by concerned Department.

Candidates may attend the full-time classes with regular classes provided who has their parent Organizations permission for 180 days leaves.

The Part-time PhD scholars may opt any courses from ongoing Full-time and Part-time PG programs after due recommendation from supervisor and subsequent approval by DRPC. However, if the recommended course is not being offered in the current-running semester or not a part of existing PG scheme, then such courses may be availed as NPTEL course, if available. For registration in NPTEL courses, prior approval from Chairman DRPC and Dean (Academic) is required. Once coursework is completed, the supervisor of the candidate shall convene SRPC meeting to assess the research progress of the scholar, with minimum frequency of once in each semester. The SRPC of PT scholars shall bear same form and function as it is applicable for FT scholars.

Moreover, Part-time Ph.D. scholars are required to remain in regular touch with their supervisor(s) throughout the program duration. They are also expected to attend the institute for a duration of at least two weeks either at a stretch or in-parts in every semester to complete all

stipulated program requirements, including but not limited to research discussions, the SRPC meetings, RDC meeting, Seminars, etc.

#### iii. Failure in Courses

The candidate should complete the course work in a maximum of 02 semesters (*one year*). Student failing in course work may rewrite/reappear in the exam only once after due permission from Dean (AA) & Chairman Senate.

#### iv. Failure in Seminar

If a student does not submit the seminar report and remain absent in the Seminar on the scheduled date, he will be awarded 'F' grade unless the extension of date is granted by the chairman senate.

### **17.** Research Supervision

Each PhD scholar enrolled in the designated program will be allocated a supervisor, who is a faculty member of the relevant degree-imparting or supporting department or center.

# All the scholars register for Ph.D Program shall be govern by the Ph.D Ordinance 2024 and amendments if any

#### **18.** Application Procedure:

Applications are invited for Ph.D. Programme in the Departments as listed in point no. 2:

- a) The application form can be filled from http://erp.manit.ac.in/ext/adm/login

c) No individual communication via postal or e-mail shall be made regarding the written test and/or interview of the institute. The schedule of the selection process will be displayed on the institute website only, after initial scrutiny of the application forms. Candidates are advised to visit the institute website regularly for further updates.

#### d) List of Essential Documents:

- (i) If applicants have applied for multiple departments, the priority list of the choice of department duly signed must be submitted on the specified institute format to be made available at the time of interview..
- (ii) 10th Class Marksheet
- (iii) 12th Class Marksheet
- (iv) Graduation Marksheets (All semesters)
- (v) Graduation Degree Certificate
- (vi) Post Graduation Marksheets (All semesters)
- (vii) Post Graduation Degree Certificate / Completion Certificate
- (viii) Experience Certificate and NOC
- (ix) Publication details, if applicable
- (x) Experience, if applicable
- (xi) Fee receipt copy.
- (xii) Any other relevant documents

#### 19. Selection Procedure

The selection will be based on the candidate's academic research profile and following criteria:

| Weightage of written test                               | 70% |
|---|-----|
| Weightage of Interview (if found eligible for research) | 30% |

**NOTE:** Qualifying in GATE / NET is not mandatory, but the institute, on its sole discretion, may relax the requirement of written test and/or interview in such cases. The same criterion will be applicable to candidates with a valid GATE / NET score.

Written Test: For each department, admission test of total two hours shall be conducted as per syllabus (will be available on Institute website):

No TA/DA will be paid for attending the written test &/or Interview.

#### **20.** Tentative Schedule:

| S.No. | Tentative Schedule                      | Dates for Full                         | Dates for Part Time |
|-------|---|--|---------------------|
|       |   | Time (A)                               | <b>(B)</b>          |
| 1.    | Last Date of form submission            | 16/05/2025                             | 16/05/2025          |
| 2.    | Date of written test                    | 27/05/2025                             | -                   |
| 3.    | Date of Interview                       | 27/05/2025                             | 29/05/2025          |
| 4.    | Result Declaration on institute website | 06/06/2025                             | 06/06/2025          |
| 5.    | Admission Date                          | 23/06/2025                             | 24/06/2025          |
| 6.    | Start of Course work                    | 14/07/2025 or                          |                     |
|       |   | As per the Institute Academic Calendar |                     |

Institute reserves the right to change the schedule as per the prevailing conditions.

Please visit regularly the Institute website <a href="www.manit.ac.in">www.manit.ac.in</a> for further instructions & tentative schedule.

#### 21. Address for Communication

The hardcopy of the application along with the self attested documents and fee details should be received by speed post latest by 16/05/2025 to (any late receipt shall not be acceptable)

**Assistant Registrar (Academic)** 

Maulana Azad National Institute of Technology (MANIT),

Near Link Road no. 3, Bhopal (MP)-462003

Contact No. - 0755-4051055, 0755-4051056

**DIRECTOR** 

#### MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY

#### BHOPAL-462003 (M.P.)

## (An Institute of National Importance)

No Objection Certificate for Admission in to Ph.D. programme (Institute Employer)

| Reference No.:  | Date:                                       |  |  |  |
|---|---|--|--|--|
|   |   |  |  |  |
| It is certified that we have no objection if Mr./Mrs./Ms.   |   |  |  |  |
| Designation   |   |  |  |  |
| at this Institute as a Part                                 | Time (Internal).                            |  |  |  |
| If selected, he/she shall be allowed to attend classes/rese | earch work, without affecting normal duties |  |  |  |
| assigned to him/her.  |   |  |  |  |
|   |   |  |  |  |
| Signature of Head   | Signature of Director                       |  |  |  |
| (Department)  |   |  |  |  |

