



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

An Institute of National Importance

(Established by Ministry of Education, Government of India)



NIRF 2025
ENGINEERING
42

NIRF 2025
OVERALL
77



INTRODUCING

B.TECH. IN MATHEMATICS AND COMPUTING (SESSION 2026-27)

A multidisciplinary amalgamation of Pure & Applied Mathematics, Statistics & Operations Research, and Computer Science



AI & MACHINE
LEARNING



DATA SCIENCE &
BIG DATA ANALYTICS



CYBER SECURITY &
CRYPTOGRAPHY



SCIENTIFIC &
HIGH-PERFORMANCE
COMPUTING



FINANCIAL
MATHEMATICS &
QUANTITATIVE ANALYTICS



OPERATIONS RESEARCH
& OPTIMIZATION



PROGRAMME OVERVIEW

The Department of Mathematics at MNIT Jaipur is introducing a four-year B.Tech. programme in Mathematics and Computing. The programme aims to develop strong foundations in mathematical modelling, algorithmic thinking, data analysis, scientific computing, and computational problem-solving.

It is designed to equip students with the skills required to address complex real-world challenges through analytical reasoning, programming, modelling, and advanced computational techniques.



RELEVANT TO EMERGING RESEARCH AREAS

- Artificial Intelligence & Machine Learning
- Data Science & Big Data Analytics
- Cyber Security & Cryptography
- Scientific & High-Performance Computing
- Financial Mathematics & Quantitative Analytics
- Operations Research & Optimization

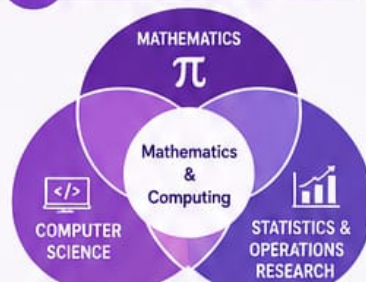


CAREER OPPORTUNITIES

- Technology & Software Industries
- AI & Data Analytics Companies
- Banking, Finance & Insurance Sectors
- Research & Development Organizations
- Scientific & Strategic Computing Industries
- Academic & Higher Education Institutions



INTERDISCIPLINARY FOCUS



Promoting collaboration across mathematics, computing, engineering and applied sciences to foster innovation and research excellence.



INDUSTRY RELEVANCE

- High demand for professionals skilled in mathematical modelling, programming and data analysis
- Addresses real-world challenges across diverse industries
- Prepares students for future technologies and research-driven careers
- Strong foundation for higher studies and entrepreneurship



Strong Foundations in
Mathematics, Computing
& Statistics



Hands-on Learning
& Computational
Training



Problem Solving &
Analytical Thinking
Excellence



Research-Oriented
Curriculum & Expert
Faculty



Global Opportunities
& Industry
Collaboration



ADMISSIONS OPEN 2026



For details, visit: www.mnit.ac.in



BUILDING MATHEMATICAL MINDS FOR THE DIGITAL FUTURE
MATHEMATICS • COMPUTING • INNOVATION