



**LAMRIN TECH  
SKILLS UNIVERSITY  
PUNJAB**



**L&T  
EduTech**

**ACADEMIC SESSION 2025-26**

## **B.TECH MECHANICAL ENGINEERING**

(DIGITAL MANUFACTURING USING AI & CPS)

**UNIVERSITY SCHOOL OF ENGINEERING & TECHNOLOGY**



**PAY HALF PROGRAM FEE AFTER PLACEMENT**

In the world of engineering and technology, change and advancements are happening very fast. Academia needs to keep pace with this change and career professionals need to adapt. This is the need to fill the gap, L&T EduTech and Lamrin Tech Skills University, Punjab, are at the forefront of this revolution. Together, they have launched a cutting-edge program, B.Tech in Mechanical Engineering (Digital Manufacturing using AI & CPS), designed to equip students with the skills and knowledge to thrive in the era of smart manufacturing. At LTSU, Mechanical Engineering specialization stands out with a curriculum carefully crafted to encompass core mechanical principles alongside contemporary subjects. Emphasizing project-based learning; the program integrates elective courses covering recent trends and techniques. This holistic approach equips students with not only essential mechanical skills but also enhances their global employability across diverse sectors. We take complete accountability of our student's careers and also share their financial burden. University introduces an innovative approach to financing education with our "Pay after Placement" scheme, exclusively tailored for B. Tech Mechanical Engineering aspirants. Under this program, students pay only half of the program fee once they secure a decent placement package meeting our criteria.

### **PROGRAM HIGHLIGHTS**

- Pay half fee after placement.
- Scholarships as per the LTSU policy.
- Hands-on Training: Engage in practical, experimental methods to cultivate real-world skills.
- Real-time Live Projects: Gain first hand experience in dynamic project environments with real-time projects.
- Industry Internships: Secure valuable practical experience through industry internships.
- Job Assurance: Job placement based on the performance and skill set.
- Industry live/real projects by L&T EduTech.
- Explore the key aspects of mechanics including design, manufacture, installation & operation of machines & manufacturing process

### **COURSE TECHNOLOGIES**

- Gain knowledge of advanced manufacturing processes and their applications.
- Study material science as it pertains to advanced manufacturing.
- Understand the fundamentals of design engineering.
- Learn the basics of FAE, electronics and computer technology with mechanical real world applications.
- Engage in research and development activities.
- Participate in experimental learning within modern and advanced laboratories.

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40 MINS DRIVE FROM CHANDIGARH ON CHANDIGARH - JALANDHAR NATIONAL HIGHWAY  
(NH 344A), NEAR ROPAR, DISTT. S.B.S NAGAR, PUNJAB 144533 (INDIA)

### **COURSE STRUCTURE**

Course Duration: 4 Years (3 Years + 1 Year OJT/OJD)

- Three years in LTSU Campus
- One year on Job Training/Deployment in Industry

### **ELIGIBILITY CRITERIA**

- Student with a minimum of 60 % marks in class XII Non Medical or 60% Percentile in JEE/CUET.
- Selection Process: Personal Interview Online/Offline

### **PROGRAM OUTCOMES**

The students will be able to:

- Design and conduct experimental studies to develop suitable solutions within the Mechanical Engineering field.
- Apply fundamental principles of Mathematics, Science and Engineering to solve technical challenges.
- Utilize Engineering design principles to generate solutions meeting specified requirements, considering various factors such as public health, safety, welfare, as well as global, cultural, social, environmental and economic aspects.
- Explore and innovate with new technologies.
- Engage in industry-linked and project-based learning throughout the B.Tech Mechanical Engineering program.

### **KEY SECTORS OFFERING/CAREER PROSPECTS**

Job prospects for B.Tech Mechanical Engineering graduates encompass a wide array of industries:

#### **Mechanical Industry:**

- (Top Mncs: L&T, Tata, Maruti, Honda Motors)
- Aeronautical Industry
- Automobile Industry
- Transportation & Logistics
- Textile, Oil & Gas Industry

#### **Metal & Mining Industry:**

- Automation
- Robotics
- Agriculture Industry
- Energy Sector
- Defence Industry and Many More....

SCAN FOR REGISTRATION



**www.ltsu.ac.in**

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