



भारतीय सूचना प्रौद्योगिकी संस्थान भागलपुर  
Indian Institute of Information Technology Bhagalpur  
(An Institute of National Importance established by Ministry of Education, Govt. of India)



B.Tech  
ADMISSION  
BROCHURE

2025-26

# ABOUT IIIT BHAGALPUR



Indian Institute of Information Technology Bhagalpur (IIIT Bhagalpur) is one of the IIITs set up by Ministry of Education (MoE), Govt. of India in Public-Private-Partnership (PPP) mode and it is an Institute of National Importance and a joint venture of Govt. of India (50%), Govt. of Bihar (35%) and Bihar State Electronics Development Corporation (15%).



IIIT Bhagalpur started its first academic session under the mentorship of IIT Guwahati on 3<sup>rd</sup> August, 2017. The institute started its operation from permanent campus from July-2024 onwards. The institute is situated on the southern banks of the river Ganges at Bhagalpur, Bihar. More than 1200 students from various parts of India are continuing their B.Tech, M.Tech, & Ph.D.



The institute has now started its operation from the permanent campus (near Bhagalpur College of Engineering, Sabour) which comprises of Academic Block, Administrative Block, Library & Computer Centre, Boy's & Girl's Hostels, Faculty Residence, and Director's Residence. The buildings are well equipped with necessary laboratory accessories for academic activities, fully air-conditioned classrooms & Laboratories, and State-of-the Art equipment as per the recent curriculum.

## VISION

To create technocrat by providing high quality education, research by inculcating technical skills so that they can play pivotal role in transforming the world and serving the community.

## MISSION

- Enhance the Student Learning Environment.
- Resource Development.
- Commitment to Student Transformation.
- Developing our Campus Community.
- Engagement with the Region and Outreach activities.





## DIRECTOR'S MESSAGE

"It gives me immense pride to lead IIIT Bhagalpur, an Institute of National Importance dedicated to academic excellence, cutting-edge research, and innovation in Information Technology and allied areas. Located on the southern bank of the holy Ganga in Sabour, Bhagalpur, the institute is now fully functional from its newly constructed permanent campus (Phase-I completed in 2024), equipped with state-of-the-art facilities including academic buildings, labs, hostels, library, canteen, and sports infrastructure.



IIIT Bhagalpur nurtures innovation, critical thinking, and leadership to prepare students for a rapidly evolving world. Admissions to our B.Tech programs are through JEE (Main) via JoSAA/CSAB counselling. Our curriculum, revised in line with NEP 2020, emphasizes multi- and trans-disciplinary education, offering flexibility with multiple entry/exit options, specializations, minors, and skill-based learning.

We promote industry-relevant skills through workshops, projects, internships, and certifications. A strong research ecosystem supports impactful innovation by faculty and students alike. With a highly motivated academic community, IIIT Bhagalpur is growing rapidly in infrastructure and academic achievements.

We welcome all the freshers students to join us in building a technologically empowered India and realizing the vision of Vikshit Bharat 2047.

**Prof. Madhusudan Singh**  
Director, IIIT Bhagalpur

## AD, ACADEMIC AFFAIRS'S MESSAGE

Welcome to the dynamic world of engineering at IIIT Bhagalpur, where innovation is not just a goal but a way of life. At the forefront of technological advancements, we blend expertise, technology, and creativity to propel our community towards excellence. IIIT Bhagalpur stands as a centre for creativity, a beacon for learning, and a convergence point for ideas that shape the future. Our success is rooted in the unwavering commitment of our faculty members to academic rigour, groundbreaking research, and mentoring. Their dedication goes beyond the confines of classrooms, influencing the lives of our students in profound ways. As you embark on your journey at IIITBH, you join a diverse community engaged in hands-on learning and cutting-edge research, paving the way for successful careers in business, government, or academia. Our faculty, involved in high-impact research across various domains, including Artificial Intelligence, Cyber Security, Blockchain, Data Science, Robotics, VLSI, Communication, Cloud Computing, and Embedded Systems ensures that our students are exposed to the latest advancements in their field. I look forward to working with each one of you and contributing to the success and growth of our vibrant engineering community and help in making Vikshit Bharat-2047.



**Dr. Himadri Nayak**  
Associate Dean, Academic Affairs

## AD, STUDENT WELFARE'S MESSAGE

In the dynamic realm of skill-based higher education, the Student Welfare Section at IIIT Bhagalpur, stands as a cornerstone of student growth and engagement. Our mission is to create a vibrant, inclusive, and supportive campus environment that empowers students to thrive academically, emotionally, and professionally.

In the dynamic realm of skill-based higher education, the Student Welfare Section at IIIT Bhagalpur, stands as a cornerstone of student growth and engagement.

This section serves as a vital link between students and the university's vision, focusing on academic support, mental well-being, extracurricular involvement, and career readiness. Through mentorship programs, counselling services, and proactive initiatives, we provide students with the resources and guidance they need for holistic development.

