



भारतीय सूचना प्रौद्योगिकी संस्थान भागलपुर  
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY BHAGALPUR

An Institute of National Importance Under Act of Parliament

# PLACEMENT BROCHURE 2021-2022



Indian Institute of Information Technology Bhagalpur, Bhagalpur, Bihar

# TABLE OF CONTENTS

01-02  
ADDRESSES  
DIRECTOR'S DESK  
TPC FIC'S



03-04  
ABOUT  
ABOUT IIITBH  
ACADEMIC PROGRAMS

15-20  
ACADEMICS - MEA  
COURSES  
FACILITIES & RESOURCES



21  
CENTRAL  
FACILITIES

05-09  
ACADEMICS- CSE  
COURSES  
FACILITIES & RESOURCES



10-14  
ACADEMICS- ECE  
COURSES  
FACILITIES & RESOURCES

22-23  
STUDENT'S  
TECHNICAL CLUBS  
HACKATHON IIITBH



24  
EXTRACURRICULAR  
ACTIVITIES  
CULTURAL CLUBS

25  
FESTS  
SPORTS / FEST



26  
MENTOR INSTITUTE  
IITG

33  
PLACEMENT  
PROCEDURE



34  
REACH  
REACHING IIITBH

27  
DEMOGRAPHY



28-32  
INTERNSHIPS,  
RECRUITERS,  
STATISTICS

35-36  
IIITBH IN NEWS



37  
TPC BRIGADE

# DIRECTOR'S DESK



Indian Institute of Information Technology Bhagalpur (IIIT Bhagalpur) is one of the IIITs set up by MHRD, Govt of India and it is an institute of national importance. It started functioning from the academic year 2017 in the city Bhagalpur. Bhagalpur is a city of historical importance on the southern banks of the river Ganges in the state of Bihar. The region has witnessed great educational history by having ancient universities such as Vikramshila University and Nalanda University. Indian Institute of Information Technology Bhagalpur is a joint venture of Govt. of India (50%), Govt. of Bihar (35%) and BELTRON (15%). The institute is fully residential and has separate hostels for boys and girls with proper security arrangements and other facilities. The institute offers B. Tech, M. Tech & PhD in three branches, namely Computer Science & Engineering, Electronics & Communication Engineering and Mechatronics Engineering.

The institute has developed all the state-of-the-art laboratories for the BTech curriculum. We have highly motivated and qualified faculties who have developed a world-class learning environment in the institute. The syllabus of IIIT Bhagalpur has been developed by the experts of the various domains taking into account the need of society and industry. A special course such as: • Society – Academia – Industry Internship has been introduced in the curriculum for the summer break in 2nd, 4th and 6th semester of B. Tech program to address the issues of the society. • Further the curriculum also incorporates one semester the 8th semester of the B. Tech curriculum completely vacant for the industrial internship. • In addition to that foreign language course has also been introduced in the 7th semester to make them eligible to work in the global environment. The institute focuses on all round development of students, and enables them to have both soft skills as well as technical skills. I would like to invite all prospective employer and trainer from India and abroad to visit the campus for the internship/recruitment process. I am sure you will witness the outcome of excellence in teaching and learning environment created at IIIT Bhagalpur. The institute also encourages for pre-placement talks/ early placement session/e-placement session. An information brochure has also been prepared to make you understand the academic program at IIIT Bhagalpur. I look forward to your wholehearted support and engagement with us.

**Prof. Arvind Choubey**  
**Director, IIIT Bhagalpur**

“

**IIIT Bhagalpur will soon emerge and prove itself as one of the best institutes in the field of  
Information Technology and IT enabled automation**

# ADDRESS FROM TPC FIC



IIIT Bhagalpur is progressing rapidly since its inception in 2017. I feel privileged to invite you for the recruitment of final year student of IIIT Bhagalpur of batch 2018-2022. We are currently functioning with 3 departments namely, Computer Science & Engineering, Electronics & Communication Engineering and Mechatronics Engineering. However, the institute started with only 2 branches and the 1st batch of institute of Department of Computer Science & Engineering and Department of Electronics & Communication Engineering graduated in year 2021.

The faculties of the institute have taken special care to impart practical learning to the students. The students are encouraged to engage with the social problems of the society. We are sure that students of IIIT Bhagalpur will be able to excel in any challenging environment. The training & Placement cell IIIT Bhagalpur would like to welcome you to visit our campus in offline or virtual mode for selecting candidates for the placement. Any logistic requirement for the smooth conduct of the selection process will be provided by us. I earnestly request you to consider our students as potential employees of your organization. Kindly, feel free to contact us for any clarification and support.

**Dr. Gaurav Kumar  
Faculty In Charge  
Training & Placement Cell**

“

**The expert at anything was once a beginner.**

— Helen Hayes



Indian Institute of Information Technology Bhagalpur is an institute of national importance and a joint venture of Govt. of India (50%), Govt. of Bihar (35%) and BELTRON (15%).



IIIT Bhagalpur started its first academic session under the mentorship of IIT Guwahati on 1st August 2017 in a temporary building of Bhagalpur College of Engineering. The institute is situated on the bank of the holy river Ganga, 250 km away from the city Patna, the capital of Bihar.



The institute is fully residential and has separate hostels for boys and girls. 50 Acres of Land has been provided by the Govt. of Bihar and construction work is likely to start soon. The institute is operating in a temporary building but all the required laboratory development has been done as per the curriculum design.

## WE INNOVATE, WE LEAD

IIIT Bhagalpur's motto of achieving excellence through the amalgamation of mind, body, heart, and soul is exhibited through a myriad of extracurricular activities that range from sports, clubs, hostel events to college fests. Students develop themselves in various areas as they take up versatile roles, such as managing the entire student body, organizing festivals, competing fiercely in national and international competitions, and also taking up several social initiatives along the way.



# ABOUT IIIT BHAGALPUR



# ACADEMIC PROGRAMS



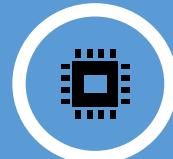
## Computer Sc. & Engineering

(B.Tech, M.Tech & PhD Programme)



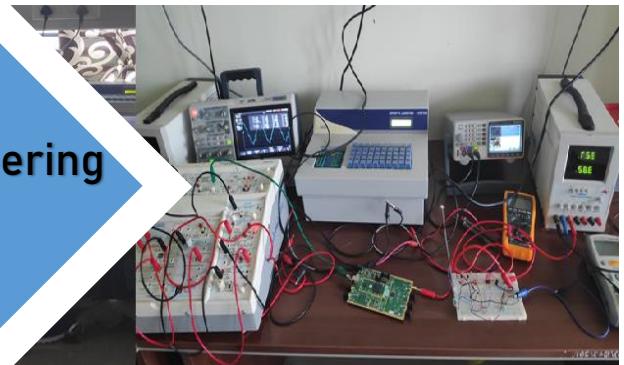
1

2



## Electronics & Communication Engineering

(B.Tech, M.Tech & PhD Programme)



## Mechatronics Engineering

(B.Tech, M.Tech & PhD Programme)



3

4



The department has a meticulous curriculum on topics related to all aspects of computer hardware and software with an emphasis on practical learning.

It provides an ideal environment for the students to think beyond the sphere and contribute through rigorous research and publications.

The department has a thriving research environment in the areas of Algorithms, Internet of Things, Computer Vision, Image and Video Processing, Cloud Computing, System and Networking.

### VISION & MISSION



Producing high-quality industry-ready Computer engineers to cater to the needs of society and country.

Produce and nurture quality engineers in Computer Science & Engineering.

Impart state of the art knowledge in Computer Science & Engineering.

Conduct cutting-edge research in the fields of CSE and Collaborate with R&D establishment and industry.

Provide consultancy services in the field of ICT.

Giving students intensive hands-on experience designing, developing, and implementing software and hardware skills.

## WELCOME

The Department of Computer Sci. and Engineering at the Indian Institute of Information Technology was established in the year 2017. The department boasts of its exceptional research culture and innovation in different spheres of Computer Science. The department presents a unique symbiosis between the different streams as they are inter-collaborated to collectively present novel ideas to the research world.





