

Information Brochure

Post Graduate Admissions

in

Doctor of Philosophy

July 2020

Ref no: IIITP/PhD/2020-21/2172

Dated: 30/07/2020



**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
PUNE**

I. Important Guidelines

- i. Please read the instructions given in the brochure carefully before filling up the application form.
- ii. Application Form & Information Brochure are available on the Institute website www.iiitp.ac.in
- iii. Eligible and interested candidates are required to submit the scanned copy of completely filled application form along with latest passport size photograph, self-attested copies of the certificates of educational qualifications, date of birth, experience, caste certificate, applicable fee etc. in a single pdf file to academics@iiitp.ac.in latest by August 30, 2020.
- iv. A non - refundable processing fee of Rs. 500/- (for GEN/OBC) and Rs. 300/- (for SC/ST/PwD) are required to be paid online directly to State Bank of India A/C No.- 38606829359, IFSC code – SBIN0011698, NIBM Road, Kondhwa of Indian Institute of Information Technology Pune.
- v. State/Central Government employed candidates are required to submit the No Objection Certificate (NOC) from the respective organization as per Annexure-I.
- vi. Applications with insufficient information/applications without prescribed fee receipt/applications received after the last date are liable to be rejected and will not be considered.
- vii. Final Year appeared candidates are also eligible to apply under suitable category provided that the candidate must submit the provisional degree on declaration of results.
- viii. Selection of candidates will be done on the basis of written test and/or Interview. No TA/DA will be paid for attending the written test and/or interview.
- ix. Shortlisted candidates should bring the following documents at the time of admission:
 - a. Photo ID Card
 - b. Hard copy of the application form submitted
 - c. Receipt of the processing fee
 - d. Thesis / dissertation / report / publications
 - e. Copy of certificates and mark-sheets along with originals and
 - f. Two passport size photographs
- x. Any queries related to admissions may be directed to academics@iiitp.ac.in

Last date for submission of completed application forms

August 30, 2020

II. About the Institute

Indian Institute of Information Technology Pune (IIIT Pune), is an institute of national importance set up under Act of Parliament (2017), with a view to develop new knowledge in information technology and to provide manpower of global standards for the information technology industry. IIIT Pune was established by Ministry of Human Resource Development, Govt. of India in 2016 on not for profit basis in public-private partnership (PPP) with Government of Maharashtra and industry partners. The Institute offers B.Tech and M.Tech and Ph.D. programmes through its Departments of Electronics & Communication Engineering (ECE) and Computer Science & Engineering (CSE).

The permanent campus of the Institute is being developed on a 100-acre land in the serene surroundings of village Nanoli situated on the banks of Indrayani river in Pune district. The present campus is situated approximately 15 km from Pune railway station in the leased premises of Trinity Academy of Engineering, Near Bopdev Ghat, Kondhwa Annexe, Yewalewadi, Tal. Haveli, Pune, with natural and calm surroundings perfectly required for research and higher education. IIIT Pune is a residential Institution and provides residential facilities to students on availability basis.

IV. Ph.D. Programmes:

The Doctor of Philosophy (Ph.D.) programme is aimed at assisting students in acquiring proficiency in their chosen area of research. The academic programme leading to the Ph.D. degree is broad-based and involves a course credit requirement and a research thesis submission. The Institute encourages research in interdisciplinary areas through a system of joint supervision and interdepartmental group activities. Research activities in IIIT Pune are carried out under the ambit of academic departments ECE, CSE, Mathematics and research centres (a) Centre of Robotics and Security in IoT Space, (b) Centre of Indian Languages and Computational Intelligence, (c) Centre of VLSI and Nanotechnology (d) Centre for Biomedical Engineering & Bio-informatics. With an aim to develop new knowledge in all aspects of teaching and research, IIIT Pune offers admission to the Ph.D. programme. IIIT Pune plans to develop world class research facilities in areas of Mobile Computing, Information Security, IoT, Robotics, Machine Learning, Speech & Image Processing, Medical Informatics, Cyber Physical Systems, Wireless Networks, VLSI Design and Nanotechnology.

a. General Eligibility Criteria

Computer Science and Engineering	B. Tech. / B.E. (with valid GATE score) in CSE/ IT or relevant area with a CGPA of at least 6.5 on a scale of 10 (or equivalent) or 65 %. OR M.Tech. /M.E. in CSE/ IT or relevant area with a CGPA of at least 6 on a scale of 10 (or equivalent) or 60 %.
Electronics and Communication Engineering	B. Tech./ B.E. with valid GATE score) in ECE/ EE or relevant area with a CGPA of at least 6 on a scale of 10 (or equivalent) or 60 %. OR M.Tech. / M.E. in ECE/ EE or relevant area with a CGPA of at least 6 on a scale of 10 (or equivalent) or 60 %.