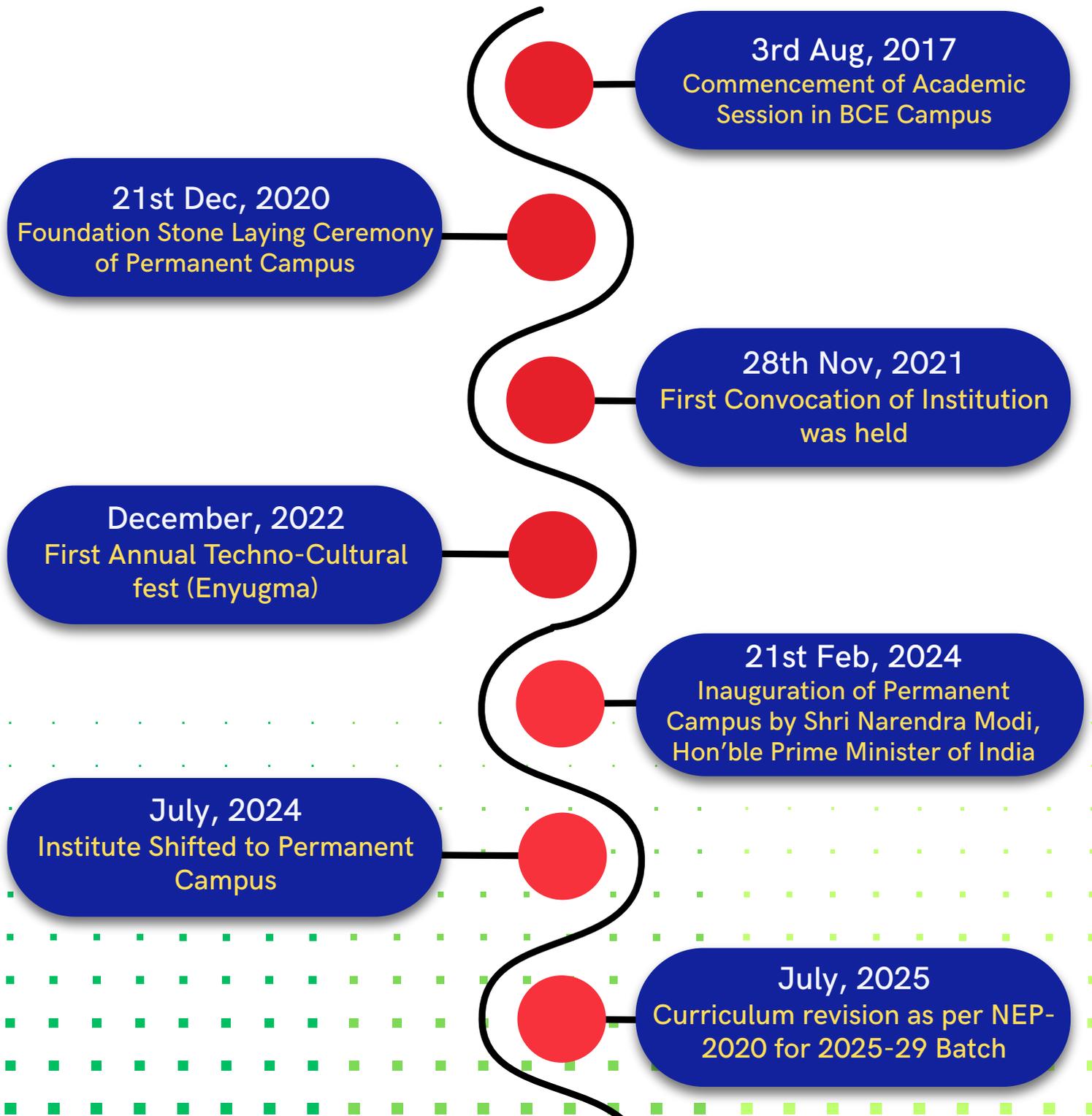
To foster an enriching campus life, students are encouraged to join various voluntary clubs, including Sports Clubs, Technical Clubs, Cultural Clubs, NSS Clubs, etc. These platforms offer opportunities to participate in diverse activities, enhancing personal growth, teamwork, and leadership skills. Annual highlights from these clubs, showcased across our media channels, reflect the energy and creativity of our student community.

On behalf of the Student Welfare team, I extend my warmest welcome to all students to actively join the various clubs under student welfare umbrella and stay updated through notices regularly published on the SVSU website. Together, let us build a culture of inclusivity, innovation, and excellence that reflects the spirit of IIIT Bhagalpur.

**Dr. Dheeraj Kr. Sinha**  
Associate Dean, Student Welfare



# Journey at IIT Bhagalpur



# ACADEMIC PROGRAMS

UG

## B. Tech Programs

Admissions to the four-year B.Tech. Program in all the branches of the Institute is based on merit assessed through transparent and reasonable criteria followed by Joint Seat Allocation Authority (JoSAA 2025) and Central Seat Allocation Board (CSAB 2025) which have been set up by the Ministry of Education to manage and regulate admission process of the Institute.

Computer Science & Engineering  
Annual Intake : 165

Electronics & Communication Engineering  
Annual Intake : 82

Mathematics & Computing  
Annual Intake : 30

Mechatronics & Automation Engineering  
Annual Intake : 66

PG

## M. Tech Programs

1. Computer Science & Engineering

Artificial Intelligence  
&  
Data Science

2. Electronics & Communication  
Engineering

- VLSI & Embedded Systems
- Signal Processing & Machine Learning
- Microwave & Communication Systems

3. Mechatronics & Automation  
Engineering

Electric Vehicle Technology

PHD

Computer Architecture, Data Science & AI, Bioinformatics, Cloud Computing, Mobile Computing, Fault tolerance systems, Computer Networks  
Communication Systems, RF & Microwave Engg, Signal and Image Processing, Biomedical Engineering, IoT & Sensors, VLSI & Microelectronics, Artificial Intelligence  
Machine Design, Electric Vehicle Technology, Manufacturing Engineering  
Word Combinatorics, String Algorithms, Graph algorithms, Mathematical Modelling of ecological/epidemiological/biological systems

