



Online Short-Term Course on Recent Advancement in Deep Learning

Organized by

Department of CSE NIT Warangal & Department of C.E, PIET-DS

In association with the

Center for Continuing Education, National Institute of Technology Warangal

31st March 2023-9th April 2023



About NIT Warangal

National Institute of Technology Warangal, formerly known as Regional Engineering College was established in 1959. Over the years it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in India. There are 13 Departments offering eight undergraduate and 32 post-graduate programmes besides doctoral programmes. About 5000 students across the country and about 500 international students study in the campus. It is a fully residential campus sprawling over 250 acres with excellent infrastructure, state of the art library, seminar halls guest house and laboratory.



About Center for Continuing Education

The Center for Continuing Education NIT Warangal organizes FDPs/Training programmes/Seminars/Workshops etc., 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 (ii) At NIT Warangal in collaboration with other organizations/Engineering Colleges / Institutes iii) By NIT Warangal Faculty at the Host Organization/Institute.

About Department of Computer Science & Engg NITW

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 Parul Institute of Engineering & Technology- Diploma Studies

Parul Institute of Engineering & Technology (Diploma Studies) started its academic activities in 2003. The Institute offers Diploma Engineering courses in Architecture, Agricultural Engineering, Aeronautical Engineering, Automobile Engineering, Bio-Medical Engineering, Civil, Chemical, Computer, Electrical, Electronics & Communication and Mechanical Engineering. All India Council of Technical Education (AICTE), and Confederation of Indian Industries (CII) based on a national survey. The college has maintained its excellence and received the Platinum Category award in the same survey conducted by the government of India, AICTE, and CII in 2016, 2017, and 2018.

About Computer Engineering Dept.

Department of Computer Engineering was established in 2003. It offers a diploma program in computer engineering, which focuses on providing students with a strong foundation in computer

science and Engineering concepts, as well as practical skills in programming. With the significance of technology in today's world, Parul University's Computer Engineering program is designed in such a manner which provides students with the most comprehensive understanding to the fundamental elements of computing. The department also places a strong emphasis on entrepreneurship and innovation, encouraging students to come up with new and innovative ideas and providing them with support and resources to turn their ideas into reality.

Programme aims in understanding the following

- Basics of AI, ML and Deep Learning.
- Working with data Preprocessing and Data Visualization using Python.
- Supervised learning like Regression, Unsupervised Machine learning algorithms like SVM, KNN etc.
- Deep learning techniques like Single and Multi-layer Perceptron, LSTM.
- Introduction to AI, machine learning tools and techniques, Simple and multiple linear Regression.
- Neural Networks and Multilayer Perceptron, Back Propagation CNN applications.
- Heuristic and Metaheuristic techniques in AI.
- Advanced Applications in Machine and Deep learning.

Experts from **IITs/NITs/IIITs Central University/Software Industry.**

How to Apply

Interested candidates can apply online by clicking below link

<https://forms.gle/uuy8RYhLN3t4j8wH9>

Participants details need to be filled and payment details uploaded by using above link in Google Forms on or before **30th March 2023.**

Registration Deadline:30th March 2023.

Who should Attend?

The Programme is open to all Faculty/Research Scholars/ Industry Professionals/MCA/MBA/Degree/Polytechnic and other eligible students can register the course.

Registration Fee:

Faculty/Students: 500(Five Hundred only).

Industry Professionals:1000(Thousand only).

Foreigners: 50 USD.

Bank Account Details

Account Name:	CCE NITW
BANK NAME :	SBI
ACCOUNT NO :	62403680215
IFSC CODE :	SBIN0020149
BRANCH :	NIT WARANGAL

Confirmation mails will be sent two days before the Programme.

Once Paid/Registered your are Confirmed.

The interested individuals may register on the **FCFS** basis the seats are limited to **300** only.

E-Certificate: Participants will get **e-certificate** upon completion of the STC course.

Address for Correspondence

Any Further queries, please contact the Coordinator.

Ms.Hetal Bhaidasna

Assistant Professor & H.O.D.
Computer Engineering Department,
Parul Institute of Engineering &
Technology -Diploma Studies .
Mobile: 9033822802.
Email:

hetal.bhaidasna@paruluniversity.ac.in

Dr. Raju Bhukya

Associate Professor,
Incharge CCE &
Coordinator, Department
of CSE, NIT Warangal,
Mobile: 9700553922,
8332969733.
Email :

raju@nitw.ac.in