



Learn Beyond

**KPR Institute of
Engineering and
Technology**

(Autonomous, Affiliated to Anna University)

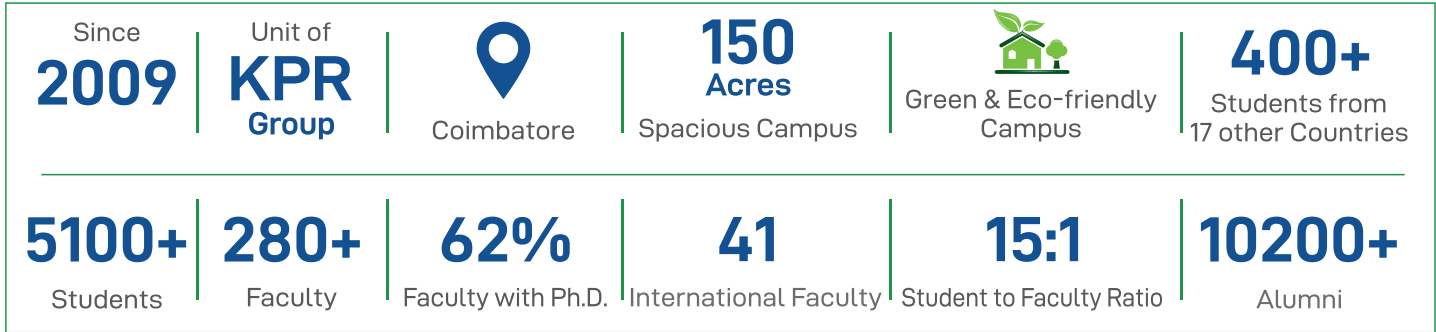
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



Counselling Code

2764

Get to Know KPRIET



About Artificial Intelligence and Data Science



Artificial Intelligence and Data Science (AD) is an Interdisciplinary approach to Computer Science, and Mathematics with relevant domains



Students are exposed to real-world data sets and projects, allowing them to apply theoretical knowledge in practical scenarios

Why B.Tech. Artificial Intelligence and Data Science at KPRIET?



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



Extensive research facilities with approved Research Centre for Ph.D.



Modern infrastructure



Industry-oriented autonomous curriculum



MoUs with leading industries



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

Career Opportunities

Government Sectors

- ▶ National Informatics Centre
- ▶ ISRO, DRDO
- ▶ Indian Railways (R&D data divisions)
- ▶ AI & Data Science wings in ministries (Health, Agriculture, Finance)
- ▶ State Data Centers & Smart City initiatives
- ▶ Public Sector Banks (AI in fraud detection, lending analytics)

Private Sectors

- ▶ Data Engineer
- ▶ Deep Learning Specialist
- ▶ Computer vision Specialist
- ▶ Business Intelligence (BI) Developer

- ▶ AI Product Manager
- ▶ AI Solutions Architect
- ▶ Robotics/Automation Engineer
- ▶ Cloud AI Specialist

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

Research

- ▶ Ph.D. Student / Research Scholar – Universities & institutes
- ▶ Post-Doctoral Researcher
- ▶ Research Scientist (AI/ML) – Labs & research units in industry
- ▶ Research Associate / Project Scientist
- ▶ CSIRO (Australia), Max Planck Institutes (Europe)
- ▶ AI Research at Microsoft Research, Google Research, OpenAI, DeepMind

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 Computing



Network, Security and Cloud



Python

Research

47

Publications

7

Patents

5

Books/ Book Chapters

9

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1

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



Bosch – Automotive Joint Certification Program



EKKI Pump Technology



Robotics and Automation



Electric and Hybrid Vehicles

ACTIVE LEARNING CENTRES



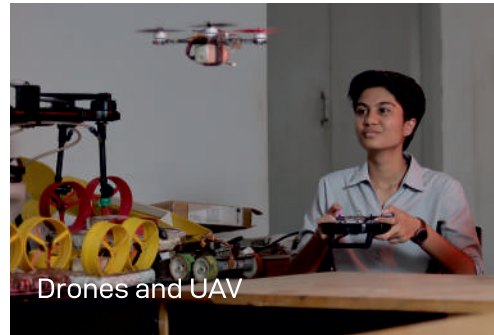
Data Science



Robotics and Automation



L&T Experience Engineering



Drones and UAV



AR / VR (MAAC)

Core Domains

- ▶ Computational Analytics
- ▶ Artificial Intelligence and Machine Learning
- ▶ Cloud Computing and Data Processing Technologies
- ▶ Networking and Cyber Security
- ▶ Full stack Development
- ▶ IT and IT Enabled Services
- ▶ Management and Marketing

Skill Courses Offered

- ▶ Soft Skills Training
- ▶ Aptitude Training
- ▶ Technical Training
- ▶ Problem Solving (Programming)

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 | IELTS

Industry Relations



100+

MoUs

KPRIET develops entrepreneurship through



Leadership
summit



Business
Conclave



Entrepreneurs'
Talk



Mentoring
Session

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