# B. TECH CURRICULUM 2025-26

## Course Structure and Scheme for B.Tech program

### Computer Science and Engineering (CSE)

| Semester | Course Code | Course Name/Type Name                        | L   | T     | P   | C | Type |
|----------|-------------|--|-----|-------|-----|---|------|
| I        | MA101       | Engineering Mathematics-I                    | 3   | 1     | 0   | 4 | MMC  |
| I        | EC105       | Basic Electrical and Electronics Engineering | 3   | 0     | 2   | 4 | IEC  |
| I        | CS101       | Computer Programming                         | 3   | 0     | 2   | 4 | PCC  |
| I        | ME102       | Engineering Graphics                         | 1   | 0     | 3   | 3 | IEC  |
| I        | CS113       | IT Workshop                                  | 1   | 0     | 2   | 2 | SEC  |
| I        | -           | AEC-1  | 2   | 0     | 0   | 2 | AEC  |
| I        | -           | VAC-1  | 0/1 | 0     | 2/0 | 1 | VAC  |
| II       | EC106       | Digital Signal Processing                    | 3   | 0     | 2   | 4 | IEC  |
| II       | MA102       | Engineering Mathematics II                   | 3   | 1     | 0   | 4 | MMC  |
| II       | EC102       | Digital Design                               | 3   | 0     | 2   | 4 | IEC  |
| II       | CS106       | Data Structure                               | 3   | 0     | 2   | 4 | PCC  |
| II       | EC107       | Electronic Devices and Circuits              | 3   | 0     | 2   | 4 | IEC  |
| II       | CS104       | Web Technology                               | 1   | 0     | 2   | 2 | SEC  |
| II       | -           | VAC-2  | 0/1 | 0     | 2/0 | 1 | VAC  |
| III      | CS201       | Design and Analysis of Algorithm             | 3   | 0     | 2   | 4 | PCC  |
| III      | MA202       | Discrete Mathematics                         | 3   | 1     | 0   | 4 | MMC  |
| III      | CS207       | Computer Organization and Architecture       | 3   | 1     | 0   | 4 | PCC  |
| III      | MA203       | Probability, Statistics and Random Process   | 3   | 1     | 0   | 4 | MMC  |
| III      | CS203       | Object Oriented Programming Concepts         | 3   | 0     | 2   | 4 | PCC  |
| III      | -           | EVS /IKS                                     | 2   | 0     | 0   | 2 | VAC  |
| III      | SAI I       | Summer Internship 1                          | 0   | 0     | 0   | 1 | PIR  |
| IV       | CS205       | Formal Language and Automata Theory          | 3   | 1     | 0   | 4 | PCC  |
| IV       | CS204       | Database Management System                   | 3   | 0     | 2   | 4 | PCC  |
| IV       | CS206       | Operating Systems                            | 3   | 0     | 2   | 4 | PCC  |
| IV       | CS208       | Artificial Intelligence                      | 3   | 0     | 2   | 4 | PCC  |
| IV       | EC208       | Microprocessor and interfacing               | 3   | 0     | 2   | 4 | IEC  |
| IV       | -           | EVS /IKS                                     | 2   | 0     | 0   | 2 | VAC  |
| V        | -           | Open elective-1                              | 3   | 1/0/0 | 2   | 4 | OEC  |
| V        | CS307       | Machine Learning                             | 3   | 0     | 2   | 4 | PCC  |
| V        | CS302       | Software Engineering                         | 3   | 0     | 2   | 4 | PCC  |
| V        | CS305       | Computer Networks                            | 3   | 0     | 2   | 4 | PCC  |
| V        | -           | Program Elective-1                           | 3   | 1/0/0 | 2   | 4 | PEC  |
| V        | HS301       | Principles of Management                     | 3   | 0     | 0   | 3 | AEC  |
| V        | SAI II      | Summer Internship 2                          | 0   | 0     | 0   | 1 | PIR  |
| VI       | CS304       | Compiler Design                              | 3   | 0     | 2   | 4 | PCC  |
| VI       | CS308       | Information and Network Security             | 3   | 0     | 2   | 4 | PCC  |
| VI       | EC304       | IoT and Embedded Systems                     | 3   | 0     | 2   | 4 | IEC  |
| VI       | -           | Program Elective-2                           | 3   | 1/0/0 | 2   | 4 | PEC  |
| VI       | -           | Open Elective-2                              | 3   | 1/0/0 | 2   | 4 | OEC  |
| VI       | CS391       | Mini Project                                 | 0   | 0     | 0   | 2 | PIR  |
| VII      | CS491       | B.Tech Project-1                             | 0   | 0     | 0   | 4 | PIR  |
| VII      | -           | Program Elective-3                           | 3   | 1/0/0 | 2   | 4 | PEC  |
| VII      | -           | Program Elective-4                           | 3   | 1/0/0 | 2   | 4 | PEC  |
| VII      | -           | Open elective-3                              | 3   | 1/0/0 | 2   | 4 | OEC  |
| VII      | -           | Open elective-4                              | 3   | 1/0/0 | 2   | 4 | OEC  |
| VII      | SAI III     | Summer internship /Industrial training       | 0   | 0     | 0   | 2 | PIR  |
| VIII     | CS492       | BTP-2/ Internship                            | 0   | 0     | 0   | 8 | PIR  |

### Electronics & Communication Engineering (ECE)

| Semester | Course Code | Course Name/Type Name                      | L   | T     | P   | C | Type |
|----------|-------------|--|-----|-------|-----|---|------|
| I        | MA101       | Engineering Mathematics-I                  | 3   | 1     | 0   | 4 | MMC  |
| I        | EC105       | Emerging Materials                         | 3   | 0     | 0   | 3 | PCC  |
| I        | EC102       | Basic Electrical Engineering               | 3   | 0     | 2   | 4 | IEC  |
| I        | CS101       | Computer Programming                       | 3   | 0     | 2   | 4 | IEC  |
| I        | EC115       | Electronics Workshop                       | 1   | 0     | 2   | 2 | SEC  |
| I        | -           | AEC-1                                      | 2   | 0     | 0   | 2 | AEC  |
| I        | -           | VAC-1                                      | 0/1 | 0     | 2/0 | 1 | VAC  |
| II       | MA102       | Engineering Mathematics II                 | 3   | 1     | 0   | 4 | MMC  |
| II       | EC104       | Electronics Devices and circuits           | 3   | 0     | 2   | 4 | PCC  |
| II       | EC106       | Digital Systems and Microcontrollers       | 3   | 0     | 2   | 4 | PCC  |
| II       | EC107       | Electromagnetic Theory                     | 3   | 1     | 0   | 4 | PCC  |
| II       | CS106       | Data Structure                             | 3   | 0     | 2   | 4 | IEC  |
| II       | EC116       | PCB Design                                 | 1   | 0     | 2   | 2 | SEC  |
| II       | -           | VAC-2                                      | 0/1 | 0     | 2/0 | 1 | VAC  |
| III      | MA203       | Probability, Statistics and Random Process | 3   | 1     | 0   | 4 | MMC  |
| III      | EC207       | Analog Communications                      | 3   | 0     | 2   | 4 | PCC  |
| III      | CS207       | Computer Organization and Architecture     | 3   | 1     | 0   | 4 | IEC  |
| III      | EC203       | Analog Integrated Circuits                 | 3   | 0     | 2   | 4 | PCC  |
| III      | CS203       | Object Oriented Programming Concepts       | 3   | 0     | 2   | 4 | IEC  |
| III      | -           | EVS /IKS                                   | 2   | 0     | 0   | 2 | VAC  |
| III      | SAI I       | Summer Internship 1                        | 0   | 0     | 0   | 1 | PIR  |
| IV       | EC202       | Signals and Systems                        | 3   | 1     | 0   | 4 | PCC  |
| IV       | EC210       | Digital VLSI Design                        | 3   | 0     | 2   | 4 | PCC  |
| IV       | EC204       | Digital Communications                     | 3   | 0     | 2   | 4 | PCC  |
| IV       | EC220       | Control Systems                            | 3   | 1     | 0   | 4 | PCC  |
| IV       | EC221       | Antenna and Microwave Engineering          | 3   | 0     | 2   | 4 | PCC  |
| IV       | -           | EVS /IKS                                   | 2   | 0     | 0   | 2 | VAC  |
| V        | HS301       | Principles of Management                   | 3   | 0     | 0   | 3 | AEC  |
| V        | EC301       | Digital Signal Processing                  | 3   | 0     | 2   | 4 | PCC  |
| V        | -           | Open Elective-1                            | 3   | 1/0/0 | 2   | 4 | OEC  |
| V        | EC304       | IoT and Embedded Systems                   | 3   | 0     | 2   | 4 | PCC  |
| V        | -           | Program Elective-1                         | 3   | 1/0/0 | 2   | 4 | PEC  |
| V        | SAI II      | Summer Internship 2                        | 0   | 0     | 0   | 1 | PIR  |
| VI       | EC308       | Wireless and Mobile Communication          | 3   | 0     | 0   | 3 | PCC  |
| VI       | -           | Open Elective-2                            | 3   | 0     | 2   | 4 | OEC  |
| VI       | CS307       | Machine Learning                           | 3   | 0     | 2   | 4 | IEC  |
| VI       | EC391       | Mini project                               | 0   | 0     | 0   | 2 | PIR  |
| VI       | -           | Program Elective-3                         | 3   | 1/0/0 | 2   | 4 | PEC  |
| VI       | -           | Open Elective-3                            | 3   | 1/0/0 | 2   | 4 | OEC  |
| VII      | EC491       | B.Tech Project-1                           | 0   | 0     | 0   | 4 | PIR  |
| VII      | -           | Program Elective-4                         | 3   | 1/0/0 | 2   | 4 | PEC  |
| VII      | -           | Program Elective-5                         | 3   | 1/0/0 | 2   | 4 | PEC  |
| VII      | -           | Open Elective-4                            | 3   | 1/0/0 | 2   | 4 | PEC  |
| VII      | -           | Open Elective-5                            | 3   | 1/0/0 | 2   | 4 | OEC  |
| VII      | SAI III     | Summer internship /Industrial training     | 0   | 0     | 0   | 3 | PIR  |
| VIII     | EC492       | BTP-2/ Internship                          | 0   | 0     | 0   | 8 | PIR  |
| I        | MA101       | Engineering Mathematics-I                  | 3   | 1     | 0   | 4 | MMC  |

