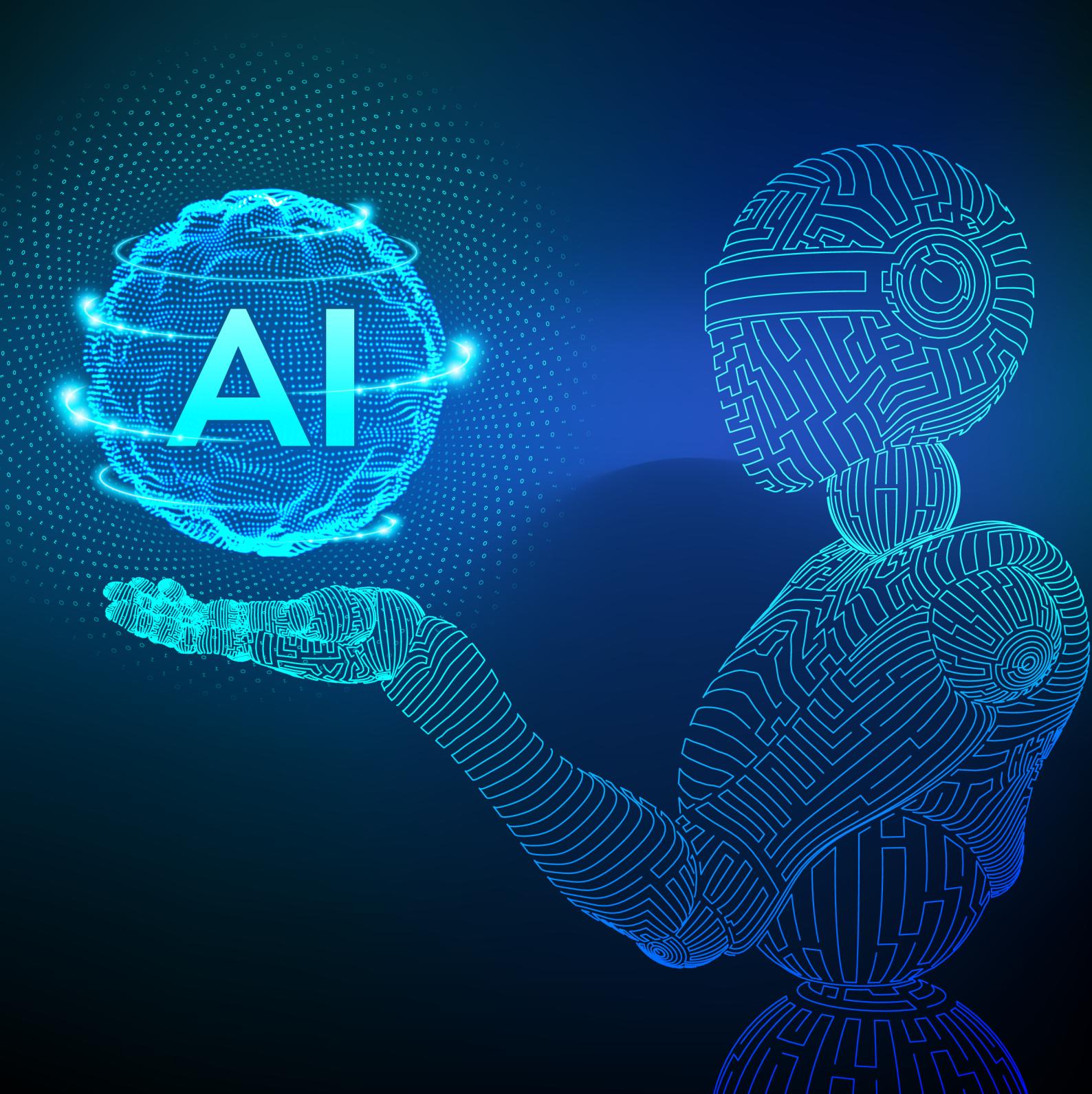


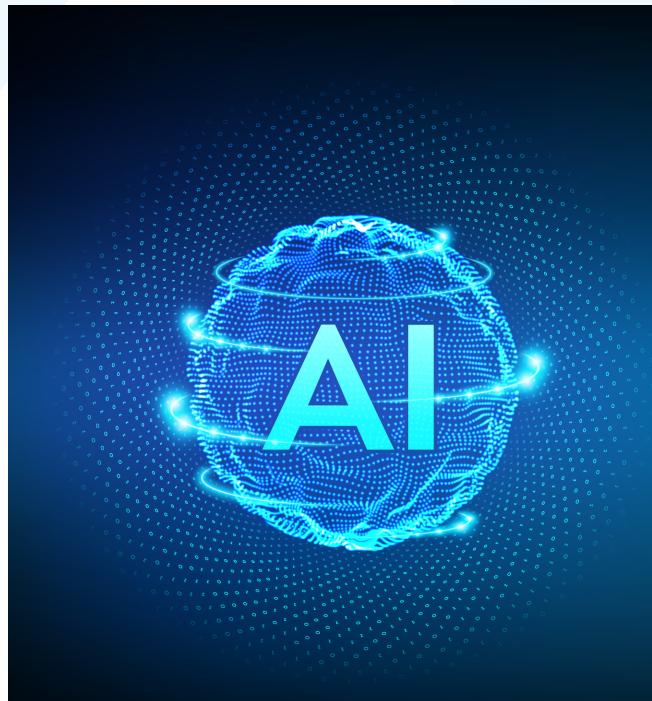
POST GRADUATE PROGRAMME IN

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING



Post Graduate Programme In Artificial Intelligence and Machine Learning

Machine Learning & AI are the most important technologies of the future creating 23 Lakhs job openings as per Gartner Report. More than 50,000 Artificial Intelligence & Machine Learning jobs are vacant in the present market. 163,000+ active Artificial Intelligence & Machine Learning related vacancies on LinkedIn. The average salary of an Artificial Intelligence & Machine Learning Engineer is ₹35-50 Lakhs/year. With this in mind, IREU is offering PGDM programs to help develop aspiring students who can take charge of the Artificial Intelligence and Machine Learning space.



The course curriculum is designed by leading academicians and experienced AI and Machine Learning industry practitioners.

AI and ML related assignments and projects will give an application-oriented and industry-relevant understanding of Analytics.

The highly selective and rigorous 12-month online PG Diploma, developed by IREU aims to prepare students for Artificial Intelligence and Machine Learning roles. This program will help you:

- ◆ Learn Classification Algorithms, Deep Learning, NLP, Reinforcement Learning, Graphical Models and Deployment Models.
- ◆ Create intelligent solutions such as Chatbots, Smart Games and Image Classifiers.
- ◆ Participate in hackathons and develop a portfolio of industry projects.

USPs of the Program

- ◆ CUTTING-EDGE CURRICULUM
- ◆ FOR THE INDUSTRY, BY THE INDUSTRY

Learn the most advanced and industry demand applications which are transforming companies. These projects are created by collaborating with industry experts to help you develop an in-depth understanding of industry trends.

