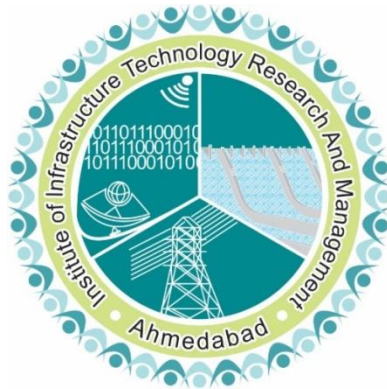


# Institute of Infrastructure, Technology, Research And Management, Ahmedabad

## Ph.D. Admission Policy



## 1. Admission Policy:

### A. Full-time (Regular) Ph.D. Programme

- (i) Sponsored Candidate [College teacher / Polytechnic teacher/ Employees of Government Organization / Employees of Public Sector Units]

Candidate(s) need to be sponsored by their employer(s) for doing research work at the Institute. They are expected to be released for fulltime course work and research at the Institute for a minimum period of three years. This category also includes the candidates who are released from Government organizations or educational institutions on study leave for a period not less than three years for doing research work at IITRAM. They will not receive any financial support from IITRAM. The sponsorship letter should be submitted at the time of interview.

- (ii) Self-Financed Candidate

Any candidate fulfilling the eligibility criteria for Ph.D. admissions can apply as Self-Financed candidate. These candidates have to complete their programme within the prescribed time without any financial support from IITRAM.

- (iii) Fellowship Awardee (FA)

Candidates under this category are necessarily financially supported under various Govt. / Semi Govt. schemes (QIP, CSIR, UGC, DAE, DST, DBT, NBHM, SHODH, etc.) and some other organizations (as per the norms of those organizations). They will not receive any financial support from IITRAM.

- (iv) Research Assistantship through Project (RAP)

Research fellow appointed in the sanctioned projects from various Government agencies, can apply to Ph. D. program of the Institute after following the due procedure under this category of admission. For any such project, the remaining duration of the project at the time of admission should be at least one year. The candidates under this category are eligible for Research Assistantship from the sanctioned project fund based on the following norms:

- For students with M.Tech. /M.E. or equivalent degree as the qualifying degree, the assistantship is payable only during the project duration. The monthly assistantship will be as per the project norms.
- The candidates admitted under this category are required to perform other academic duties as per the prevailing institute norms apart from their project work.
- The continuation of the assistantship will be subject to satisfactory performance of the duties assigned by the Academic Units as well as satisfactory academic performance.
- Employees on the rolls (with pay) of any organization are not eligible for admission under this category.
- If the project gets completed before the student completes his/her Ph.D. programme, his/her category will be converted to that of SELF FINANCED unless he/she is granted an assistantship/fellowship from the Institute or any other agency.

## **B. Part-Time Ph.D. Programme**

### **(i) University / Institute / College Teacher:-**

Faculty members working in recognized academic institutions can apply under the Part-Time Ph.D. programme.

- The competence of these candidates will be assessed along with the regular candidates.
- Place for research will be treated as IITRAM even though candidates may be carrying out part of the work at their parent Institute.
- NO OBJECTION CERTIFICATE (NOC) from the employer must be submitted, giving an undertaking that the candidate would be relieved from the normal duties to fulfill the coursework requirements (and comprehensive examination, if applicable), along with the application.
- The candidates selected under this category shall not be entitled for any financial support from IITRAM.
- The Candidates are required to fulfill the coursework requirement (and comprehensive examination, if applicable) of the Ph.D. Programme which is likely to be for a minimum of one semester.
- After fulfilling the mandatory requirement of course work, these candidates will be allowed to register for Ph.D. with a Supervisor from the Institute. Appointment of external co-supervisor is optional based on recommendations of the supervisor and academic review committee's recommendation and acceptance of external supervisor by the Academic Council.

Prospective candidates satisfying the eligibility criteria are advised to acquaint themselves with the research areas / topics of the faculty members of Institute for suitable match of interest, before applying.

### **(ii) Institute Staff at IITRAM (IS)**

- This category is for the persons employed as Institute Staff at IITRAM & fulfilling the minimum eligibility criteria for Ph.D. admissions.
- The candidate should have been employed as Institute Staff for at least 2 years for full time (before the starting of the semester in which admission is sought).
- The concerned academic unit will shortlist the eligible candidates. Admission will be on the basis of written test and interview as applicable to the regular Ph. D. programme.
- If selected, the permanency or otherwise of the candidate will not come in the way of admission process.
- If an employee admitted under this category stops serving as Institute Staff while pursuing the degree, then he/she cannot continue under this category but may be considered under the SF category, in regular Ph. D. programme.
- The shortlisted candidates should produce a letter of recommendation from the Head of the Department / Coordinator at the time of interview.

