



भारतीय सूचना प्रौद्योगिकी संस्थान, पुणे
Indian Institute of Information Technology, Pune
(An Autonomous Institute of National Importance under act of Parliament)

Information Brochure

Admissions

in

Doctor of Philosophy

March 2025

Ref no: IIITP/PhD/2025-26/4493

Dated: 18/03/2025

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. Interested candidates meeting the eligibility criteria are invited to submit a hard copy of the fully filled application form, along with their latest passport-size photograph and self-attested copies of educational certificates, date of birth proof, relevant experience documents, caste certificate (if applicable), and any requisite fees. All submissions must reach the designated address no later than **April 15, 2025**. The prescribed application form, duly completed and signed, along with the fees and enclosures (self-attested photocopies of all mentioned documents), should be dispatched via Speed/Registered Post, Courier, or Hand Delivery to the following address:

To,

The Registrar,

Indian Institute of Information Technology Pune

(IIITP), Pune Survey No. 9/1/3, Ambegaon Budruk,

Sinhgad Institute Road, Pune – 411041, Maharashtra

On the top of the envelope clearly mention- (Application for PhD: “Name of applied Branch)

- iv. All applications which are not in prescribed form / without relevant supporting enclosures / received after the last date / without application fees will be out rightly rejected. No correspondence shall be entertained in this regard. Interim correspondence will also not be entertained or replied to.
- v. The Institute will not be responsible under any circumstances for any sort of postal delay/loss of the application form. A non - refundable processing fee of Rs. 590/- (for GEN/OBC/EWS) and Rs. 295/- (for SC/ST/PwD) are required to be paid online directly to:
**Indian Institute of Information Technology
Pune.
State Bank of India A/C No.- 42797787814
IFSC code – SBIN0011648,
Branch: SBI, Ambegaon, Pune**
- vi. The employed candidates are required to submit the No Objection Certificate (NOC) from the respective organization as per Annexure-I.
- 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. NoTA/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
- xi. Last date for submission of completed application forms **April 15, 2025**.

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 programmes in Electronics & Communication Engineering (ECE) and Computer Science & Engineering (CSE) and Ph.D. programmes in CSE, ECE, and Applied Science & Humanities.

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. Presently, IIIT Pune is operating from the temporary campus at Ambegaon Budruk, Sinhagad Institute Road, Pune 411041. The temporary campus of IIIT Pune is at a distance of 13 km from Pune Railway Station, 20 km from Pune Airport. IIIT Pune is a residential Institution and provides residential facilities to students on availability basis.

III. Ph.D. Programmes:

(A) Institute PhD Scheme:

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 IIIT Pune offers a diverse range of research areas available for PhD students under the supervision of various faculty members:

CSE: Digital Forensics, Cyber Security, Natural Language Processing, Data Science, Big Data Analytics, Deep Learning, Soft Computing, Wireless Sensor Networks, Cloud Computing, Machine Learning, AI, Data Mining, Software Engineering, Formal Methods, Human-Computer Interaction, Usability Engineering, Augmented Reality, User-Centered Deep Learning, IoT, VANET, Mobile and Wireless Networks, Image Processing, Biometrics with Deep Learning, Presentation Attack Detection, Data Privacy, and Security.

ECE: VLSI, Internet of Things, Wireless Communication, 5G, Antenna, Synchronization Parameters Estimation, Modulation, Robotics, Cognitive Radio, NOMA, IRS, Energy Harvesting, Free Space Optics, Machine Learning, Under Water Communication.

Applied Science and Humanities: Abstract & Linear Algebra, Discrete Mathematics, Lattice Theory, Order Structure, Graph Theory, Commutative Algebra, Fractional Differential Equations, Computational Dynamics, Optimization, Fluid Mechanics. English Literature, Communication Skills, Linguistics, Women's Studies, Cultural Studies and Media Studies, etc.

a. General Eligibility Criteria for Institute Scheme

The relevant details of the eligibility criteria are as under:

For PhD in CSE and ECE

Sr No	Category	Eligibility
1	Candidate from Industry	<p>Essential:</p> <p>1. M.Tech/ME in CSE/IT/ECE/EE or relevant area in engineering/Technology with B.Tech/BE in Engineering / Technology with First class or 60% marks ((55% marks for SC / ST / PwD) / CPI or CGPA greater than 6 (5.5 for SC / ST / PwD) on a 10 point scale.</p> <p>AND</p> <p>2. Minimum 1 years of relevant experience in CSE/ECE/IT and allied fields.</p> <p>OR</p> <p>1. B.Tech/BE in Engineering / Technology with First Class or 60% marks (55% marks for SC / ST / PwD) / CPI or CGPA greater than 6 (5.5 for SC/ST/PwD) on a 10-point scale.</p> <p>AND</p> <p>2. Minimum 3 years of relevant experience in CSE/ECE/IT and allied fields.</p>
2	Academic Institution(s) Candidate	<p>Essential:</p> <p>M.Tech/ME in CSE/IT/ECE/EE or relevant area in Engineering / Technology with B.Tech/BE in Engineering / Technology in ECE/CSE and allied disciplines with First Class or 60% marks (55% marks for SC/ST/PwD) / CPI or CGPA greater than 6 (5.5 for SC/ST/PwD) on a 10-point scale.</p> <p>Desirable: A valid GATE Score.</p>
3	Other Candidates	<p>Essential:</p> <p>M.Tech/ME in CSE/IT/ECE/EE in Engineering / Technology or relevant area with B.Tech/BE in Engineering / Technology in ECE/CSE/MECH/INDUSTRIAL and Allied Disciplines with First Class or 60% marks (55% marks for SC/ST/PwD) / CPI or CGPA greater than 6 (5.5 for SC/ST/PwD) on a 10-point scale.</p> <p>Desirable: A valid GATE Score.</p>

