



Learn Beyond

KPR Institute of Engineering and Technology

(Autonomous, Affiliated to Anna University)

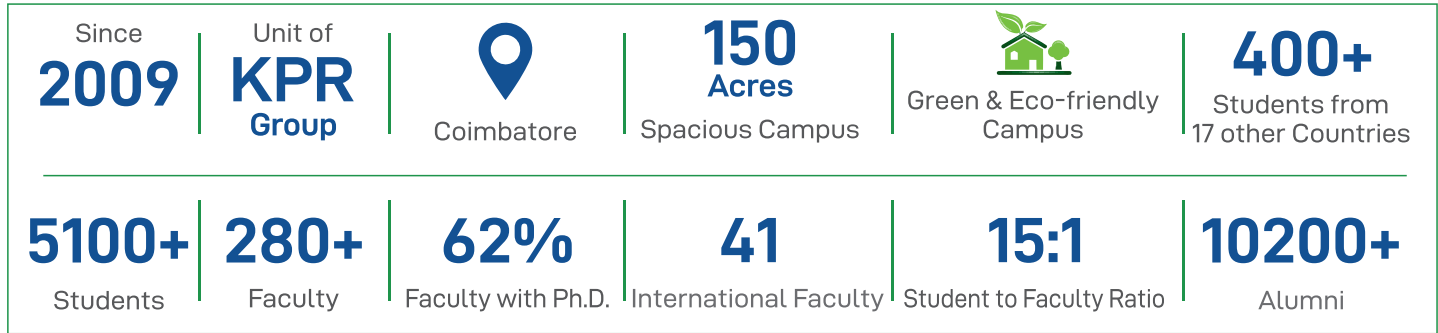
CSE ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Master the Machine



Counselling Code
2764

Get to Know KPRIET



About Artificial Intelligence and Machine Learning



An interdisciplinary domain to create intelligent systems to perform tasks that require human intelligence



Amalgamates Computer Science, Mathematics, Statistics, and Neuroscience to design algorithms and models

Why B.E. CSE Artificial Intelligence and Machine Learning at KPRIET?



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



Courses by industry experts



Encourage to participate in co-curricular and extra-curricular activities



Work in live industry projects as part of internship



Experience latest Technology (IoT Toolkits and Movidius Neural Compute Stick for ML)



Qualified and experienced faculty team

Career Opportunities

Government Sector

Government-funded research institutions

Public Services: Data analytics, Predictive Modelling, Automation, Decision Support Systems

National Security and Defence: Cybersecurity, Threat Detection, Strategic Planning, Developing advanced algorithms, Machine Learning Models

Global Opportunity

IT Industry: Product Development, AI Development, Data Engineering

Pharmaceutical Industry: Drug Discovery, Genomics, Clinical Trials, Supply Chain Optimization

E-commerce: Product Recommendations, Customer Segmentation, Pricing Optimization

Oil and Gas Industry: Predictive

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

Emotional Well-being

KPRIET aids students in overcoming health and emotional challenges to ensure effective learning and well-being.

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



High Performance
Computing



Graphics and Vision



Learning and Intelligent
Systems



Oracle



Emerging Technologies



Intelligent Systems



Network, Security
and Cloud



Python

Research

50+

Publications

10

Patents

15

Books/ Book Chapters

6

h index

7

i10

Research Areas

- ▶ Deep Learning & Neural Networks
- ▶ Machine Learning Algorithms
- ▶ Big Data Analytics

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



Bosch – Automotive
Joint Certification
Program



EKKI Pump
Technology



Smart Antenna
Systems



Electric and
Hybrid Vehicles

ACTIVE LEARNING CENTRES



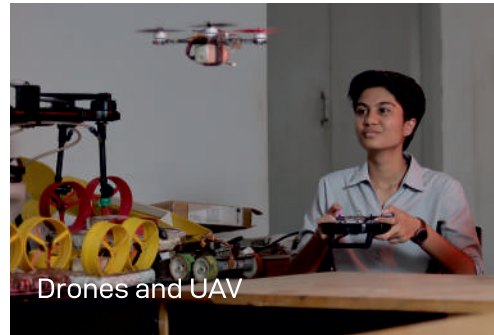
Data Science



Robotics and Automation



L&T Experience Engineering



Drones and UAV



AR / VR (MAAC)

Core Domains

- ▶ Data Science
- ▶ AI and ML
- ▶ Cloud
- ▶ Data Processing
- ▶ Networking and Cyber Security
- ▶ Full Stack Development
- ▶ IT and IT Enabled Services

Skill Courses

- ▶ Programming Languages
- ▶ Database Management
- ▶ Software Development Life Cycle (SDLC)
- ▶ Web Development
- ▶ Algorithmic Problem Solving
- ▶ Competitive Coding

Value Added Course

- ▶ Holistic Coding: Full Stack Unveiled
- ▶ The art of C++: Crafting Code and Elegance
- ▶ Augmented Reality/Virtual Reality
- ▶ Extended Reality (XR)
- ▶ Android Application Development
- ▶ Chatbot Development
- ▶ Cybersecurity for AI Systems
- ▶ Quantum Computing

- ▶ Certifications In Technologies
- ▶ Internship Programs
- ▶ Industry Workflows
- ▶ Networking Skills
- ▶ Communication Skills
- ▶ Teamwork and Collaboration
- ▶ Leadership Skills

Honors & Minor Degree Verticals

- ▶ Artificial Intelligence and Machine Learning
- ▶ Applied Machine Learning
- ▶ 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 | TNPSC | SSC

Industry Relations



KPRIET develops entrepreneurship through



Leadership
summit



Business
Conclave



Entrepreneurs'
Talk



Mentoring
Session

KPRIET provides practical learning through

100+

MoUs

- ▶ 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



H KR
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

Endless Opportunities, Endless Achievements



₹ 54LPA

Highest Salary



₹ 5.2LPA

Average Salary



₹ 1 LPM

Highest Internship Stipend



155+

Companies Recruiting



655

Offers



92.3%

Placement Record

Top Recruiters



I had the opportunity to collaborate with the Department of CSE (AIML), and it was a highly enriching experience. The department maintains excellent standards, fostering students with strong technical skills and innovative thinking. Their focus on emerging technologies like machine learning, deep learning, and computer vision is reflected in students' strong theoretical knowledge and practical problem-solving abilities aligned with industry needs. The students are skilled, adaptable, and industry-ready. I am confident the department will continue to contribute significantly to the AI/ML field and strongly recommend them to organizations seeking talented professionals.

Babu U S
AI/ML Engineer, NielsenIQ, Chennai.

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