



A Two Day Workshop on
“DATA SCIENCE & DEEP LEARNING”

22nd - 23rd July, 2019

Organized by

SCHOOL OF INFORMATION TECHNOLOGY
JNT University Hyderabad
(Under TEQIP – III)



Conveners

Dr. G. Narsimha

Professor of CSE & NSS Coordinator, JNTUH

Dr K.Suresh Babu

Associate Professor in CSE, SIT, JNTUH

Venue

UGC HRDC Auditorium ,JNTU Hyderabad

Chief Patron

Prof. A. Venugopal Reddy, *Vice-Chancellor, JNTU Hyderabad*

Patrons

Prof. A. Govardhan, *Rector, JNTU Hyderabad*

Prof. N. Yadaiah, *Registrar, JNTU Hyderabad*

Chairman

Prof. SVL Narasimham , *Director, SIT JNTUH*

Conveners

Dr. G. Narsimha, *Professor of CSE & NSS Coordinator, JNTUH*

Dr. K.Suresh Babu, *Associate Professor of CSE, SIT JNTUH*

Organising Committee

Prof.A.Damodaram

Prof. G. Vijaya Kumari

Prof. B. Padmaja Rani

Prof. M. Chandra Mohan

Prof. K.P. Supreethi

Prof.G.Venkata Rami Reddy

Dr. B. Rama Mohan

Sri.G.Narasimham

Sri.T.Srinivasulu Reddy

Ms.E.Hemalatha

Ms.I.Lakshmi Manikyamba

Sri.N.Naveen Kumar

Prof. V. Kamakshi Prasad

Prof. O. B. V. Ramanaiah

Prof. R. Sridevi

Prof. D. Vasumathi

Prof.K.Shantisree

Dr. J. Ujwala Rekha

Dr. M. Nagaratna

Dr. A. Kavitha

Mr.G.Praveen Babu

Ms.V.Uma Rani

Ms. K. Neeraja

Ms.M.Arathi

Registration Fee

There is no Registration Fee. For Registration follow the link:

<https://forms.gle/goYpv65FZggumEph6>

Last date for registration: 20th July, 2019. The participants should report to the workshop on 22nd July 2019 at 9.00 hrs. for registrations. Registration is on first come first serve basis. Selected participants will be informed by mail by **21th July, 2019**.

About JNTUH

Jawaharlal Nehru Technological University, Hyderabad was established on 2 October 1972 by the Legislature of the State of Andhra Pradesh as the first-ever Technological University in the country. It has been in the forefront during the last forty four years in providing quality technical education. JNT University was restructured into four different Universities namely JNT University Hyderabad, JNT University Anantapur, JNT University Kakinada and JNFAU by the Government of Andhra Pradesh vide Government Order No. 13, dated 18 August 2008 and the Act of State Legislature No. 30, dated September 2008. From then, this university was re-designated as Jawaharlal Nehru Technological University Hyderabad (JNTUH), Hyderabad. Situated in the heart of the city at Kukatpally, Hyderabad a major landmark- JNTUH has an environment of academic excellence with 'A' Grade accreditation by NAAC (National Assessment and Accreditation Council).

About School of IT, JNTUH

JNTU Hyderabad established a Computer Center in 1985 with the support from UGC to cater to the needs of computing of various departments. In 1989, to promote Post Graduate studies, a Department of Computer Science was started under IPGSR (Institute of Post Graduate Studies & Research). In early 2001 the impact of Information Technology was felt in every corner of the globe. This led to the formulation of an exclusive institute for Computer Science and Information Technology, the present School of Information Technology (SIT), with a vision to promote Knowledge and Technology transfer in Information and communication technology related areas promoting excellence in IT Pedagogy, Software Consultancy, and establishment of an R & D base in Computer Science and IT related education sectors are the aims of the school.

About TEQIP-III

Third phase of Technical Education Quality Improvement Programme (referred to as TEQIP III) is fully integrated with the Twelfth Five-year Plan objectives for Technical Education as a key component for improving the quality of Engineering Education in existing Institutions with a special consideration for Low Income States and Special Category States and support to strengthen few affiliated Technical Universities to improve their policy, academic and management practices.

Objective of the Workshop:

Objective is to provide basic knowledge in Deep Learning & Data Science. The programme will focus on practical aspects and include examples that are relevant to the current industry requirements. i.e., transforming data into knowledge, that can guide decisions. Well-known industry partners, resource persons from leading academia, experts from renowned R&D organizations, will address the programme.

The following topics will be covered with Hands-on:

- Regression Techniques For Information Retrieval
- Classification Techniques
- Artificial Neural Networks
- Gradient Descent, Stochastic Gradient Descent, Backpropagation
- Deep Neural Networks
- Convolutional Models
- Computer Vision Applications
- Layer Wise Training
- Generative Adversarial Network (GAN)
- Natural Language Processing
- Sequence Models
- RNN, LSTM, GRU Models
- Data Science
- Data Analytics And Visualization
- Data Mining And Machine Learning Algorithms

Eligibility Criteria: Students, Research Scholars And Faculty Members From Universities, Constituent Colleges, Affiliated Colleges And Various Technical Institutes. Industry Personnel working in the concerned/allied discipline can also attend.

Speakers: The speakers are drawn from IITs, NITs, JNTUH, IDRBT, etc.

Contact Us:

Dr. G. Narsimha, Cell: 9908853084, Email: narsimha06@gmail.com
Dr K.Suresh Babu, Cell: 9949886161, Email: kare_suresh@jntuh.ac.in