

भारतीय प्रौद्योगिकी संस्थान पटना

INDIAN INSTITUTE OF TECHNOLOGY PATNA

COMPUTER SCIENCE AND ENGINEERING (M.TECH)

PLACEMENT BROCHURE 2019-20



About Us

A journey to the global academic summit that touches every aspect of national life in its wake is the primary goal of the department. The department came into existence in 2008 with minuscule faculty strength and minute undergraduate student body. This inadequacy was no deterrent to its bold decision to start the doctoral program right away.

The department has not looked back since then. It has witnessed a manifold raise in the size of the vibrant student body. Presently, all efforts are geared towards making this the first choice of aspiring undergraduates. This is being groomed to be the favored destination for research scholars brimming with ideas. Faculty strength is all set to multiply many times over with the planned addition of young and dynamic persons flashing enviable academic and research records.

The department boasts of generously equipped teaching and research laboratories. Doctoral candidates are liberally supported either by scholarships or by sponsored fellowships. Sponsored research and developmental activities add muscle to the buzzing academics.



Future beckons this young department.



From The HOD's Desk

The department of Computer Science and Engineering was among the first engineering branches to be setup at IIT Patna in 2008. The department runs B.Tech, M.Tech and PhD programmes. A joint M.Tech programme (Mathematics and Computing) is also offered with the department of Mathematics. The academic curriculum of the department is constantly revised to keep in pace with the current industry and research trends. The last revision being in 2018. In order to allow students flexibility in choosing their subjects of interest, over the years the number of elective courses has been increased. With a view to encourage creative ideas, the department introduced a lab course on Innovative Design in the undergraduate programme.

The faculty members of the department have received a number of awards and recognition - ACL President, 2016 (the highest body of NLP); Eminent Engineer Award by Institute of Engineers; NASI young scientist platinum jubilee award, 2016; BIRD Award 2016; IEI Young Engineers Award 2016 (Computer Engineering Discipline); Junior Humboldt Research Fellowship; JSPS Fellowship from Japan Govt among others.

This brochure has been designed to cater to a wide range of people who often seek specific information about the department and courses that we offer. To this end, we have compiled a set of useful information for individuals/organizations interested in our programs, our research endeavors, as well as information regarding the faculty. I hope you will find the information helpful. We always appreciate your feedback as to how we might make the materials more informative and enlightening. For any additional information, please do not hesitate to contact us.



Dr. Jimson Mathew



Research Labs

The department lays great emphasis in research and development. The department has close interaction with industry and research institutes both in India & abroad. Research labs have been setup in the department in collaboration with industry and government agencies-