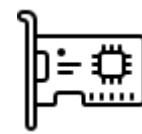
## Core Courses

- ✓ Computer Programming
- ✓ Digital Design
- ✓ Electrical Circuit Analysis
- ✓ Computer Organization
- ✓ Data Structures
- ✓ Basic Electronic Circuits
- ✓ Object Oriented Programming
- ✓ Design & Analysis of Algorithms
- ✓ Database Management System
- ✓ Formal Language and Automata
- ✓ Operating System
- ✓ Data Communications
- ✓ Artificial Intelligence
- ✓ Software Engineering
- ✓ Digital Signal Processing
- ✓ IoT and Embedded System
- ✓ Microprocessor and Interfacing
- ✓ Computer Networks
- ✓ Computer Graphics
- ✓ Machine Learning
- ✓ Compiler Design



## Open Elective & Other Courses

- ✓ Optimization Methods
- ✓ Block Chain Technology
- ✓ Computational Intelligence
- ✓ Mobile Computing
- ✓ Software Reliability and Quality Assurance
- ✓ Introduction to Data Science
- ✓ Renewable Energy and Applications
- ✓ Mathematics – I, II, III
- ✓ Discrete Mathematics
- ✓ Probability and Random Process
- ✓ Environmental Science and Green Technology
- ✓ Professional Ethics for Engineers
- ✓ Foreign Language
- ✓ Society Academia Industry Internship



## Network & Security Electives

- ✓ Data Compression and Protection
- ✓ Introduction to Cryptography
- ✓ Wireless Sensor Network
- ✓ Network Security
- ✓ Introduction to Cyber Security and Forensics
- ✓ Hardware Security



## Hardware & Systems Electives

- ✓ Advanced Computer Architecture
- ✓ Distributed Operating Systems, VLSI Design
- ✓ Verification and Test
- ✓ Foundations of Cloud Computing
- ✓ Introduction to Networks on Chip
- ✓ Introduction to Multimedia Systems



## Theory & Machine Intelligence Electives

- ✓ Formal Methods & Verification
- ✓ Introduction to Data mining
- ✓ Computational Geometry
- ✓ Information Retrieval
- ✓ Advanced Algorithms
- ✓ Introduction to Deep Learning

## M.Tech in Artificial Intelligence & Data Science

- ✓ Statistical Foundation for Data Science
- ✓ Advanced Data Structures and Algorithms
- ✓ Artificial Intelligence
- ✓ Data Mining
- ✓ Advanced Algorithms Lab
- ✓ Artificial Intelligence Lab

- ✓ Mathematical Foundation for Data Science
- ✓ Machine Learning
- ✓ Computational Intelligence
- ✓ Machine Learning Lab
- ✓ R Programming Lab

### Electives

- ✓ Data Visualization
- ✓ Advanced Database Systems
- ✓ Big Data and Cloud Computing
- ✓ Natural Language Processing
- ✓ Fundamentals of Information Retrieval
- ✓ Introduction to Reinforcement Learning
- ✓ Introduction to Blockchain Technology
- ✓ Deep Learning and its Applications
- ✓ Introduction to Pattern Recognition

# Facilities and Resources

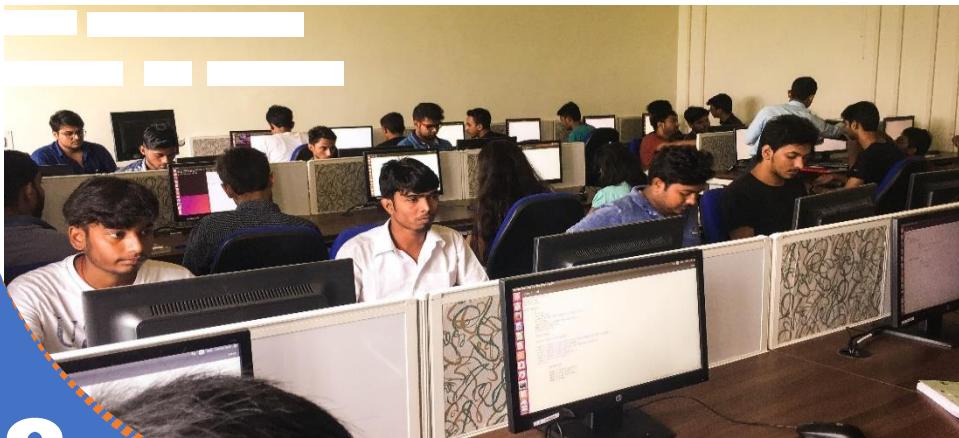


## Programming Lab

Gaining extensive programming skills is a basic necessity of an engineering student. This lab is dedicated to enhancing the programming skills of the students by giving practical assignments and requisite knowledge about various programming languages through various software, hardware, projector, and other necessary interactive tools so that students can make their applications and projects. This lab is accessible to all department students for practicing programming languages such as C, C++, Python, Java, and Data structures practical's.

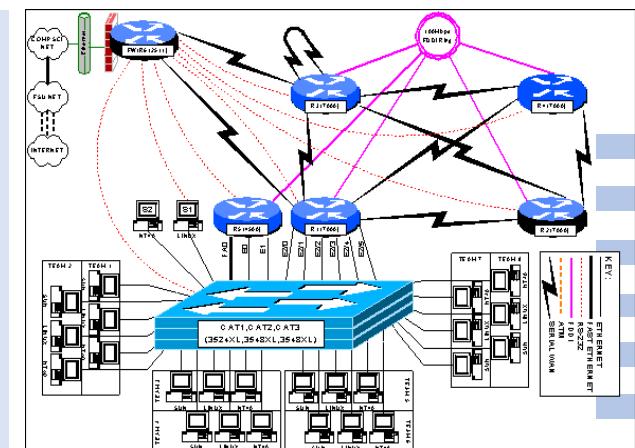
## Artificial Intelligence Lab

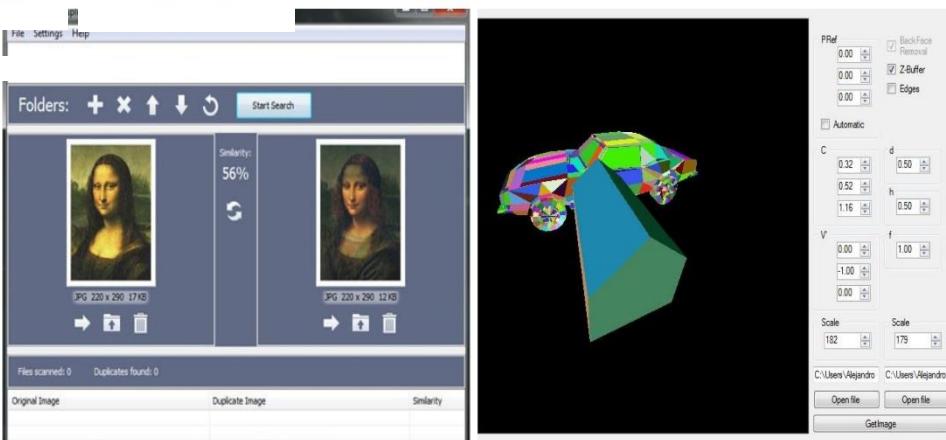
This lab plays a vital role in uplifting the technical skills of the students of IIIT Bhagalpur for taking up challenges in the IT industry. Students utilize this lab to carry out experiments in various undergraduate courses like Artificial Intelligence and Machine Learning. Apart from this, various research-based projects have been conducted through the software and hardware facilities present in this lab.



## Networks Lab

This lab consists of an interconnected network of systems, wireless devices, servers' workstations, equipped with the necessary software, hardware, and simulators and is accessible to students for practicing communications and networks practical, projects, mobile computing, wireless communication practical and is a center for Internet of Things and cloud computing research.



