



FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

Natural Language Processing

(06-01-2020 to 10-01-2020)

Organized by

**VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY,
Bachupally, Hyderabad.**

in association with

National Institute of Technology, Patna.

Under the Scheme of Electronics & ICT Academy

(Sponsored by Department of Electronics and Information Technology (DeitY), GOI)



Preamble:

"Electronics & ICT Academy" is being set up at NIT Patna with financial assistance from DeitY, MCIT, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa States and Pondicherry and Andaman & Nicobar Islands UTs. 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.

Major Course Contents:

- Data Analytics life Cycle
- Basic of R Programming
- Map-Reduce Programming
- Hadoop, SPARK
- NoSQL Databases
- 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 teachers of Engineering Colleges, MCA Colleges and other allied disciplines in Telangana, Andhra Pradesh, Karnataka, Goa states and Pondicherry, Andaman and Nicobar Islands, UTs. Industry personnel working in the concerned /allied discipline can also attend.

Organized at:

The Programme will be coordinated and conducted by Department of Computer Science and Engineering, VNR Vignana Jyothi Institute of Engineering & Technology, Bachupally, Hyderabad. The whole course is handled by academicians and industry experts.

Registration Fee Particulars:

Faculty members from mentioned states: Rs. 2000/-
(SC/ST category faculty from mentioned states need to pay Rs.500/- only)

Faculty members from other states: Rs. 8500/-

Industry participants: Rs. 6000/-

The participants need to send a crossed demand draft (DD) drawn in favor of "Director, NIT Warangal" and payable at SBH, NIT Warangal branch.

Accommodation:

Accommodation will be provided to the selected 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.

Venue: Seminar Hall & CSE Labs, VNRVJIET.

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 host institute coordinator by speed-post. It is also mandatory to send scanned application form and demand draft through email sivakumar_pv@vnrvjiet.in as selection will be intimated only through mail. Program duration is 6 (six) working days.

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)	27 th Dec 2019
Selection List by E-mail	30 th Dec 2019
Duration	06-01-2020 to 10-01-2020

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.

About VNRVJIET:

VNR Vignana Jyothi Institute of Engineering & Technology, Bachupally, Hyderabad was established in the year 1995 under the society of **Vignana Jyothi**, VNRVJIET with affiliation to Jawaharlal Nehru Technological University (JNTUH), Hyderabad was established with the permission of The All India Council for Technical Education (AICTE), NewDelhi and Government of Telangana . The Institute was accorded Autonomous status for SIX years by UGC from the year 2012. The Institute is NAAC accredited with "A" Grade under autonomous status. The programme is organized by Department of CSE which has got NBA Accreditation for both PG & UG programme for Two years. The department is headed by Mrs. B V Kiranmayee

G. Narayana Murthy, Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104



APPLICATION FORM

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ON

“Natural Language Processing”
(06-01-2020 to 10-01-2020)

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VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND
TECCHNOLOGY,
Bachupally, Hyderabad.

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National Institute of Technology, Patna.



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

SPONSORSHIP CERTIFICATE

Dr /Mr. /Ms. is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on “Data Analytics with R” sponsored by Electronics & ICT Academy during 15th May – 20th May 2017 at VNRVJIET, Hyd.

Signature of Head of Institution
(with seal)

7. Educational Qualification:
8. Subjects taught so far:
9. No. of refresher courses/workshops attended:
10. Experience (in years):
Teaching: Research: Industry:
11. Accommodation required: YES / NO
12. Do you belong to SC/ST : YES/NO

Address for correspondence

Post your application form with DD to

Dr.P.V.Siva Kumar

Coordinator for FDP on” Data Analytics with R”
Associate Professor, Department of CSE, VNR
VJIET, Bachupally , Hyderabad, – 500 090

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

For more details about Electronics & ICT Academy, NITW, please visit:

<http://nitp.ac.in/eic>

For more enquiries please contact:

Mobile: 9989767891, 9505758154

E-mail: sivakumar_pv@vnrvjiet.in,
bharathkumar_p@vnrvjiet.in

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

Dr. Deepak Kumar Behera
Professor, Department of CSE
National Institute of Technology
PATNA. 800001

Dr. P. V. SIVA KUMAR
Associate Professor,
Department of CSE
VNRVJIET, Hyd-90

PRINCIPAL
VNR Vignana Jyothi Institute
of Engineering and Technology
(Autonomous)
Shaikpet, Hyderabad - 500 100

REPORT


Workshop attended on Natural Language Processing from 6th Jan to 10th Jan 2020 at VNR VJJET, Hyderabad.

- Day 1 (6-1-2020): Inauguration and keynote address by Prof P Bhattacharya. Machine Translation and Sentiment Analysis were the focus area addressed. Dr Atul Gupta explained about language modelling in the forenoon session. Text classification was discussed by Dr Namita Mittal in the afternoon session followed by hands-on session on Text processing with NLTK.
- Day 2 (7-1-2020): Dr Atul Gupta briefed about Natural Language syntax parsing and CYK algorithm, followed by Sentiment analysis by Dr Asif Ekbal. Post lunch Dr Namita Mittal explained word embedding and lab session was conducted on Text classification using Machine Learning techniques.
- Day 3 (8-1-2020): On day 3 CNN and RNN was explained by J.P Singh and Sarcasm detection by Dr K Satyababu. Summarization systems was dealt by Dr Sriparna Saha followed by Lab session on Embedding Techniques and CNN. At the end of the day Quiz-1 was conducted to all the participants.
- Day 4 (9-1-2020): GMM and HMM modelling was discussed by Dr Gayadhar Pradhan and Dialogue systems by Dr Asif Ekbal. In the afternoon, hands-on session on Sentiment Analysis and Text processing using RNN.
- Day 5 (10-1-2020): On the last day Dr J.P Singh briefed on Attention model followed by lab session on Text clustering. Chat bot development was explained by Dr. Sriparna Saha. Quiz-2 was conducted at the end of the day.

The workshop was online jointly organized by Electronics & ICT Academics, NIT Patna in association with VNR VJJET, Hyderabad through National Knowledge Network.

Participant Name:
Mrs. Nandadevi D.R.


11/1/20


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(SRI VNR VJJET)
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