FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

RECENT RESEARCH TRENDS IN DATA SCIENCES

06-11-2017 to 11-11-2017
Organized by
Knowledge Engineering Research Group
Department of CSE, K L University, Guntur, Andhra Pradesh
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.

The Data Sciences research domain focuses on all aspects of datamanagement, processing, modeling and information retrieval. This FDP provides detailed information regarding pertinent aspects related to datasciences. This FDP also provides hands on experience related to data science technologies. This FDP stresses more on programming aspects related to datasciences using R language. Some of the major concepts that would be covered is as follows

Major Course Contents:

- Data Science, Basis of Matrices, Linear Algebra, Probability and statistics
- Map Reduce programming
- Hadoop and Spark
- R/Python programming
- No SQL database
- Statistical Analysis using R
- Data-visualization using R
- In Database Analytics

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 faculty 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 & Engineering of K L University, Guntur. The whole course is handled by academicians from premier institutions, Industry experts and Research advisors.

Accommodation:

All the selected participants will be provided boarding & lodging in the institute guest house by paying additional charges. 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 ravikumar@nitw.ac.in and ramanarasingarao@kluniversity.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)	2nd November, 2017
Selection List by E- mail	4th November, 2017
Duration	6th -11th November, 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. andPh.D programs in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.

About KLU:

The Koneru Lakshmaiah Charities was established as a trust in the year 1980 with its official address at Museum road, Governorpet, Vijayawada, Andhra Pradesh – 520 002 and started KL College of Engineering in the Academic year 1980-81. The trust was converted into a Society by the name Koneru Lakshmaiah Education Foundation in the year 1996. The KL College of Engineering has attained autonomous status in the year 2006 and in February 2009, the Koneru Lakshmaiah Education Foundation Society was recognized as Deemed to be University. In short **Koneru Lakshmaiah Education Foundation** is named as **K L University** and which has become renowned university today.

The K L University has number of branches in engineering like Bio-Tech, Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electronics and Computer Science Engineering, Electronics and Electrical Engineering, Mechanical Engineering, Petroleum Engineering.Also the university has different schools in different disciplines namely College of Science and Humanities, KLU School of Architecture, KLU College of Creative Arts and Media Studies, KLU College of Commerce, KLU College of Pharmacy, KLU College of Law, KLU College of Hotel Management, and KLU Academic Staff College.

APPLICATION FORM

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ON

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1. Name :

2. Designation :

3. Institution :

4. Email :

5. DDNo: Bank: Date:

   Amount:

6. Address forCorrespondence:

7. Educational Qualification:

8. Subjects taught sofar:

9. No. of refresher courses/workshopsattended:

10. Experience (inyears):

    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 Research Trends in Data Sciences"**, sponsored by Electronics & ICT Academy during 6th Nov – 11th Nov 2017 at KL University, Guntur–522017

Signature of Head of Institution
(with seal)

Address for correspondence
Post your application form with DD to

Dr. M. R. Narasingarao , Professor ,
Head, Knowledge Engineering Research Group
Coordinator, FDP on Recent Research Trends in Data Sciences
Department of Computer Science & Engineering
K L University, Greenfields, Vaddeswaram,
Guntur – 522017, Andhra Pradesh State, India

E-mail the scanned copies of filled-in and duly signed application form along with DD to
ramanarasingarao@kluniversity.in

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

For more enquiries please contact:
Mr. J. Sathishbabu
Assistant Professor
Department of CSE, KLUniversity
Mobile: +91-9985781568

Coordinators

Dr. M. R. Narasingarao	**Prof. D. V. L. N. Somayajulu**
Professor	**Professor, Dept. of CSE**
Dept. of CSE	**Chair, E & ICT Academy**
K L University	**National Institute of Technology**
Greenfields, Vaddeswaram, Guntur-522017	**Warangal-506004**
Andhra Pradesh, India.	**Telangana State, India**