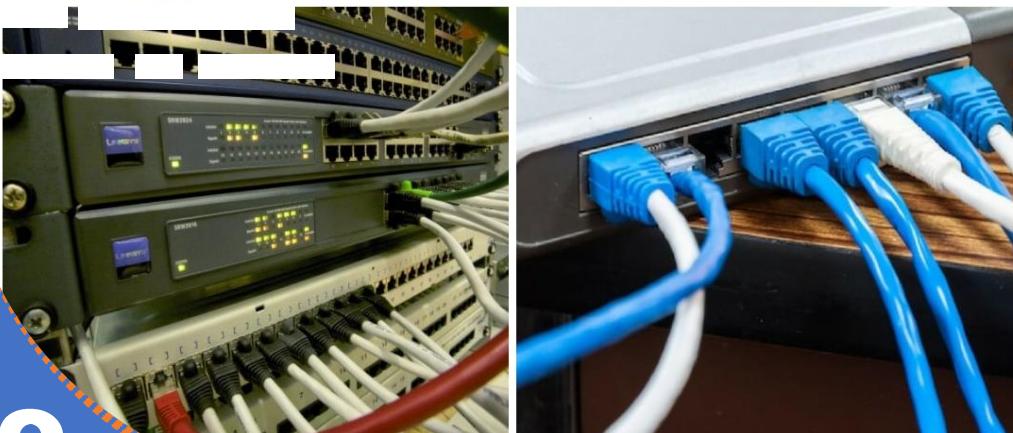


## Computer Graphics and Image Processing Lab

This lab focuses on research and development of next-generation Computer Graphics Applications, processing, filtering, enhancement, and segmentation of images, visual information processing, augmented reality technology, 3D image technologies. This lab consists of high-end processing systems with good computing facilities all the necessary software such as MATLAB, hardware tools, and simulators. Students use this lab for practicing GPU computing, computer graphics and image processing, implementation, analysis, and evaluation of computer graphics area.

## System Software Lab

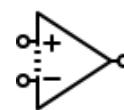
Software system areas such as distributed systems, operating system design, the database are the main research focus under the computer science field. This lab is dedicated to the research and development of enabling technologies and applications in the area of system software. The lab consists of workstations, wireless systems, UNIX, and Window Servers with all other necessary software and hardware installed. The lab is accessible to students for practicing compiler design, operating system, and database practical and research.



## Internet Hub

The smart internet hub at IIIT Bhagalpur provides high-speed Ethernet and Wireless connectivity facilities for all department students to work in their free time. The hardware supporting the intranet includes various types of high and branded routers, switches, load balancers with state-of-the-art Intel XEON-based Servers having a good configuration to support IT-Infrastructure on the campus.

The Department of Electronics and Communication Engineering (ECE) has been evolving since the inception of IIIT Bhagalpur in the year 2017. This department is developed in response to the needs of the industry. The course gives an advanced level of knowledge and skills required for designing complex electronic and communication systems. The main objective of the department is to impart high-quality education and to encourage students to pursue research. We combine theory with practical projects about advanced technology helping our students to work at the forefront of all the major areas of electronic engineering.



We have a teaching style that is research-led, with the latest and pioneering technologies being taught as a part of the course. We aim to produce graduates who are high-tech and greatly sought-after professionals with specialist understanding and skills in communication, but who also have affirmed knowledge of electronic engineering as a whole.



The unique blend of CSE and ECE have made our students competent to face the tough challenges of the ECE branch with emphasis on Communications, Digital Signal Processing, Microelectronics, VLSI, IoT & Embedded Systems, Image Processing, and Computer Vision, Microwave Engineering Robotics coupled with coding and other IT perspectives.



Our department has great infrastructure and facilities to bring practical knowledge at par with the global competitive environment, the students of this department are highly competent and ever enthusiastic.

## UNIQUE FEATURES

Some of the most distinguished research faculty trained in institutes of national and international importance and industry are involved in the teaching of UG students.

1

Offers a strong conceptual foundation in electronics and communication engineering.

2

Gives students intensive hands-on experience in designing and building electronics hardware.

3

Provides students with an abundance of research opportunities in leading-edge areas of electronics and communications engineering, particularly signal processing, communications, VLSI & embedded systems.

Has one of the most rigorous student evaluation systems among premier technology schools in the country.

4

Offers students, in the first semester of the third year, the option of specializing in either VLSI & embedded systems or signal processing & communications.



# UG ECE COURSES

## Signal Processing

- ✓ Signals and Systems.
- ✓ Digital Signal Processing.
- ✓ Computer Vision and Image Processing.
- ✓ Biomedical Signal Processing.



## Microwave & Communication

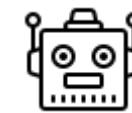
- ✓ Analog Communication
- ✓ Digital Communication
- ✓ Recent trends in Wireless Communication
- ✓ Electromagnetic Theory
- ✓ Antenna & Microwave Engineering
- ✓ Optical Communication



## Elective & Other Courses

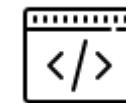
- ✓ Advanced Topics in Signal Processing
- ✓ RF Integrated Circuit Design
- ✓ Smart Sensors and Networks
- ✓ Information Theory & Coding
- ✓ Parallel Algorithm
- ✓ Cloud Computing
- ✓ Microwave Integrated Circuits
- ✓ Computational Electromagnetic
- ✓ Biomedical Instrumentation
- ✓ Block Chain Technology

- ✓ Mathematics – I, II, III
- ✓ Probability and Random Process
- ✓ Environmental Science and Green Technology
- ✓ Professional Ethics for Engineers
- ✓ Foreign Language
- ✓ Optimization Methods
- ✓ Computational Intelligence



## VLSI & Embedded Systems

- ✓ Digital Design
- ✓ Semiconductor Devices & Circuits
- ✓ Analog Electronics
- ✓ Microprocessor & Interfacing
- ✓ IoT & Embedded Systems
- ✓ Digital VLSI Design
- ✓ Analog IC Design
- ✓ Modeling Nanoscale Semiconductor Devices
- ✓ VLSI System Design using Verilog



## CS & IT

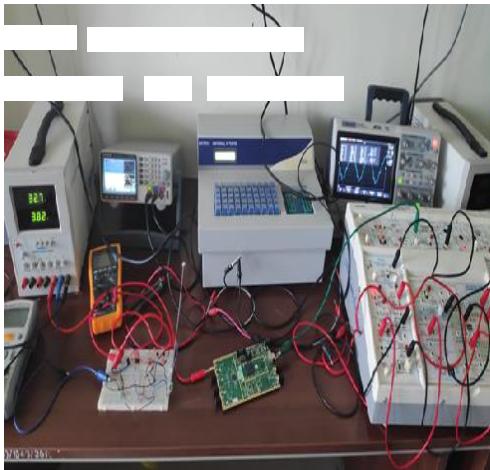
- ✓ Computer Programming
- ✓ Data Structures and Algorithms
- ✓ Object Oriented Programming
- ✓ Computer Organization
- ✓ Artificial Intelligence
- ✓ Machine Learning
- ✓ Cloud Computing

## M.Tech in Signal Processing and Machine Learning

- ✓ Signal Processing Algorithms and Architectures
- ✓ Artificial Intelligence
- ✓ Medical Imaging and Bio-signal Analysis
- ✓ Probability and Stochastic Processes
- ✓ Digital Signal Processors Lab
- ✓ Medical Imaging and Bio-signal Analysis Lab
- ✓ Machine Learning
- ✓ Computational Intelligence
- ✓ Statistical Signal Processing
- ✓ Signal Applications Lab
- ✓ Machine Learning Lab

## Electives

- ✓ VLSI for DSP
- ✓ Image Processing and Computer Vision
- ✓ Introduction to IoT
- ✓ Signal Detection and Estimation Theory
- ✓ Speech and Audio Processing
- ✓ MIMO Wireless Communications
- ✓ Microwave Imaging and Radar Signal Processing
- ✓ Introduction to Pattern Recognition
- ✓ Statistical Foundation for Data Science
- ✓ Introduction to Blockchain Technology
- ✓ Deep Learning and Applications



## Communication Laboratory

In this laboratory, our students are trained for constructing circuits for analog and digital modulations. The concepts of all types of modulation, demodulation, and recent communication techniques are demonstrated using available hardware and software-defined radio (SDR) tools. The lab is well equipped with 04 channel 200MHz Digital Storage Oscilloscopes, Arbitrary function generators, Pulse generators, communication trainer kits, digital multimeter, Digital ICs, general-purpose ICs, etc.

