NAVRACHANA UNIVERSITY
a UGC recognized University

School of Engineering and Technology

Center for PROFESSIONAL EDUCATION

Machine Learning and AI

Classes in Evening or Weekends
25 Seats | January, 2022

A 4-Month Certificate Program

NAVRACHANA UNIVERSITY

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Certificate Program in

Machine Learning and Artificial Intelligence

It is a four months, hands-on program designed to make you understand the data structure and data analysis and the concepts of supervised and unsupervised learning models. Also, you will learn to use scientific and technical computing technologies like programming – SciPy, TensorFlow and sub-packages and mathematical computing packages such as Numpy, Pandas and Scikit-Learn. The program will enable you to apply machine learning in processing large natural language data and computer vision including face recognition, leaves classification and more.

Program Details

Duration : **4 Months**

Program Fees : **Rs. 22,000**

Batch Size : **25**

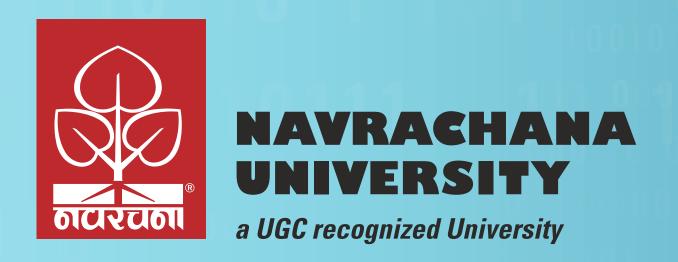Class Timings : **In the evening or on weekends**

Starting : **January, 2022**

Eligibility : **2nd year UG / Diploma and above**

- **Flexibility in time and delivery mode as per the requirement of the batch**

- **Learning support with NUV – Learning Management System – Accessible from anywhere via internet**

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Who Should Join?

- Students from computer science, statistics, data science.
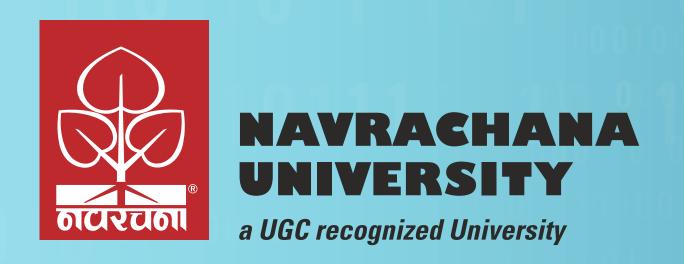- Those who are interested in machine learning and artificial intelligence

Navrachana University

Established through the Gujarat Private Universities Act, 2009 with the intent to offer superior education that befits the high educational standards of the Navrachana Educational Society in Vadodara. Navrachana University comprises five schools offering variety of Under-Graduate and Post-Graduate Programs.

- School of Business and Law
- School of Engineering and Technology
- School of Environmental Design and Architecture
- School of Science
- School of Liberal Studies and Education

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School of Engineering and Technology

With its innovative programs, state-of-the-art facilities and outstanding faculty members who have extensive real-world industry experience, the School of Engineering and Technology, Navrachana University, aims to emerge as a centre of excellence for holistic higher education.

Working in close association with industrial and academic experts, the School offers several unique under-graduate and post-graduate programs in the field of Engineering, with degrees in BTech, MTech, BCA and BSc-Data Science.

Program Structure

Unit – 1 : Basics of Python

Unit – 2 : Numpy and Scikit

Unit – 3 : Matplotlib and Pandas

Unit – 4 : Basics of Data Science & Machine Learning

Unit – 5 : Supervised Learning & It's Applications

Unit – 6 : Unsupervised Learning & It's Applications

Unit – 7 : Advanced ML Concepts

Unit – 8 : Introduction to Deep Learning

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Pedagogy

- Well-structured classroom sessions, and personal interaction with faculty

- Short class-room projects in various functional areas

- Programmed self-learning and group learning

- Project work as application of concepts to real life situations

Faculty

CLICK HERE

- **Mr. Yogesh R Chaudhari**
  (Navrachana University)

- **Dr. Salma Pirzada**
  (Navrachana University)

- **Mr. Gauravkumar Gaharwar**
  (Navrachana University)

