



भारतीय सूचना प्रौद्योगिकी, अभिकल्पना एवं विनिर्माण संस्थान, कांचीपुरम

Indian Institute of Information Technology,
Design and Manufacturing (IIITD&M) Kancheepuram
(An Autonomous Institution under MHRD, Govt. of India)
Chennai – 600 127

TEL: 91-44-2747 6300

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Ph. D ADMISSION BROCHURE

1. THE INSTITUTE

The Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram (IIITD&M) was established in 2007 by the Government of India as a Centre of Excellence in the emerging areas of Design and Manufacturing. The Institute is located in Chennai - 600 127. This research cum residential campus is about 30 km from Chennai's International Airport.

2. ABOUT RESEARCH PROGRAMMES

The Institute offers Ph.D. programmes in the disciplines of Computer Science and Engineering, Electronics Engineering, Mathematics, Mechanical Engineering and Physics. Strong expertise exists among the faculty on both the theoretical and experimental methods of research.

3. Ph.D ADMISSION

3.1 Admission with Financial Assistance (HTRA):

The scholars admitted to the Ph.D. programmes under the regular scheme (Fulltime) are eligible for the Half-time Teaching/Research Assistantship (HTRA) under the following regulations:

- The scholars should work for 8 hours per week to earn this assistantship.
- Renewal of assistantship every semester will be contingent on enrolment, satisfactory progress in research work and good performance during the preceding semester in the discharge of responsibility as teaching/ research assistant.

a)	In Engineering for those with Master's Degree in Engineering	Rs.18,000/- p.m. for first 2 years & Rs.20,000/- p.m. for next 2 years
b)	In Engineering for those admitted directly with B.E / B.Tech degrees	Rs.16,000/- p.m. for first 2 years & Rs.18,000/- p.m. for next 3 years
c)	In Sciences	Rs.16,000/- p.m. for first 2 years & Rs.18,000/- p.m. for next 3 years

3.2 Admission without Assistantship (NHTRA):

The candidates may also be considered for admission to the Ph.D programme without assistantship (NHTRA) under Regular (Full time) / *External* / *Internal (Project / Staff)* categories.

Candidates applying for Regular (Full time) PhD programme have to enclose a letter along with the Application Form stating that they may be considered for admission even without assistantship (NHTRA).

The eligible qualifications for NHTRA -External candidates are:

Must belong to any one of the following category

- (i) Industry/Organization having R&D facilities and recognized by DST, GOI or IITM
- (ii) National Research Laboratories
- (iii) Reputed Universities / Colleges
- (iv) Public / Private sector

For candidates under External category:

- (i) Minimum residential period is one semester
- (ii) The parent institute must have sufficient research facilities to carryout research work in the area of research the candidate has registered

3.3 Selection Procedure:

Eligible candidates possessing the minimum educational qualifications (as given in Section 5) and satisfying additional and stiffer criteria set by the institute from time to time will be called for test/ interview.

Based on the academic record and the performance of the candidates in the interview and/or test, the Selection Committee will recommend to the Chairman, Academic Advisory Committee the names of candidates found suitable for admission to the Ph.D. programme.

3.4 Reservation of Seats

Reservations are applicable to SC/ST/OBC/Candidate with Physical Disability (PD) as per the rules and regulation of the Govt. of India.

3.5 Fee Structure

The Fee structure for the Ph. D Programme is given in *Annexure A*.

3.6 TA for attending Interview for Ph.D programme

Outstation candidates called for Ph.D. interview under the regular (full time) category will be paid a second class single to & fro rail fare from their place of residence to Chennai by the shortest route. A candidate is entitled for a single TA as above even if he/she may attend interview in more than one discipline in the same trip.

3.7 Completion of the Qualifying Degree and production of Provisional Certificate

Candidates joining Ph.D. programme in January 2014 have to submit their original mark/grade sheets along with provisional certificates at the time of admission. They should also produce their required degree certificate for having passed the qualifying examination within three months from the date of registration i.e. on or before 31st March 2014.

3.8 Documents to be enclosed along with the Application Form:

- (a) The completed Application form should accompany a DD for Rs. 250 (Rs.125for SC/ST/PD/Female Candidates).DD should be in favour of 'The Registrar, IIITD&M Kancheepuram', payable at Chennai.
- (b) Copies of all the Mark sheets / grade cards, degree certificates beginning from first degree towards proof of qualification. [Original certificates should not be enclosed].
- (c) Copy of the Community Certificate in the case of SC/ST/OBC candidates issued by the respective State Government. The OBC candidates have to submit an attested copy of the valid non-creamy layer certificate in the prescribed form issued by competent authority.
- (d) Authorised Doctor's Certificate with disability descriptions in the case of Person with Disabled (PD) candidates.
- (e) Copy of the valid GATE score or NET (UGC-JRF/Lectureship/CSIR/ DAE-JEST) or other fellowship award, as the case may be.