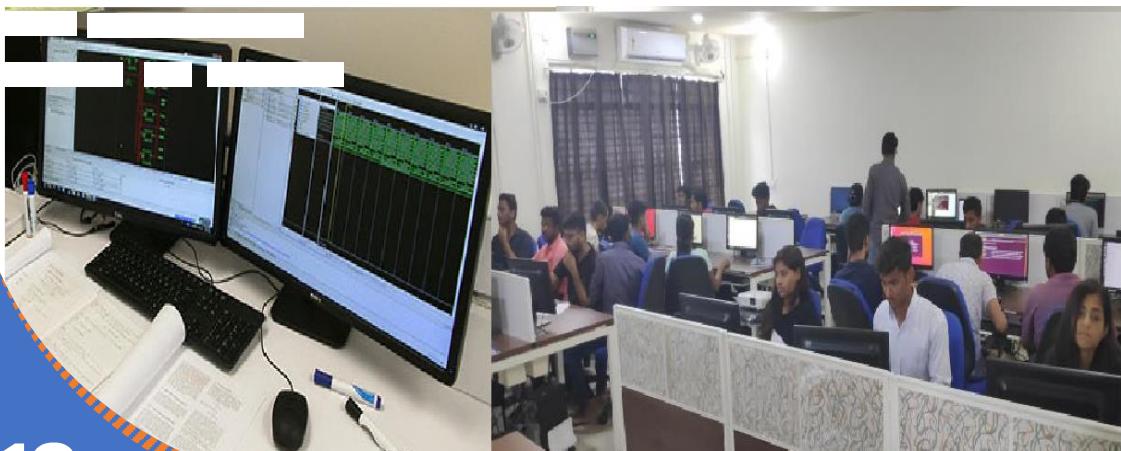


## Analog & Digital Electronics Laboratory

The Analog & Digital Electronics Laboratory is accessible to undergraduate students of all the departments. The objective of this laboratory is to link the theoretical concepts of different analog and digital electronics circuits with practical feasibility by giving students a scope to learn analog circuits and digital circuits in a better way. This laboratory is useful for beginners to understand the fundamentals of analog and digital circuits. The lab is well equipped with manufactured analog and digital electronic ICs, so students can fabricate their circuits on the breadboard. The lab is well equipped with hardware such as DSO, function generator, DC power supply, and supporting software like NI multism or LTspice.

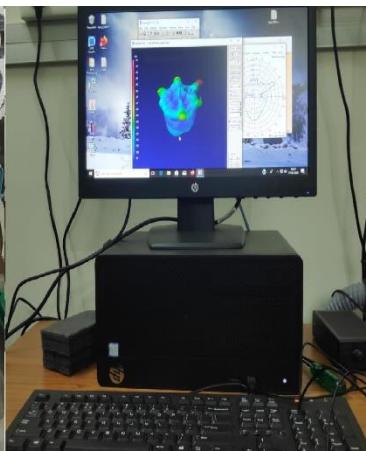
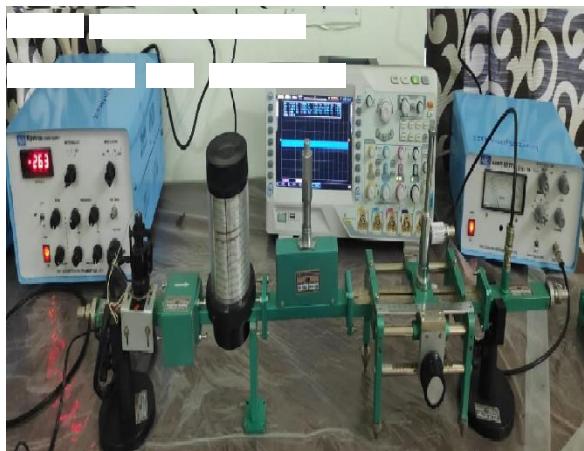


ECE LAB



## VLSI & Embedded System Laboratory

This laboratory is well equipped for challenging analog, digital, and mixed-signal IC design and validation. The lab also has a very rich wealth of state-of-art servers, systems, and tools for design and testing which includes Hardware Facilities, EDA tools, Software, and Library. While retaining the salient features of the Microelectronics & VLSI stream, the courses include lecture and laboratory-based courses specially designed to cater to the needs of the industry both in the core subjects and through electives. In laboratory sessions, students are trained to design system-level projects to the physical layout of ICs through available tools and hardware in the laboratory.

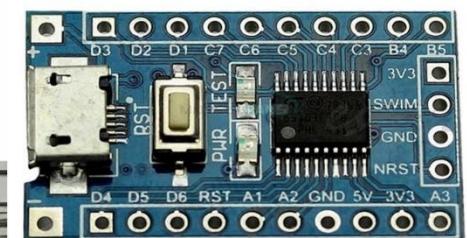


## Antenna & Microwave Engineering

The Microwave Lab supports intermediate and advanced courses in Electromagnetics and Microwave Engineering. Students experiment with transmission line propagation, antennas and microwave circuit components. The microwave laboratories provide the necessary hardware & software support for training the students in the area of RF and Microwave Engineering. It offers design, analysis and simulation of various components and devices to understand the basics of RF and microwave engineering, to boost the quality of engineering education, deepen understanding, and provide the necessary practical skills to young minds.

## Digital Signal Processing Laboratory

Digital Signal Processing Lab is used by UG students in core and elective course on Digital Signal Processor. Our laboratory presents an opportunity for students to check out their signal processing algorithms, from students' laboratory experiments to high-level research topics, in real situations. The lab is well equipped with 31 number of high-performance computers. Software packages such as MATLAB with Simulink and Code composer studio are installed in the systems. The lab has Texas Instruments DSP kits for carrying out various advanced experiments.



Texas Instrument DSP Development Board  
at IIITBH



## Design Laboratory

Design Lab is being used for the Major and Mini Project of the Final year undergraduate students of ECE Branch. It contains the hot air SMD Rework Stations, Printed Circuit Board 3D Printer. SMD can perform conventional through-hole soldering and newer SMT soldering. The stations allow for quick and simple IC attachment and detachment through the use of solder paste and the hot air tool. The 3D printer greatly expands the possibilities for enclosing final project circuits in compact, customized boxes and housings.



Indian Institute of Information Technology Bhagalpur started functioning in August 2017 with two departments, namely, Computer Science Engineering and Electronics and Communication Engineering. However, a synergistic integration of electronics with mechanical engineering along with intelligent computer control is required for improving the functionality, productivity, and efficiency in the design and manufacturing of products. This calls for the introduction of the Mechatronics Engineering branch at IIIT Bhagalpur.



The program combines mechanical design, manufacturing, automation, and electrical/ electronic control within a foundational context of design and manufacturing.



Degree holders under the discipline will have the opportunity to work in various sectors, viz., aviation, electronics, automobile, manufacturing, oil and gas, mining, transport, defense, robotics, and aerospace industries.



The Department of Mechatronics Engineering, IIIT Bhagalpur is aiming to lead the state of Bihar and India as a whole in the areas like Mechatronic System Design to support villagers, Electric Vehicle Design, Robotics, Intelligent Actuator Design, etc.

### VISION & MISSION



To Find the requirement of industry and act as a bridge to develop an academia-industry partnership.

To find the requirement of the society so that the institute can lead the technical requirement of the public

To prepare graduates that understand the overall human context in which engineering technology activities take place.

To produce graduates that are prepared for successful careers in the area associated with the analysis, applied design, development, implementation, and oversight of electromechanical, mechatronics, robotics, and automation systems.

To prepare graduates that advance in their careers and continue their professional development.

Pollution and limited gasoline sources are some of the major problems of society. The use of electric vehicles is a good way to reduce pollution. We are aiming to lead the area of electric vehicle design.



