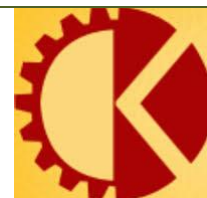




FACULTY DEVELOPMENT PROGRAMME (FDP) ON DATA SCIENCE AND BIG DATA ANALYTICS



(26th February – 3rd March, 2018)

**Organized by
DRK Institute of Science and Technology, Hyderabad
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, Govt. 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.

As part of this initiative, a Faculty Development Programme (FDP) on Data Science and Big Data Analytics is being conducted at DRK Institute of Science and Technology, Hyderabad to the Faculty members of Engineering, MCA and other allied degree colleges.

Major Course Contents:

- Map Reduce Computing
- Data Science and Models, Advanced Data Models
- Hadoop Internals, HDFS
- Application of Big Data and Predictive Analytics for large rotating machinery
- Big Data Analytics - The Upside of Disruption
- In-memory Analytics
- SPARK, NEO4J, Sqoop, Flume, Hive
- PIG, Oozie, POC
- Data Analytics Research Challenges
- Case Studies
- NoSQL (MongoDB)
- Classification and Clustering on Big Data

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 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 "Director, NIT Warangal" payable at any bank in Warangal | Account Name: Electronics & ICT Academy NITW Account No: 62423775910 IFSC: SBIN0020149 |

Accommodation:

Accommodation will be provided to the selective outside participants on prior request. No TA/DA will be paid for the participants. Working Lunch, Tea & Snacks would be provided during the Training in the campus.

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 fdpdrkist@gmail.com 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 certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

| | |
|------------------------------|---|
| Last date (Application & DD) | 19 th February, 2018 |
| Selection List by E- mail | 20 th February, 2018 |
| Duration | 26 th February – 3 rd March, 2018 |

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 DRK Institute of Science and Technology, Hyd:

The era of success of DRK Institute has started in 2004. Affiliation to Jawaharlal Nehru Technological University (JNTUH), Hyderabad was established with the permission of The All India Council for Technical Education (AICTE), New Delhi and Government of Telangana. Over these years DRK has added more feathers to its success story by including several courses of demand to its curriculum. The vision of the college is to impart quality technical education to mold students to be globally competitive technocrats, with an insight for exploration.



APPLICATION FORM

FACULTY DEVELOPMENT PROGRAMME (FDP) ON

DATA SCIENCE AND BIG DATA ANALYTICS

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

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms. is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on “**Data Science and Big Data Analytics**”, sponsored by Electronics & ICT Academy during 26th February – 3rd March, 2018 at DRK Institute of Science and Technology, Hyderabad

Amount:

7. Address for Correspondence:

Signature of Head of Institution
(with seal)

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

Address for correspondence

Post your application form with DD to
P. VIJAYKUMAR, Coordinator for FDP on “Data Science and Big Data Analytics” Associate Professor, Department of CSE, DRK Institute of Science and Technology, Bachupally, Hyderabad, – 500 043, India

10. No. of refresher courses/workshops attended:

11. Experience (in years):

Teaching: Research: Industry:

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

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)

fdpdrkist@gmail.com For more details about Electronics & ICT Academy, NIT, Warangal, please visit: **<https://nitw.ac.in/eict>**

*For more enquiries please contact:
Mobile: 9989633177*

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

Coordinators

Prof. D. V. L. N. Somayajulu
Chair
E & ICT Academy
NIT Warangal

Dr. P. Vijay Kumar
Dept. of CSE
DRK Institute of Science and Technology
Hyderabad