## Major-Minor Scheme

The four-year B. Tech. degree with minor in a specific domain will be awarded to those who complete a four-year degree programme with 172 credits and have satisfied the credit requirement by earning 8 additional credits (2 courses) from Open Elective Courses (OEC) provided minimum 5 OECs (Including 2 additional OECs) are earned from the basket of courses prescribed for that particular Minor.

### Computer Science & Engineering

- Artificial Intelligence and Data Science
- Cyber Security
- Computer Science and Engineering (For ECE and MAE)

### Electronics & Communication Engineering

- VLSI & Embedded Systems
- Semiconductor Manufacturing
- Microwave and Communication
- Signal Processing
- Quantum Technologies,
- Electronics and Communication Engg. (For other Branches)

# B. TECH CURRICULUM 2025-26

## Course Structure and Scheme for B.Tech program

### Mechatronics & Automation Engineering (MAE)

| Semester | Course Code | Course Name/Type Name                      | L | T   | P   | C | Type |
|----------|-------------|--|---|-----|-----|---|------|
| I        | MA101       | Engineering Mathematics I                  | 3 | 1   | 0   | 4 | MMC  |
| I        | ME102       | Engineering Graphics                       | 1 | 0   | 3   | 3 | PCC  |
| I        | EC102       | Basic Electrical Engineering               | 3 | 0   | 2   | 4 | IEC  |
| I        | CS101       | Computer Programming                       | 3 | 0   | 2   | 4 | IEC  |
| I        | ME104       | Mechanical Workshop                        | 1 | 0   | 2   | 2 | SEC  |
| I        | ME103       | Engineering Materials                      | 3 | 0   | 0   | 3 | PCC  |
| I        | -           | AEC-1                                      | 2 | 0   | 0   | 2 | AEC  |
| I        | -           | VAC-1                                      |   |     |     | 1 | VAC  |
| II       | EC104       | Electronics Devices and circuits           | 3 | 0   | 2   | 4 | IEC  |
| II       | MA102       | Engineering Mathematics II                 | 3 | 1   | 0   | 4 | MMC  |
| II       | ME101       | Engineering Mechanics                      | 3 | 1   | 0   | 4 | PCC  |
| II       | EC106       | Digital Systems and Microcontrollers       | 3 | 0   | 2   | 4 | IEC  |
| II       | CS106       | Data Structure                             | 3 | 0   | 2   | 4 | IEC  |
| II       | ME113       | Digital Fabrication                        | 1 | 0   | 2   | 2 | SEC  |
| II       | -           | VAC-2                                      |   |     |     | 1 | VAC  |
| III      | ME207       | Fluid Mechanics                            | 3 | 0   | 0   | 3 | PCC  |
| III      | ME201       | Solid Mechanics                            | 3 | 0   | 2   | 4 | PCC  |
| III      | ME202       | Thermodynamics                             | 3 | 0   | 0   | 3 | PCC  |
| III      | MA203       | Probability, Statistics and Random Process | 3 | 1   | 0   | 4 | MMC  |
| III      | CS203       | Object Oriented Programing Concepts        | 3 | 0   | 2   | 4 | IEC  |
| III      | -           | EVS /IKS                                   | 2 | 0   | 0   | 2 | VAC  |
| III      | SAI I       | Summer Internship 1                        | 0 | 0   | 0   | 1 | PIR  |
| IV       | ME208       | Kinematics and Dynamics of Machines        | 3 | 0   | 2   | 4 | PCC  |
| IV       | ME203       | Electrical Machine                         | 3 | 0   | 2   | 4 | PCC  |
| IV       | ME206       | Manufacturing Science                      | 3 | 0   | 2   | 4 | PCC  |
| IV       | EC220       | Control Systems                            | 3 | 1   | 0   | 4 | IEC  |
| IV       | ME209       | Microcontroller and Interface              | 3 | 0   | 2   | 4 | IEC  |
| IV       | -           | EVS /IKS                                   | 2 | 0   | 0   | 2 | VAC  |
| V        | HS301       | Principles of Management                   | 3 | 0   | 0   | 3 | AEC  |
| V        | -           | Open elective-1                            | 3 | 1/0 | 0/2 | 4 | OEC  |
| V        | -           | Open elective-2                            | 3 | 1/0 | 0/2 | 4 | OEC  |
| V        | ME307       | Design of Machine Elements                 | 3 | 1   | 0   | 4 | PCC  |
| V        | ME302       | Sensor and actuator                        | 3 | 0   | 2   | 4 | PCC  |
| V        | -           | Program Elective-1                         | 3 | 1/0 | 0/2 | 4 | PEC  |
| V        | SAI II      | Summer Internship 2                        | 0 | 0   | 0   | 1 | PIR  |
| VI       | ME303       | Mechatronics and Automation                | 3 | 0   | 2   | 4 | PCC  |
| VI       | ME308       | Robotics                                   | 3 | 0   | 2   | 4 | PCC  |
| VI       | -           | Open elective-3                            | 3 | 1/0 | 0/2 | 4 | OEC  |
| VI       | -           | Program Elective-2                         | 3 | 1/0 | 0/2 | 4 | PEC  |
| VI       | -           | Program Elective-3                         | 3 | 1/0 | 0/2 | 4 | PEC  |
| VI       | -           | Open elective-4                            | 3 | 1/0 | 0/2 | 4 | OEC  |
| VII      | ME491       | B.Tech Project-1                           | 0 | 0   | 0   | 4 | PIR  |
| VII      | -           | Program Elective-4                         | 3 | 1/0 | 0/2 | 4 | PEC  |

