



Learn Beyond

**KPR Institute of
Engineering and
Technology**

(Autonomous, Affiliated to Anna University)

CHEMICAL ENGINEERING

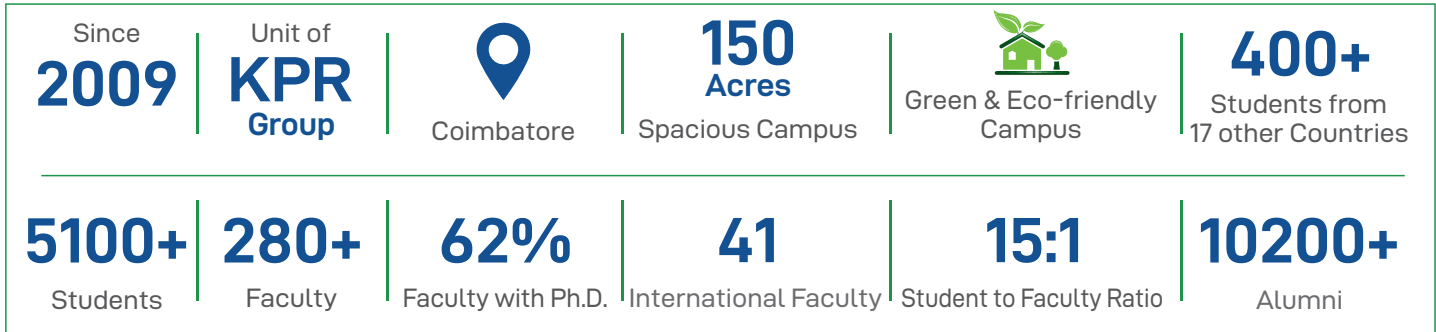
Process Design to
Production Reality



Counselling Code

2764

Get to Know KPRIET



About Chemical Engineering



Multi-disciplinary branch of engineering that combines natural and experimental sciences



Indian Chemical Industries Ranks 5th in the world in terms of revenue generation and employment

Why B.Tech. Chemical Engineering at KPRIET?



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



Project based learning



Academics focused towards students career



Industry-oriented curriculum



MoUs with leading industries



Excellent infrastructure

Academic Laboratories



Mechanical Operation



Mass Transfer



Process Control



Heat Transfer



Fluid Mechanics



Technical Analysis



Chemical Reaction Engineering



Design and Simulation

Funds Received

₹ **94.5** Lakhs
Funding Agencies

Research

145+ Publications
23+ Patents
32+ Books/ Book Chapters
15 Products

Centres of Excellence & Special Laboratories



Advanced Material Characterization



Bio Signal Processing



Energy Science and Engineering



IoT and AI



Machining and Material Testing



Nano Science and Technology



L & T Experience Engineering



Robotics and Automation



Drones and UAV



Electric and Hybrid Vehicles

Academic Laboratories



Mechanical Operation



Mass Transfer



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Robotics and Automation



Drones and UAV



Electric and Hybrid Vehicles

ACTIVE LEARNING CENTRES



Chemical Analysis



Process Control



Heat Transfer



Mass Transfer



Reaction Engineering

Core Domains

- ▶ Design and Manufacture
- ▶ Bioprocess Engineering
- ▶ Oil, Gas and Petroleum
- ▶ Energy Systems Engineering
- ▶ Environmental Engineering
- ▶ Computational Chemical Engineering

Value Added Courses

- ▶ Introduction to Food Processing
- ▶ Industrial Pollution and its Control
- ▶ Food Processing and Preservation
- ▶ Cryogenic Technology
- ▶ Advanced Oxidation Process
- ▶ Sustainable Agriculture and Smart Farming
- ▶ Materials Characterisation
- ▶ Hydrogen Economy and Fuel Cells

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 | TANCET | TNPSC - AE | SSC - JE

Industry Relations



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

KPRIET develops entrepreneurship through



Leadership
summit



Business
Conclave



Entrepreneurs'
Talk



Mentoring
Session

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



La Salle
ÉCOLE D'INGÉNIEURS



CENTRALE
NANTES

Placement Record



₹10 LPA

Highest Salary



₹4.5 LPA

Average Salary



50+

Companies Recruiting



75

Offers



100%

Placement Record

Endless Opportunities, Endless Achievements

Top Recruiters



KPRIET's Chemical Engineering department offers industry aligned laboratories and a strong academic ecosystem focused on safety, practical learning and innovation. Chem Skill Development Centre looks forward to engaging with and welcoming KPRIET students into the chemical industry.

Ramya Bharatham,
President – Indian Chemical Council
Managing Director & CFO – Thirumalai Chemicals Limited



Chemical Engineering department has given me a strong foundation through supportive faculty, well-equipped labs, and industry-oriented learning. Hands-on training, mini projects, industrial visits, and technical activities improved my practical skills and confidence. I am proud to be a part of the Chemical Engineering Department at KPRIET.

Ms. B. Umamaheshwari,
Batch 2025

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