

**GUJCOST & IE (INDIA) SPONSORED ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAMME ON  
"MACHINE LEARNING TO DEEP LEARNING: TRENDS AND CHALLENGES"  
DECEMBER 13 - 18, 2021**

**DEPARTMENT OF COMPUTER ENGINEERING  
MADHUBEN & BHANUBHAI PATEL INSTITUTE OF TECHNOLOGY  
(A CONSTITUENT COLLEGE OF CVM UNIVERSITY)  
NEW VALLABH VIDYANAGAR, ANAND, GUJARAT**

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**PROGRAMME OBJECTIVE**

The objective of this FDP is to explain to the attendees about the use of Deep Learning technology and make them aware of the development of various applications using it. This FDP will provide a unique platform for enhancing the knowledge of the faculty members in the mentioned area, and it will help to share and exchange ideas, identify and discuss options of relevant fields.

**RESOURCE PERSON**

**Dr. Tapan Jain**  
(HOD ECE, IIIT Nagpur)

**Dr. Suraj Sharma**  
(Assistant Professor, IIIT Bhubaneswar)

**Dr. Saroj Kumar**  
(Assistant Professor, Jain University, Bangalore)

**Dr. Pooja Jain**  
(Assistant Professor, IIIT Nagpur)

**Dr. Narendrasinh Chauhan**  
(Professor, ADIT, New V V Nagar)

**Dr. Mitul Kumar Ahirwal**  
(Assistant Professor, MANIT, Bhopal)

**Dr. Debi Prasad Dogra**  
(Assistant Professor, IIIT Bhubaneswar)

**Dr. S. Balakrishnan**  
(Professor and Head, SKCET, Coimbatore)

**Mr. Arshdeep Bahga**  
(CEO, DeepLearn Solutions, Chandigarh)

**COURSE CONTENT**

- Importance of Machine Learning
- Unsupervised Learning
- Artificial Neural Networks
- Convolutional Neural Networks
- Deep Learning for Natural Language Processing
- Generative Adversarial Networks
- Applications of AI and ML for Visual Surveillance
- Hands-on session on Deep Learning: Recurrent Neural Network
- Hands-on session on Deep Learning: Fine Tuning and Linear Regression

**Last Date of Registration: 7<sup>th</sup> December, 2021**

**REGISTER  
NOW**

<https://bit.ly/FDPonMLtoDL>



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**No Registration Fees.**

