Faculty Development Program
on
Mathematics For Machine Learning (MFML-2021)

Organized by

Department of CSE, National Institute of Technology Arunachal Pradesh, India

NATIONAL INSTITUTE OF TECHNOLOGY

ARUNACHAL PRADESH

FDP on

Mathematics For Machine
Learning
(MFML-2021)

27th to 31th July 2021

Venue

Google Meet

Sponsored By

ATAL

Patron

Professor Pinakeswar Mahanta
Director, NIT Arunachal Pradesh

Convener

Dr. Deepak Gupta

Co-Ordinator

· Dr. Manash Pratim Dutta

· Dr. Koj Sambyo

· Dr. Swarnendu Kumar Chakraborty

· Dr. Subhasish Banerjee

· Dr. Rajat Subhra Goswami

· Dr. Achyuth Sarkar

· Dr. Biri Arun

· Mr. Sunit Kumar Nandi

Schedule

Day	Time 9.30 AM - 11.00 AM	Time 11.30 AM– 1.00 PM	Time 2.00 PM – 3.30 PM
27/07/2021	*Inauguration &* Lecture-1	Lecture-2	Lecture-3
28/07/2021	Lecture-4	Lecture-5	Lecture-6
29/07/2021	Lecture-7	Lecture-8	Lecture-9
30/07/2021	Lecture-10	Lecture-11	Lecture-12
31/07/2021	Lecture-13	Lecture-14	Valedictory/ Feedback

Address for Correspondence

Dr. Deepak Gupta
Department of Computer Science and Engineering
Mobile : +91-9485230593, 9999778726(w)
Email id: datasciencenitap@gmail.com

FDP ON MATHEMATICS FOR MACHINE LEARNING

(MFML-2021)

(27th July to 31th July 2021)

Organized by

Department of Computer Science & Engineering,

National Institute of Technology Arunachal Pradesh, India

About the Institute

The National Institute of Technology, Arunachal Pradesh was established in the year 2010 by MHRD, Govt. of India and was inaugurated on 18th of August, 2010 as a member of a group of ten new NITs. These new NITs were established as centers of excellence in technical education to combat the growing need of technological professionals in India as well as in the world. It is one of the 31 National Institutes of Technology in India and is recognized as an Institute of National Importance. Presently the Institute is running in project phase with yearly intake of 190 undergraduate students in five major Engineering departments such as Civil Engineering, Computer Science and Engineering, Electrical Engineering, Electronics and Communication Engineering and Mechanical Engineering. Each department is equipped with well established state of the art laboratories to crater holistic development of the students. Despite of few geographical constraints, the Institute has thrived through rigorous challenges and has evolved to see the new heights with present capacity of 760 students pursuing various bachelor, master as well as doctorate degrees from the departments. The faculty and student of the Institute are also engaged in various R&D projects sponsored by various Government agencies and the current value of such running project is around 5 Crore for 25 projects. The Institute participated in the NIRF 2020 and ranked 200 in the Engineer-

ABOUT ARUNACHAL PRADESH

If someone is seeking to step into a world of extraordinary beauty and discover experiences found nowhere else on earth, *Arunachal Pradesh* is the right place to step in. The state is inhabited by 26 major tribes and over 100 sub-tribes. Over 500 varieties of orchids are found here. Arunachal Pradesh is also known as the "*Land of the Rising Sun*". *Land of the Dawn-Lit Mountains* is the sobriquet for the state & also known as the *Orchid State of India* or the *Paradise of the Botanists*. Geographically, it is the largest of the North-eastern states known as the Seven Sister States.

Objective of FDP

- Training of the faculty and researcher with recent developments in Machine Learning.
- Train the participants with the Mathematical analysis behind Machine Learning.
- Understanding of various state-of-art techniques in Machine Learning.
- Hands-on training of Machine Learning models.
- Introduce real life applications of the pattern recognition and image analysis.

Resource Persons

- Lectures will be delivered by eminent academicians from reputed institutions like IITs/ NITs/ CUs. A few experts may be invited from Industries and R&D laboratories.

Registration Process (No Fees)

Kindly register for the program through AICTE ATAL Portal. The link for the same is given below:

https://atalacademy.aicte-india.org/login

Steps to join FDP

1. Visit https://atalacademy.aicte-india.org/signup

2. Sign up as a participant and complete the process of registration.

3. List of all FDPs will be visible under the workshop tab in your login

4. Using the keys Ctrl F and search keyword **Mathematics For Machine Learning** to get the course details.

5. The FDP can also be searched by filtering the **State** option as **Arunachal Pradesh** and the **month** option as **July**.

6. Click on "+" icon to join the course.

Participants

The program is open to members of faculty of various engineering disciplines, PG and Ph.D. research scholars, startup entrepreneurs, employees, professionals, managers and leaders involved in designing products or services, scientists and professionals from R&D organizations, industries, govt. bodies.