



FACULTY DEVELOPMENT PROGRAMME (FDP)

on

DATA SCIENCE AND BIG DATA ANALYTICS

(30th October – 4th November, 2017)

Organized by

Sagi Rama Krishnam Raju(SRKR)Engineering College (Autonomous), Bhimavaram, A.P.

in association with

Electronics & ICT Academy

National Institute of Technology, Warangal

(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)



Preamble:

“Electronics & ICT Academy” is established at NIT Warangal in August 2015 with financial assistance from Ministry of Electronics and Information Technology (MeitY), GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Andaman and Nicobar Islands, Goa, Puducherry and Karnataka states/UTs. The role of the academy is to offer faculty development programmes in standardized courses and emerging areas of Computer Science, 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 SRKR, Bhimavaram 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

Eligibility:

The programme is open to the faculty of engineering colleges, MCA colleges and other allied disciplines in Telangana, Andhra Pradesh, Karnataka, Goa states and Andaman and Nicobar Islands, Puducherry UTs. Research Scholars and other working professionals are also eligible.

Registration Fee Particulars:

- **Faculty and Research Scholars from above mentioned states:** Rs 2500/- (inclusive of boarding & lodging)
- **Faculty of SC/ST Category from above mentioned states:** Rs 1250/- (Submit the Caste Certificate along with Application)
- **Industry participants:** Rs 7500/- (inclusive of boarding & lodging)
- **Participants from other states/UTs (other than above mentioned) :** Rs 8500/- Only (inclusive of boarding & lodging)

The participants need to send a crossed demand draft (DD) drawn in favor of "Director, NIT Warangal" and payable at SBI, NIT Warangal branch or transfer online to the account “ Electronics & ICT Academy, NITW”, Account No: 62423775910 with IFSC Code: SBIN 0020149 and mail the transaction details.

Accommodation:

Selected participants will be provided free boarding & Lodging in College hostels/guesthouses nearby. Working Lunch, Tea & Snacks will be provided during the training in the campus. No TA/DA will be paid to the participants.

How to apply:

A filled-in form of application duly signed by appropriate authorities (along with DD) should reach the host institute coordinator on or before the last date by post/courier. Participants are requested to write their name and contact number backside of demand draft. It is also mandatory to send scanned application form and demand draft through E-mail to srkrfdp@gmail.com

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 if 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) : 21st October 2017

Intimation of Selected members : 23rd October 2017

Duration : 30th October – 4th November, 2017

About the Institutes

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 Institution imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering and M.Tech. and Ph.D. programs in various specializations.

Sagi Rama Krishnam Raju(SRKR)Engineering College (Autonomous) Bhimavaram is a co-educational, private Engineering college and is one of the oldest seminaries formed in 1980's to provide a better quality technical education to students. It is situated at a distance of 100Km. from Vijayawada and is well connected by rail and road. SRKR campus is 2 Km. away from Bhimavaram Town(BVRT) railway station and 90Km away from Vijayawada airport.



APPLICATION FORM
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1. Name :

2. Designation :

3. Institution :

4. E-mail:

5. DD No:

Bank:

6. Address for Correspondence :

7. Educational Qualifications with specialization:

8. Subjects taught so far:

9. No. of refresher courses/workshops attended:

10. Experience (in years) :

Teaching:

Research:

Industry:

11. Do you belong to reservations SC/ST (YES/NO):
If YES, please Attach photo copy

12. Do you require accommodation during Training: Yes/ No

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:

Signature of the applicant

SPONSORSHIP CERTIFICATE

Dr./Mr./Ms. is

Mobile: an employee of our Institute/Organization and is hereby

Date: sponsored to participate in the FDP on *Data Science and Big Data Analytics* sponsored by **Electronics & ICT Academy** during 30th October – 4th November 2017 at SRKR Engineering College, Bhimavaram.

Place:

Signature of Principal / Head of Institution

Date:

Address for correspondence

Post your application form along with DD to

Dr. Bhadri Raju M S V S,
Coordinator for FDP on “Data Science and Big Data Analytics”
Professor in CSE
SRKR Engineering College
Chinna Amiram,
BHIMAVARAM – 534204
ANDHRA PRADESH

Mail the scanned copies of filled-in and duly signed application form with DD to srkrfdp@gmail.com

Please visit: <http://nitw.ac.in/eict/> for more details about Electronics & ICT Academy

Please contact @ 09848433131 or srkrfdp@gmail.com for more enquiries about this FDP.

Coordinators

Prof. D. V. L. N. Somayajulu,
Chair,
E & ICT Academy
Department of Computer Science and Engineering,
National Institute of Technology, Warangal
WARANGAL
TELANGANA

Dr. Bhadri Raju M S V S,
Professor in CSE
SRKR Engineering College
Chinna Amiram,
BHIMAVARAM – 534204
ANDHRA PRADESH