



**IIT ROPAR**  
Indian Institute of Technology Ropar

**NEWLY LAUNCHED**

# B.TECH IN ENGINEERING SCIENCE

ADMISSIONS  
OPEN FOR  
**2026-2027**  
ACADEMIC YEAR

JOINTLY OFFERED BY



DEPARTMENT OF  
**PHYSICS**



DEPARTMENT OF  
**COMPUTER SCIENCE &  
ENGINEERING (CSE)**

## A STRONG FOUNDATION, ENDLESS POSSIBILITIES,

An interdisciplinary program that blends core science, computing, and engineering to empower you to solve tomorrow's challenges.

**YEARS 1 & 2**

### BUILDING FOUNDATIONS

Build a strong foundation in science and engineering through core subjects in:

- ✓ Mathematics & Physics
- ✓ Computing Fundamentals
- ✓ Engineering Fundamentals
- ✓ Problem Solving & Innovation

**YEARS 3 & 4**

### CHOOSE YOUR PATH

Choose any one of the six specialization pathways and shape your future.

## CHOOSE YOUR FUTURE 6 SPECIALIZATION PATHWAYS



**AUTONOMOUS SYSTEMS  
& ROBOTICS**



**ARTIFICIAL  
INTELLIGENCE**



**FINANCE ENGINEERING &  
TECHNOLOGY (FINTECH)**



**QUANTUM SCIENCE &  
TECHNOLOGY**



**CYBER PHYSICAL  
SYSTEMS**



**INTERDISCIPLINARY  
FLEXIBLE MAJOR  
(DESIGN YOUR OWN DEGREE)**

Design your own customized degree based on your interests with the guidance of a batch advisor.



**INTERDISCIPLINARY  
CURRICULUM**  
Bridging Science,  
Computing &  
Engineering



**PERSONALIZED  
GUIDANCE**  
Strong mentorship  
and academic  
advising



**RESEARCH &  
INNOVATION**  
Hands-on research  
and real-world  
problem solving



**FUTURE READY  
CAREERS**  
Industry, academia  
and entrepreneurship  
opportunities

**BUILD. EXPLORE. INNOVATE. TRANSFORM.**  
**AT IIT ROPAR**

State-of-the-Art Campus

Vibrant Student Community

Sustainable & Inclusive Future

Be a part of a new era in interdisciplinary engineering education.

**BE THE FUTURE.**