भारतीय प्रौद्योगिकी संस्थान पटना
# Indian Institute of Technology, Patna

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## PhD Admission – (Spring Semester, AY-2024-25)
## Visvesvaraya PhD Scheme Phase - II

Applications are invited for admission to the Doctor of Philosophy (Ph.D.) programme at the following Departments under **Visvesvaraya PhD Scheme Phase - II.**

Research area under Visvesvaraya Scheme are as under:

| Name of the PhD Programme and Departments | Research Areas |
|---|---|
| **Department of Computer Science & Engineering** (Full Time) **(No. of vacant seats: 02)** | Algorithms, Deep Learning, Large Language Model and Natural Language Processing, Summarization Techniques, Deep Learning and Computer Vision Conversational Systems, MI in Cyber Security, Blockchain, Forensic Analysis, Disaster Management, Smart Grid Applications, Graph Neural Networks, Social Networks, Machine Learning, Intelligent Transportation Systems, Cyber Physical Systems, IoT. |
| **Department of Mechanical Engineering** (Full Time) **(No. of vacant seats = 01)** | Design of Electronics Cooling methodology in space/high altitude applications, Mechanical thermal and electromagnetic design of high-speed motor |
| **Department of Electrical Engineering** (Full Time) **(No. of vacant seats = 02)** | VLSI Design and Computer Architecture |

**It is to be noted that, "The 'Visvesvaraya PhD scheme' is reserved for candidates who wish to do their work in Electronic System Design and Manufacturing (ESDM) and IT/IT enabled Services (ITES) research areas."**

More details about the 'Visvesvaraya PhD scheme can be found at the following URL: https://phd.digitalindiacorporation.in/home

# GENERAL TERMS & CONDITIONS: MINIMUM ELIGIBILITY CRITERIA FOR ADMISSION TO PHD PROGRAMME:

## A. AGE LIMIT:

- In all the disciplines, the upper **age limit is 28 years (B.Tech./ B.S. /B.E./M.Sc./MA/MCA/MBA) for JRF and 32 years (M. Tech./M.E./M.S./M.Phil.) for SRF** to be calculated as on the last date of application and is applicable **only** for candidates applying in Regular and Full-time category, as Institute Fellow.

- **Upper age limit is relaxed up to 05 years in case of candidate belonging to Schedule Castes/Schedule Tribes, OBC, Women and PwD candidates.**

- For Research / project fellows, age limit will be as per the funding agency norms. In absence of any age criteria, the Institute norms will be followed.

## B. MINIMUM EDUCATIONAL QUALIFICATIONS:

### PhD in Engineering

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

**B. 1** Candidates having M. Tech./M.E. degree in an Engineering/Technology, with a minimum CPI of 6.5 or 60% of marks.

**B. 2** Bachelor's degree in Engineering / Technology in a relevant branch / area with a minimum CPI of 7.5 or 70% of marks.

**B. 3** Master's degree in Science in a relevant area with a minimum CPI of 7.5 or 70% of marks

**S/he must have qualified GATE not older than 05 years from the last date of submission of application / NET qualification**

### NOTE

- **CPI will not be converted into percentage marks if the degree awarding Institute provides marks in CPI system or vice versa. Their admission will be based on the CPI or Percentage of Marks awarded in the transcript.**

- **Candidates should note that if both CPI and percentage are indicated in transcript/marksheet of the qualifying degree then only CPI shall be considered for determining eligibility.**

## C. RELAXATION FOR SC/ST CANDIDATES:

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

## D. RESERVATIONS:

The reservation of seats in admissions for SC, ST, OBC, EWS categories and for persons with disability (PwD) will be as per Government of India rules. OBC (Non-creamy layer) candidates will have to produce certificate and self-declaration statement as per formats indicated at **Annexure - I and II available on the website:**
https://academics.iitp.ac.in/files/obc_certificate_self_declaration.pdf

## E. FINANCIAL SUPPORT

For details of financial support Under Visvesvaraya PhD Scheme, please visit: - https://phd.digitalindiacorporation.in/home

## F. WITHDRAWAL POLICY

One should not drop /leave the programme before course completion without valid reasons thereof. Selected candidates shall have to submit an undertaking/declaration at the time of admission for refunding fellowship/assistantship drawn from the Institute in case of resignation from the program

## G. HEALTH CARE POLICY

Health Services for enrolled students during their tenure will be governed by the terms and conditions of insurance policy procured by them at the time of admission which shall be renewed on yearly basis. OPD inside the Institute health centre is available for all students in accordance with the Institute policy framed from time to time in this matter.