# Certificate from the employer for Sponsored candidates to be issued on EMPLOYER'S letter head

| 1.   | Nam    | ne of the Employee :                        |             |   |
|------|--------|---|-------------|---|
| 2.   | Туре   | e of Organization:                          |             | Industry  |
|      |        |   |             | Research Organization                                   |
|      |        |   |             | Academic Institutions                                   |
| 3.   | Add    | ress of Administrative :                    | _           |   |
|      | Offic  | cer/HR Manager                              | _           |   |
|      |        |   | Pł          | none :Fax:  |
|      |        |   | Eı          | mail :Mob   |
| 4.   | Desi   | gnation of the Employee:                    |             |   |
|      | seek   | ing admission in MANIT                      |             |   |
| 5.   | Fully  | y Sponsored/ Under MOU                      | <b>:.</b> . |   |
| 6.   | Emp    | loyment Details :                           |             |   |
|      | a)     | Total Job Experience onMonth                | the last    | date of application submissionYears                     |
|      | b)     | First joined on :                           | •••         | DateMonthYear   |
|      | c)     | Holding the present : position since (date) | ••          | DateMonthYear   |
|      | c)     | Nature of Job :                             | _           |   |
|      |        | (R & D, 1                                   | Design,     | Production, Marketing, Administrative, Teaching)        |
| This | is to  | certify that, Mr/Ms                         |             | employed as   |
|      |        | in this o                                   | organiza    | tion in regular capacity, is permitted for admission to |
| _    |        | =   |             | T, Bhopal as Full Time/Part Time                        |
|      |        |   | _           | tion for the past years in a regular cadre. If          |
|      |        | •   |             | is/her undergoing Ph.D Programme under Sponsored        |
| _    | •      | -   |             | ed, shall be allowed to attend the classes during day   |
| time | during | his/ her Ph.D program cour                  | se work     |   |
|      |        |   |             |   |

Signature of Applicant

Page **22** of **23** 

### Annexure C

## MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY

# BHOPAL-462003 (M.P.) INDIA

(An Institute of National Importance)

| No objection Certificate for Admission to Ph.D. programme (Project)  |                        |  |  |  |  |
|--|------------------------|--|--|--|--|
| Reference No.  | Date:                  |  |  |  |  |
| Sub.: No Objection Certificate   |                        |  |  |  |  |
| Dear Sir,  |                        |  |  |  |  |
| project staff, under the project (title of the position), in the Department of   | Designation            |  |  |  |  |
| If selected, we shall allow him/her to attend classes/research work under the said project at Maulana Azad National Institute of Technology Bhopal during the Ph.D. programme without affecting normal project work assigned to him/her. |                        |  |  |  |  |
| Signature of Project Investigator  | Signature of Dean(R&C) |  |  |  |  |

Annexure D

# MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY BHOPAL

| FEE STRUCTURE FOR Ph.D (2025-26)   |                       |                         |  |  |
|--|-----------------------|-------------------------|--|--|
|  | Ph.D (Full Time)      | Ph.D (Part Time)        |  |  |
| Description  | Institute/ JRF / Self | Institute/Internal/     |  |  |
| •  | Finance/ Sponsored    | Sponsored/Project /     |  |  |
| Tuition Fee  | Semester Fee          | Semester Fee            |  |  |
| Tuition Fee for all category   | 10,000.00             | 10,000.00               |  |  |
| Refundable Fee (All category)  |                       |                         |  |  |
| Institute Caution Money  | 5,000.00              | 5,000.00                |  |  |
| Onetime fee (Non refundable) (All category ) Taken at the time of admission) |                       |                         |  |  |
| Academic Fee (Including Degree, Migration ,                                  |                       |                         |  |  |
| Character & I Card)  | 2,000.00              | 2,000.00                |  |  |
| Alumni Fee   | 1,000.00              | 1,000.00                |  |  |
| Convocation Fee  | 2,000.00              | 2,000.00                |  |  |
| Medical/Admission Process Fee  | 600.00                | 600.00                  |  |  |
| Total onetime fee  | 10,600.00             | 10,600.00               |  |  |
| Other fees payable in e  |                       | yable in every semester |  |  |
| Poor Students fund   | 600.00                | 600.00                  |  |  |
| Student Medical Fund   | 400.00                | 400.00                  |  |  |
| Institute development fund   | 2,500.00              | 2,500.00                |  |  |
| Student activity fee   | 1,000.00              | 1,000.00                |  |  |
| Library fee  | 1,000.00              | 1,000.00                |  |  |
| Registration & Examination fee   | 1,500.00              | 1,500.00                |  |  |
| Central Computing facility & Internet fee                                    | 1,500.00              | 1,500.00                |  |  |
| Bus Fee/fare   | 400.00                | 0.00                    |  |  |
| Total other fees   | 8,900.00              | 8,500.00                |  |  |
|  |                       |                         |  |  |

Hostel facility is not available for Ph.D. students