



# INDIAN INSTITUTE OF TECHNOLOGY PATNA

**M.Tech in CIVIL ENGINEERING**  
**PLACEMENT BROCHURE 2023-24**

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# **ABOUT US...**

**Indian Institute of Technology Patna is one of the new IITs established by an Act of the Indian Parliament on August 06, 2008.**

**Patna which was known as Patliputra has been a center of knowledge since long has been attracting visitors and scholars from many parts of the world such as China, Indonesia, Japan, Korea, Sri Lanka, among others. This has been a land of visionaries. Some of the legends from this region include Lord Gautam Buddha, Lord Mahavir, Guru Gobind Singh, the famous astronomer Aryabhatta and the first President of India, Dr. Rajendra Prasad.**

**IIT Patna campus is located at Bihta which is approximately 40 kms from Patna. IIT Patna has ten departments: These are Computer Science & Engineering, Electrical Engineering, Mechanical Engineering, Chemical and Biochemical Engineering, Civil & Environmental Engineering, Materials Science & Engineering, Chemistry, Physics, Mathematics and Humanities & Social Science departments.**

**Research activity in IIT Patna has been published in high quality and peer-reviewed national and international journals. Please browse individual faculty member web-page for more information. Faculty members of IIT Patna have been also participating in national and international conferences of repute.**

We at IITP believes that..

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"One who aspires wisdom,  
attains it".



# **WHY M.TECH IN CIVIL ENGINEERING?**

M.Tech in Civil Engineering allows students to get exposed to different domains by selecting electives as per their interests during the first semester itself. students are then given a choice to select a project thesis based on their area of interest. This ensures that the student is not getting into any specialization based on their preconceived notions but on the interest after gaining knowledge.



# DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING...

Welcome to the Department of Civil and Environmental Engineering (DCEE) at IITP. Goal of the DCEE is to reach the level of excellence in latest technical front as well as in advanced research & thereby further improving the lifestyle of society.



# Message from HOD.



The Department of Civil and Environmental Engineering at IIT Patna since its inception in 2013 has continuously upgraded itself in field of academic, research and laboratories. The Department attracts the finest young and dynamic faculty members and the best of students for its Bachelors, Masters, and Doctoral programs. Since the inception, our focus has been to impart quality education with special emphasis on technical advancements and research.

Students are exposed to well-defined academic programs along with a host of sport, cultural and organizational activities on a vibrant and splashing green campus of IIT Patna at Bihta. Our curriculum is designed as per the need of the hour and to meet the challenges of tomorrow. Apart from Institute and program core courses, our curricula provide flexibility to students to choose elective courses of interdisciplinary nature including humanities, social sciences, and management streams. Emphasis is provided on project-based learning.

Various national and multinational companies, reputed public sector undertaking, etc. regularly visit our Institute for campus recruitment. The Institute maintains cordial relationships with the recruiters and all possible hospitality is extended to them by our Training and Placement Cell (TPC). I heartily welcome both the recruiters and our graduating students to come to a common platform and get the best out of each other. I am quite certain that students of our Department will prove themselves competent enough to meet the challenges of the modern technological world and society. I wish them all the best for their future.



