



भारतीय प्रौद्योगिकी संस्थान पटना Indian Institute of Technology, Patna

IITP/ACAD/PhD/2018/3/VIS_____

The PhD scheme of **Department of Electronics and Information Technology (DeitY)** (now named as “**Visvesvaraya PhD Scheme for Electronics and IT**”) for the January 2019, Spring Semester, academic year 2018-19. The research areas for the above mentioned fellowship are as follows:

Name of PhD Programme and Department	Research Areas
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (Full time)	Robotics and Artificial Intelligence, BlockChain Technology, Machine Learning, Deep Learning, Program Analysis and Verification.
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (Part time)	Secure Computing, Machine-learnable Architectures, IoT Artificial Intelligence, Natural Language Processing, Information Extraction, Text Mining, Machine Learning Bioinformatics
DEPARTMENT OF ELECTRICAL ENGINEERING (Part time)	System on Chip, Computer Architecture (Open for both EE, EEE, ECE and CS discipline) Digital Signal, image and video processing, Biomedical signal and image processing, neuro-cognition, neural signal processing, video surveillance, machine learning. signal processing for wireless communication. (Preferably candidates should be from Electrical, Electrical & Electronics, Electronics & Communication and Computer Science Engineering)

The allotment of PhD candidates automatically entitles the Institute for the following:

FULL TIME:

Since the vacancy in full time category has been created due to resignation, fellowship condition would be as follows:

- i. Fellowship for full time PhD candidate
Computer Science & Engineering Department: @ Rs 31,500 for the first 07 months and @ Rs. 35,000 per month for the remaining three years.
- ii. Annual contingency grant @ Rs. 30,000 per year per fulltime PhD student
- iii. Reimbursement of rent for full time PhD student as per the scheme.

EMPLOYED & PART-TIME

A candidate in this category is a regularly employed person (including the staff of IIT Patna), who pursues the Ph.D. program, while continuing the duties of her/his service. The institute does not provide any assistantship/ fellowship to such a student. The minimum residential requirement is one or two semester(s) depending on the completion of mandatory course work required for Ph.D. students. Candidate in Employed and Part-time category must be a regular employee of his/her organization with at least two years of professional experience in the respective field. The work-experience of minimum two years is essential with current employer. NOC letter (**Form III**, available with the application form) must be attached with the duly filled in application form.

As per the programme, the part-time candidate shall be eligible to receive Rs. 2.50 lakhs as monetary support on completion of his/her PhD. Part-time candidates who do not avail of any PhD Fellowships/scholarship/stipend from any Central or State Government shall qualify for this one-time incentive of Rs.2.5 lakh on successful completion of the PhD degree. Currently, part-time students are not being provided any other financial assistance during the duration of their PhD work and this 2.5 lakhs is awarded only when they complete their PhD.

Minimum Eligibility Criteria for Admission in to Ph.D. Programme

There is no age limit for applying in this scheme.

A.1 PhD in Engineering

For admission to the PhD Programme in Engineering Department, a candidate must satisfy one of the following criteria:

A.1.1 Candidates having M.Tech./M.E. degree in a Engineering/Technology, with a minimum CPI of 6.5 or 60% of marks.

A.1.2 Bachelor's degree in Engineering/Technology (from any Institute other than IITs) in a relevant area with a minimum CPI of 8.0 or 75% of marks.

A.1.3. Bachelor's degree from an Indian Institute of Technology (IIT) in a relevant area with a minimum CPI of 7.0.

A.1.4. Master's degree in Science in a relevant area with a minimum CPI of 7.5 or 70%.

Relaxation for SC/ST Candidates:

Eligibility criteria will be relaxed by 5% marks or 0.5 CPI for SC/ ST applicants.

Reservations:

The reservation of seats in admissions for SC, ST, OBC categories and for Persons with Disability (PD) will be as per Government of India rules. OBC (Non-creamy layer) candidates will have to enclose certificate and self-declaration statement as per formats as indicated at Annexure-I and II.

Application Procedure:

Candidates are requested to use the following link to fill and submit application form online.

Link: <http://academic.iitp.ac.in>

For admission in the Electrical Engineering and Computer Science & Engineering Departments, the online link will remain active till, 30.10.2018 Please login and fill up all the parts of the application form. Follow the instructions given in the document “*Instructions to Candidates*”. At the end a final PDF will be generated. You can download it from your registered email address or from your application page.

The application fee of **Rs. 300/- for General/OBC** (Male) candidates and **Rs. 150/- for SC/ST/PD/Female** (all categories) candidates must be submitted through online mode.

Candidates must use the following link to submit application fee online and send the printed e-receipt along with the hard copy of application

Link: <https://www.onlinesbi.com/prelogin/icollecthome.htm?corpID=595859>

You are requested to send final submitted application generated online duly signed along with self attested copies of mark sheets & certificates (from class X to highest degree obtained/appeared), caste certificate (if applicable), GATE /NET/Relevant certificate related to any fellowship, experience certificate and other testimonials (both sides) and e-receipt of online payment to the following address “ *The Assistant Registrar(Academics), Indian Institute of Technology Patna, Bihta, Kanpa Road, District - Patna, Bihar , PIN – 801103*” to reach on or before **06.11.2018**. Please note that your application must be complete in all respects, along with all documents, including e-Receipt of payment.

The words “Application for the Visvesvaraya Ph.D. admission in the Department of _____ (Name of the Department where applying for)” should be written on the top of the envelope for sending the completed form.

Please note that no application shall be received after the last day of submission of the hard copy of application by post. The candidates are advised to post well in advance as the institute will not be responsible for any postal delay. In the absence of receipt of the hard copy, the application shall not be processed.

Candidates applying for more than one department should submit a separate application for each department.

Selection:

The Institute reserves the right to call a limited number of candidates for written test or/ and interview, based on performance in GATE/NET, grades/marks in the qualifying examination, etc.

Important Dates for Application in the Departments:

Start Date of On-line Application: 10.10.2018 onwards

Last Date of On-line Application: 30.10.2018

Last Date for receipt of completed Application Forms by IIT Patna is: 06.11.2018

Note: The above information is not the complete set of Rules & Regulations for the Ph.D. programme of IIT Patna.

For any further information, please contact

The Assistant Registrar (Academics),
Indian Institute of Technology Patna, Bihta,
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Legal Jurisdiction The court at Patna alone shall have the jurisdiction to settle and decide all matters and disputes related to the above referred admission process.