3.9 Whom to send filled in application:

The completed Application with the aforementioned enclosures superscribed as "Application Form for Ph.D. Programme" should be sent to

To The Registrar Indian Institute of Information Technology Design and Manufacturing, IIITD&MKancheepuram, Off VandalurKelambakkam Road, Nellikuppam Road, Melakkottaiyur Village, Chennai - 600 127.	For any clarification, contact Telephone:(044) 2747 6300 Fax: (044) 2747 6301 Email : admissions@iiitdm.ac.in Website: http://www.iiitdm.ac.in
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4. MINIMUM EDUCATIONAL QUALIFICATIONS FOR ADMISSION

4.1 Minimum Educational Qualifications for Ph.D Regular (full time):

Ph.D. in Engineering:

- a) Candidates with a Master's degree in Engineering/Technology (ME/MTech/ M Des)with a good academic record or a Master of Science (MS) degree by Research in Engineering/Technology with a good academic record. (Also refer to sec 5.1)
- b) Candidates with Master's degree in Sciences with a good academic record and of exceptional merit where eligible, for the relevant Engineering discipline and with a valid GATE score or UGC/CSIR NET/NBHM or equivalent qualification in the relevant area tenable for the year of registration.

In the case of candidates with more than 5 years relevant experience after the Master's degree, the requirement of a test score may be waived by the Selection Committee.

c) Candidates who have qualified for the award of Bachelor's degree in Engineering/Technology with exceptionally good academic record in an eligible discipline will be considered for direct admission to Ph.D. Programme as a regular full time scholar subject to the following conditions:

- A B.Tech degree holder from IIT/IIT with a minimum CGPA of 8.0 on a 10 point scale and with a valid GATE score
- A Bachelor's degree holder in Engineering/Technology from any other University should be among the top 10 rank holders in the University and having a valid GATE score
- A Bachelor's degree holder in Engineering/Technology from a reputed R & D organization with excellent research record

4.2 For candidates under NHTRA category

The minimum educational qualifications are the same as prescribed for Regular (full time) category in 4.1 for admission to the Ph.D. Programme in the respective categories.

5. ELIGIBLE DEGREES FOR ADMISSION TO Ph.D. PROGRAMME

5.1 Eligible Degrees for Admission to Ph.D. programme

Sl.No.	Discipline	Eligibility
1.	Computer Engineering	Master's degree in Engineering/Technology. Preference will be given to those with M.Tech/M.E/M.S degree in Computer Science & Engineering. (MCA / M.Sc / M.Phil are not eligible)
2.	Electronics Engineering	Master's degree in Electrical Engineering (Electrical and Electronics Engineering)/ Electronics Engineering (Electronics and Communication Engineering) / Instrumentation Engineering or Master's degree in Physics followed by a Master's degree in Engineering in an area of relevance to the area of research.
3.	Mathematics	Master's Degree in Mathematics/ Statistics/ Physics/ Computer Science with GATE/UGC/CSIR/NBHM or M.Tech (Industrial Mathematics & Scientific Computing) or any M.Tech degree with Master's degree in Mathematics/Physics/Statistics/ Computer Science.
4.	Mechanical Engineering	Master's degree in Mechanical Engineering, Aerospace Engineering, Automobile Engineering, Automotive Engine Tech, Energy Engineering, Industrial Engineering, Instrumentation, Maintenance Management, Metallurgical

Engineering, Production/ Manufacturing Engineering/ Mechatronics/ CAD/CAM/ CIM and in related areas depending on the research topics.

5. Physics

M.Sc/M.Sc (Tech) in Physics, Applied Physics, Materials Science with GATE/UGC/CSIR/NBHM or with M.Tech (Opto electronics/ Applied Optics/ Optical Communication or equivalent)

6. Accommodation

The students are provided accommodation in the boys/girls hostels in the IIITD&M campus located in the Vandalur - Kelambakkam road. The hostel rooms are furnished with a cot, a chair, and a writing table. Students are expected to bring their own bedding. Students residing in the hostels are provided with exclusive dining facility.

Important Dates

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|---|-----|-------------|
| • Last date for receipt of completed application
(downloaded copy with demand draft) | ... | 18 Nov 2013 |
| • Tentative dates of test/interview
(for short listed candidates) | | |
| ➤ Computer Science and Engineering /
Electronics Engineering | ... | 11 Dec 2013 |
| ➤ Mechanical Engineering /
Mathematics / Physics | ... | 13 Dec 2013 |

Selected candidates need to send their acceptance together with the fees for the first semester **on or before 27th Dec 2013** in person or by speed post.

Academic session will start from 1st January 2014.

Details of Fee:

Fee for the semester: Jan - May 2014:-

Ph. D Programme				
Jan-May 2014 Semester				
Category Particulars	For Hostellers		For Day Scholars	
	SC/ST Students	Other Students	SC/ST Students	Other Students
One time Fees	2750	2750	2750	2750
One time Deposits (Refundable)				
a. Institute & Library Deposit	2000	2000	2000	2000
b. Hostel Deposit	1000	1000	-	-
Semester Fees	4500	7000	4500	7000
Hostel Fees	7600	7600	-	-
Advance Dining charges per semester (Subject to actual)	10000	10000	-	-
Medical Insurance Premium (p.a.) (Subject to actual)	709	709	709	709
Total	28559	31059	9959	12459
This fee should be paid by a demand draft in favor of "The Registrar, IIITD&M, Kancheepuram" payable at Chennai and received at the IIITD&M Office in person or by speed post on or before 27/12/2013.				

Hostel is compulsory for all students. If exemption is permitted by the Registrar, then the day scholars have to pay the above Day Scholar fees.