



# भारतीय प्रौद्योगिकी संस्थान पटना

## Indian Institute of Technology Patna

### **ADMISSION TO M. TECH. PROGRAMME IN ARTIFICIAL INTELLIGENCE - CENTRE OF EXCELLENCE IN ARTIFICIAL INTELLIGENCE, VISLESHAN I-HUB FOUNDATION (FOR ACADEMIC SESSION 2024-25)**

**Advt. No. IITP/ACAD/M. Tech/2024/02**

**Date: 01.06.2024**

IIT Patna with generous grant from the Department of Science and Technology (DST), has set up a multidisciplinary Centre named Vishlesan I-Hub Foundation under the Technology Innovation Hub (TIH) that targets to leverage Research and Engineering capabilities of Sustainable Development Goals and achieves the mandate of National Mission on Interdisciplinary Cyber Physical Systems, especially in the areas of Video, Speech and Text Analytics

- **OBJECTIVES:**

This M. Tech in Artificial Intelligence program will offer students with deep knowledge of core and applied Artificial Intelligence, especially Speech, Video and Text Analytics. This programme is aiming at imparting the necessary breadth and depth to the students for pursuing careers in academics as well as in industry. This programme is aiming at extending undergraduate computing skills with up-to-date and in-depth expertise in specialized areas of AI such as Speech, Text and Video Analytics. Expected Graduate Attributes: Students, at the end of this programme, will be able to develop an ability to:

1. Understand the fundamental concepts of Artificial Intelligence, Machine Learning, Big Data, Robotics, Cloud Computing, Speech Processing, Computer Vision, and Natural Language Processing
2. Conceive, Design and Develop state-of-the-art systems, to meet the broad objectives of cyber physical systems
3. Acquire the skills to solve important and practical problems related to speech processing, video analytics and text analytics

Applications are invited for admission to the Master of Technology (M. Tech.) program in Artificial Intelligence in Centre of Excellence in Artificial Intelligence, Visleshan I-Hub Foundation starting in July 2024.

The program is of two years duration. The details of the program offered and specialization is are as follows:

Centre	Specialization	Seats Available
Vishlesan I-Hub Foundation under the Technology Innovation Hub (TIH)	Artificial Intelligence	<b>Total: 40</b> Sponsored; Self-financed

**\*Reservation of Seats: As per Govt. of India rules.**

- **CATEGORIES OF M. TECH. STUDENTS**

The Vishlesan I-Hub Foundation under the Technology Innovation Hub (TIH) admits M. Tech. students under the following categories:

i) **SPONSORED (FULL-TIME)**

A candidate in this category is sponsored by R&D organization, academic institution, governmental organization, or industry for doing M. Tech. in the Institute on a full-time basis. The applicant must be a regular employee of his/her organization with at least **two years** of experience at the time of admission and be engaged in professional work in the discipline in which admission is sought. He / She will not receive any financial support from the Institute. For sponsored applicants, GATE score is not mandatory and they are not eligible for assistantship. Candidate applying for Sponsored Full-Time categories must be a regular employee of the sponsoring organization with at least 2 (two) years of professional experience in the respective field. Selection of these candidates is based on performance in Written Test and/or Personal Interview of short-listed candidates. Such applicants must keep ready duly endorsed **Form I (Sponsorship letter, attached herewith)** before the last date of application and produce it whenever required.

ii) **SELF-FINANCED**

**A student in this category may work full-time towards the M. Tech. Programme.** He / She will not receive any financial support from the Institute. Selection of these candidates is based on performance in Written Test and/or Personal Interview of short-listed candidates.

- **ELIGIBILITY CRITERIA FOR ADMISSION TO M. TECH. PROGRAMME:**

B. Tech./B.E. degree in Computer Science/IT/ECE/EE or MCA. Candidates seeking admission to this M. Tech. Programme shall have to possess a minimum of 60% marks (or a CGPA of 6.5 in 10-point scale) for General/OBC/EWS categories and 55% marks (or a CGPA of 6.0 in 10-point scale) for SC/ST categories in the final qualifying examination. All selected candidates have to produce the certificate with regard to the marks secured in the final qualifying examination by **31-10-2024**.

Reservation of Seats is as per Govt. of India rules. OBC (including OBC Minorities) (Non-creamy layer) candidates will have to produce certificate and self-declaration statement, whenever required before admission, as per prescribed format attached as Annexure I.

- **APPLICATION PROCEDURE:**

The details of application fee are given below:

<b>Category</b>	<b>Male</b>	<b>Female</b>
<b>GEN/EWS/OBC-NCL</b>	<b>Rs 1000/-</b>	<b>Rs 500/-</b>
<b>SC/ST/PwD</b>	<b>Rs 500/-</b>	<b>Rs 500/-</b>

The application fee should be submitted very carefully online through SBI Collect. The link for payment is given below. Application fee shall not be refunded. 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. Application, without fee, shall be summarily rejected.

**Link for payment:** <https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?corpID=5150817>

Candidates are required to use the following link to fill and submit application form online **(Please read complete advertisement very carefully before applying online. Mistakes must be avoided. To avoid internet congestion, candidates are advised not to wait for the last date of application)**

**Link for application:** [https://www.iitp.ac.in/mtech\\_admission/tih/tih\\_form](https://www.iitp.ac.in/mtech_admission/tih/tih_form)

- The candidates are NOT required to send any document through post at present. The self-attested copies of mark sheets & certificates (from class X to highest degree obtained/appeared), caste certificate (if applicable), relevant certificate, experience certificate, other testimonials, (both sides) and printed e-receipt of online payment must be produced whenever required, failing which the candidature is liable to be rejected.
- The selection shall be purely provisional and subject to verification of documents at a later stage.
- No call letter will be sent by post. The candidates should check email (including junk/spam) and website regularly for important information.

**Selection:**

The Institute reserves the right to call a limited number of candidates, based on shortlisting criteria including grades/marks in the qualifying examination, etc. and merely fulfilling minimum eligibility criteria does not guarantee selection.

**Important Dates:**

**Start Date of On-line Application: 01.06.2024**

**Closing Date of On-line Application: 30.06.2024**

**Note: The above information is not the complete set of rules & regulations for the M. Tech. programme at IIT Patna.**

**Helpline:** Please note that no correspondence / query shall be entertained regarding correction of mistake(s) 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 write ONLY to the concerned email id mentioned against the issues.

Sl. No.	Issues	Contact point
1.	Technical issues regarding online application	skverma@iitp.ac.in
2.	Academic matter	faculty.tih@iitp.ac.in
3.	Fee -payment/ SBI collect link	arfa@iitp.ac.in, 06115-233-062

**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.