## Mechanical Design

- ✓ Solid Mechanics (Theory and Lab)
- ✓ Manufacturing technology (Theory and Lab)  
Kinematics of machine
- ✓ Dynamics of machinery
- ✓ Fluid mechanics
- ✓ Thermodynamics
- ✓ Machine design



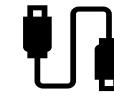
## Signal Processing & Control

- ✓ Digital signal processing (Theory and Lab)
- ✓ sensors and actuators (Theory and Lab)
- ✓ IoT and embedded system (Theory and Lab)
- ✓ Control systems (Theory and Lab)



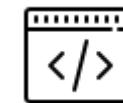
## Mechatronic System

- ✓ Mechatronics and Automation (Theory and Lab)
- ✓ Robotics (Theory and Lab)
- ✓ Electric Vehicle



## Electrical Design

- ✓ Basic electronic circuit
- ✓ Analog circuit (Theory and Lab)
- ✓ Digital design (Theory and Lab)
- ✓ Electrical Machines (Theory and Lab)



## Computer Science & Engineering

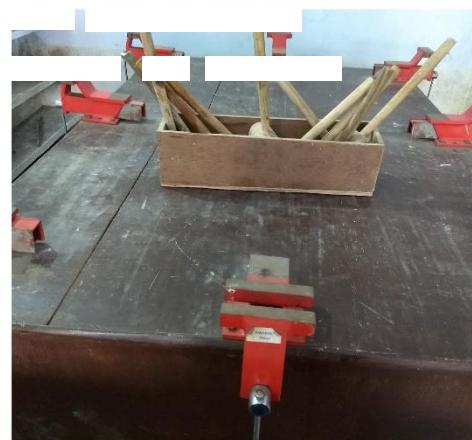
- ✓ Computer Programming
- ✓ Data Structures and Algorithms
- ✓ Object Oriented Programming
- ✓ Artificial Intelligence
- ✓ Machine Learning

## M.Tech in Electric Vehicle Technology

- ✓ Hybrid and Electric Vehicle
- ✓ Dynamics and Control of Electric Vehicle
- ✓ Automation in Electric Vehicle
- ✓ Battery and Charging Technology in EV
- ✓ Automation Lab
- ✓ Simulation LAB
- ✓ Machine Learning
- ✓ Electrical Drive
- ✓ Battery Management System
- ✓ Machine Learning Lab
- ✓ Battery Management Lab

### Electives

- ✓ Finite Element Method
- ✓ Modelling and Analysis of Electric Machines
- ✓ Computational Fluid Dynamics
- ✓ Computer Integrated Manufacturing
- ✓ CAD for Electric Vehicle
- ✓ Artificial Intelligence
- ✓ Probability and Stochastic Processes
- ✓ Introduction to IoT
- ✓ Computational Intelligence



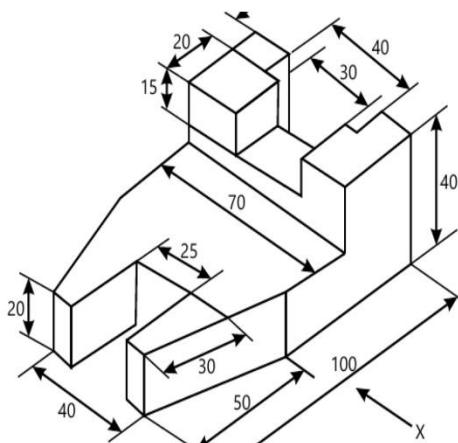
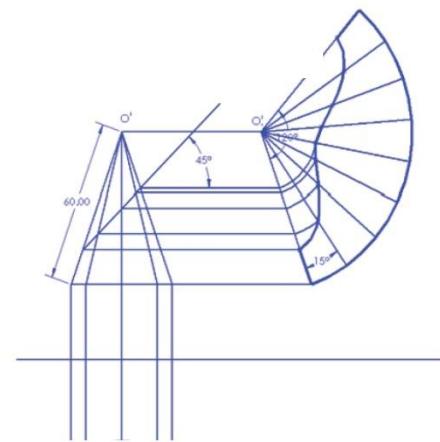
## Mechanical Workshop

Mechanical Workshop provides basic skill sets required to obtain the know-how of manufacturing. Students are exposed to basic operations involved in manufacturing. The aim is to make the students competent in handling practical work in an engineering environment.



## Engineering Graphics Lab

Engineering Graphics Lab provides students an opportunity to enhance their capability of imagination and lateral thinking. Students learn the importance of drawing in engineering. The lab is equipped with 60 perpetual licenses of Solid Works installed on 60 computers.



## Manufacturing Lab

Manufacturing Lab provides in-depth experience of various basic machine operations on the lathe, milling machine, shaper, drilling machine, etc. The laboratory is also equipped with non-conventional machining equipment such as wire-cut EDM. The students are well trained on these setups to make them understand the various parameters involved in manufacturing and machining.





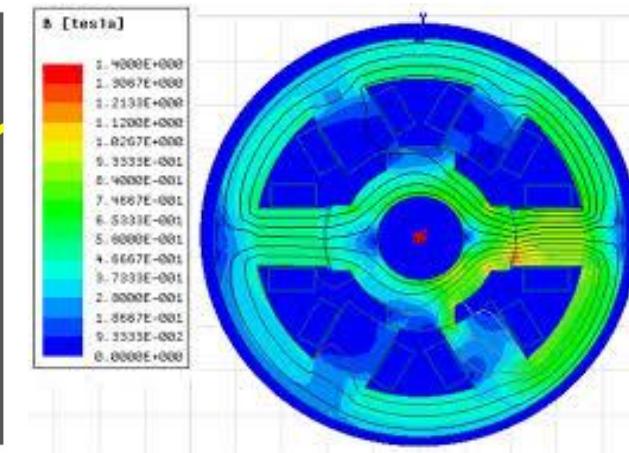
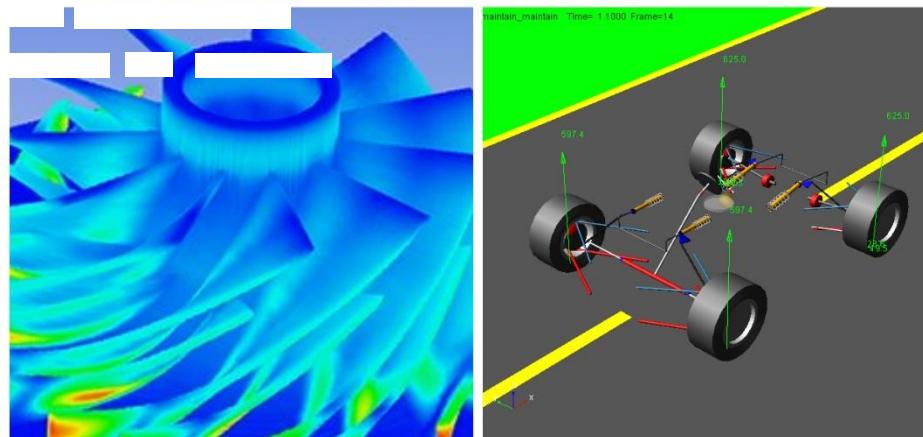
## Strength of Material Lab

The Strength of Material Lab is equipped with all the essential equipment such as UTM, Hardness tester, Impact testing machine, Torsional testing machine, etc. Students have been exposed to various experiments to understand the fundamentals of strength of the material subject. The experimental demonstration has helped the students to understand the various properties of the material which in turn enables them as better design engineers.



## Simulation Lab

This lab aims to expose the students to the various simulation tools such as Adams, Ansys, Maxwell so that a student can design and simulate a mechanism, perform Structural Analysis, Design, and Simulate Electromagnetic Systems.



## Electrical Machine Lab

Electrical Machine Lab is equipped with various experimental test rigs to strengthen the knowledge of students and their technical know-how in the domain. The aim is to bridge the gap of knowledge for a design engineer such that these skills can be used in the areas related to Electric Vehicle Technology or related fields.