### **(iii) External (EX)**

- The candidates employed in an organization/industry with R&D facility and desirous of pursuing Ph.D. programme while in employment may apply for

admission as external candidates. After fulfilling the residential requirement and completing the course work at the Institute, these candidates will be allowed to register for Ph.D. with a Supervisor (internal) from the Institute and a Co-supervisor (external) from their parent organization where they will be doing the research work.

- The candidate should submit the Sponsorship Certificate from the organization in which s/he is employed giving an undertaking that the candidate would be released from the normal duties to fulfill the residential requirement for the coursework (and qualifier examination, if applicable) at the time of test/interview. The certificate should also provide details of facilities relevant to the research programme and available to the candidate.
- The candidate is required to be at the Institute as a fulltime student for the coursework. The minimum residential requirement is of one semester duration for students with M.Tech./M.E. and two semesters for M.Sc./M.Com. or equivalent degree. Depending on the student's background and the programme requirements, an additional semester may be needed to complete the coursework/qualifier examination.
- To promote interaction between the internal supervisor and external co-supervisor, meetings between them should be arranged at least twice in a year in the Institute or in the sponsoring organization.
- The Ph.D. registration of an external candidate would be reviewed at the end of each semester from the date of registration in terms of his progress in courses / seminars / approved research programme by a Research Progress Committee (RPC).
- The option of external registration is for applicants who are working in well-equipped scientific institutions, laboratories, R&D establishments and industrial organizations engaged in research based activities. Persons working in colleges/universities are not eligible under this category (they may apply under CT).
- At the time of joining the programme, the students will have to produce a certificate from his / her employer that he / she has been fully relieved from normal duties during the semester(s) to complete the course work and other academic work at IITRAM.

## **2. Minimum Eligibility Criteria, for Regular and Part-Time Ph.D. Programme:**

Candidate shall possess the following in appropriate subject areas:

### **i) Engineering / Technology:**

Master's degree in relevant subject of Engineering / Technology with First Class\* (55%\*\* marks for SC/ST) and Bachelor's degree in relevant subjects of Engineering / Technology with First Class\* (55%\*\* marks for SC/ST).

OR

Bachelor's degree in engineering (B.Tech.) (4-year programme) with a minimum of 8.0 CPI & equivalent.

ii) **Basic Sciences:**

Master's degree in relevant subjects of Science / Engineering with at least 55% marks (50% \*\*\* marks for SC/ST/Differently abled)

iii) **Humanities and Social Sciences:**

- M. A. or equivalent degree in Humanities and Social Sciences subjects with 55%\*\* marks for general category (50%\*\*\* for SC/ST)

OR

- Master's degree in commerce with 55%\*\* marks for general category (50%\*\*\* for SC/ST)

OR

- M.Sc. or Equivalent degree in Science with First class\* or 60% marks (55%\*\* for SC/ST)

OR

- Candidates with two years of PGDM from recognized institutions will be considered for the research areas consistent with their academic background.

**Note:** \*For deciding First Class, the student must fulfill one of the following conditions:

1. A degree of university mentioning first class.
2. A minimum of 60% marks in final year.
3. A minimum of 60% aggregate of all years or as specified by the university.
4. A CPI of 6 (out of 10) or proportional requirements when scales are other than 10.

For deciding 55%\*\*/ 50%\*\*\*, the student must fulfill one of the following conditions:

1. A minimum of 55% / 50% in final year.
2. A minimum of 55% / 50% aggregate of all years or as specified by the university.
3. A CPI of 5.5 (out of 10) / 5 (out of 10) or proportional requirements when scales are other than 10.

For candidates satisfying minimum eligibility criteria, following additional credentials (as applicable) are desirable:

- Any Research Fellowship from UGC-NET (including JRF) / UGC - CSIR NET (including JRF) / SLET / GATE / teacher fellowship holder or have passed M. Phil programme.

### 3. Course Credit Requirements:

Sr. No.	Particulars	Credit requirement
1	Research Scholar admitted to Engineering / Technology Departments	Minimum 14 credits
2	Research Scholar admitted to Basic Sciences / Humanities and Social Sciences Departments	Minimum 16 credits

**Important Academic Requirements:**

- All research scholars in Engineering, Basic Sciences & Humanities and Social Sciences have to earn minimum 6 credits from core theory subjects.
- Minimum one semester course work at IITRAM is mandatory in the first year of admission.
- Ph. D. programme shall be for a minimum duration of three years, including course work and maximum of six years.
- The women candidates and persons with disabilities (more than 40% disability) may be allowed a relaxation of two years in the Ph. D. maximum duration. In addition, the women candidates may be provided Maternity Leave / Child Care Leave once in the entire duration of Ph. D. up to 240 days.