

APPLICATIONS OF MACHINE LEARNING & DEEP LEARNING IN DATA SCIENCE

28th February 2022 - 4th March 2022

About Sri Venkateswara College

Sri Venkateswara College is a constituent Co-ed college of the University of Delhi established on 20 August, 1961 in New Delhi, India. It is managed by Tirumala Tirupati Devasthanams & UGC and awards degrees under the purview of the University of Delhi. The college offers courses both at the undergraduate level and the postgraduate level. It was ranked by NIRF at 11th rank in the college category in 2021. SVC offers more than 20 undergraduate degrees in Humanities, Commerce, and Science along with 9 post-graduate courses. Our college, which has over 4600 students and 211 dedicated teaching staff, attracts students from all over the country, making the environment more conducive to overall development.



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 Department of Mathematics, SVC

The Department of Mathematics at Sri Venkateswara College was established in the year 1961, but was offered as a subject in B.A. Programme only. In 1977 the department introduced the B.A. /B.Sc. (Hons.) Mathematics Programme which is now offered only as B.Sc. (Hons.). The department now boasts of a rich and distinguished faculty of 17 members. The well-structured three-year Honours programme empowers the student with skills and knowledge, leading to enhanced career opportunities in industry, commerce, education, finance and research.

About Center for Continuing Education, NITW

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.

Course Objectives

- Upon the completion of the training programme the participants/trainee can understand/ gain knowledge in solving the real world problems in AI Machine Learning and Deep Learning applications.
- Latest tools and techniques in AI Machine Learning.
- Research oriented problem solving in AI Machine Learning and Deep Learning.

Class timings: 4:30 pm - 7:30 pm

Programme aims to understand the following:

- Basics of AI, ML & DL, supervised and unsupervised Algorithms like SVM, KNN etc.
- Working with data preprocessing and data visualisations using Python.
- Deep Learning techniques like single and multi layer perception, LSTM, RNN, ANN.
- Introduction to AI, machine learning tools and techniques, simple and multiple linear regression.
- Neural networks and multilayer perception, back propagation, CNN applications.
- Advanced research applications in Machine and Deep Learning.

The Sessions will be handled by the experts From IITs/NITs/Central University and Professors.

E-Certificates will be provided on completion of the course*

**Registration
Deadline
25th February,
2022**

LIMITED SEATS ONLY!

Participants details need to be filled and payment details uploaded on the given Google Form on or before 25th February, 2022

Who should Attend?

The programme is open to all Undergraduates, Postgraduates, Research Scholars & Industry Professionals.

How to Apply?

Interested candidates can apply online filling the Google Form:

<https://forms.gle/RBZaMLwuWDYZ1j87>

Registration Fee:

Students/Research Scholar: ₹ 500

Industry Professionals: ₹ 1000.

Day wise recordings will be provided

*attendance and assessments are mandatory to get an e-certificate

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 participation is complete.

Coordinators

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Any Further queries, please contact the Coordinator

Organising Committee

Prof.C Sheela Reddy
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