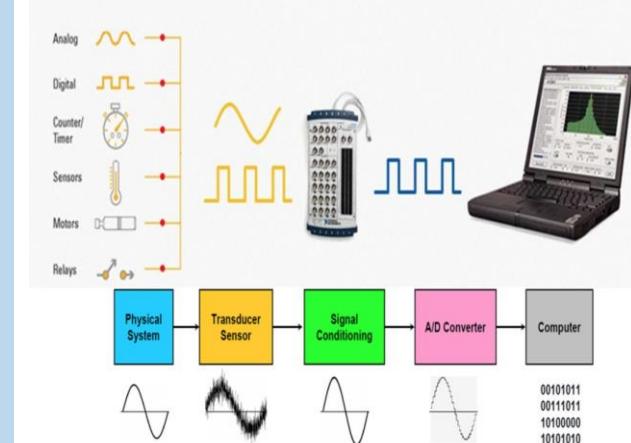


# Facilities and Resources



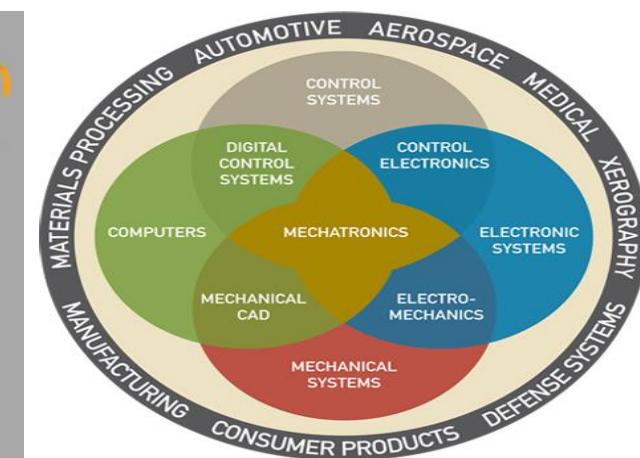
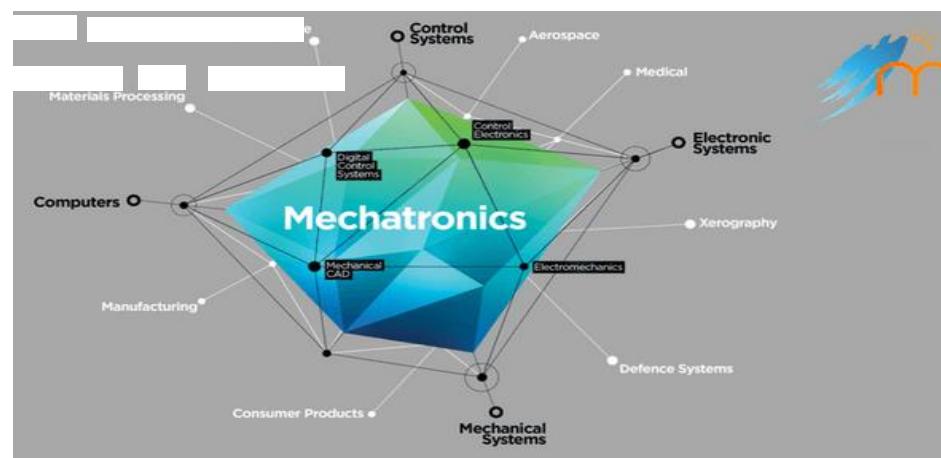
## Sensors & Control Lab

The Sensors & Control lab is a unique lab that provides practical knowledge of sensor technology, features and characteristics of a sensor, and its real-time application in control. Students will be trained using various experimental designs to gain an understanding of sensors and different aspects of control.



## Mechatronics Lab

Mechatronics lab has been planned to provide the knowledge of a complete set of automation. The students will be exposed to the various skill sets needed for automation as a whole, particularly PLC programming and the application of pneumatic and hydraulic actuators in the development of a mechatronics system.



# ROBOTICS LAB

## Robotics Lab

The Robotics lab has been planned to expose the students to the general functioning of a robot. Students will be trained on a few general robots and they will be allowed to implement their skills learned in other labs such as AI and control labs to design special-purpose robots.



## LIBRARY



Library

The Library of IIIT Bhagalpur is well equipped with modern facilities and resources. There are around 9000 books in the library, which caters to the needs of the students and faculties of all the departments

The library is usually open from 9 AM morning to 6 PM on all the weekdays and till 10 pm in the night during exam period except Institute holidays.

## VIRTUAL CLASS ROOM



IIIT Bhagalpur has a dedicated Virtual classroom for 1:5 Video Conferencing and is well equipped with PTZ Camera, Projector, 43" LED TV, Amplifier, Wireless MIC, Presenter, and Sound System.

## CONFERENCE ROOM



MESS



# CENTRAL FACILITIES

## COMPUTER CENTER



The Computer Centre of IIIT Bhagalpur is responsible for the maintenance of the day-to-day computational requirements of the institute. The center arranges all the requirements that the faculty & student community of the institute 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 and 64 GB RAM running Cent-OS Operating System. One faculty in charge and three Junior technical staff are assigned to the computer center to look after the requirements of the center.

## HOSTELS



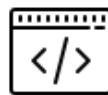


## Robotics & IoT Club

Robotics and IoT play a major role in making our day-to-day life easier. The Robotics & IoT Club IIIT Bhagalpur organizes weekly meetups to discuss many things related to Robotics, Automation, and IoT. This club promotes hands-on and cooperative learning and also engages students in problem-solving and higher-order thinking. Some successful club sessions include basic application of microcontrollers, home automation system, application of sensors and actuators, use of SCARA in manufacturing and assembly, etc. In most of the sessions, students had done practical work, by which they learned how to write programs



The 'Tech Clubs' at IIIT Bhagalpur focus on enriching the technical knowledge of the students by providing them a platform to help them explore their latent talents and showcase their innovative ideas. The Club tries to encourage more students to become a member to help broaden their skills by organizing regular activities. Some of the activities undertaken by the Tech Club include organizing the Annual Techfest, Internal Hackathons, Technical Workshops, and hosting some Guest Lectures.

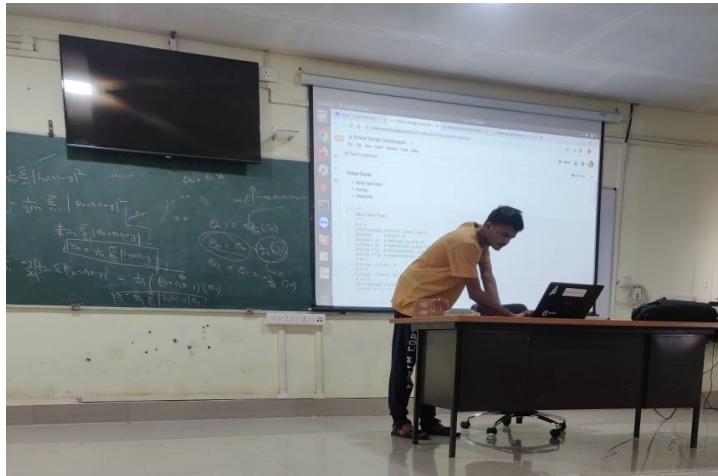


## CODING CLUB

Learning how to program is like learning any other language. Knowledge of computer programming helps our mind to think in a sensible and logical manner which can also help us to do the same in our day-to-day life. Thus, enthusiastic students of IIIT Bhagalpur have formed CODING CLUB IIIT Bhagalpur. This Club encourages students to participate in various activities such as Competitive coding, hackathon, etc., and improve their coding skills. The club organizes bi-weekly meetups, to seek more ways to engage students in coding. It also organizes monthly coding Quiz sessions to assess the current performance of the students.



## TECHNICAL CLUBS



## AI & ML Club

The AI/ML Club welcomes students to the brand-new world of Artificial Intelligence. The club serves as a place of community for discussing, learning about, and working on topics related to machine learning and artificial intelligence. Some successful sessions held include Basics of python, Image recognition and automation using OpenCV, working with applets to control google assistant, linear regression and classification with mathematical explanations and implementation, Basic neural networks, and its implementation using TensorFlow, Deployment of the trained model into Raspberry board. The AI/ML Club of IIIT Bhagalpur works along with the Google DSC IIIT Bhagalpur, introducing students to this new era of Machine Learning using Python. It also organizes monthly workshops with Certifications powered by Google AI/Explore ML.



## Google Developers Student Club

Google Developer Student Clubs (GDSC) are university-based community groups run by Google Developers for students with an interest in growing as developers. DSC IIIT Bhagalpur aims to bridge the gap between theoretical knowledge and practical applicability by the students. Here, students grow their knowledge in a peer-to-peer learning environment and build solutions for local businesses and their communities



## Hackathon IIITBH

The Hackathon culture is initiated by the students of IIIT Bhagalpur with the participation in Smart India Hackathon. Students are actively involved in organizing as well as participating in software and hardware hackathon. In Hackathons, student teams have worked to build exciting projects based on various domains including web technologies, android, machine learning etc. The most of the hackathons organized by the students are daylong of duration of 12 hours.

# TECHNICAL CLUBS



Volleyball Club



# EXTRACURRICULAR ACTIVITIES



Cricket Club



Music & Dance Club



Debate Club



Photography Club



The institute is furnished with cricket and football grounds, and CAC (Common Activity Centre) which includes badminton courts, volleyball courts, and other indoor games. Sports in IIIT Bhagalpur are well encouraged and the students in the college actively participate in sports with passion and flair.





