



# Online Short-Term Course on Machine Learning and Applications

Organized by

Department of CSE NIT Warangal & Department of CSE, KGR CET

In association with the

Center for Continuing Education, National Institute of Technology Warangal

29<sup>th</sup> May 2023-2<sup>nd</sup> June 2023



KG REDDY

College of Engineering  
& Technology

AN AUTONOMOUS INSTITUTION

## 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 KG Reddy College of Engineering & Technology

KG Reddy College of Engineering & Technology is a new age engineering college imbuing futuristic vision. Known for its commitment to offer world-class engineering education with quality teaching and best of infrastructure, it has won accolades for its diligent effort in bringing state-of-the-art norms and international Association for its students. The skills they required are honed at KG Reddy College. The college encourages the students to learn beyond just engineering. Presently there are 1300 students studying at UG and PG Level courses. Also more than 200 students are taking training in skill development (PMKVY-I, II). KG Reddy College of Engineering & Technology has received NAAC A+ Accreditation and also going for NBA Accreditation and expected to receive.

## About Computer Science Engineering Dept.

Computer Science and Engineering is one of the fastest-growing

career fields in modern history. Dating back only a few decades, it has become the most leading industry in the world today. The Department of Computer Science and Engineering was established in the year 2008 with an intake of 60 in B.Tech. Computer Science and Engineering (CSE). Consequently, the intake is increased to 120 in the 2010. Currently, there are 06 members of faculty with a Ph.D. qualification in the department of the best engineering college for computer science.

## 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/UPTdSEANdj917W267>

Participants details need to be filled and payment details uploaded by using above link in Google Forms on or before **28<sup>th</sup> May 2023.**

**Registration Deadline: 28<sup>th</sup> May 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 you 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.**

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