Elsevier Centre for Excellence of Natural Language Processing

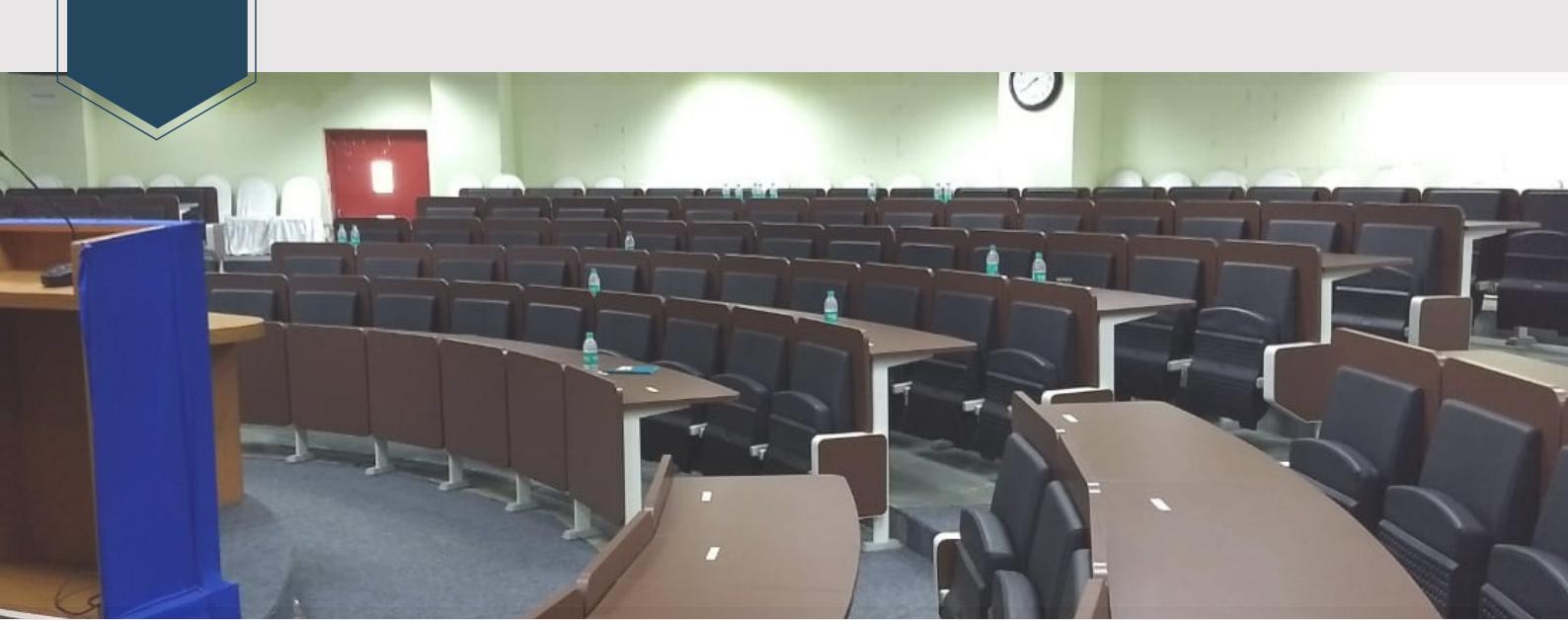
Shusurut:ezDI Research Lab on Health Informatics

Network Security Lab

Advanced Computing Lab

Embedded Systems Integration Lab





Courses Offered

Artificial Intelligence

Introduction to Machine Learning

Introduction to Deep Learning

Cloud Computing

Big Data

Natural Language Processing

Blockchain and Cryptocurrency

Cryptography

Introduction to Network Science

Advances in Algorithms

Advance Graph Theory



Technical Activities

NJACK

An active computer science student club, that regularly organizes classes for the students and teaches them different topics - like ethical hacking, competitive coding, android development and many more.

GIAN

A program approved by the Govt. of India aimed at tapping the talent pool of scientists and entrepreneurs, encourages their engagement with the institutes of Higher Education of India. Time to time GIAN courses and workshops are conducted with a great involvement of students.

IEEE Student branch

IEEE Student Branch of IIT Patna opened with a group of students enrolled in various M.Tech and Phd. Courses with a view to promote technical activities in the campus, city and the state of Bihar. Now with the involvement of B.Tech students too, the branch organizes yearly lectures, IEEE programs and conferences.

Previous Recruiters

<CODE_NATION>

Deloitte.



DE Shaw & Co

SAMSUNG

Games Inc.

amazon

ezDI Healthcare
Data Intelligence

SIEMENS

CISCO™

TATA CONSULTANCY SERVICES

intel®

Microsoft

hp

Adobe

Google

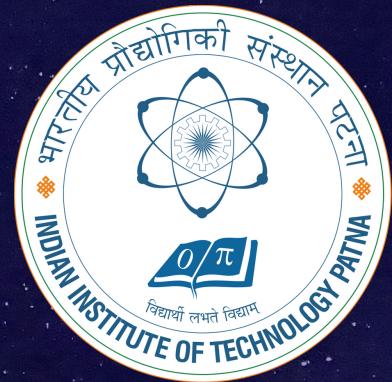
Paytm

wipro

Morgan Stanley

SapientNitro™

भारतीय प्रौद्योगिकी संस्थान पटना



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