# Artificial Intelligence and Data Science

## THE KPR GROUP

KPR | Quantum | Learn Beyond KPRIET | KPR Sugar Mills

Audi Coimbatore Madurai | KPR | Learn Beyond KPRCAS | FASO

## Centres of Excellence

SIEMENS | GUVI | virtusa | EKKI PUMPS | SYSTEMS | EMURGO ACADEMY IGNITIVE LABS

BOSCH Invented for life | Red Hat | aws | SAI | TwirTact Innovate Integrate Inspire | AUTOMATION ANYWHERE

## Top Recruiters

IBM | Google | amazon | TESLA | twitter | f

Apple | Microsoft | SAMSUNG | ZOHO | ORACLE | intel

**Highest Salary** ₹ 20 LPA
**Average Salary** ₹ 4.5 LPA

## KPR IAS Academy

### Institute for UPSC Exams

| 2017 | **06** Successful Candidates |
| | **09** Successful Candidates | 2018 |
| 2019 | **24** Successful Candidates |
| | **12** Successful Candidates | 2020 |

kpriasacademy.in

## Facilities @ KPRIET

NCC | NATIONAL SERVICE SCHEME | Hostel | Gym

12 km from Airport | Transport | Salon | Juice Shop

Food Court | Mini Market | Sports | 24 km from Railway

## KPR Institute of Engineering and Technology

Learn Beyond

(Autonomous, NAAC "A")

**Counselling Code 2764**

**kpriet.ac.in**

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## About the Department

- The scope of Artificial Intelligence and Data Science (AD) is massive and plays a vital role in future technologies.
- AD Curriculum is designed to enable the students to build intelligent machines, softwares and applications.
- AD works with a cutting-edge combination of Machine Learning, Deep Learning, Data Analytics and Visualization Technologies.
- The current talent pool in the IT industry has set its eyes on AD as an avenue for attractive pay and rewarding careers.
- AD provides a career with exceptional prospective fields and challenging roles in futuristic industries.

## Why AD @ KPRIET?

- Faculty team with International exposure, expertise in AI and Data Science
- International certificates and value additions
- Collaborations with International universities
- Blended teaching with lab integrated curriculum
- Centre of Excellence with Industry collaboration
- Laboratories powered with high end Apple machines
- Industry ready curriculum & project based learning
- Industry Specialization courses through Xebia academy
- Personalized hands-on training through industry projects
- Co-curricular and extracurricular activities
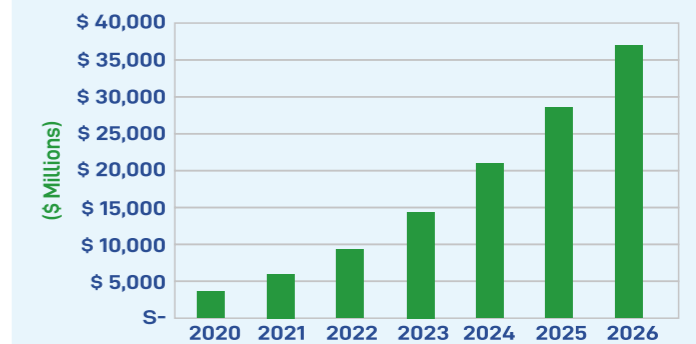
## AD Laboratories

- Artificial Intelligence Lab
- Data Science Lab
- Deep Learning Lab for Computer Vision



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## Core Areas of AD

- Deep Learning
- Machine Learning
- Natural Language Processing
- Data Analysis
- Reinforcement Learning
- Big Data Analytics
- Business Intelligence

## Revenue Growth of AI



($ Millions)
$ 40,000 / $ 35,000 / $ 30,000 / $ 25,000 / $ 20,000 / $ 15,000 / $ 10,000 / $ 5,000 / S-
2020 2021 2022 2023 2024 2025 2026

## Research Opportunities @ Government Sector

- AI spend in India has increased at 109.6% during 2018 to reach US$ 665 million.
  Source: globenewswire.com
- Over the forecast period (2019-2025), AI is expected to record a CAGR of 39%.
  Source: World Economic Forum
- Investments in AI is predicted to increase from 1,176.6 million USD in 2019 to 11,781.9 million USD by 2025.
  Source: World Economic Forum
- The Machine Learning Market was valued at 1.0 billion USD in 2020 and is expected to reach 8.48 billion USD by 2026, at a CAGR of 43% (2021-2026).
  Source: mordorintelligence.com

## MoUs & Societies

- International Collaboration program in association with Xebia, Netherlands
- Center of Excellence with Virtusa for Full Stack developer training
- Analytics Society of India (ASI), Data Centre and Analytics Lab, Indian Institute of Management Bangalore.

**Predicting the future isn't magic it's Artificial Intelligence**
*Dave Waters*

## AD Job Openings by 2026

Projected 5-Year growth from 2021

| | |
|---|---|
| Data Scientist & Advanced Analysts | 43% |
| Data Science And Analytics Job | 31% |
| Data-driven Decision Makers | 29% |
| Data Systems Developers | 28% |
| Functional Analyst | 31% |
| Analytics Manager | 30% |
| Data Analyst | 32% |

Source : Burning Glass Technologies