**Dr. Vaibhav Singhal**

Associate Professor  
HOD  
Ph.D IIT Kanpur

# The Faculty.



**Dr. Avik Samantha**

Assistant Professor  
Ph.D IIT Bombay



**Dr. Subrata Hait**

Associate Professor  
Ph.D IIT Kanpur



Dr. Ramakrishna Bag

Associate Professor  
Ph.D Cardiff University



Dr. Pradipta Chakrabortty

Assistant Professor  
Ph.D Memorial University of Newfoundland



Dr. Om Prakash

Assistant Professor  
Ph.D James Cook University



Dr. Sourav Gur

Assistant Professor  
Ph.D University of Arizona



Dr. Arvind Kumar Jha

Assistant Professor  
Ph.D IISC Bangalore



Dr. Koushik Roy

Assistant Professor  
Ph.D IIT Kanpur



Dr. Amarnath Hegde

Assistant Professor  
Ph.D IISc Bangalore



Dr. Bachu Anilkumar

Assistant Professor  
Ph.D IIT Madras



Dr. Sudhir Varma

Assistant Professor  
Ph.D Michigan State  
University



Dr. Akshar Tripathi

Assistant Professor  
Ph.D IIT Ropar



Dr. Syed K. K. Hussaini

Assistant Professor  
Ph.D University of Wollongong



Dr. Vishal Deshpande

Assistant Professor  
IIT Guwahati



Dr. Baadiga Ramu

Assistant Professor  
Ph.D IIT Hyderabad



Dr. Manoj Kumar Yadav

Assistant Professor  
Ph.D IIT Kharagpur

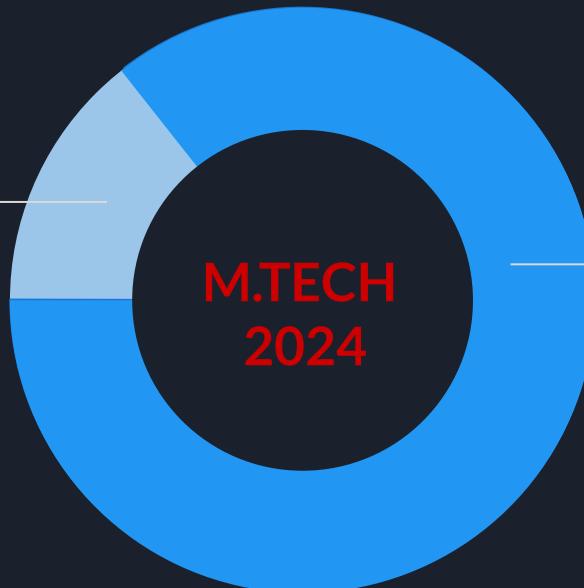


# DEMOGRAPHICS

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FEMALE-02



MALE-12

## M.TECH IN CIVIL ENGINEERING



MD. ASIF HASAN

STUDENT  
COORDINATOR



RAHUL KUMAR



SARFRAZ  
AHMAD HASHMI



PRITESH  
SHRIVASTAV



SONVANE CHETAN  
CHANDRAKANT

STUDENT  
COORDINATOR



PARIKSHIT  
GAUTAM



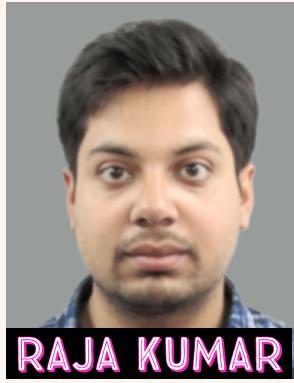
ANUBHAV KUMAR



NEEL KUMAR



HANI SINGH



RAJA KUMAR



MD MISBAHUL  
HAQUE



KRISHANU  
PRAKASH



KUMARI  
SURBHI



HEMANT SAGAR



*Batch  
of 2022-24*

# Curriculum.

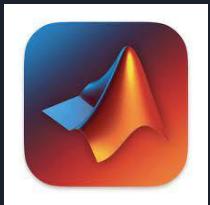
## CORE COURSES

- Finite Element Method
- Advanced Engineering Mathematics
- Civil Engineering Design
- Civil Engineering Lab I & II
- Technical Communication

## ELECTIVE COURSES

- Advanced Foundation Engineering
- Railway Engineering
- Advanced Flexible Pavement Analysis and Design
- Advanced Structural Analysis
- Structural Dynamics
- Groundwater Hydrology
- Industrial Pollution Control and Prevention
- Geoenvironmental Engineering
- Soil Exploration
- Traffic Engineering and Highway Safety
- Ground Improvement Techniques
- Earthquake Resistant Design of Structure
- Rock Engineering
- Fundamentals of Soil Behaviour

# SKILLSET.



# FACILITIES

## LABORATORIES

- STRUCTURAL ENGINEERING & CONCRETE TECHNOLOGY LAB
- GEOTECHNICAL ENGINEERING LAB
- TRANSPORTATION & RAILWAY ENGINEERING LAB
- GEOMATICS ENGINEERING LAB
- ENVIRONMENTAL ENGINEERING LAB
- CAD LAB
- WATER RESOURCES ENGINEERING LAB





# SAMNIVESHA



Samnivesha is the annual technical fest of the Department of Civil and Environmental Engineering, organised by ACE, IIT Patna. It was initiated in the year 2019 with a thought of redefining the image of what Civil Engineering meant to us. It is a technical extravaganza conducted to testify the hard work and teamwork of the young minds to showcase their skills through wide-ranging events and get their efforts rewarded. This fest aims to bring experts of the industries, students, prominent professors together and update the future seedlings about the development and enhancement in the field of Civil Engineering.

# ACE IIT Patna



The club was established by students and faculty members of Civil engineering department IIT Patna in the initial days of setting up of the branch. The club aims for the overall progress of students and help them to excel in all fields and also to improve and increase Student-Faculty interaction. Objective of the club is to create a forum where people accumulate and share their knowledge, a forum that passes on the baton through the years so that it provides a head start to students entering the department to maximize their time by taking forward successes and learning from mistakes.

# PAST RECRUITERS.



# Contact us.

## PROFESSOR IN-CHARGE

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## Training and Placement Cell

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