

# ***INDIAN INSTITUTE OF TECHNOLOGY, PATNA***

*Placement Brochure 2022-23*  
*M.Sc. Mathematics*





## ABOUT US :

- Department of Mathematics at IIT Patna is one of the well established and leading departments contributing towards research as well as industries.
- The course is designed in such a way that helps students to excel in their academic as well as technical skills.
- Being a Basic Science course, students are more interested to get into depth of the matter and provide appropriate solutions.
- Students are well aware of statistical and mathematical approaches which helps in solving many industrial as well as day-to-day life problems.



## ***COURSES OFFERED***

### ***CORE SUBJECTS:***

- Linear Algebra
- Data Structure and Programming
- Probability and Statistics
- Operational Research
- Ordinary and Partial Differential Equations
- Combinatorics
- Real and Complex Analysis
- Numerical Analysis

### ***ELECTIVES:***

- Graph Theory
- Number Theory
- Mathematical Modelling
- Statistical Inference
- Statistical Decision Theory
- Control Theory
- Cyber Security with block chain
- Machine Learning
- Artificial Intelligence

### ***WORKSHOPS:***

Various Workshops on Python and Data Analysis have been conducted.

# WHY HIRE US ?



**US**

## Benefits

Smart Thinkers

Great Problem Solving Approach

Fast to adapt

## Experience

College Projects, Workshops

Been involved in leading various posts for the institute

Good Connection and Communicational Skills

## Features

Great coordination as a group.

Mathematical Approach with soft skills.

Great explorer.



**COMPANIES**

## Wants

Fast To Adopt Things

Understand and coordinate well with People

Smart approaches

## Fears

Losing Positions

Locked Into A Fixed Environment

## Needs

Problem Solver

Healthy Environment

Save Money and Information.

**INDUSTRIAL  
OPPORTUNITIES**



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