Faculty Development Programme (FDP)
On
Big Data Computing
29th April - 4th May 2019
organized by
National Institute of Technology Andhra Pradesh
in association with
E & ICT Academy, National Institute of Technology Warangal
(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's 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:

As part of an initiative of E & ICT, a Faculty Development Programme (FDP) on "**Big Data Computing**" is being conducted at **NIT Andhra Pradesh** to the faculty members of Engineering, Research Scholars and other allied disciplines from India. This FDP is aimed at providing in-depth understanding of terminologies and the core concepts behind big data problems, applications, systems, techniques, and hands on training using state of the art tools, and will equip participants with the skills necessary to apply these tools and techniques to solve complex scientific and business problems.

Major Course Contents:

- Understanding Big data and Hadoop
- Hadoop architecture, HDFS, Map Reduce and joins
- Machine Learning for Big data
- Apache Spark, MLlib, Kafka and other tools
- Large scale graph analysis
- Communication cost modeling
- Security and Privacy
- Distributed Computing applications
- Community detection
- NoSQL
- Research issues and hands-on sessions

Faculty conducting this programme:

The programme will be conducted by the faculty members from NIT Andhra Pradesh; 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.

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. 1875/- (SC/ ST participants should submit the copy of their caste certificate to claim the concession along with application form)**
Industry Participants	Rs. 7500/-

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

The entire registration fee is to be collected in the form of DDs/online transfer using the following details:

DD Details	Online Transfer Details
Demand Draft in favor of "E & ICT Academy, NIT Warangal" payable at SBI, NIT Warangal	**Account Name: Electronics & ICT Academy NITW Account No: 62423775910 IFSC: SBIN0020149**

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.

Accommodation:

All the selected participants will be provided FREE boarding & lodging in the **NIT Andhra Pradesh** guest house. 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 himabinduk@nitandhra.ac.in as 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 satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

Last date (Application & DD)	26th April 2019
Selection List by E- mail	27th April 2019
Duration	29th April – 4th May 2019

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 NIT Andhra Pradesh:

National Institute of Technology, Andhra Pradesh is the 31st institution among the chain of NITs started by the Government of India. NIT Andhra Pradesh is established in the state of Andhra Pradesh recently in the academic year 2015 – 2016. The institute offers B.Tech. programs across various branches of engineering.

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1. Name :
2. Designation :
3. Institution :
4. Email :
5. Mobile No :
6. DD No:

   Bank:

   Date:
   Amount:

7. Address for Correspondence:

8. Educational Qualification:
9. Subjects taught so far:

10. No. of refresher courses/workshops attended:
11. Experience (in years):

    Teaching: Research: Industry:

12. Accommodation required: YES /NO
13. 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.

Place:
Date: 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 **"Big Data Computing"**, sponsored by Electronics & ICT Academy during 29th April – 4th May, 2019 at **NIT Andhra Pradesh**.

Signature of Head of Institution
(with seal)

Address for correspondence
Post your application form with DD to

Dr. K. Hima Bindu,
Assistant Professor,
Dept. of Computer Science and Engineering,
National Institute of Technology Andhra Pradesh,
Sri Vasavi Engineering College Campus, PedaTadepalli,
Tadepalligudem, West Godavari District,
Andhra Pradesh, India - 534102

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

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

For more enquiries please contact:
Mobile: 9494451255

Coordinators

Dr. K. Hima Bindu	Dr D. V. L. N. Somayajulu
Assistant Professor	(Prof in CSE, NIT Warangal)
Dept. of CSE	Prof in CSE and Director
NIT Andhra Pradesh	IIITDM, Kurnool