



ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

Next Generation Systems - Machine learning & Deep Learning Applications

(30 - 12 - 2020 To 03 - 01 - 2021)

Organized by

**Center for Continuing Education & Department of Computer Science and Eeg.,
NIT 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 CSE Department:

The Department of Computer Science and Engineering (CSE) offers B.Tech course in CSE, M.Tech courses in CSE, Information Security (IS) and Master of Computer Applications (MCA). The Department has experienced faculty with good publications and well-established laboratories. The Department has liaison with reputed industries and R&D organizations like Microsoft, IBM, Oracle, Accenture, Infosys, TCS, EMC2, C-DAC, Motorola, NIC, Sun Micro Systems, SPSS and tie up with IISc in certain areas. Department conducts various sponsored programmes like GIAN, International and national conferences throughout the year.

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:

- Data Visualization
- Machine Learning Techniques
- Classification: Logistic Regression
- Decision Trees, Random Forests
- Deep learning : CNN, RNN
- Reinforcement Learning
- Research issues challenges

How to Apply: Interested candidates can apply online by clicking below link

https://docs.google.com/forms/d/e/1FAIpQLSdPveiGRNgldB1Iefa4R9cUcGdKYIwq9WDIYENF_Vg2FzPDsQ/viewform?usp=sf_link

Last date of application: 29 December 2020.

Who should attend?

The Programme is open to faculty and students/research scholars of all Engineering, Colleges and other allied disciplines in India.

Registration:

For Students/Research Scholars: Rs.300

For Faculty: Rs.500

For Industry Participants: Rs.1000

Account Name	Center for Continuing Education NITW
BANK NAME :	SBI
ACCOUNT NO :	62403680215
IFSC CODE :	SBIN0020149
BRANCH :	NIT WARANGAL

For any queries regarding this Programme, Please contact the coordinator

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