### Mathematics & Computing (M&C)

| Semester | Course Code | Course Name/Type Name                    | L   | T   | P   | C | Type |
|----------|-------------|--|-----|-----|-----|---|------|
| I        | MA107       | Linear Algebra                           | 3   | 1   | 0   | 4 | PCC  |
| I        | MA106       | Abstract Algebra                         | 3   | 1   | 0   | 4 | PCC  |
| I        | MA108       | Real Analysis and Multivariable Calculus | 3   | 1   | 0   | 4 | PCC  |
| I        | CS101       | Computer Programming                     | 3   | 0   | 2   | 4 | IEC  |
| I        | CS113       | IT Workshop                              | 1   | 0   | 2   | 2 | SEC  |
| I        | -           | AEC-1                                    | 2   | 0   | 0   | 2 | AEC  |
| I        | -           | VAC-1                                    | 0/1 | 0   | 2/0 | 1 | VAC  |
| II       | MA109       | Differential Equations                   | 3   | 1   | 0   | 4 | PCC  |
| II       | MA103       | Complex Analysis                         | 3   | 0   | 0   | 3 | PCC  |
| II       | EC102       | Digital Design                           | 3   | 0   | 2   | 4 | IEC  |
| II       | CS106       | Data Structure                           | 3   | 0   | 2   | 4 | IEC  |
| II       | CS104       | Web Technology                           | 1   | 0   | 2   | 2 | SEC  |
| II       | -           | VAC-2                                    | 0/1 | 0   | 2/0 | 1 | VAC  |
| III      | CS201       | Design and Analysis of Algorithm         | 3   | 0   | 2   | 4 | IEC  |
| III      | MA202       | Discrete Mathematics                     | 3   | 1   | 0   | 4 | PCC  |
| III      | CS207       | Computer Organization and Architecture   | 3   | 1   | 0   | 4 | IEC  |
| III      | MA203       | Probability and Statistics               | 3   | 1   | 0   | 4 | PCC  |
| III      | CS203       | Object Oriented Programing Concepts      | 3   | 0   | 2   | 4 | IEC  |
| III      | -           | EVS /IKS                                 | 2   | 0   | 0   | 2 | VAC  |
| III      | SAI I       | Summer Internship 1                      | 0   | 0   | 0   | 1 | PIR  |
| IV       | CS205       | Formal Language and Automata Theory      | 3   | 1   | 0   | 4 | IEC  |
| IV       | CS204       | Database Management System               | 3   | 0   | 2   | 4 | IEC  |
| IV       | CS206       | Operating Systems                        | 3   | 0   | 2   | 4 | IEC  |
| IV       | CS208       | Artificial Intelligence                  | 3   | 0   | 2   | 4 | IEC  |
| IV       | MA204       | Optimization                             | 3   | 1   | 0   | 4 | PCC  |
| IV       | -           | EVS /IKS                                 | 2   | 0   | 0   | 2 | VAC  |
| V        | HS301       | Principles of Management                 | 3   | 0   | 0   | 3 | AEC  |
| V        | -           | Open elective-1                          | 3   | 1/0 | 0/2 | 4 | OEC  |
| V        | CS307       | Machine Learning                         | 3   | 0   | 2   | 4 | IEC  |
| V        | MA301       | Mathematical Finance                     | 3   | 0   | 2   | 4 | PCC  |
| V        | MA303       | Numerical Analysis and Computing         | 3   | 0   | 2   | 4 | PCC  |
| V        | -           | Program Elective-1                       | 3   | 1/0 | 0/2 | 4 | PEC  |
| V        | -           | Summer Internship 2                      | 0   | 0   | 0   | 1 | PIR  |
| VI       | MA308       | Stochastic Process                       | 3   | 0   | 2   | 4 | PCC  |
| VI       | MA309       | Number theory and Cryptography           | 3   | 1   | 0   | 4 | PCC  |
| VI       | -           | Program Elective-2                       | 3   | 0   | 2   | 4 | PEC  |
| VI       | -           | Program Elective-3                       | 3   | 1/0 | 0/2 | 4 | PEC  |
| VI       | -           | Open Elective-2                          | 3   | 1/0 | 0/2 | 4 | OEC  |
| VI       | MA391       | Mini Project                             | 0   | 0   | 0   | 2 | PIR  |
| VII      | MA491       | B.Tech Project-1                         | 0   | 0   | 0   | 4 | PIR  |
| VII      | -           | Program Elective-4                       | 3   | 1/0 | 0/2 | 4 | PEC  |

### Major-Minor Scheme:

**Mechatronics & Automation Engineering**

- Electric Vehicle Technology
- MEMS and Sensor Design
- Mechatronics & Automation Engineering (For other department)

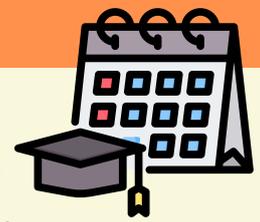
**Mathematics & Computing**

- Computational Intelligence
- Mathematics and Computing (For other Departments)

### B.Tech Honours Scheme

A student will be awarded B.Tech (Honours) degree in the Major discipline to whom who completed the credit requirement of four-year B.Tech degree programme and earned 8 Additional Credits through Program Elective Courses and research work and have a CGPA of 8.0 or more (Excluding Additional Credits). Students must earn at least 4 credits through UG Research Work against the 8 additional credits. Further, the research work should result in publishing at least one research paper SCI/SCIE/SCOPUS journals in relevant areas.

