

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 under graduate and 32 post graduate programs beside doctoral programs. 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 programs/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 MLRITM :

Marri Laxman Reddy Institute of Technology and Management (MLRITM_Autonomous), Hyderabad was established in 2009, by a devoted group of intellectuals, eminent professionals and industrialists, having a long and outstanding experience in educational field with a mission of spreading quality Education among students. This college is accredited by NAAC with 'A' Grade. All the 4 programmes of the college i.e., CSE, ECE, MECH, CIVIL were accredited by NBA, UGC Autonomous. MLRITM got permanent affiliation from JNTUH and SIRO for receiving central excise import duty concessions towards the purchase of laboratory equipment from foreign countries

About Department :

The Department of Computer Science and Engineering (Data Science) was established in the year 2020. The department has a very strong faculty with 2 Professors, 2 Associates Professors and 5 Assistant Professors. The department of CSE (DS) offers an Undergraduate Program in CSE-DS with an intake of 180 students. The department is actively engaged in Research in the areas of Data Mining, Data analytics, AI, ML etc. The department has highly qualified, dedicated and efficient teaching faculties and committed administrative staff in all disciplines.

Five Day National Level Online Short Term Course

on

DATA SCIENCE & MACHINE LEARNING

(06 - 10 Dec 2021)



In Association with

Center for Continuing Education

National Institute of Technology
Warangal

Organized by

Department of Computer Science & Engineering
(Data Science)

Marri Laxman Reddy Institute of Technology &
Management

Dundigal, Quthbullapur Mandal, Hyderabad -
500043, India

STC Overview :

This Short Term Course (STC) aims to update knowledge on the current trends and future aspects of Data Science and Machine Learning (DSML).

Course Objective :

- To upgrade the conceptual and Technical Skills of the Faculty and students in Data science, Machine Learning and Deep Learning.
- To explore the research opportunities in DS, ML & DL.
- Research oriented problem solving in DS & ML using software tools like Python.

Course contents :

- Recent trends of Data Science and Machine Learning.
- Python Basics for the implementation of Data Science, Machine Learning and Deep Learning algorithms
- Machine learning: Supervised learning and Unsupervised Learning algorithms.
- Deep Learning techniques like Single and Multilayer Perceptron, LSTM, Simple and Multiple linear regression, NN, CNN, RNN.
- Heuristic and Meta-Heuristic optimization techniques in ML and DL.
- Data Science and Regression algorithms and techniques.
- Research challenges and opportunities in DS, ML & DL.

Expected Outcomes :

At the end of STC, participants will be able to

- Understand Conceptual and Implementation knowledge in DS, ML & DL
- Faculty & Research scholars can identify research problems that help to implement real world applications using DS & ML.

Resource Persons :

The Sessions will be handled by the experts From IITs/NITs/Central University and Professor from U.S.

Registration :

The Program is open to all Students, Research Scholars, Faculty members Industry Professionals.

How to Apply :

Interested candidates can apply online by clicking below link

<https://forms.gle/3daE38A5hEd1K9vKA>

Participants details need to be filled and payment details should be uploaded by using the above link on or before 4th December, 2021.

Course Timings : 04:30 PM to 07:30 PM

- Confirmation mails will be sent two days before the Programme
- Daily Recording will be provided

Registration Deadline : 04 Dec 2021.

Registration Fee :

- Faculty, Research Scholars and Students: 500/- (Five Hundred Rupees only).
- Industry Professionals: 1000/- (Thousand Rupees only).

Bank Account Details :

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

The interested individuals may register on the first come first serve basis. Since, this is open for all Indian participants; the seats are limited only. Participants will get E-certificate upon completion of the course.

Address for correspondence :

Any further queries, please feel free to contact the Coordinators.

Coordinators:

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