FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
RECENT TRENDS IN DATA SCIENCE

(11-12-2017 to 16-12-2017)
Organized by
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS), HYDERABAD
in association with
National Institute of Technology, Warangal.
Under the Scheme of Electronics & ICT Academy
(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

Preamble:
"Electronics & ICT Academy" was set up at NIT Warangal with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and 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.

Emerging and evolving systems are integrating intelligent attributes to enable the thrust towards making technology adaptive and functional as an aid to improve existing designs. Intelligent system integrates different techniques of genetic algorithms, particle swarm optimization, and hybrid models to solve many real-world problems. Nowadays main challenge in data driven problem is getting optimal solutions in time, which can be overcome by application of bio-inspired algorithms. Bio-inspired algorithms are always research topics in artificial intelligence communities. This FDP provides theoretical and practical knowledge on the design and implementation of intelligent systems related to emerging areas of Electronic systems, communication, computer vision, Mechanical Systems, soft computing and related issues. This course offers an applied approach driven by innovation, to facilitate intelligent design and implementation.

Major Course Contents:
- Introduction to data science (Data Analytics Life Cycle, Overview of Tools used in life cycle).
- Exploratory Data Analysis
- Big Data Searching and Mining
- Map Reduce Programming
- Big Data Analytics
- Hands on Sessions on R Programming
- In-database Analytics and Advanced Analytic functions in SQL.
- Data Analytics in Health Care, Agriculture and Other Domains

Faculty conducting this programme:
The programme will be conducted by the faculty members from NIT Warangal; Academicians in the concerned field from IITs/NITs/IIITs are invited to deliver lectures in the programme. Speakers from industries are also expected to deliver as part of the course.

Eligibility:
The programme is open to the teachers of Engineering Colleges, MCA Colleges and other allied disciplines in Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry, Andaman and Nicobar Islands. Industry personnel working in the concerned /allied discipline can also attend.

Registration Fee Particulars:

Faculty and Research Scholars from Telangana, Andhra Pradesh, Karnataka, Puducherry, Andaman and Nicobar Islands, Goa	**Rs. 2500/-**
Faculty of SC/ST Category from Telangana, Andhra Pradesh, Karnataka, Puducherry, Andaman and Nicobar Islands, Goa	**Rs. 1250/- (SC/ ST participants should submit the copy of their caste certificate to claim the concession along with application form)**
Industry Participants	**Rs. 7500/-**
Participants from other states	**Rs. 8500/-**

SC/ST concession is only for faculty of mentioned states. Research Scholars are not eligible for SC/ST concession.

The participants need to send a crossed demand draft (DD) drawn in favor of "Director, NIT Warangal" and payable at SBH, NIT Warangal branch.

Organized at:
The programme will be coordinated and conducted by Department of Computer Science and Engineering, Vasavi College of Engineering (A), Hyderabad. The whole course is handled by academicians from premier institutions, Industry experts and Research advisors.

Accommodation:
All the selected participants will have to make their own arrangements for their accommodation. No TA will be paid for the participants.

How to apply:
A filled in form of application in the prescribed format duly signed and sponsored by appropriate authorities (along with demand draft) should reach the coordinator by speed-post. It is also mandatory to send scanned application form and demand draft through e-mail to hodcse@staff.vce.ac.in selection will be intimated only through mail.

Selection Criteria:
Selection will be done based on first-come-first-serve basis to a maximum number of 50 (fifty). Additionally 10 participants from industry are allowed to participate. The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the DD will be sent back. Candidates will be issued certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

Last date (Application & DD)	1st Dec 2017
Selection List by E- mail	4th Dec. 2017
Duration	11th December to 16th December 2017

About NIT Warangal:
National Institute of Technology, Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institute imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering, M.Tech. and Ph.D programs in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.

About Vasavi College of Engineering:
Founded in 1981 by Vasavi Academy of Education, Vasavi College of Engineering represents a rich tradition of excellence in technology-based education. A premier-league institution among the affiliates of Osmania University, Vasavi College of Engineering owes its vision to Sri Pendekanti Venkata Subbaiah, a veteran statesman of Independent India. Vasavi College of Engineering has been conferred with Autonomous Status by the University Grants Commission (UGC), New Delhi and Osmania University, Hyderabad for a period of six years with effect from the Academic Year 2014-15, for all the UG and PG Programmes. The College is implementing Choice Based Credit System (CBCS).Vasavi College of Engineering, in its 35 years of existence, is a reputed institution in the State of Telangana. The college in its pursuit for quality in technical education has earned 3rd ranking in the State and 32nd in the country (source: Hindustan Times on 24th June 2009). The college offers six UG (Civil, Mechanical, ECE, CSE, EEE and IT) with total sanctioned intake of 600 and 6 PG programmes [ME (ES&VLSI); ME (ADM); ME (CE&SP); ME(PSPE); M.Tech (CSE)] and MCA with total sanctioned intake of 156]. The College is most preferred by the CET qualified high ranking students. Located in the sylvan suburbs of Ibrahimbagh in Hyderabad.

APPLICATION FORM

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1. Name :
2. Designation :
3. Institution :
4. Email :
5. DD No: Bank: Date:

    Amount:

6.   Address for Correspondence:

7.   Educational Qualification:

8.   Subjects taught so far:

9. No. of refresher courses/workshops attended:

10. Experience (in years):

    Teaching: Research: Industry:

11. Accommodation required: YES / NO

12. Do you belong to SC/ST :   YES / NO

(If yes, please specify and attach a copy of caste certificate to claim the concession)

Declaration
The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Signature of the Applicant

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms. …………………………………... is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on **"Recent Trends in Data Science"**, sponsored by Electronics & ICT Academy during 11th – 16th December, 2017 at Vasavi College of Engineering, Hyderabad.

Signature of Head of Institution
(with seal)

Address for correspondence
Post your application form with DD to

Dr. T. Adilakshmi, Professor & HOD
Coordinator, FDP on Recent Trends in Data Sciences
Department of Computer Science and Engineering
Vasavi College of Engineering(Autonomous)
Ibrahimbag, Hyderabad-500031, Telangana State, India

E-mail the scanned copies of filled-in and duly signed application form along with DD to
hodcse@staff.vce.ac.in

For more details about Electronics & ICT Academy, NIT, Warangal, please visit:
https://nitw.ac.in/eict

For more enquiries please contact:
Mobile: +91-9849194447

Coordinators

Dr. T. Adilakshmi	**Prof D. V. L. N. Somayajulu**
Professor & HOD	**Chair, E&ICT Academy**
Dept. of C.S.E.,	**National Institute of Technology**
Vasavi College of Engineering (Autonomous)	**Warangal-506004**
Ibrahimbag, Hyderabad-500031	**Telangana State, India**
Telangana State, India.	