

# ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)

on

## NEXT GENERATION SYSTEMS – MACHINE LEARNING & DEEP LEARNING APPLICATIONS (26<sup>th</sup> July 2021 to 30<sup>th</sup> July 2021)

Organized by

Department of Information Technology,  
Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar  
in Association with

Center for Continuing Education,  
Department of Computer Science and Engineering,  
National Institute of Technology, Warangal



### About the NIT Warangal:

National Institute of Technology, Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institute imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering, M.Tech. and Ph.D programs in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.

### Centre for Continuing Education Programme of NIT Warangal:

This Centre of NIT Warangal organizes Continuing Education Programmes and Workshops in the frontier areas of Science, Engineering, Technology, Management, Humanities, Social Science and Socially relevant themes on self-financing basis in three different modes: (i) At NIT Warangal by NIT Warangal (ii) At NIT Warangal in collaboration with other organizations (iii) By NIT Warangal Faculty at the Host Organization/Institute.

### About the Dr. Vithalrao Vikhe Patil College of Engineering Ahmednagar:

The Institute was established in the year 1983 in the proximity of Ahmednagar Industrial area offering undergraduate & postgraduate courses. Over the years it has grown into a premier institution with an excellent teaching-learning environment to achieve excellence in imparting quality technical education. UG courses are accredited by the NBA, New Delhi, and college is accredited by NAAC, Bangalore. The institution is affiliated to Savitribai Phule Pune University, recognized by the Government of Maharashtra & approved by AICTE, Delhi.

### About the Course:

This FDP designed with the state-of-the-art concepts of Machine Learning, and Deep learning technology that comprises of theory as

well as hands-on sessions. The objective was to address modern trends in the field of Artificial Intelligence with real time problem solving. This FDP focused on hands-on implementation of various algorithms to deliver practical skill to participants.

### Major Course Contents:

- Machine Learning Techniques
- Classification: Logistic Regression
- Decision Trees, Random Forests
- Deep learning: CNN, RNN
- Applications of ML and DL
- Research issues challenges

### How to Apply:

Interested candidates can apply online by clicking below link

<https://forms.gle/WYDnHJVRe3cRmjBRA>

Last date of application: 25<sup>th</sup> July 2021

### Who should attend?

The Programme is open to faculty, students and research scholars of all Engineering, Polytechnic, MCA, MSC/BSC/BCA Computer Science colleges & other disciplines in India.

### Registration:

**For Students/Research Scholars: Rs.500/-**

**For Faculty: Rs.500/-**

**For Industry Participants: Rs.1000/-**

**Account Name:** Center for Continuing Education NITW

**Bank Name:** SBI **Branch:** NIT WARANGAL

**Account No:** 62403680215

**IFSC Code:** SBIN0020149

For any queries, contact FDP Coordinator

### Dr. D. A. Vidhate

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