FACULTY DEVELOPMENT PROGRAMME (FDP)

On

IOT and Analytics

(21st – 26th October, 2017)

Organized by

Dhanekula Institute of Engineering and Technology, Vijayawada

In association with NIT, Warangal

Supported by 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, 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.

This faculty development programme (FDP) is devoted to addressing the need to enhance the knowledge about the latest technologies pertaining to IoT & Data Analytics and is open for Faculty members of engineering, MCA and other allied degree colleges from states mentioned above.

Major Course Contents:

- NoSQL Databases
- Graph and Social Media Analytics
- Protocol Stack in IoT
- D2D Communication in IoT
- Experimentation with IoT Devices
- Python Programming (MQTT, Socket-IoT Protocols)
- Smart IoT Applications

Structure of the Course:

- Theory - 25 hours: The theory for the topics specified in the 'Course Contents' is covered over 25 hours duration in classroom sessions. The theory sessions may contain some demonstrations.
- Lab - 15 hours: The participants will be applying the topics learnt by doing exercises.

Faculty conducting this programme:

- The programme will be conducted by the faculty members from NIT Warangal and Industry personnel. Academicians in the concerned field from **Reputed Institutes** are invited to deliver lectures in the programme.

Eligibility: The programme is open to the teachers of engineering colleges, MCA colleges and other allied disciplines in Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & 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 participants need to send a crossed demand draft (DD) drawn in favor of "Director, NIT Warangal" and payable at SBH, NIT Warangal branch.

Accommodation:

All the selected participants will be provided FREE boarding & lodging in the institute 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 diet.csehod@gmail.com as selection will be intimated only through mail. Program duration is 6 (six) working days including Sunday.

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 notified in the E&ICT web site www.nitw.ac.in/eict**and** also will be sent to their personal e-mail ids. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

Last date (Application & DD)	14/10/2017
Selection-list intimation by E-mail	15/10/2017
Duration	21st – 26th Oct, 201

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 the DIET, Vijayawada:

Dhanekula Institute of Engineering & Technology, established in the year 2009 is the first of its kind Technical Institute founded by Sri Dhanekula Ravindranath Tagore, a visionary and a living legend. Affiliated to JNTUK, Kakinada and approved by AICTE, it aims at providing a sound technical knowledge and broad vision to the technocrats of future as they are prepared for a successful tomorrow. Founded in the year 2009, the institution intends to fabricate proficient engineers to face the dynamic changes of the present century.

This institute with global standards offers courses at the Undergraduate level in five areas of engineering, at the Post Graduate level in two areas of engineering and at Diploma level in two areas of engineering.

APPLICATION FORM
Electronics and ICT Academy, NIT Warangal and
Dhanekula Institute of Engineering and Technology, Vijayawada
Faculty Development Programme on
IOT and Analytics
(21st – 26th October, 2017)

1. Name   :

2. Designation   :

3. Institution   :

4. E-mail   :

5. Mobile No.   :

6. DD No   :

    Bank: Date:

7. Address for Correspondence:

8. Educational Qualifications with specialization:

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 IOT and Analytics sponsored by Electronics & ICT Academy during 21st – 26th October, 2017 at Dhanekula Institute of Engineering and Technology, Vijayawada.

Place:

Date: Signature of Head of Institution
                (With seal)

Address for correspondence:
Post your application form with DD to

Dr. B. Srinivasa Rao,
Professor and Head,
Department of Computer Science and Engg.,
Dhanekula Inst. of Engg. and Technology
Ganguru, Penamaluru Mandal
VIJAYAWADA-521139,
Andhra Pradesh, India.

Mail the scanned copies of filled-in and duly signed application form with DD to
diet.csehod@gmail.com
For more information visit:
http://nitw.ac.in/eict/

For any enquiry contact:
Mobile   : **9440486838**
Land line: **0866-258 3842, 43**

Coordinators

Dr. Rashmi Ranjan Rout   **Dr. B. Srinivasa Rao**
Dept. of CSE   **Head,**
                                    Department of CSE,
NIT Warangal   **DIET, Vijayawada**

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