



Admission to Part Time Ph.D. Program under Visvesvaraya PhD Scheme

Ministry of Electronics and Information Technology, Government of India has initiated “Visvesvaraya PhD Scheme for Electronics and IT” with an objective to enhance the number of PhDs in Electronics System Design & Manufacturing (ESDM) and IT/IT Enabled Services (IT/ITES) sectors in the country. For this objective, IIT Jodhpur invites applications for admission to part-time Ph.D. program for the Semester commencing in July 2019. The aim of this Ph.D. Program is to develop graduates having good knowledge and research training and interested to contribute in emerging areas of ESDM and IT/ITES. Major highlight of this scheme is that the candidate will be eligible for one time incentive of Rs 2,50,000/- on successful completion of the PhD.

Details of this program can be found from the following link:

<http://meity.gov.in/esdm/phd-scheme>

Admissions can be made in one of the following Departments. Department wise research areas for the admission are given below:

- 1. Computer Science and Engineering:** Deep Learning, applied machine learning, IoT, Cloud Computing, Smart Cities and Network Security, Software Engineering for AI systems, Image Processing and retrieval.
- 2. Electrical Engineering:** Microelectronics/Nanotechnology, Signal Processing, Sensors, Fiber Optics.
- 3. Mathematics:** Wavelet Analysis, Image Processing, Pattern Recognition, Machine Learning, Multimedia Security.
- 4. Mechanical Engineering:** Robotics

Detailed information about the research areas of Faculty Members in the above departments can be obtained from the Institute website at www.iitj.ac.in. The applicants are strongly encouraged to go through [profiles of Faculty Members](#) and to get familiar with their specialization and research interest.

A. Application Procedure

Applicants are requested to use the following link to fill and submit the application form online: https://oa.iitj.ac.in/OA_PG_ADMISSION/

For admission to the 2019-20 First Semester commencing in July 2019, this online link will remain active till 15 June 2019.

Applicants are required to pay the processing fee of Rs.300 for General and OBC applicants and

Rs.150 for SC, ST, and PD applicants *online* while submitting the application form.

In case of any query with respect to online application, candidates may contact Office of Academics (office_academics@iitj.ac.in) and other general queries may be directed to the offices of the respective departments (See Section G of this letter).

Applicants shortlisted for the written test and/or interview will be required to bring the final submitted application form duly signed along with a copy of GATE, NET, CSIR, UGC or NBHM (or equivalent) score card at the time of written test and/or interview.

Candidates having following eligibility criteria can be admitted as Part-Time Ph. D. student:

Students admitted in this category shall be a full-time employee of a recognized Institute, University or Organization. *The student shall not be eligible for any financial support, and needs to get her/his application forwarded by her/his employer. However, candidate will be eligible for one time incentive of Rs 2,50,000/- on successful completion of the PhD. No-Objection certificate from parent Institute is mandatory to be submitted at the time of interview.* The student shall complete the minimum course and residence requirements at IIT Jodhpur; she/he can undertake research at a location other than the Institute.

B. Eligibility for Admission

The eligibility criteria prescribed below are the absolute minimum. The Selection Committee may prescribe requirements over and above these. The relaxation for SC/ST candidates in the qualifying degree marks is as per MHRD rules.

(a) Ph.D. Program in an Engineering discipline

1. Applicants with a Regular Full-Time Master's degree in appropriate branch of Engineering namely M.Tech., M.E., M.Sc. (Engineering) or MS by Research with at least 60% marks or at least 6.5/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA). Such students are required to have at least 60% marks or 6.5/10 CPI or CGPA in Bachelor's degree.
2. Applicants with a Regular Full-Time Master's degree in Sciences with at least 70% marks or at least 7.0/10 CPI or CGPA with a valid GATE, CSIR, UGC or NBHM score card. Such students are required to have 70% marks or 7.0/10 CPI or CGPA in Bachelor's degree. Applicants should have taken Mathematics course(s) in undergraduate degree.
3. Applicants with a Regular Full-Time Bachelor's degree in Engineering with
 - (i) a B.Tech., B.E. or B.Sc. (Engineering) degree with at least 80% marks or at least 8/10 CPI or CGPA and a valid GATE score, and
 - (ii) a B.Tech. degree from any of the IITs with at least 8/10 CPI or CGPA OR a valid GATE Score Card.
4. Applicants with a Regular Full-Time Master's degree in Engineering from a University or an Institute abroad with at least 60% marks, 3.0/4 CPI or CGPA, or 8.0/10 CPI or CGPA.

(b) Ph.D. Program in Science discipline

1. Applicants with a Regular Full-Time Master's degree in Sciences with at least 60% marks or at least 6.5/10 CPI or CGPA with a valid GATE, CSIR, UGC score card or equivalent. Such students are required to have at least 60% marks or 6.5/10 CPI or CGPA in Bachelor's degree. Applicants holding a Regular Full-Time Master's degree in Engineering also are eligible to apply for Ph.D. Programme in Sciences with at least 70% marks or 7/10 CPI or CGPA. Again, such

applicants are required to have at least 70% marks or 7/10 CPI or CGPA in both the Bachelor's and Master's degree.

2. Applicants holding only Regular Full-Time Bachelor's degree in Engineering with
 - (i) a B.Tech., B.E. or B.Sc.(Engineering) degree with at least 80% marks or 8/10 CPI or CGPA and a valid GATE score card
 - (ii) a B.Tech. degree from any of the IITs with at least 8/10 CPI or CGPA OR a valid GATE score card.
3. Applicants with a Regular Full-Time Master's degree in Engineering from a University or an Institute abroad with at least 60% marks, 3.0/4 CPI or CGPA, or 8.0/10 CPI or CGPA.

(c) *Part-Time in any discipline:* Three years of relevant experience is needed for those with a Regular Full-Time M. Tech degree and five years of relevant experience is needed for those with a Regular Full-Time B.Tech. or M.Sc. degree. This category is only for those who are working in research labs or in similar institutions. *No-Objection certificate from parent Institute is mandatory to be submitted at the time of interview.* The student shall complete the minimum course and residence requirements at IIT Jodhpur; she/he can undertake research at a location other than the Institute. Please note that no financial assistance will be provided during the program under this category and the candidate has to fulfill the respective Minimum Eligibility criteria mentioned in the Section A and B, as the case may be. *However, candidate will be eligible for one time incentive of Rs 2,50,000/- on successful completion of the PhD.*

D. Reservation Policy

The norms of reservation for different categories shall be adopted as laid down by the Government of India.

E. Important Dates

Milestones	Tentative Date
Last date of filling online application form:	15 June 2019
Announcement of short listed applicants for the admission process	18 June 2019
Date of written test and/or Interview	25 June 2019

F. Communications

All communications related to Ph.D. admissions will be done only through email.

G. Whom to contact

In case of any query, the applicants may contact to the offices of the department, where they are applying to.

Department	Phone No.	Email
Computer Science and Engineering	0291-2801252	office_cse@iitj.ac.in
Mechanical Engineering	0291-2801302	office_me@iitj.ac.in
Electrical Engineering	0291-2801352	office_ee@iitj.ac.in
Mathematics	0291-2801252	office_mathematics@iitj.ac.in