

Registration

1. The link for Registration in FDP is: <https://atalacademy.aicte-India.org/> or [ATAL \(aicte-india.org\)](https://atalacademy.aicte-India.org/)
2. Register as a participant — Fill your Details.
3. Select workshop:
Select State — Uttarakhand,
4. Select Month — August
5. Select Thrust Area— Engineering
6. Select mode — online
7. Click on Institute--Uttarakhand Open University, Haldwani
8. Register with the FDP no 1614833960

Note-

(Mandatory Condition for Certificate)

- ✓ Limited to maximum 200 seats, first come first serve (FCFS) basis.
- ✓ No fee for Registration for FDP.
- ✓ E-Certificate shall be awarded by AICTE for FDP is subject to 80% attendance in the 5-day long FDP program and minimum of 60% marks in FDP quiz at the end of the final session. After successful completion, the certificate shall be available to be download from ATAL portal via participant login at ATAL academy portal.

ELIGIBILITY

Faculty members and research scholars of AICTE recognized institutes/universities and industry personnel can attend this FDP.

Note: The FDP has been scheduled to be carried out online on zoom platform (after due registration).

IMPORTANT DATES

LAST DATE FOR REGISTRATION

8 August, 2021

INTIMATION OF SELECTION

13 August, 2021

Chief Patron

Prof. O. P. S. Negi,
Hon'ble Vice Chancellor,
Uttarakhand Open University, Haldwani,
Uttarakhand

Chair Person

Prof. Durgesh Pant
Director- School of Computer Science & IT,
ICT

Organizing Committee Members

Dr. Jeetendra Pande, UOU, Haldwani
Dr. Ashutosh K. Bhatt, UOU, Haldwani
Dr. Gopal Dutt, UOU, Haldwani
Mr. Balam Dafouti, UOU, Haldwani
Mr. Rajesh Arya, UOU, Haldwani
Mr. Rajendra Goswami, UOU, Haldwani
Mr. Vineet Pauriyal, UOU, Haldwani
Dr. Rajeev Kumar, TMU, Moradabad
Mr. Navneet Mehra, UOU, Haldwani
Mr. Anand Patwal, IMT Kashipur
Mr. Mohit Rawat, UOU, Haldwani
Mr. Jitendra Dwivedi, UOU, Haldwani
Mr. Rakesh Papnay, UOU, Haldwani

Contact Person

Dr. Ashutosh Kumar Bhatt
Associate Professor
School of Computer Science & IT, UOU,
Haldwani
Mail Id: abhata@uou.ac.in
M. 94123 27953

**AICTE TRAINING AND LEARNING
(ATAL) ACADEMY SPONSORED ONE
WEEK FACULTY DEVELOPMENT
PROGRAMME**

on

Advances of Artificial Intelligence and Machine Learning in Societal Development

(16/08/2021 - 20/08/2021)

Organized by



School of Computer Science
& Information Technology
Uttarakhand Open University, Haldwani
Platform: ZOOM



www.uou.ac.in

ABOUT THE UNIVERSITY

In this era of knowledge economy, higher education is the most critical element for attaining the desired level of national growth. To attain global competitiveness, India needs to double the Gross Enrolment Ratio (GER) in higher education, for achieving which Open and Distance Learning System (ODL) has a significant and unique role to play. Accordingly, Uttarakhand Open University (UOU) has been established with the aim of disseminating knowledge and skills through Open and Distance Learning in Uttarakhand. In its decade long existence, UOU has managed to increase its student base exponentially and greatly expanded the range of formal and vocational courses on offer.

COURSE HIGHLIGHTS

This FDP will provide a platform to all participants to have online live demonstration and hands-on session.

Objective of the FDP:

The advances and developments in technologies are very important for any society. Artificial Intelligence and Machine Learning are the need of time. It's the time of convergence of technologies. AI, Internet of Things, Cloud technology, Data Science, Machine Learning are converging and creating a new fusion. This particular FDP aims at capacity building and knowledge sharing among the teaching fraternity.

KEY TOPICS TO BE ADDRESSED

The topics to be covered in the program:

- Spectrum of social Significance of AI & ML
- Machine Learning - An innovative and Holistic approach for social well being
- Opportunities in Application of Artificial Intelligence and Machine Learning: Indian Perspective
- Securing Machine Learning Applications by Block Chain
- Machine learning techniques and frameworks
- Artificial Neural Network and demonstration of it's practical implementation Identification and Implementing Machine Learning using Python
- Identification of Educational Resources related to Machine Learning Using Open Educational Resources
- Machine learning: Algorithms, principles and applications
- Advances in Industry 4.0 through Machine Learning
- Artificial Neural Network and demonstration of it's practical implementation
- Identification of Educational Resources related to Machine Learning Using Open Educational Resources
- ANN in machine Learning
- Neural network analysis for pattern recognition
- Implementing Regularization techniques for Machine Learning.

RESOURCE PERSONS

1. Dr. Durgesh Pant, Director, School of Computer Science and IT, Uttarakhand Open University.
2. Dr. Abhay Saxena, Dean (School of Technology, Management & Communication) Dev Sanskriti Vishwavidyalaya Haridwar.
3. Dr. Sandeep Kumar, Department of Computer Science and Engineering, IIT Roorkee.
4. Dr. Jeetendra Pande, Associate Professor, School of Computer Science and IT, Uttarakhand Open University.
5. Dr Mayank Agarwal, Head, Dept of Computer Sc. & Engg, Gurukul Kangri University Haridwar.
6. Dr. Vinay Rishiwal, Prof., Dept of Computer Sc. & Engg, MJP Ruhalkhand University, Barilly.
7. Dr. Rajeev Kumar, Dept of Computer Sc. & Engg, Associate Professor, Teerthankar Mahaveer University, Mooradabad
8. Dr. Ashutosh Kumar Bhatt, Associate Professor, School of Computer Science and IT, Uttarakhand Open University.
9. Prof. R. K. Srivastav, Dept of Computer Sc. & Engg, Dr. Shakuntala Misra, National Rehabilitation University, Lucknow.
10. Dr. Darshna Pathak, Symbiosis University Pune.
11. Prof. Shishir Kumar, School of IS & IT, BBA Central University, Lucknow
12. Dr. Sandeep Kumar, CEO, Right Zone Technologies, Pvt. Ltd.
13. Dr. Mrinali Shah, Consultant & Trainer (Ex Professor IMT Ghaziabad, NNIMS Mumbai).
14. Prof. P S Grover, Former Head, Dept of Computer Science, University of Delhi.