* A 5% or 0.5 GPA on a scale of 10 relaxation shall be given to SC/ST/PwD applicants as per Govt. of India norms.

b. Admission Modes

Applicants who have qualified UGC/CSIR NET- JRF exam or have obtained INSPIRE PhD fellowship, will be admitted based on their performance in the entrance test and/or interview. The institute does not provide any assistantship or fellowship to such a student; however, they receive their fellowship from their supporting

organizations (UGC/ CSIR/ DRDO/ AICTE) etc. Candidates who are employed in institute or working on various Projects undertaken by the institute can also apply to Ph.D. programme.

Additionally, the candidate's sponsor from Industry/ Academic Institute/ Self Sponsor / Research organization etc satisfy any one of the following criteria:

- a) M.E./M.Tech in CSE, ECE or allied areas with minimum 1 year of documented working experience
- b) B.E./B.Tech in CSE, ECE or allied areas with minimum 3 years of documented working experience.

All candidates shall fulfil the general eligibility criteria.

V. Admission Procedure

Ph.D. candidates will be selected on the basis of written and/or interview. Merely satisfying the general eligibility criterion as well as criterion set for each admission category is no guarantee for being called for written test and/or interview.

Depending on the number of applications received and considering the constraints of time and other resources for conducting written test and/or interview, the academic units may put additional academic performance-based shortlisting criterion. No TA/DA will be paid for attending the written test and/or interview. The procedure will be as follows.

Eligible candidates are required to appear for the written test and/or Interview. Dates and timing will be communicated to the eligible candidates.

Syllabus for the Written test: The question paper for written test shall be based on GATE Syllabus for respective categories as follows (including but not limited to)

For Electronics and Communication Engineering Branch: Engineering Mathematics, Networks, Signals and Systems, Electronic Devices, Analog Circuits, Digital Circuits, Control Systems, Communications, Electromagnetics

For Computer Science and Engineering and Information Technology Branch: Engineering Mathematics, Digital Logic, Computer Organization and Architecture, Programming and Data Structures, Algorithms Theory of Computation, Compiler Design, Operating System, Databases, Computer Networks, Software Engineering

VI. Registration, Coursework and other requirements

The details regarding coursework, duration of programme, thesis etc. are provided in Ph.D. Ordinances and Regulations of the Institute.

VII. Fee Structure

Fee Structure for Ph.D. (ECE, CSE) for July 2020-21 (First Year)

Sr. No.	Particulars	Amount (INR)
A	Tuition Fee	46,000/-
B	Development Fee	20,000/-
C	Miscellaneous Fee	27,500/-
D	Caution Deposit (Refundable)	5,000/-
E	Alumni Association Fee	2,000/-
Total (A to E)		1,00,500/-
F	Hostel Fee	24,000/-
H	Hostel Deposit	5,000/-
Total (F+H)		29,000/-

* Hostel fee is exclusive of mess fee. Tentative charges payable to the Mess contractor directly. Rooms are allotted based on the availability of the hostel.

Note:

1. The fee structure is tentative, and is subject to revision as per the recommendation of Board of Governors.

APPENDIX-I

No Objection Certificate from Employed Candidates for Ph.D. (To be typed on letterhead of the Company / Organization / College / University)

Dear Sir,

This is to certify that Shri. / Smt. /Kum. _____ is an employee of our Company / Organization / College / University since _____ and is currently serving as _____ (designation).

Our Company / Organization/ College / University has no objection to his/her application in the _____ (department) to join the Ph.D. Programme at IIT Pune, under external / sponsored category.

Further, if selected, the Company / Organization / College / University has 'NO OBJECTION' to allow Shri. /Smt. /Kum. _____ to undergo the programme of studies and also to fulfill the coursework requirements (and qualifier examination, if applicable) at IIT Pune.

Signature & Seal of the Head of the Company / Organization / College / University

APPENDIX II

STATEMENT OF PURPOSE

Statement of Purpose (SOP) is your opportunity to share with the admission committee your thoughts and feelings about research studies at IIIT Pune including your preparation for the same. Briefly describe past project/ research work done by you. Restrict yourself to 500 - 600 words. The personal SOP will aid the admission committee in evaluating your application.

Applicant Name