# ACADEMIC CALENDAR



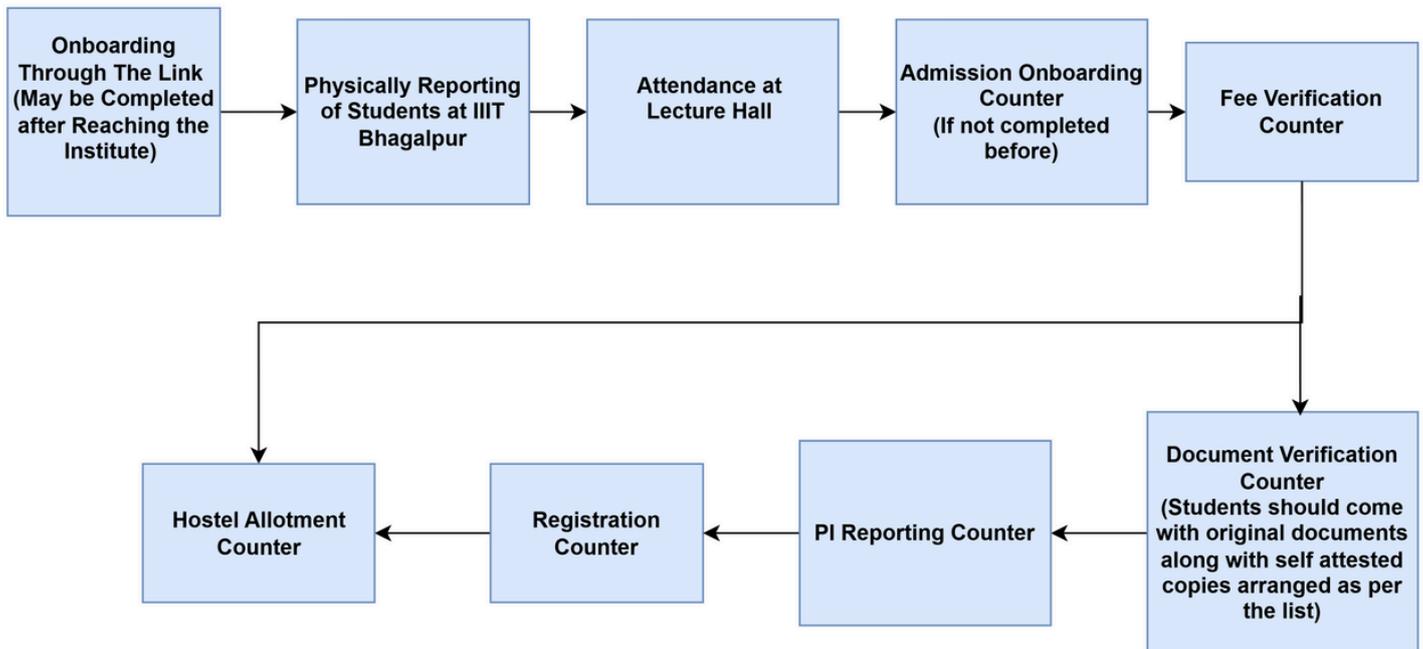
## Autumn Session

| Date                        | Day                  | Description  |
|-----------------------------|----------------------|--|
| 21-Jul-2025 and 22-Jul-2025 | Monday and Tuesday   | Course Registration for UG, PG, and PhD students   |
| 23-Jul-2025                 | Wednesday            | Commencement of Teaching for 2 <sup>nd</sup> , 3 <sup>rd</sup> and 4 <sup>th</sup> year U/G students |
| 19-Sep-2025                 | Friday               | Attendance Shortage Notification before Mid-Semester by Respective Academic Departments              |
| 20-Aug-2025 and 22-Aug-2025 | Wednesday and Friday | Course registration and Document Verification (in person) for B.Tech 1 <sup>st</sup> year Students.  |
| 23-Aug-2025 and 24-Aug-2025 | Saturday and Sunday  | Orientation cum Induction Program for B.Tech 1 <sup>st</sup> Year Students                           |
| 22-Sep-2025 to 28-Sep-2025  | Monday to Sunday     | Mid-Semester Examinations  |
| 27-Oct-2025                 | Monday               | Last Date for Showing Evaluated Midsem Answer Scripts To the Students                                |
| 20-Nov-2025                 | Thursday             | Teaching Ends  |
| 21-Nov-2025                 | Friday               | Display of Sessional Marks and Attendance Shortage Notification                                      |
| 24-Nov-2025 To 30-Nov-2025  | Monday to Sunday     | End Semester Examinations  |
| 1-Dec-2025                  | Monday               | Commencement of Winter vacation for Students   |
| 15-Dec-2025                 | Monday               | Last Date for Conducting M.Tech Presentations and PhD Progress Seminar.                              |
| 16-Dec-2025                 | Tuesday              | Last Day of Online Course Feedback   |
| 17-Dec-2025                 | Wednesday            | Last Date for Showing Evaluated End-Semester Answer Scripts to the Students                          |
| 18-Dec-2025                 | Thursday             | DUPC-DPPC Meeting  |
| 19-Dec-2025                 | Friday               | IUPC-IPPC Meeting  |
| 22-Dec-2025                 | Monday               | Declaration of Result  |

## Spring Session

| Date                        | Day                | Description  |
|-----------------------------|--------------------|--|
| 5-Jan-2026 and 6-Jan-2026   | Monday and Tuesday | Course Registration for all UG, PG, and PhD students                             |
| 20-Feb-2026 To 22-Feb-2026  | Friday to Sunday   | Enyugma (Annual Techno and Cultural Fest)  |
| 9-Mar-2026 to 15-Mar-2026   | Monday to Sunday   | Mid Semester Examinations  |
| 27-Mar-2026 To 29-Mar-2026  | Friday to Sunday   | Udyatva (Annual Sports Meet)   |
| 2-Apr-2026                  | Thursday           | Last Date for Showing Evaluated Midsem Answer Scripts To the Students            |
| 29-Apr-2026                 | Wednesday          | Teaching Ends  |
| 30-Apr-2026                 | Thursday           | Display of Sessional Marks and Attendance Shortage Notification                  |
| 4-May-2026 to 10-May-2026   | Monday to Sunday   | End Semester Examinations  |
| 11-May-2026                 | Monday             | Commencement of Summer vacation for Students and Industrial Training/Internship. |
| 22-May-2026                 | Friday             | Last Day of Online Course Feedback   |
| 25-May-2026                 | Monday             | Last Date for Showing Evaluated End-semester Answer Scripts to the Students      |
| 26-May-2026                 | Tuesday            | DUPC-DPPC Meeting  |
| 27-May-2026                 | Wednesday          | IUPC-IPPC Meeting  |
| 29-May-2026                 | Friday             | Declaration of Result  |
| 22-Jun-2026 to 25-June-2026 | Monday to Thursday | Supplementary Examinations   |
| 9-Jul-2026                  | Thursday           | Supplementary Examination Grade Submission                                       |
| 10-Jul-2026                 | Friday             | Last Date for Conducting M.Tech Presentations                                    |
| 22-July-2026                | Wednesday          | Last Date for Conducting PhD Progress Seminar.                                   |

