



Learn Beyond

**KPR Institute of  
Engineering and  
Technology**

(Autonomous, Affiliated to Anna University)

# MECHANICAL ENGINEERING

Imagine what's possible  
Engineer what's practical



BM | Chemical | Civil  
CS | EC | EE | Mech



**ENGINEERING**  
101-150



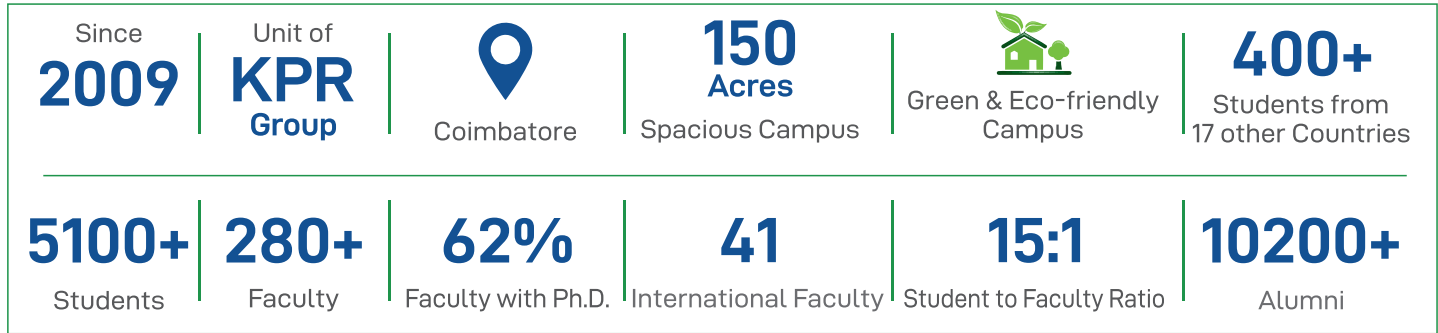
Times Higher Education  
Impact Rankings 2025  
1001 – 1500 Band



Counselling Code

**2764**

## Get to Know KPRIET



## About Mechanical Engineering



Tier 1 NBA Accredited UG programme



Offers PG programme: M.E. CAD/CAM



Approved Research Centre for Ph. D.



Industry-oriented autonomous curriculum

## Why B.E. Mechanical Engineering at KPRIET?



B.E./ B.Tech. Honors/ Honors with specialization/ Minor Degree



Extensive research facilities



Qualified and experienced Faculty team



Industry-oriented curriculum



Project and product-based learning



Modern infrastructure

# Career Opportunities

## Government Sector

Research & Development PSU, ISRO, Defence

### Core Areas

- ▶ Engineering Design
- ▶ Materials and Manufacturing
- ▶ Industrial Engineering
- ▶ Thermal Engineering
- ▶ Robotics and Automation
- ▶ Automotive and Energy Engineering

## Private Sector

- ▶ Automotives
- ▶ Aerospace
- ▶ Control and instrumentation
- ▶ Maintenance
- ▶ Nuclear Engineering
- ▶ Mining
- ▶ CAD
- ▶ Acoustic consultation
- ▶ Production management

## Higher Studies

Career Advancement Cell offers

- ▶ Higher education career guidance
- ▶ Comprehensive syllabus coverage of the entrance exams
- ▶ Exam tips, tricks, and strategies
- ▶ Mock tests and practice sessions

# Skill Development

KPRIET empowers students with hands-on training, industry exposure, and innovation-driven learning, shaping future-ready engineers for real-world challenges

