



हैदराबाद विश्वविद्यालय
University of Hyderabad



Diploma in Artificial Intelligence (AI) & Machine Learning (ML)

12 Months | Online | Flexible Learning | Graduate from UOH



TRANSFORM YOUR PASSION INTO EXPERTISE - THE UOH DIFFERENCE

The University of Hyderabad (UoH) was born in 1974 in 'The Golden Threshold' (GT) in the heart of the city, which was bequeathed to the university by Sarojini Naidu's family. Built in an Indo-European style of architecture with huge Islamic-style arches, and a colonial-style colonnaded verandah, the Golden Threshold housed the university until it moved into its sprawling 2,500 acres campus. It later housed the Sarojini Naidu School of Performing Arts, Fine Arts and Communication, the only school in the university to be named after an individual. Currently, the Centre for Distance and Virtual Learning functions from its premises. The university has developed the place into a cultural hub.

OVERVIEW OF UNIVERSITY OF HYDERABAD

Ranked 591-600	In the World by QS Rankings 2019
Ranked 4th	In NIRF Rankings
Awarded A *****	By NAAC
5000	Students
400+	Teaching Staff
1200	Non-Teaching Staff

WHY CHOOSE ONLINE DIPLOMA PROGRAMS BY THE UNIVERSITY OF HYDERABAD?

- Anytime, Anywhere Learning
- Cutting-Edge Curriculum
- Career-Centric Education
- Flexible & Affordable
- Networking Opportunities

Diploma in Artificial Intelligence (AI) and Machine Learning (ML)

The online Diploma in AI and ML course prepares students for the rapidly growing field of AI and ML, crucial in sectors like healthcare, finance, and technology. Students learn to design intelligent systems, analyze big data, and develop machine learning models.

Who Can Apply? - Course Eligibility

- Graduates with +2 level mathematics.

What You Will Learn?

- Advanced Algorithms in AI & ML
- Practical Applications of AI & ML
- Programming for AI & ML

Key Highlights



Program Objectives

- Provide a solid foundation and in-depth understanding of AI & ML concepts, algorithms, and applications.
- Develop practical skills in designing, implementing, and evaluating AI & ML models for various real-world problems.
- Emphasize ethical considerations in AI & ML applications, focusing on responsible and unbiased AI practices.
- Enhance problem-solving abilities by applying AI & ML techniques to diverse domains.
- Prepare students for advanced research in AI & ML, encouraging innovation and contributing to the evolving field of artificial intelligence.

PROGRAM SYLLABUS

Semester I (21 Credits)

1. Foundations of AI & ML (7 credits):

- Introduction to AI & ML concepts
- Programming with Python and R
- Fundamentals of Data Structures and Algorithms

2. Data Science Essentials (7 credits):

- Data Preprocessing and Wrangling
- Exploratory Data Analysis
- Basic Statistical Methods and Probability

3. Applied Machine Learning (7 credits):

- Supervised Learning Techniques
- Unsupervised Learning Techniques
- Evaluation Metrics and Model Optimization

Semester II (22 Credits)

1. Advanced Machine Learning (7 credits):

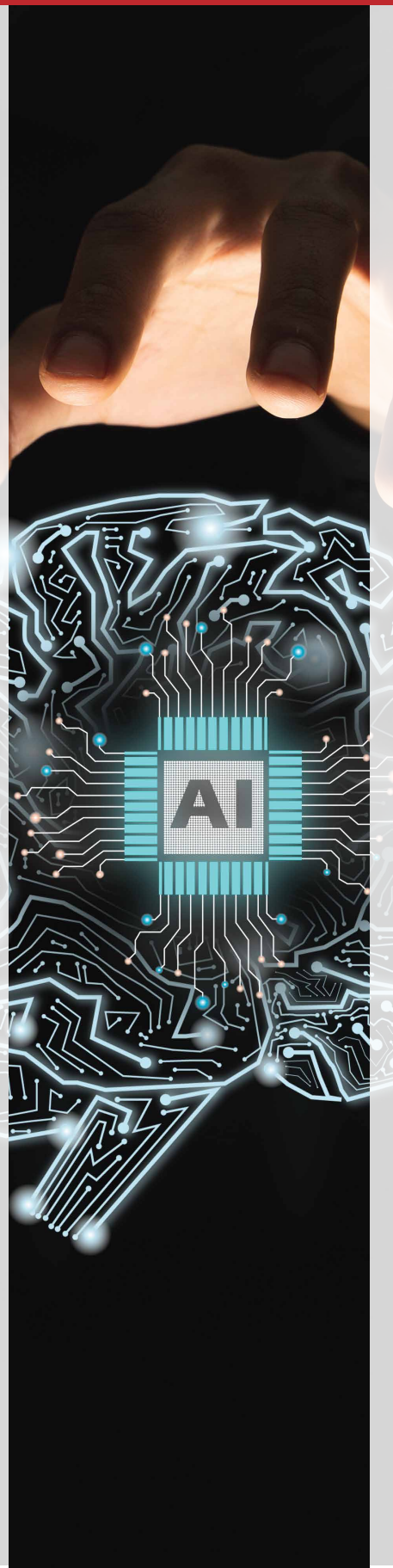
- Ensemble Methods and Random Forests
- Feature Engineering and Selection
- Advanced Regression and Classification Techniques

2. Deep Learning and Neural Networks (7 credits):

- Introduction to Neural Networks
- Deep Learning Frameworks (TensorFlow, PyTorch)
- Convolutional Neural Networks (CNNs),
Recurrent Neural Networks (RNNs)

3. Capstone Project (8 credits):

- Application of AI & ML in real-world scenarios
- Industry or Research-focused project
- Guidance from industry and academic experts



FEE STRUCTURE

PROGRAM	DURATION	REGISTRATION FEE	SEM 1 FEE	SEM 2 FEE	TOTAL FEE
Diploma in AI & ML	12 Months	300	20000	20000	40300

PROGRAM ADMISSION JOURNEY

01



Fill up an online application form, upload the required documents and submit application

Make the application payment

03



Shortlisting based on work, and education profile

02



If shortlisted, you will receive an offer letter from the University of Hyderabad

05



Pay admission confirmation fee within 7 days of receiving the offer letter

04



Note: The application fee once paid is not refundable. The University of Hyderabad reserves the right to conduct the admissions process. By submitting the application, the students agree that any decision regarding admissions from the University of Hyderabad will be final and binding.



Get In Touch With Us

For more information

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