## Admission cum Registration Procedure



## Education Loan & Scholarship

- National Scholarship Portal (<https://scholarships.gov.in/>)
- Central Sector/PSUs Scholarships
- State Government Fee Reimbursement Schemes
- Education Loan Assistantship (UCO, Canara, PNB, SBI)

## Facilities & Resources



### Computer Centre (CC)

Responsible for maintenance of day-to-day computational requirements. It arranges all the requirements that faculty & student community can use including uninterrupted Internet Access, E-mailing Facilities, and Computation Facilities. The Centre is equipped with 04 DELL PowerEdge R730 Servers of Max Turbo Speed 2.20 GHz with 12 cores & 64 GB RAM.

### Air-conditioned Classrooms

The institute has 10 air-conditioned classrooms at the academic block. Each classrooms are equipped with 2 & 3 seater desks, Projector, 43" LED TV, Amplifier, Wireless MIC, Presenter, and Sound System.



### State-of-Art Laboratories

Each department has well equipped with the advanced electronic hardware, mechanical workshop, Desktops, HPC Servers, etc., which will be useful for hands-on experience.



## Vikramshila Central Library

- Library has 12744+ printed volumes from reputed publishers.
- Books are meticulously organized using Decimal classification scheme.
- Equipped with automated library LMS using KOHA.
- OPAC to search all books available.



### Circulation Hours

9.30 AM to 5.30 PM (Monday-Friday)

### Reading and Consultation facility

9.30 AM to 9.30 PM (Monday-Sunday)

## Other Facilities

### Boy's & Girl's Hostels

**Kautilya Boys Hostel and Kadambini Girls Hostel provide following amenities:**

- Dedicated Internet (LAN & Wi-Fi network to each students.
- RO water & Chiller facility.
- Mess, Catering, and Night Canteen Services.
- Barbour Shop for Boy's & Parlor for Girl's.
- Common hall consists of Gym, & Recreational center.
- Guest House with amenities.
- Indoor Sports facility.

### Sports & Gym Facilities

**IIIT Bhagalpur provides various sports and gym facilities, including:**

- Basic Gym facility is installed at Kautilya Boys & Kadambini Girls Hostels.
- Indoor sporting like Chess, Ludo, Carrom, etc.
- Cricket ground, football field, volleyball and playground for outdoor activities.
- Annual Sports Festival "UDYATVA" is organized at the Institute.
- Badminton Court & Volleyball court at Girl's Hostel.



### Medical Centre



### Medical Services & Insurance

- The Institute provides basic OPD services. The doctor is available 24\*7 in the medical Centre.
- A dedicated sick room is available in the for round-the-clock observation.
- All students are covered by medical insurance.
- For cases requiring hospitalization, many private hospitals with state-of-the-art medical facilities are available nearby.

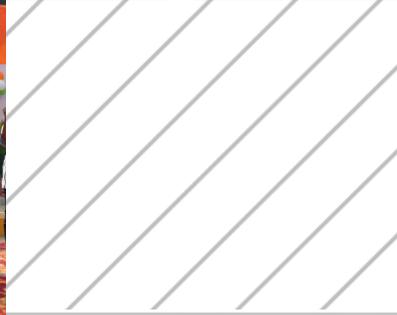
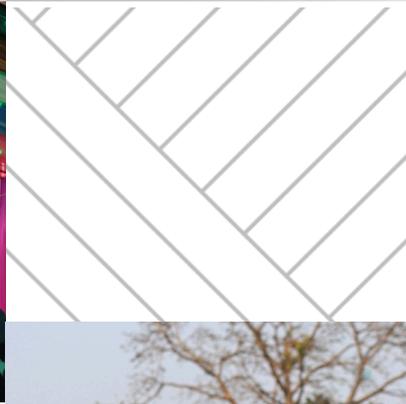
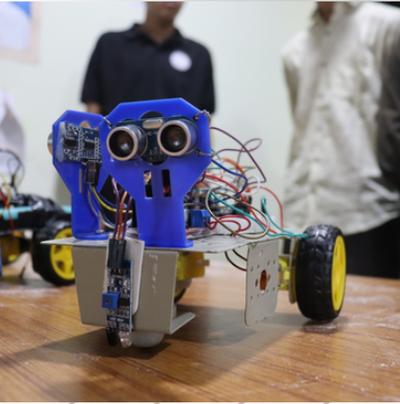


### Guest House

### Highly Qualified & Experienced Faculty

Faculty expertise plays a critical role in higher education. Faculty members are responsible for shaping the education and future of students, and their expertise in their respective fields is paramount to this process. At IIIT Bhagalpur, all faculties have completed their PhD degrees from reputed institutions like IITs, NITs, other CFTIs.

# STUDENT ACTIVITIES



## Technical Clubs



PyC

(Coding club)



REC

(Robotics & Electronics club)



DevC

(Development club)



AIC

(AI ML club)



E-Cell

(Entrepreneurship cell)



CySec

(Cyber Security club)

## Cultural Clubs



Samwaad

(Literature club)



Xpression

(Drama club)



Tarang Sargam

(Singing & Music club)



Gyrate

(Dance club)



Reflection

(Photography club)



Cinamara

(Cinematography club)



Mysteve

(Fine Art club)