# MENTOR INSTITUTE-IITG

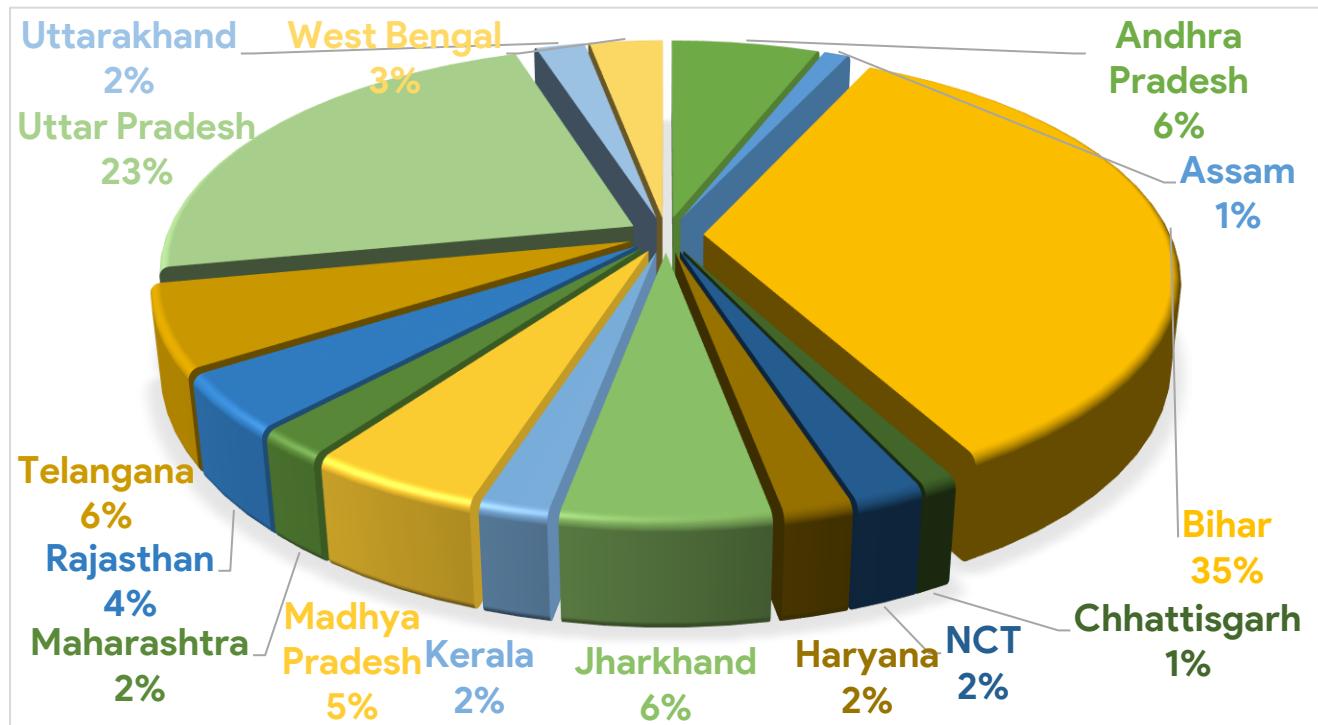
Indian Institute of Technology Guwahati, the sixth member of the IIT fraternity, was established in 1994. The academic program of IIT Guwahati commenced in 1995. At present, the Institute has eleven departments and five interdisciplinary academic centers covering all the major engineering, science, and humanities disciplines, offering BTech, BDes, MA, MDes, MTech, MSc, and Ph.D. programs.

Indian Institute of Technology Guwahati's campus is on a sprawling 285 hectares plot of land on the north bank of the river Brahmaputra around 20 km from the heart of the city. With the majestic Brahmaputra on one side, and with hills and vast open spaces on others, the campus provides an ideal setting for learning



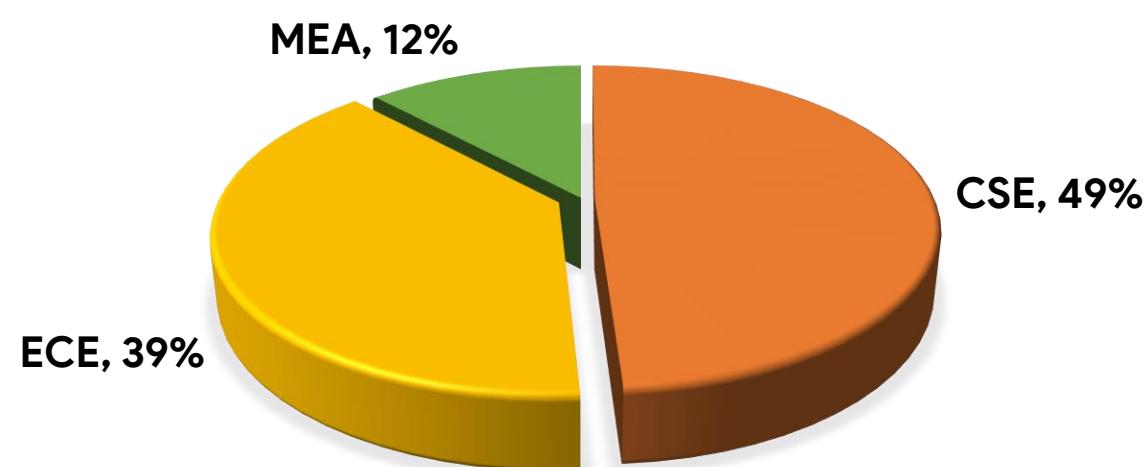
Indian Institute of Information Technology, Bhagalpur is one of the IITs set up by MHRD, Govt of India in the Public-Private Partnership (PPP) model and it is an institute of national importance. It started functioning in the mentorship of IIT Guwahati from the academic year 2017. The institute was functioning under the leadership of Mentor Director, Prof. Gautam Biswas until the founding director of IIIT Bhagalpur, Prof. Arvind Choubey joined the institute in April 2019. The initial infrastructure was established under the leadership of Officiating Director, Prof. Pinakeshwar Mahanta, Professor, Department of Mechanical Engineering, IIT Guwahati. Prof. Mahanta continued to work as officiating director of IIIT Bhagalpur from the inception of the institute to August 2018, until he got appointed as Director, NIT Arunachal Pradesh. From August 2018 to May 2019 the day-to-day activity was handled by Officiating Director, Prof. Saurabh Basu, Professor, Department of Physics, IIT Guwahati.





ANDHRA PRADESH	6	6%
ASSAM	1	1%
BIHAR	35	35%
CHHATTISGARH	1	1%
DELHI (NCT)	2	2%
HARYANA	2	2%
JHARKHAND	6	6%
KERALA	2	2%
MADHYA PRADESH	5	5%
MAHARASTRA	2	2%
RAJASTHAN	4	4%
TELANGANA	6	6%
UTTAR PRADESH	23	23%
UTTARAKHAND	2	2%
WEST BENGAL	3	3%

Computer Science & Engineering	49
Electronics & Communication Engineering	39
Mechatronics Engineering	12



# INTERNSHIPS

## ACADEMIC RESEARCH BASED INTERNSHIPS



भारतीय प्रौद्योगिकी संस्थान गुवाहाटी  
INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI



भारतीय प्रौद्योगिकी संस्थान  
काशी हिन्दू विश्वविद्यालय



INDIAN  
INSTITUTE  
OF  
TECHNOLOGY  
BANARAS HINDU UNIVERSITY



भारतीय प्रौद्योगिकी संस्थान पटना  
Indian Institute of Technology Patna



IIT Mandi  
Indian Institute of Technology Mandi

## INDUSTRY BASED INTERNSHIPS



# OUR PROUD RECRUITERS 2020-21



CONDÉ NAST

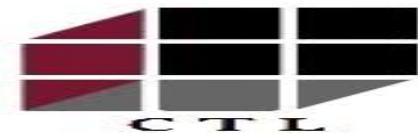
**Deloitte.**

hanu™

MAQ Software



•practo•



Infosys



publicis  
sapient



# OUR PROUD RECRUITERS 2020-21



IMPETUS



KICKSTART

Indus Os



# OUR PROUD RECRUITERS 2020-21

A

Amazon  
Ambient Scientific

B

BYJU'S  
Betsol

C

Cepton  
Conde Nast  
Cimpress  
Commvault  
CINIF Technologies

D

Deloitee Consulting

E

Extramarks Education India Pvt Ltd  
Enpass Technologies Pvt Ltd

G

GeeksforGeeks

H

Hanu  
HealthCloudAI(Arintra)

I

IndoOS  
Impetus  
Ingenuity Gaming Pvt Ltd  
India Mart

Infosys

K  
Kickstart

M  
MAQ Software

N  
Nagarro  
NYKAA Fashion  
National Instruments

P

Pindexx  
Practo Technologies  
Publicis Sapient(Female)