- ◆ EXTENSIVE DIGITAL CONTENT

including experts lecture videos and engaging digital learning material

- ◆ CAREER GUIDANCE

Apply for suitable Data Science, Machine Learning and AI profiles through our career support. You will get 1:1 industry mentorship which will help you prepare for the roles of tomorrow.

Program Objective

1. Enable students to be industry ready in AI & ML space.
2. Produce professionals with strong algorithmic perspective of AI & ML
3. Provide comprehensive understanding of the data science pipeline.
4. Provide deeper understanding of AI & ML techniques to enhance informed decision making.
5. Provide hands-on to solve real life AI & ML problems

Program Curriculum

MATHEMATICAL STATISTICS ESSENTIALS

REGRESSION

FEATURE ENGINEERING

NATURAL LANGUAGE PROCESSING

MACHINE LEARNING

TEXT MINING

DEEP LEARNING & ARTIFICIAL NEURAL NETWORKS

GRAPHICAL MODELS

REINFORCEMENT LEARNING

CAPSTONE PROJECT

During the capstone project, using AI & ML techniques , participants will be working in teams to design and solve a real world business problem . They will have to identify the AL & ML solutions and apply the same to derive at the best outcomes.

Program Details

PROGRAM STARTS

JUNE 2021

*Subject to changes

DURATION

12 Months

ELIGIBILITY

Bachelor's/Master's degrees in Computer Science/Engineering/Math/Statistics/ Economics/Science with a minimum of 50% marks in graduation

SELECTION PROCESS

Candidates are expected to fill out an application form and then undergo selection test to assess college-level mathematics and basic programming skill

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