## KPR IAS Academy

No. of successful candidates

19	04	10	19	15	20
IAS	IFS	IPS	IFoS	IRS	Others

13	Cultural Clubs Sangamam
14	Technical Clubs Ignitron
13	Sports Clubs Sportan

# 28 Professional Societies



# Community Services



## Academic Laboratories



Basic Workshop



Automobile



Machining and Material Testing



Dynamics



Metrology and Measurements



Heat Power



Machine Shop



Thermal Engineering

## Funds Received

₹ 1.2 Cr

Funding Agencies

## Research

880+

Publications

150+

Patents

130+

Books/ Book Chapters

70

h index

20

i10

60+

Products Developed

## Centres of Excellence & Special Laboratories



Advanced Material Characterization



KONE Centre of Excellence



Energy Science and Engineering



IoT and AI



Machining and Material Testing



Nano Science and Technology



Bosch – Automotive Joint Certification Program



EKKI Pump Technology



Robotic Welding and NDT

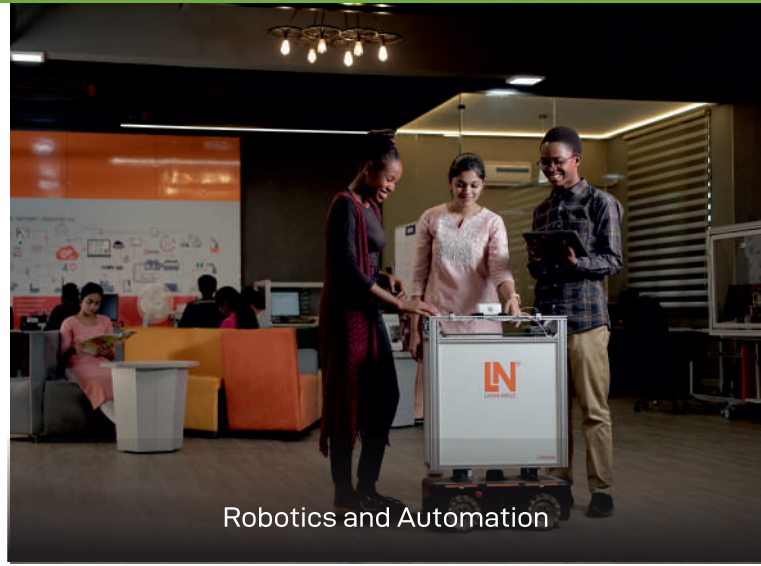


Electric and Hybrid Vehicles

# ACTIVE LEARNING CENTRES



KONE Centre of Excellence



Robotics and Automation



3D Printing



Drones and UAV



L&T Experience Engineering

## Core Domains

- ▶ Rapid Prototyping using 3D Printing
- ▶ Industrial Automation
- ▶ Structural & Thermal Analysis
- ▶ AI and Machine Learning
- ▶ 3D CAD Modeling
- ▶ Special Machining Techniques

## Skill Development Courses

- ▶ Manufacturing and Automation
- ▶ Robotic Welding & NDT
- ▶ Design, Modelling and Analysis

## Value Added Courses

- ▶ Material Characterization
- ▶ Design with Geometric Dimensioning and Tolerancing (GD&T)
- ▶ Abaqus
- ▶ Computational Fluid Dynamics
- ▶ CNC Programming
- ▶ Creo and ADAMS

## Hons. / Minor Degree Verticals

- ▶ AI and Machine Learning
- ▶ Full Stack Development
- ▶ Cloud Computing and Data Processing Technologies
- ▶ Bioprocess Engineering
- ▶ Medical Device Development
- ▶ Construction Management
- ▶ Infrastructure Engineering
- ▶ Sensor Technology and IoT
- ▶ Electric and Hybrid Vehicles
- ▶ Embedded Systems
- ▶ Robotics and Automation



# Entrepreneurship Development

(2020 to 2026)

# 24

Startups from KPRIET

# ₹28.6 Lakh

Funded for Startups

## Competitive Exams

Training offered for

GATE | CAT | TANCET | UPSC | TNPSC | AFCAT

## Industry Relations



KPRIET develop entrepreneurship through



Leadership  
summit



Business  
Conclave



Entrepreneurs'  
Talk



Mentoring  
Session

Students Pursuing / Completed Higher  
Studies around the world

# 145+

# 100+

MoUs

KPRIET provides practical learning through

- ▶ Industrial visits
- ▶ In-plant training through live projects
- ▶ Guest lectures by industry experts
- ▶ Industry Knowledge Development Program
- ▶ Internship with stipend

## International Collaborations

# 50+

 Universities  
and Industries

Research



Higher Education



Tech Immersion



VCU



LTU



Kristianstad  
University  
Sweden

SUNWAY  
UNIVERSITY



UWS

UNIVERSITY OF THE  
WEST of SCOTLAND



Fraunhofer  
IWS



國立中央大學  
National Central University

esaip  
La Salle

ÉCOLE D'INGÉNIEURS



CENTRALE  
NANTES

## Placement Record



**₹33LPA**

Highest Salary



**₹4.5LPA**

Average Salary



**40+**

Companies Recruiting



**140+**

Offers



**93.5%**

Placement Record

## Endless Opportunities, Endless Achievements

## Top Recruiters



Students demonstrate strong technical knowledge, discipline, and a readiness to adapt to industry needs. Their practical exposure and innovation mindset align well with current industry expectations. KPRIET continues to be a reliable source of skilled, future-ready engineers.

**Dr. C. S. Rajamanickam**  
TATA Auto Components Systems Ltd.



My journey in Mechanical Engineering has been truly enriching. The programme built a strong foundation in core concepts, supported by hands-on learning and a collaborative environment. It strengthened my technical skills, problem-solving ability, and confidence—preparing me for real-world challenges and inspiring me to pursue my dream career in Formula 1.

**Mr. S. P. Jagadeesh** (Alumni 2012-2016)  
Data Performance Analyst - Competitor Performance and Race Strategy  
Formula 1, England, UK

## THE KPR GROUP



Avinashi Road, Coimbatore - 641 407, India  
0422 2635600 | +91 75488 88444 | +91 75488 88555  
admission@kpriet.ac.in

kpriet.edu.in      /KPRIETonline