S

Samsung SDS  
Sandavine Technologies  
Synapse Design

T

TCS Innovator  
Tredance  
Truckx  
Trip Stack

V

Valuefy  
Virtusa  
Vyom Labs

W

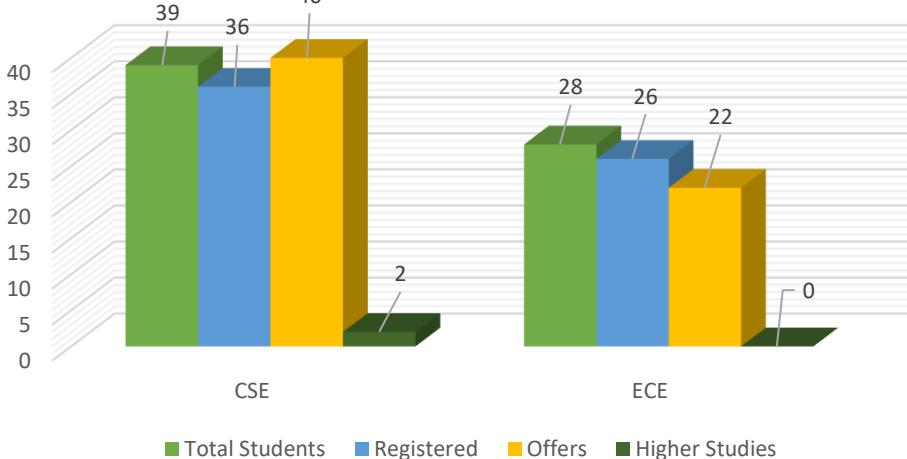
Wissen Technologies

X

Xceedance

# PLACEMENT STATISTICS 2020-21

Branch-wise Placement Statistics - 2020-2021



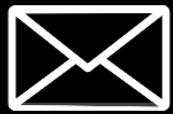
Department	Total	Registered	Offers
Computer Sc. & Engineering	39	36	40
Electronics & Communication Engineering	28	26	22

\*\*Placement of 2021 batch is still in progress, data updated till 20<sup>th</sup> July 2021

## OFFERED PACKAGE DETAILS

Highest Package Offered	30.00 LPA
Average Package	8.50 LPA

# PLACEMENT PROCEDURE



**Companies are contacted by the Placement Cell.**



**A detailed schedule is prepared by the Placement Cell evaluating the job offer, prospects, student intake and the like.**



**Company fills up job announcement forms(JAF).**



**The companies/organizations visit the IIIT Bhagalpur campus/ IIT Guwahati campus, meet the registered (or shortlisted as the case may be) students, and conduct their evalution process.**



**Companies' officials conduct pre-placement talks to interact with students.**



**The companies are required to prepare and submit, with a written confirmation letter the list of students, on the day of the interview itself.**



**Students register for various companies. the company can shortlist the applied students according to the company demands.**



**The job offer letters are to reach the Placement Cell, in due course of time.**

## Air Connectivity

### Directions from Jay Prakash Narayan International Airport, Patna

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 Bagdogra Airport, Siliguri West Bengal

One can reach Bhagalpur City via NH 27 and NH 31 in 5 to 6 hours by taking a cab or by bus which daily ply from Siliguri to Bhagalpur.

## Train Connectivity

### Directions from Bhagalpur Railway Station

Bhagalpur City has two nearest railway stations namely Bhagalpur Junction in the heart of the city and Naugachia Railway Station which is 25 KM away from the city. Many direct trains from various parts of India either pass through or terminate at Bhagalpur Junction.

### Directions from Naugachia Railway Station

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

# सॉफ्टवेयर से 93% कोरोना जांच रिपोर्ट सही

बागलपुर | शादीगण

## ट्रिपल आईटी

- दिल्ली के राममोहर लोहिया अस्पताल में एक्सर्च की हुई जांच
- आईटीएमआर अब दे सकती है सॉफ्टवेयर को मंजूरी

विश्लेषण कर रही है।

शनिवार को राम मोहर लोहिया अस्पताल के डेविलोपरों ने 317 एक्सर्च पर रिपोर्ट को आईटीएमआर (भारतीय चिकित्सा अनुसंधान परिषद) और भागलपुर ट्रिपल आईटी के निदेशक को भेज दी है। आईटीएमआर एस और राममोहर लोहिया को रिपोर्ट का

रिपोर्ट को सॉफ्टवेयर ने सही पाकड़ा है। दिपल आईटी के निदेशक प्रो. अरविंद चौबे ने कहा कि एस में 96 प्रतिशत सही जांच रिपोर्ट आयी थी। वहीं राममोहर लोहिया अस्पताल में इसकी प्रतिशत 93 प्रतिशत का तरह रही है। आईटीएमआर इन चौबे और एक्सर्च की जांच को बाद सॉफ्टवेयर ने 9.3 प्रतिशत तक रिपोर्ट को सही बताया है। इस रिपोर्ट को कपीयों ने 317 एक्सर्च पर रिपोर्ट को आईटीएमआर (भारतीय चिकित्सा अनुसंधान परिषद) और भागलपुर ट्रिपल आईटी के निदेशक को भेज दी है। आईटीएमआर एस और राममोहर लोहिया को रिपोर्ट का

विश्लेषण कर रही है। शनिवार को राम मोहर लोहिया अस्पताल के डेविलोपरों ने 317 एक्सर्च पर रिपोर्ट को आईटीएमआर (भारतीय चिकित्सा अनुसंधान परिषद) और भागलपुर ट्रिपल आईटी के निदेशक को भेज दी है। आईटीएमआर एस और राममोहर लोहिया को रिपोर्ट का

जांच में 93 प्रतिशत तक कोविड की

रिपोर्ट आईटी के शिक्षक डॉ. संदीप राज ने अपने सॉफ्टवेयर पर इसकी जांच की।

जांच में

एक्सर्च को आईटीएमआर को

सही

ही

है।

इसकी

जांच

को

रिपोर्ट



## Faculty In Charge, Training and Placement



**Dr Gaurav Kumar**

[tnp\\_fic@iiitbh.ac.in](mailto:tnp_fic@iiitbh.ac.in)  
[gkumar.mea@iiitbh.ac.in](mailto:gkumar.mea@iiitbh.ac.in)  
+91 8638661359

## Student Coordinators, Training and Placement Cell



**Amirul Islam (CSE)**  
[amirul.cse.1804@iiitbh.ac.in](mailto:amirul.cse.1804@iiitbh.ac.in)  
+91 8696522538



**Uday Pratap Singh (CSE)**  
[uday.cse.1846@iiitbh.ac.in](mailto:uday.cse.1846@iiitbh.ac.in)  
+91 9935702430



**Harsh Jain (CSE)**  
[harsh.cse.1813@iiitbh.ac.in](mailto:harsh.cse.1813@iiitbh.ac.in)  
+91 7607928908



**Samir Kumar (ECE)**  
[samir.ece.1832@iiitbh.ac.in](mailto:samir.ece.1832@iiitbh.ac.in)  
+91 8521491847



**Krishna K Chattaraj (ECE)**  
[krishna.ece.1818@iiitbh.ac.in](mailto:krishna.ece.1818@iiitbh.ac.in)  
+91 9733891327



**Peet Kumar Ghosh (ECE)**  
[peet.ece.1824@iiitbh.ac.in](mailto:peet.ece.1824@iiitbh.ac.in)  
+91 6290949166



**Aditya Ranjan (MEA)**  
[aditya.mea.1802@iiitbh.ac.in](mailto:aditya.mea.1802@iiitbh.ac.in)  
+91 9572518400



**Aswin P (MEA)**  
[aswin.ece.1807@iiitbh.ac.in](mailto:aswin.ece.1807@iiitbh.ac.in)  
+91 9633897529



# TRAINING AND PLACEMENT CELL IIIT BHAGALPUR

Main Administrative Building, Ground Floor, Placement Office

Email ID: [tpo@iiitbh.ac.in](mailto:tpo@iiitbh.ac.in)

TPC, Faculty Incharge Email ID: [tnp\\_fic@iiitbh.ac.in](mailto:tnp_fic@iiitbh.ac.in), [gkumar.mea@iiitbh.ac.in](mailto:gkumar.mea@iiitbh.ac.in)

Phone: +918638661359, +91 7484055317