



Online Short-Term Course on Applications of Machine Learning and Deep Learning in Image and Video Processing

Organized by

Department of CSE NIT Warangal & Department of ECE SNIST Hyderabad

In association with the

Center for Continuing Education, National Institute of Technology Warangal

26th December 2022-30th December 2022



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 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).

About Department of ECE, SNIST

The Department of ECE was started in 1997 with an intake of 60 students; intake was continuously enhanced and reached to 420 in 2014. Under ECE department, the PG Program in M.Tech

(DSCE) was started in the year 2004. ECE department is enriched with 27 Ph.D holders, 22 more faculty are pursuing Ph.D and 4 faculty are awaiting for viva voce examination. The department has been recognised as JNTUH Research centre in 2019. The department has received R&D project grants from UGC, DRDO, RCI, TS-COST, JNTUH etc of worth Rs. 53.62 Lakhs and got the grants from AICTE for FDP, MODROBS of Rs. 38.98 Lakhs in last 4 years. The department is currently carrying out the consultancy work for Nucleonix, Next-Gen-IT solutions, and Smart Bridge for a grant of 10.22 Lakhs. Industry sponsored Labs Texas Instruments, Xilinx University Program, ARM University Program, Centre of excellence in IoT and Communication. Dept has NPTEL local chapter, CISCO networking Academy, MICROCHIP Academy and IIRS Outreach Programme. Dept has Sree SAT, Electronix and START Clubs. MoU with IBM, SAP, Kushaiguda, Nacharam, Uppal, Mallapur Industrial association, speaker Systems, RTTC, BSNL and many more. 100% admissions, Average CGPA is 8 and Placement is 70%.

Major Course Contents

- Concepts of Image and Video Processing.
- Understanding the Machine Learning and Deep Learning Algorithms using Python.
- Hands on Designing of small project on their own.
- Employing Convolutional Neural Network for Object Recognition
- Application Areas and Challenges.

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/t6ZDSAPKRDksQtdq8>

Participants details need to be filled and payment details uploaded by using above link in Google Forms on or before 25th December 2022.

Registration Deadline: 25th December 2022.

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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