Online Short-Term Course on
Data Science and Machine Learning Applications
Organized by
Department of CSE NIT Warangal & Department of Data Science SNIST
In association with the
Center for Continuing Education, National Institute of Technology Warangal
26th January 2023 – 30th January 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 programmers besides doctoral programmers. 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 Sreenidhi Institute of Science and Technology, (Autonomous) Hyderabad (TS).

Sreenidhi Institute of Science and Technology (SNIST), Hyderabad, Telangana 501301 is a non-profit organization founded by a group of Industrialists, Academicians, Professionals and non-resident Indians with an idea of imparting purposeful education to youth. SNIST which is being sponsored by Sree Educational Group was established in the year 1997 by Dr. K T Mahhe, an extraordinary educationist, a pragmatic leader and a dynamic entrepreneur with rich experience in academics and industry. The Institute offers 11 UG (B.Tech) and 9 PG (M.Tech and MBA) programs. SNIST is striving hard to empower the students in their technical knowledge and imbibe adequate skills through the teaching by eminent faculty. The present annual intake of the institute is 1836. The institution has been accredited by NAAC with A+ grade and NBA, New Delhi. This year SNIST is celebrating its 25th year (Silver Jubilee). Sreenidhi Educational Group is involved in Engineering and Management Education, Publishing,

and Marketing activities.

About Department of Data Science, SNIST

Department of Data Science is established in 2021 with a view of providing quality education in professional core and multi-disciplinary areas. The UG intake is 60 seats. Department of DS is strong in research activity especially in the areas like Data Analytics/AI/ML/Deep learning etc. The Department has 1 Ph.D. holders and 2 faculty pursuing Ph.D. The Department periodically organizes sponsored FDP/STTP.

Major Course Contents

- Introduction to Data Science and machine learning
- Python Environment, Setup and Essentials
- Exploratory Data Analysis
- Data Pre-Processing
- Mathematical and Scientific Computing with Python
- Neural Networks, Probability and Statistics for Data Science
- Random Variables and Distributions
- Supervised, Unsupervised and Semi-supervised learning
- Regression techniques and implementation using R
- Data Visualization Techniques using R
- Nearest Neighbor Based Classifiers
- Case studies on Data Science and Machine Learning

The Sessions will be handled by the experts from IITs/NITs/IIITs Central University/Software Industry.

How to Apply

Interested candidates can apply online by clicking below link

https://forms.gle/iEMxSRjdPiQ25Lpu5

Participants details need to be filled and payment details uploaded by using above link in Google Forms on or before 27th December 2022.

Registration Deadline: 25thJanuary 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: **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 **200** 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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