Animation

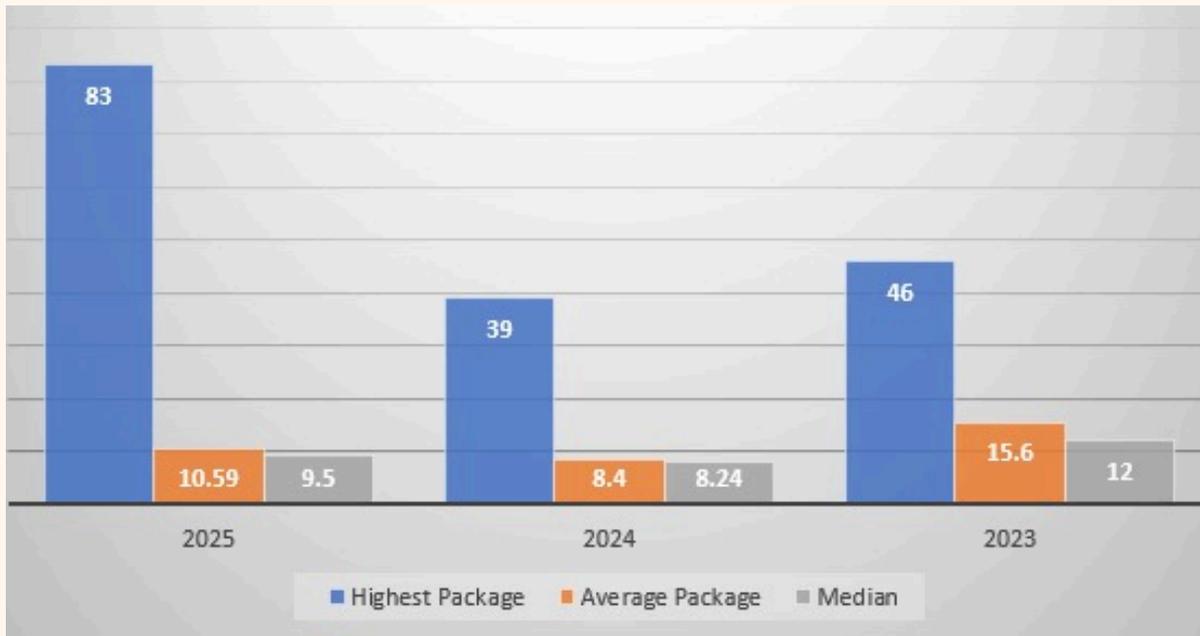
(Animation club)

# Training and Placement



The Training & Placement Cell at IIIT Bhagalpur is dedicated to bridging the gap between academia and industry. We ensure that our students are not only academically proficient but also industry-ready, with the necessary skills and competencies to thrive in their professional careers.

## Placements over the years



## Top Recruiters



## Academic Internship



# Anti Ragging



## ANTI-RAGGING POLICIES

Institute follows zero tolerance policy against the ragging and encourages to report the incidence of ragging without any fear and delay.

UGC has revised the procedure for students to submit the Anti Ragging undertaking. Now the procedure is completely online and students are not required to submit any hard/ printed affidavit in the Institute. This procedure has been changed with the view to conserve paper and hence to protect our environment and to reduce compliance burden of its stakeholders. To complete the anti-ragging undertaking/ affidavit modalities flawlessly, a session would be arranged. Relevant details (time slot and venue) in this regard would be informed during the inaugural session.

ANTI-RAGGING  
AFFIDAVITS

## ANTI RAGGING COMMITTEE

|     |   |   |          |
|-----|---|---|----------|
| 1.  | Dr. Dheeraj Kr. Sinha   | Associate Dean, Student Welfare   | Chairman |
| 2.  | Dr. Himadri Nayak   | Associate Dean, Academic Affairs  | Member   |
| 3.  | Dr. Gaurav Kumar  | Registrar   | Member   |
| 4.  | Dr. Pradeep Kr. Biswal  | HoD, CSE  | Member   |
| 5.  | Dr. Dhruvajyoti Bhattacharya  | HoD, ECE  | Member   |
| 6.  | Dr. Abhinav Gautam  | HoD, MAE  | Member   |
| 7.  | Dr. Pankaj Kr. Tiwari   | HoD, M&C  | Member   |
| 8.  | Dr. Prakash Ranjan  | Coordinator, Hostel Affairs Board                                       | Member   |
| 9.  | Dr. Chetan Barde  | Warden-1, Kautilya Boy's Hostel   | Member   |
| 10. | Dr. Tameshwer Nath  | Warden-2, Kautilya Boy's Hostel   | Member   |
| 11. | Ms. Abhilasha Bharti  | Warden, Kadambini Girl's Hostel<br>Assistant Registrar, Student Welfare | Member   |
| 12. | Mr. Kaushal Bharti  | Representative of Civil & Police Administration                         | Member   |
| 13. | Mr. Balram Mishra   | Local Media Representative  | Member   |
| 14. | Dr. Shweta Pathak, Asst. Professor, Dept. of Psychology, TNB College, Bhagalpur | One ladies faculty from other institution                               | Member   |

### NATIONAL RAGGING PREVENTION PROGRAMME

National Anti-Ragging Helpline

24x7 Toll Free

1800-180-5522

helpline@antiragging.in | www.antiragging.in

UGC Monitoring Agency

antiragging@c4ying.org | www.c4yindia.org

**'RAGGING IS A CRIMINAL OFFENCE  
AND THE CULPRITS WILL ATTRACT  
PUNITIVE ACTION AS MENTIONED  
IN THE UGC REGULATIONS'**





# HOW TO REACH ?



## From Bhagalpur Junction

Bhagalpur can be reached by auto, taxi etc. and it takes around 45 min to 1 hour. The Delhi-Guwahati/Dibrugarh Rajdhani express has stoppage at Bhagalpur railway station.



## Directions from Patna Airport

One can reach Bhagalpur City in 6 to 7 hours by taking a cab or boarding trains from Patna Railway Junction. A number of direct trains are available from Patna to Bhagalpur. Other alternatives include travelling by bus which daily ply from Patna to Bhagalpur City via NH31 or NH33.



## Directions from Deoghar Airport

Deoghar, Jharkhand One can reach Bhagalpur City via road in 2 to 3 hours by taking a cab or by bus which daily ply from Deoghar to Bhagalpur



# CONTACT US

## Contact Address:

Indian Institute of Information  
Technology Bhagalpur  
Sabour, Bhagalpur - 813210

## Admission Queries:

### B.Tech

Dr. Suraj  
Email: admission[AT]iiitbh.ac.in  
Mobile: +91 8986670638

### P.G (M.Tech & PhD)

Dr. Sandeep Raj  
Email: sraj.ece[AT]iiitbh.ac.in  
Mobile: +91-9386199102

## Financial Aid Queries:

Dr. Dheeraj Kumar Sinha  
Email: dosa[AT]iiitbh.ac.in  
Mobile: +91-7632995205  
99557714542

## Academic Affairs:

Dr. Himadri Nayak  
Email: doaa[AT]iiitbh.ac.in  
Mobile: +91-7632995210

## Training & Placement Queries:

Dr. Gaurav Kumar  
Email: tnp\_fic[AT]iiitbh.ac.in  
Mobile: +91-7484055317

## Public Relation Officer:

Dr. Dheeraj Kumar Sinha  
Email: pro[AT]iiitbh.ac.in  
Mobile: +91-7632995205

## CPIO:

Dr. Sanjay Kumar  
Email: cpio[AT]iiitbh.ac.in  
Mobile: +91-8957894601  
+91-7571083103