## C. ACCOMMODATION POLICY

Institute does not guarantee hostel accommodation inside the campus. However, accommodation may be provided on first come first served basis, subject to availability of vacant rooms in the hostels.

## D. APPLICATION PROCEDURE (please go through it very carefully):

Firstly, application fee must be paid before proceeding for online application. The details of application fee are given below:

| Category | Application Fee |
|---|---|
| GEN/EWS/OBC-NCL | **Rs. 1,000/-** |
| SC/ST/PwD/Women / Transgender | **Rs. 500/-** |

The application fee should be paid online through SBI Collect. Application fee shall not be refunded.

**Link for payment: https://www.onlinesbi.sbi/sbicollect/**

Detail of Payment Procedure is attached as **Annexure – III**

After the payment, a reference/journal number will be generated, which must be mentioned in the application form and the printed e-receipt of payment must be preserved carefully.

Only after the above step and noting down reference/journal number generated through payment, candidates are required to use the following link to fill and submit application form online. Please read complete advertisement very carefully before applying online. To avoid internet congestion, candidates are advised not to wait for the last date of application.

**Link for online application** (should be accessed after payment of application fee through SBI Collect): https://www.iitp.ac.in/phd_admission/phd_form/

- **After successful submission of online application, candidates shall receive application details on their respective registered email address.**

- The candidates are required to take printout of the application details received in their email after submitting online application. This printout 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, other testimonials (both sides), and printed e-receipt of online

- Payment proof must be produced on the day of test/interview, failing which the candidature is liable to be rejected.

- Candidates, applying for more than one Department, must submit a separate application with separate payment of application fee. Fresh fee payment is required for each application.

If any of the prescribed documents (as mentioned above) is not produced on the day of test/interview, then the candidate may not be allowed to attend test/interview.

Please note that depending upon the situation, above documents can be asked any time before the day of interview.

**Candidates are NOT required to send application by post.**

**No call letter will be sent by post. The candidates must check their registered email and Institute website regularly for important information. On the day of test/interview, a candidate must produce her/his valid original Identity card.**

## J. <u>SELECTION</u>

The Institute reserves the right to call a limited number of candidates for test/interview, based on performance in GATE/NET, grades/marks in the qualifying examination, shortlisting criteria etc. Merely fulfilling minimum eligibility criteria does not guarantee call for test/interview.

**Important Dates:**

| | | |
|---|---|---|
| **Start Date of On-line Application** | : | **07/08/2024** |
| **Last Date of On-line Application** | : | **31/08/2024(Till 11:59 PM)** |
| **Issuance of Call Letter by email** | : | **05/09/2024** |
| **Examination Date Window** | : | **September 12-13, 2024** |
| **Result Release Date (Tentative)** | : | **16/09/2024** |
| **Issuance of Offer Letter (Tentative)** | : | **17/09/2024** |

**Helpline:** Please note that no correspondence / query shall be entertained regarding correction of mistakes in the submitted application, details already available in the advertisement and irrelevant matters. First issues/problems should be identified strictly as provided in the following table and use ONLY the concerned link/ email id mentioned against the issues.

| Sl. No. | Issues | |
|---|---|---|
| 1. | **Technical issues regarding online application** | **phd_admissions@iitp.ac.in** <br> **06115-233-698** |
| 2. | **Academic matter** | **phd_admissions@iitp.ac.in** <br> **06115-233-684/697** |
| 3. | **Fee -payment/ SBI collect** | **arfa@iitp.ac.in** <br> **06115-233-062** |

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

**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.