Name of the Programme

12. Texas Instruments Sponsored in association with STEPS Knowledge Services Pvt. limited Coimbatore and E&ICT Academy,NIT Warangal jointly organized one week FDP on Internet of Things

FACULTYDEVELOPMENT PROGRAMME (FDP)
ON
INTERNET OF THINGS
(25th to 30th November 2019)
Organised by
JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCES
in association with
E & ICT Academy, National Institute of Technology, Warangal
(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, 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. DEP for working professionals. Advice and support for technical incubation and entrepreneurial activities.

Major Course Contents:
• Overview of IoT and its roadmap. Opportunities & Challenges in implementing IoT solutions. CC3200 Platform. Value-Line Architecture, Features and Peripherals.

• Connectivity Solutions using CC3200 Wi-Fi – Accessing HTML Page from HTTP Web Server. WLAN connection in Access Point Mode & Station Mode and Introduction to Energia IDE

• Working with: Serial Interface, Wireless Interface (RF) Multiple peripherals as a system. Creation of our Web Server and Web page. Exercise on web server with different web pages to control the Hardware

• Working with MQTT protocol and pushing the sensor data to the IBM cloud. Configuring MQTT client and server using web browser and Android APP. Data acquisition and control using the cloud server with the user interface as Mobile APP and web browser. Working with eclipse.org cloud server

• Getting weather information from cloud server using CC3200WIFI. Working with Temboo and Yahoo cloud server

• Getting Time Information from cloud server using CC3200 Wi-Fi. Sending Email from the Hardware CC3200 using Google mail cloud server. Sending SMS alerts using Nexmo and Twilio cloud services. Getting connected with Thingspeak Cloud platform and sending sensor information.

• Getting connected with AT&T Cloud platform and sending sensor information. Updating real time user location to AT&T cloud platform with map visualization.

Eligibility:
This programme is open to the faculty of engineering, MCA colleges and other allied disciplines in India. Industry personnel working in the concerned/allied discipline can also attend.

Faculty conducting this programme:
The programme will be conducted by the faculty members from NIT Warangal and Academicians in the concerned field from reputed institutes are invited to deliver lectures in the programme. Speakers from Industries like Texas Instruments, ISRO, DRDO are also expected to deliver as part of the course.

Registration Fee Particulars:

Faculty and Research Scholars	Rs. 2500/-
Faculty of SC/ST Category	Rs. 1500/- (SC/ ST participants should submit the copy of their caste certificate to claim the concession along with application form)
Industry Participants:	Rs. 7500/-

SC/ST concession is only for faculty of mentioned states. Research Scholars are not eligible for SC/ST concession.

The entire registration fee is to be collected in the form of DD/online transfer using the following details:

DD Details	Online Transfer Details
Demand Draft in favor of "E & ICT Academy, NIT Warangal" payable at any bank in Warangal	Account Name: Electronics & ICT Academy NITW
Account No: 62435779815
IFSC: SBIN0020149

Organized at:
The programme will be coordinated and conducted by Jayamukhi Institute of Technological Sciences, Narsampet. The whole course is handled by academicians from premier institutions, Industry experts and Research advisors.

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 benaik54@gmail.com, raju@nitw.ac.in as selection will be intimated only through mail.

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 satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

Last date (Application ACC)	18/11/2019
Selection List by E- mail	19/11/2019
Duration:	25/11/2019 to 30/11/2019

About NIT Warangal & Department:
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.

JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCES Sponsored by the Jayamukhi Educational Society, the Jayamukhi Institute of Technological Sciences came into being in 2001 to provide quality and contemporary education with social relevance in the engineering faculty with an ultimate vision to maintain global standards in higher learning and research. The Institute has the approval of AICTE and recognized by the Government of Telangana. It is permanently affiliated to Jawaharlal Nehru Technological University (JNTU), Hyderabad UGC Autonomous & accredited by NBA. The institute has come upon 22 acres of green pastures in Narsampet, about 30km away from the historic city of Warangal and presents a picturesque and panoramic view. JITS offers a four-year B.Tech. Programme in the disciplines of CSE, ECE, EEE, CIVIL and ME.

FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
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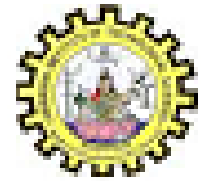(25th to 30th November 2019)
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1. Name :
2. Designation :
3. Institution :
4. Email :
5. DD No.:   Bank: Date:

   Amount:

6. Address for Correspondence:

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

(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.

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 "Internet of Things", sponsored by Electronics & ICT Academy during 25th – 30th November, 2019 at JITS, Narsampet, Warangal.

Signature of Head of Institution
(With seal)

Address for correspondence
Post your application form with DD to

Hameed Pasha Mohammed
Associate Professor, Department of ECE
Jayamukhi Institute of Technological Sciences
Narsampet, Warangal Rural – 506 332 (T.S)

E-mail the scanned copies of filled-in and duly signed application form along with DD to
hameedms@gmail.com, eoiit.ed@jits.in, raju@nitw.ac.in.

For more details about Electronics & ICT Academy, NIT, Warangal, please visit https://nitw.ac.in/eict

For more enquiries please contact:

Mobile: 9490377765, 9700553822

Coordinators

Dr. Raju Bhukya
Assistant Professor
Dept. of Computer Science and Engineering
NIT Warangal
Telangana State, India 506004.