For PhD in Applied Science & Humanities (ASH)

Sr No	Category	Eligibility
1	Candidate from Industry	<p align="center">Essential:</p> <p align="center">1. Master's Degree and Bachelor's Degree in Basic Science/Arts in English with First class or 60% marks (55% marks for SC / ST / PwD) / CPI or CGPA greater than 6 (5.5 for SC / ST / PwD) on a 10-point scale.</p> <p align="center">AND</p> <p align="center">2. Minimum 1 year of relevant experience in relevant fields.</p> <p align="center">OR</p> <p align="center">1. Bachelor's Degree in Basic Science/Arts in English with First Class or 60% marks (55% marks for SC / ST / PwD)/ CPI or CGPA greater than 6 (5.5 for SC/ST/PwD) on a 10-point scale.</p> <p align="center">AND</p> <p align="center">3. Minimum 3 years of relevant experience in relevant fields.</p> <p align="center">Desirable: A valid GATE/NET score is desired.</p>
2	Academic Institution(s) Candidate	<p align="center">Essential:</p> <p align="center">Master's Degree in Basic Sciences/Arts in English with First class or 60% marks (55% marks for SC / ST / PwD) / CPI or CGPA greater than 6 (5.5 for SC / ST / PwD) on a 10-point scale.</p> <p align="center">Desirable: A valid GATE/NET Score.</p>
3	Other Candidates	<p align="center">Essential:</p> <p align="center">Master's degree in basic sciences/Arts in English or relevant area with Bachelor's degree in basic sciences/Arts in English and/or Allied Disciplines with First Class or 60% marks (55% marks for SC/ST/PwD) / CPI or CGPA greater than 6 (5.5 for SC/ST/PwD) on a 10-point scale.</p> <p align="center">Desirable: A valid GATE/NET Score.</p>

All the candidates shall fulfill the general eligibility criteria

IV. 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 does not 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/ NTA NET 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 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

For **Applied Mathematics:** Abstract and Linear algebra, Real analysis & Complex analysis, Differential equations: ODE & PDE, Discrete mathematics, Probability theory, Topology

For **Humanities and Social Sciences:** British Literature, American Literature, European Literature, Postcolonial Literature, Indian Writing in English, Literary Criticism, Literary Theory, Literary Terms and Devices, Literary Movements, Language and Pedagogy, Linguistics, Cultural Studies and Research Methodology.

V. Registration, Coursework and other requirements

The details regarding coursework, duration of program, theses etc. are provided in Ph.D. Ordinances and Regulations on the institute website under Academics tab on the Home page.

VI. Fee Structure

Fee Structure for Ph.D. for academic year 2025-26 (July 2025 Batch)

Academic Fee Structure for PhD (from July-2025 Batch)

Sr. No.	Particulars	At the time of Admission (in July)	Every next January (till thesis submission)	Every next July (till thesis submission)	At the time of submission of Thesis
1	Tuition Fee	23,000	23,000	23,000	-
2	Development Fee	10,000	10,000	10,000	-
3	Student/Medical Aid Fund	500	500	500	-
4	Gymkhana Fee	650	650	650	-
5	Laboratory Fee	4,000	4,000	4,000	-
6	Library Fee	3,500	3,500	3,500	-
7	Computer Training/Internet Fee	3,000	3,000	3,000	-
8	Student Insurance Fee	1,700	-	1,700	-
9	Project/Training & Placement Fee	350	350	350	-
10	Examination Fee	750	750	750	-
11	Gathering/Youth Festival Fee	750	750	750	-
12	Alumni Association Fee	2,000	-	-	-
13	Convocation Fee	-	-	-	1,000
14	Thesis Evaluation Fee	-	-	-	35,000
15	Caution Deposit (Refundable)	10,000	-	-	-
Total Rs		60,200	46,500	48,200	36,000

Note: The fee structure is tentative, and is subject to revision as per the recommendation of Board of Governors. Please refer the institute website for updated fee structure.

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 IIIT 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 IIIT 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