- **Mr. Shubhagato Adak**
  (Data Scientist, Royal Dutch Shell)

Admission

- Any graduates or undergraduate (from 2nd year onwards) from a recognized university

- Selection will be based on score in the last exam appeared and interview
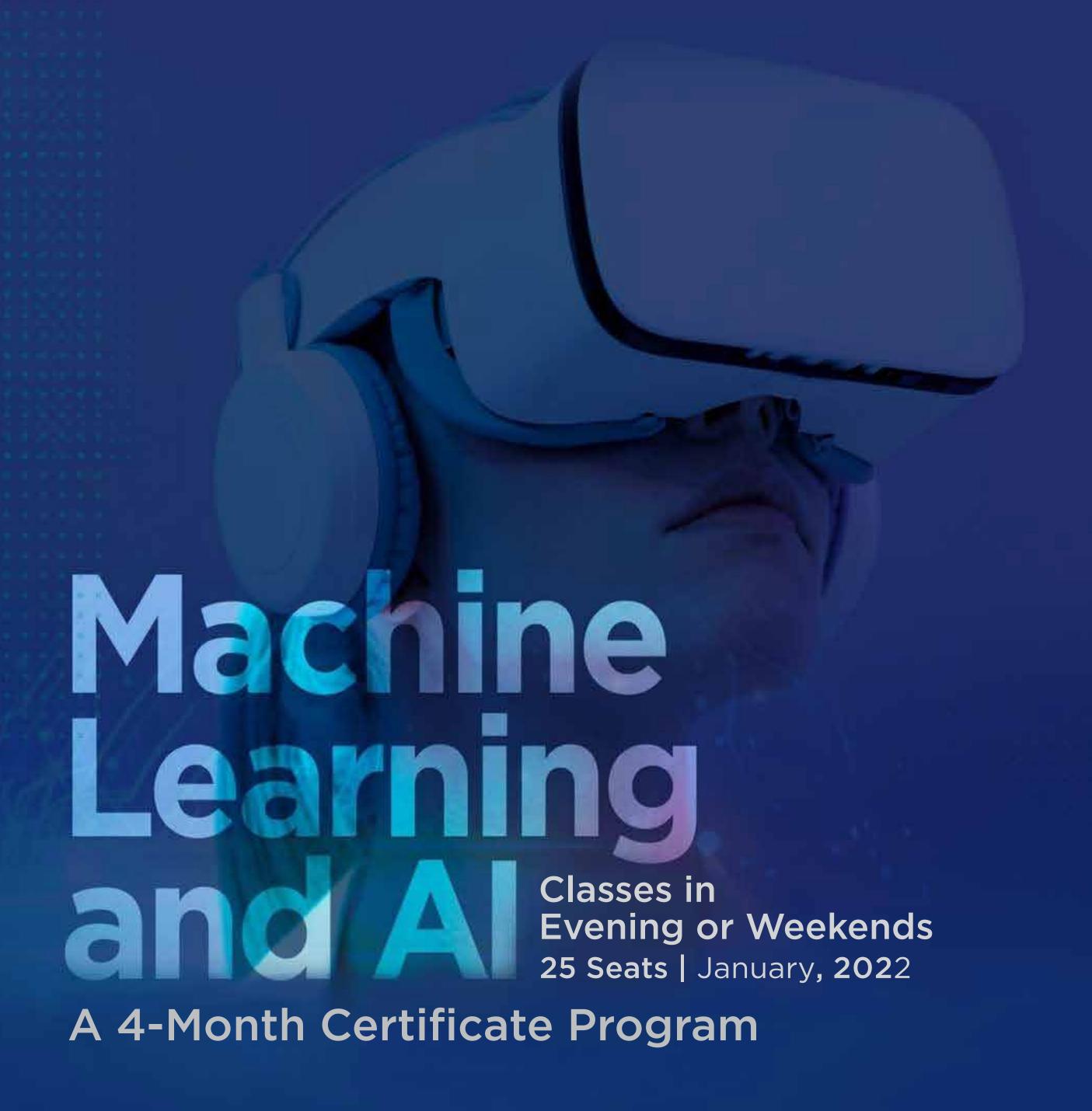
Fees Payment

- Registration Fees – Rs. 2000
- Balance Fees – Rs. 20,000 (Before the program starts)

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