Hameed Pasha Mohammed
Associate Professor
Dept. of ECE
Jayamukhi Institute of Technological Sciences
Narsampet, Warangal Telangana State,
India 500003

JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCE

(An Autonomous Institution)

Narsampet, Warangal – 506 3332(T.S)

One week Faculty Development Programme on

"Internet of Things"

Sponsored by Texas Instruments

Organized by

Jayamukhi Institute of Technological Sciences

In association with E& ICT Academy, NIT, Warangal

During 25th -30th November 2019.

Proposed List of Faculty for the FDP programme

S.No	Name of the Faculty	Department	Designation
1.	Hameed Pasha Mohammad	ECE	Coordinator
2.	S.Sandhya Rani	ECE	Associate Professor
3.	Zulekha Tabassum	ECE	Associate Professor
4.	Madhu Kumar	ECE	Associate Professor
5.	SK Mastan	ECE	Associate Professor
6.	K.Jayaprada	ECE	Assistant Professor
7.	S.Sunil	ECE	Assistant Professor
8.	P.Ramya	ECE	Assistant Professor
9.	N.Sukumar	ECE	Assistant Professor
10	S.Kalyan	ECE	Assistant Professor
11	D.Prasad	ECE	Assistant Professor
12	M.Sreedhar	ECE	Assistant Professor
13	M.Usha Rani	ECE	Assistant Professor
14	S.Rekha	ECE	Assistant Professor
15	G.Balakrishna	ECE	Assistant Professor
16	D.Supriya	ECE	Assistant Professor
17	S.Gouthami	ECE	Assistant Professor
18	T.Karteek	ECE	Assistant Professor
19	J.Ramana	ECE	Assistant Professor
20	B.Sateesh Reddy	ECE	Assistant Professor
21	P.Srinivasa Rao	CSE	Associate Professor & Head
22	R.Bharath Kumar	CSE	Associate Professor
23	M.Narender	CSE	Assistant Professor
24	K.Srinivas	CSE	Associate Professor
25	B.Naresh	CSE	Associate Professor
26	P.Anand Kumar	CSE	Assistant Professor
27	D.Upender	CSE	Assistant Professor
28	K.Dayakar	CSE	Assistant Professor
29	K.Anil	CSE	Assistant Professor
30	G.Josemary	CSE	Assistant Professor
31	S.Gouthami	CSE	Assistant Professor

32	K.A.M.Sushma	CSE	Assistant Professor
33	S.Sandhya	CSE	Assistant Professor
34	L.Tarasvi	CSE	Assistant Professor
35	S.Sravanthi	CSE	Assistant Professor
36	D.Rajani Kumar	EEE	Assistant Professor
37	G.Anil	EEE	Assistant Professor
38	M.Satya narayana	EEE	Assistant Professor

JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCES

(An Autonomous Institution and Affiliated to JNTUH)

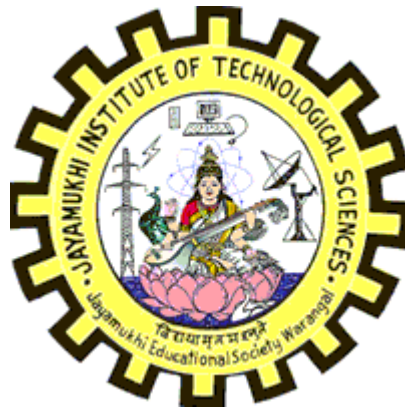## one week faculty Development Programme

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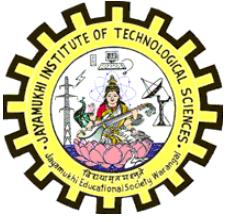**(25th to 30th November 2019)**

Organized by

Department of Electronics and Communication Engineering

Accredited by NBA

www.jits.in

JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCE
(An Autonomous Institution)
Narsampet, Warangal – 506 3332(T.S)
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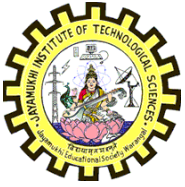In association with E& ICT Academy, NIT, Warangal
During 25th -30th November 2019.

Inauguration ceremony of the FDP on 25th November 2019 at 10.30 AM in Auditorim Block

Agenda

1. Inviting the guest on to the dias

2. Lightening of Lamp(Jyothi prajwalana)

3. Prayer Song

4. Coordinator's Report

5. Address by Prof.P.Rangaiah, Director, JITS

6. Address by Prof.K.Kishan Rao, Former principal of REC(NITW) advisor JITS

7. Bio –Data of Chief guest

8. Address by chief guest

9. Felicitation to the guest by dignitaries

10. Presidential remarks

11. Vote of thanks

JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCE

(An Autonomous Institution)

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Proceedings

1. Inviting the guest on to the dias by Mrs.S.Sandhya Rani, Associate Professor, Dept.of ECE

2. Lightening of Lamp(Jyothi prajwalana)

3. Prayer song by Hadassa Joyce and Sucharitha

4. Coordinator's Report by Md.Hameed Pasha, Head, Department of ECE

5. Address by Prof.P.Rangaiah, Director, JITS

6. Address by Prof.K.Kishan Rao, Former Principal of RECW(NITW), Advisor JITS.

7. Bio –Data of Chief guest : Zulekha Tabassum, Assoc.Professor, Dept.of ECE, JITS

8. Address by chief guest: Mrs. N. Kavitha, Technical Director
     STEPS KNWOLEDGE SERVICES Pvt.Ltd.(Texas Instruments Promoters)
9. Felicitation to the chief guest by dignitaries

10. Presidential remarks by Prof.M.Lokanadha Rao, Principal, JITS

11. Vote of thanks by Mrs. G.Josemary.