



# FACULTY DEVELOPMENT PROGRAMME (FDP) ON Computational Approach in Big Data Analytics Applications (16<sup>th</sup> Dec 2019 to 21<sup>st</sup> Dec 2019)



Organised by  
**Department of Information Technology**  
**Vasavi College of Engineering (Autonomous), Hyderabad**  
in association with NIT, 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, Govt. of India (GoI). The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa and Puducherry states and UT of 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.

### About the FDP:

The proposed FDP is designed to enhance the learning and research skills of the participants, to make them aware about modern analytical tools and methodologies. It provides an opportunity to acquire knowledge about current technological developments in relevant fields. The programme mainly focuses on Big Data Analytics and the different computational approaches with primary concern and motivation for application development.

### Major Course Contents:

- Big Data Analytics
- Graph and Social Media Analytics
- Hadoop-Map Reduce Programming
- Data and Models Visualization
- Data Analytics using R
- Text Processing
- Big Data Analytics with Spark
- Real time Analytics
- NoSQL Databases
- Case Studies on Big Data Analytics

### Course Evaluation:

Continuous assessments at logical intervals. Assessment includes MCQ's, Fill in the Blanks, True/False and/or scenario based questions.

### About the 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.

### Eligibility:

The programme is open to faculty of Engineering Colleges, MCA Colleges and other allied disciplines in India. Industry personnel working in the concerned /allied discipline can also attend.

### Registration Fee Particulars:

Faculty and Research Scholars	Rs. 2500/-
Industry Participants	Rs. 7500/-

### Payment:

The registration fee should be paid in the form of DDs/online transfer using the following details:

DD Details	Online Transfer Details
<b>Demand Draft in favor of "Electronics &amp; ICT Academy NITW" Payable at any bank in Warangal</b>	<b>Account Name: Electronics &amp; ICT Academy NITW</b>
	<b>Account No: 62423775910</b>
	<b>IFSC: SBIN0020149</b>

### Travel and Accommodation:

All the selected participants will have to make their own arrangements for their accommodation. No TA 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 [hodit@staff.vce.ac.in](mailto:hodit@staff.vce.ac.in) as selection will be intimated only through mail.

### Selection Criteria:

Selection will be done based on **first-cum-first-serve basis** and the confirmed candidates will be notified immediately. The maximum number of participants will be **50 (fifty)**. Additionally 10 participants from industry are allowed to participate. The list of selected participants will be notified in the institute web site [www.nitw.ac.in](http://www.nitw.ac.in) and also will be sent to their personal e-mail ids. In case a candidate is not selected, the demand draft 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:

<b>Last date (Application &amp; DD)</b>	<b>12-12-2019</b>
<b>Selection List by E- mail</b>	<b>13-12-2019</b>
<b>Duration of program</b>	<b>16-12-2019 to 21-12-2019</b>

### About the Institutes:

**National Institute of Technology** (formerly Regional Engineering College), Warangal is an Institute of National Importance and fully funded by MHRD, Govt. of India. It offers various programmes B.Tech. In eight branches, PG and M.Tech. Programmes and also Ph.D. programmes. Further, the institute organizes FDPs, Workshops and Conferences on cutting-edge technologies regularly throughout the year. All B.Tech and M.Tech programmes of NIT Warangal are NBA accredited.

**VCE:** Founded in 1981 by Vasavi Academy of Education, **Vasavi College of Engineering (VCE)** represents a rich tradition of excellence in technology-based education. A premier-league institution among the affiliates of Osmania University, VCE owes its vision to Sri Pendekanti Venkata Subbaiah, a veteran statesman of Independent India. VCE 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). **The Department of Information Technology** was established in the year 2000. The department offers a 4-year B.E Degree programme in Information Technology, with an annual intake of 180 students, with specific emphasis on emerging technologies and empirical mode of learning. The Department was re-accredited by NBA from 2017-20.



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**APPLICATION FORM**

1. Name:
2. Designation:
3. Institution:
4. E-mail:
5. Mobile No.:
6. Mode of Payment : DD  Online Transfer
7. If DD  
DD No.:  
  
Bank: \_\_\_\_\_ Date : \_\_\_\_\_
8. If Online Transfer  
NEFT /  
UTR No.:  
Bank: \_\_\_\_\_ Date \_\_\_\_\_
9. Address for Correspondence:
10. Educational Qualifications with specialization:
11. Subjects taught so far:
12. No. of refresher courses/workshops attended:
13. Experience (in years):  
Teaching:  
Research:  
Industry:
14. Do you belong to SC/ST: YES / NO  
If Yes  

SC	
ST	

**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 **Computational Approach in Big Data Analytics Applications** sponsored by **Electronics & ICT Academy** during **16<sup>th</sup> Dec 2019 to 21<sup>st</sup> Dec 2019** Vasavi College of Engineering, Ibrahimbagh, Hyderabad-500031.

Place:

Date:

Signature of Head of Institution  
(with seal)

**Address for correspondence:**

*Post your application form with DD to*

**Dr. K. Ram Mohan Rao, Prof. & HOD**

Department of Information Technology,  
Vasavi College of Engineering (Autonomous)  
Ibrahimbagh, Hyderabad – 500031, Telangana, India.

*Mail the scanned copies of filled-in and duly signed application form with DD to **hodit@staff.vce.ac.in***

**For more information visit: <http://nitw.ac.in/eict/>**

**For any enquiry contact:**

**Mobile : 9014165993 / 9505430463**

**Land line : 040-23146050**

**Coordinators**

**Dr. T. Ramakrishnu**

Assistant Professor  
Dept. of Computer Science and Engineering  
NIT Warangal -506004

**Mrs. B. Leelavathy**

Assistant Professor,  
Dept. of Information Technology,  
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