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Correspondent, SCETW

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Former HOD & Chairperson, OU

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Dr. N. Naga Shekar Reddy, HOD – EEE

Dr. Y. Padhma, HOD - MBA

Organizing Committee

M.Vidya Bhargavi, Asst. Prof.,

Dr. V. Mytherye, Assoc. Prof.,

Dr. G. Shirisha, Assoc. Prof.,

M. Madhavi (Librarian)

T. Sandeep, Asst. Prof.,

G. Sreelatha, Asst. Prof.,

B N S M Chandrika, Asst. Prof.,

N. Niharika, Asst. Prof.,



Important Dates

Last Date for registration

5th April, 2022

Selection List by E-mail

6th April, 2022

Duration of Program

8th April, 2022 to

17th April, 2022

ONLINE MODE

Convenors

Dr. K. L. Vasundhara

Head of Mathematics, SCETW, Hyderabad.

E-mail: drvasundhara@stanley.edu.in

Dr. B. Srinivasu

Head of Information and Technology

SCETW, Hyderabad.

E-mail: drsrinivasu@stanley.edu.in

Contact

9440220759, 9849941060



An Autonomous Institution

Faculty Development Program

on

DATA ANALYTICS

8th April to 17th April, 2022

Time: 1PM to 5PM

Organised By:

Stanley College of Engineering and Technology for Women

Hyderabad, Telangana.

In Association with

E & ICT Academy,

National Institute of Technology,

Warangal.



Preamble:

“Electronics & ICT Academy” was set up at NIT Warangal with financial assistance from MeitY, Govt. of India (GoI). The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa and Puducherry states and UT of Andaman & Nicobar Islands. This academy role is to offer faculty development programmes in standardized courses and emerging areas of Electronics, Information Communication Technologies, training & consultancy services for Industry, Curriculum development for Industry; CEP for working professionals, Advice and support for technical incubation and entrepreneurial activities.

About the FDP:

Data analytics is the science of analysing raw data that leads to meaningful conclusions. The Techniques and Processes of Data Analytics have been formulated into Algorithms and Processes that makeover Raw Data into human interpretable for successful decision making. A successful data analytics initiative will tell us of where we are, where we have been and where we should go.

FDP on Data Analytics covers many of the Data Analytics Techniques which will give understanding of the Data ecosystem and the fundamentals of data Analysis, such as Data mining, Data Interpretation, Data Application etc. It also covers different Data Analytics and Data Visualization tools which are currently used in the industry.

Major Course Contents:

- **Data Analytics life cycle**
- **Open-source software Tools for data analytics (Python/R)**
- **Analyse structured and unstructured data using different tools and techniques – Data Wrangling**
- **Descriptive Analytics -Diagnostic Analytics-Predictive Analytics-Prescriptive Analytics**
- **Data visualization**
- **Machine Learning in Data Analytics**
- **Regression Analysis**
- **Mathematics of Data Analytics**
- **Probabilistic inference for Data Analytics**
- **Advanced Analytics**
- **Case Studies and Research trends in Data Analytics**

Resource Persons for this program:

The program will be conducted in online mode by the resource person from NIT Warangal; Academicians in the concerned field from international/ IITs/ NITs/ IIITs are invited to deliver the lectures in the program.

Eligibility:

The program is open to the Faculty of Engineering Colleges and other allied disciplines in India. Industry personnel working in the concerned /allied discipline can also attend.

Registration Fee Particulars:

Faculty and Research Scholars	Rs. 750/-
Industry Participants	Rs. 2250/-

Payment: Participants need to pay the Registration Fee Online using the following details:

Online Transfer Details

Account Name : Electronics & ICT Academy NITW

Account No : 62423775910

IFSC : SBIN0020149

Registration Link:

https://docs.google.com/forms/d/e/1FAIpQLSe6Owourb1r1cN-ILYfMTzIJxAOIRskTOYTczf_4RYx0uSUFg/viewform?usp=sf_link

Selection Criteria:

Selection will be done based on first-cum-first-serve basis and the confirmed candidates will be notified immediately. The maximum number of participants will be 100 (hundred). Additionally, 10 participants from industry are allowed to participate. The list of selected participants will be intimated through e-mail. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

About NIT Warangal:

The National Institute of Technology (formerly Regional Engineering College), Warangal is an Institute of National Importance and fully funded by MHRD, Govt. of India. It offers various programmes B.Tech. In eight branches, PG and M.Tech. Programmes and also Ph.D. programmes. Further, the institute organizes FDPs, Workshops and Conferences on cutting-edge technologies regularly throughout the year. All B.Tech and M.Tech programmes of NIT Warangal are NBA accredited. The Department has liaison with reputed industries and R&D organizations like Microsoft, IBM, Oracle, Accenture, Infosys, TCS, EMC 2, C-DAC, Motorola, NIC, Sun Micro Systems, SPSS and tie up with IISc in certain areas. Department conducts various sponsored programmes throughout the year.

About Stanley College of Engineering and Technology for Women:

Stanley College of Engineering & Technology for Women a temple of learning was established in the year 2008 over a 6-acre campus of historic Stanley College at Abids and offers UG&PG Courses, Hyderabad. The college is affiliated to Osmania University, Hyderabad. All UG courses are accredited by NBA and accredited by NAAC with ‘A’ Grade. It has been approved by AICTE, New Delhi. The institution got autonomous status on February 2021, for a period of 10 years.

The Department of Mathematics currently has 6 faculty members who have vast research interest in different domains of their respective fields such as Fluid Mechanics, Fluid Dynamics, Mathematical Modeling, Neural Networks and Statistics.

The Department of Information Technology (IT) of Stanley is one of the best branch among all Osmania affiliated Engineering Colleges. It has become a practice of IT Department in grabbing top ranks in university results on every academic year.