

ABOUT SNIST

Sreenidhi Institute of Science & Technology, (SNIST) was established in 1997 with the approval of All India Council for Technical Education, New Delhi, Government of undivided Andhra Pradesh and is affiliated to JNTUH, Hyderabad. It is running a number of under graduate and post graduate programmes and is also engaged in research activity leading to Ph.D. Sreenidhi is recognized by Department of Scientific and Industrial Research as Scientific and Industrial Research Organization (SIRO). The institution was accredited by NBA of AICTE within 5 years of its existence. It has received World Bank assistance under TEQIP Phase I and Phase II and attained autonomous status and it is the first college under JNTUH to get such an autonomous status. The faculty of SNIST is actively involved in R&D activities and the results of such research activity have been published. SNIST has several research projects funded by different sponsoring organizations.

Programmes and activities

- 8 UG and 8 PG courses in Engineering
- M.B.A.
- Ph.D. programs on part time basis
- R&D and Consultancy

Contact Details: In case of any query/clarification

Please contact us

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ABOUT THE DEPARTMENT

The department of Electronics and Communication Engineering (ECE) was established in the year 1997- 98. The Department offers B.Tech, M.Tech.(DSCE), Programs. The ECE Department B.Tech program has been accredited thrice by NBA. M.Tech (DSCE) program also accredited by NBA. JNTU has recognized the ECE Dept as Research Center for Ph.D Programs. All the laboratories in ECE Dept are well equipped with state of the art facility to impart quality education and support research activities. The Labs are also equipped with Vivado system design suite and Cadence (Front end and Backend tools), 7 Series FPGAs and Zed Development Boards are used for design and verification of VLSI Designs. Digital MATLAB, CCS, Keil vision, Vx works CDMA / GSM simulation, ANSYS etc. The Dept has highly qualified and broad mix of senior faculty members with wide experience in various fields of academics as well as Industry. R&D activities of the Department are focused in the fields of Advanced Communication, Digital design and Signal processing, Image Processing, VLSI design, Embedded Systems Wireless Communication and Sensor networks, etc. ECE department has got R&D projects from AICTE, UGC, RCI, DRDO and other research organizations of worth Rs 50 lakhs. ECE department also received grants of Rs 22 lakhs from AICTE for FDP and Modernization of labs.

ECE department is enriched with 20 doctorates and most of the faculty members have registered for Ph.D programs and engaged in pursuing research, publishing papers, conducting faculty development activities along with imparting Education to UG and PG Students.

Five Day National Workshop

On

“Machine Learning – Hands on using Python”

(24th - 28th Feb, 2020)

Convener

Dr. S. P. V. Subba Rao

Professor and Head, ECE Dept.

Coordinator

Dr. C. N. Sujatha

Professor, Department of ECE



Organized by

Department of ECE, SNIST

Sreenidhi Institute of Science & Technology

(An Autonomous Institution)

**Yamnampet, Ghatkesar,
Hyderabad-501 301**



OBJECTIVE

The objective of the workshop is to introduce Python for handling data and for Machine learning to solve real time problems. It covers the utility of datasets in machine learning. Machine learning will play a vital role in present-day research area so as to address the challenges faced by the society and mankind. It is an attempt to fetch experts and interested personnel from academia and industry along with researchers and students under a common roof to facilitate the exchange of ideas and knowledge about the machine learning techniques. The workshop will be an 'eye-opener' to build the computational skills required for machine learning.

TOPICS TO BE COVERED

Overview of Machine learning, Various Machine learning techniques: Supervised and Unsupervised Learning, Applications of Machine Learning in Speech and Image Processing (using IBM & AWS clouds), Basics of Linear Algebra required for Machine Learning (Hands-on with Python), Libraries for ML, Linear regression, Logistic regression, SVM, Hands-on practice (Real-time examples)

ACCOMODATION

A shared accommodation is available at the Hostel nearby Institute for outstation participants on a first come first serve basis with a nominal charge of Rs. 250 per day per person.

Important dates:

- **Registration begins: 01-02-2020**
- **Registration ends: 16-02-2020**
- **Confirmation of acceptance: 18-02-2020**

Venue: SNIST, Ghatkesar, Hyderabad – 501301

Registration Fee:

Faculty :Rs. 1500 Industry :Rs. 2000

Students :Rs. 500

Registration fee includes workshop kit, lunch and refreshments.DD to be drawn in Favor of “The principal, SNIST”.

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Principal, SNIST

Convener

Dr. S. P. V. Subba Rao
Professor and HoD, ECE

Coordinator

Dr. C. N. Sujatha
Professor, Department of ECE

Organizing committee

Mr. N. Srinivas Reddy, Mrs. T. Swapna, Mr. K. Jeevan Reddy, Mr. P. Anvesh, Ms. B. Priyanka, Ms. E.Lavanya, Mrs. K. Nikhila Reddy

Resource Persons:

- Dr. Atul Negi, Professor, University of Hyderabad
- Dr. Pawan Kumar, Professor, IIIT Hyderabad.
- Dr. Suryakanth V Gangashetty, Professor, IIIT, Hyderabad.
- Mr. P. Bala Prasad, Technology Head-Digital Initiatives, TCS Ltd.
- Mr. P. Madhu, Director & Strategist, Madblocks Technologies Pvt. Ltd., Hyderabad
- Dr. C. N. Sujatha, Professor, SNIST, Hyderabad.
- Dr. S. Krishna Anand, Professor, SNIST, Hyderabad
- Dr. M. Purnachandra Rao, Associate Professor, SNIST, Hyderabad
- Ms. Shafee Unnisa, Associate Professor, SNIST, Hyderabad
- Mr. Ch. Sathyanarayana, Assistant Professor, SNIST, Hyderabad

Five Day National Workshop

On

“Machine Learning – Hands on using
Python”
(24th - 28th Feb, 2020)
Registration Form

Name: _____

Designation: _____

Educational Qualification with area of specialization

Professional Experience:

Teaching :

R&D:

Industry:

Mailing Address:

Mobile: _____

Email: _____

Payment Particulars:

Draft No:

Amount:

Bank:

Branch:

Date:

Signature of the Applicant

SPONSORSHIP CERTIFICATE

Dr./Mr./Ms.....

.....is sponsored to attend the Five day National Workshopon “Machine Learning-Hands on using Python” to be held from 24th -28thFeb 2020, at SNIST, Ghatkesar.

Place :

Signature of the Head of the

Date :

Institution with Seal