

FACULTY DEVELOPMENT PROGRAMME(FDP)

On

INTERNET OF THINGS (IoT)

(28th Jan 2019 to 02nd Feb 2019)

Organized by

E & ICT ACADEMY, NIT Warangal

&

HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE

BOGARAM(V), KEESARA(M), MEDCHAL(Dist.) HYDERABAD-501301.

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



HITS

NITW

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 Workshop:

The proposed FDP introduces concepts of Internet of Things. It covers an overview of Internet of Things and their applications. The training comprises of a series of lectures and practical exercises. The participants obtain deep insights of Internet of Things, which in turn helps them to apply it in practice or as a foundation to a deeper study in this area.

Major Course Contents :

- Introduction to IoT
- Concepts and Terminology of the IoT
- IoT Applications and Challenges
- Requirements of IoT
- Various Applications/Smart Objects
- Components of IoT
- Local & Global Connectivity
- Business Inferences IoT Building Blocks
- IoT Platforms, Connectivity, Processing, Software
- IoT Architecture, Business Models, IoT Reference Architectures
- Visual Prototyping with Arduino and Connectivity to IoT Platforms
- Communication network requirements, Data Processing challenges
- Database, Cloud and Server Configuration for IoT
- Live working application design

Course Evaluation:

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

Faculty conducting this Programme:

The programme will be conducted by the faculty members from **NIT Warangal**. Academicians in the concerned field from reputed institutes are invited to deliver lectures in the programme. Speakers from **industry** are also expected to deliver as part of the course.

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 | 2500/- Only |
| Faculty of SC/ST Category | 1875/- Only |
| Industry Participants | 7500/- Only |

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.

Payment:

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

| DD Details | Online Transfer Details |
|--|--|
| Demand Draft in favour of "Director, NIT Warangal" payable at NIT Warangal | Account Name: Electronics & ICT Academy NITW Account No: 62423775910 IFSC: SBIN0020149 |

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 hitscse@hmgi.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/eict 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. A test will be conducted at the end of the course. Candidates will be issued certificates on successful completion of the course along with grade. Reservations are followed for selecting candidates as per GOI norms.

Important Dates:

| | |
|-----------------------------|--|
| Last Date(Application & DD) | 22-01-2019 |
| Selection List by E-Mail | 25-01-2019 |
| Duration | 28 th Jan'2019 – 02 nd Feb' 2019 |

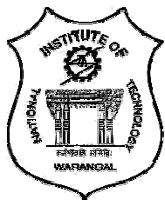
About the Institutions:

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.

Holy Mary Institute of Technology & Science:

Holy Mary Institute of Technology & Science was established in the year 2001 by the Holy Trinity Educational Society at Bogaram (V), Keesara (M), Medchal District, Telangana. It is promoted by the well known Educationist and Philanthropists Dr. Arimanda Vara Prasad Reddy, Honorable Chairman, Smt Dr. A. Vijaya Sarada Reddy, Honorable Secretary and Sri A. Siddhartha Reddy, Honourable Vice Chairman. Dr. P. Bhaskara Reddy is the Principal/Director. The College of Engineering has well equipped laboratories, library, fully furnished class rooms, staff rooms, dedicated faculty and other facilities like English Language lab and Internet lab with high capacity leased line for Internet. An exclusive office named International Students Cell (ISC) is developed for admissions and guidance of International students. Holy Mary is partnered with International Accreditation Council of Quality Education and Research (IACQER), an organization that encourages in R & D activities.

The College is approved by the All India Council for Technical Education, New Delhi and Accredited by NAAC-'A' Grade and is permanently affiliated to JNTU, Hyderabad. Today HITS has grown in leaps and bounds and it is no wonder that HITS has become cynosure of the eyes of many, hankering for the distinguished centre of technological learning



ELECTRONICS & ICT ACADEMY, NIT WARANGAL
&
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE,
HYDERABAD-501301
FACULTY DEVELOPMENT PROGRAMME(FDP)



NITW

On
INTERNET OF THINGS (IoT)
(28th Jan 2019 to 02nd Feb 2019)
APPLICATION FORM

HITS

SPONSORSHIP CERTIFICATE

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

Dr/Mr/Ms. is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on "Internet of Things" sponsored by **Electronics & ICT Academy** during **28thJan'2019 – 02ndFeb'2019** at **Holy Mary Institute Of Technology & Science, Bogaram(V), Keesara(M), Medchal(Dist.), Telangana State, India.**

Place:

Date: Signature of Head of Institution
(with seal)

Address for correspondence:

Post your application form with DD to:

Dr. RAJU BHUKYA

Assistant Professor,
Department of CSE,
National Institute of Technology,
Warangal, 506004.
Telangana, India.

Mail the scanned copies of filled-in and duly signed application form with DD to:

dr Rajunitw@gmail.com,
raju@nitw.ac.in,

For more information visit:

<http://nitw.ac.in/eict/>

For any enquiry contacts:

1. **Dr. Raju Bhukya**, Asst. Professor, Dept. of CSE, NITW. Mobile:**9700553922**, E-Mail: raju@nitw.ac.in

2. **Dr. Ch. V. Raghavendran**, Professor & Head, Dept. of CSE, Holy Mary Institute of Technology & Science. Mobile: **9440674553**, E-Mail: hitscse@hmgil.ac.in

3. **Mr. Ravi kumar Banoth**, Coordinator, Dept. of CSE, Holy Mary Institute of Technology & Science. Mobile: **9441513034**, E-mail: ravikumar.banoth@hmgil.ac.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.

Place:

Date: Signature of the applicant

COORDINATORS

Dr. Raju Bhukya
Assistant Professor
Dept. of Computer Science and Engineering
NIT Warangal

Mr. Ravi Kumar Banoth
Associate Professor
Dept. of Computer Science & Engineering
HITS Hyderabad

Organized by

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&
Holy Mary Institute of Technology & Science
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