

About SET-JU

The School of Engineering and Technology, Jain University (SET, JU), is a highly renowned Engineering Institution located in Bangalore. SET was established in 2005. SET offer 7 undergraduate and 9 post graduate courses. Our staff consists of highly accomplished individuals who hold postgraduate and doctoral degrees. We have 2500 students currently enrolled in various branches at our institute. SET does cutting edge research in areas such as Nano Technology, Disaster Mitigation, Polymers, Medicinal Chemistry, Remote Sensing, Sensor Networks, Cloud Computing, Big Data Analysis, X-ray Crystallographic Studies. Moreover, SET has collaborated with the best companies in the industry such as TI, HP, Cisco, E-Vyasa, Bosch, ISRO, Infosys, Cognizant, HAL in order to enhance research and academic activities. SET has realized that education can go beyond the conventional boundaries. Remarkable facilities and diverse co-curricular activities serve these educational purposes. Our well maintained campus provides a sense of persistent vision, stability and management. Besides classroom teaching, SET emphasizes on intensive interactions between students and mentors. It also provides state-of-the-art infrastructure facilities.

About Dept. of ECE

JU-SET started with the **Electronics and Communication Engineering (ECE)** Department in the year 2005. As a unit of excellence, the Department is well committed to impart the knowledge in the vistas of Electronics and Communication. Department offers B.Tech, M.Tech and Ph.D with guidance and assistance of well versed faculty with academic and industrial experience accompanied by skilled technical staff. With a well-established infrastructure put in place, the Department has all the tools and equipment necessary for its academic and research programs. Additionally,

JU-SET has research programs recognized by **ISRO** on Indian Regional Navigation Satellite System (**IRNSS**) for monitoring data used for scientific purposes. In cooperation with CET and IIAEM, the ECE Department has initiated various research activities. The Department has a committed team of 8 Ph.D. faculty members and 20 with Master's degrees, with a blend of academic, research and industrial experiences from the reputed institutes and organizations.

About Dept. of EEE

Established in the year 2006, the Department of **Electrical and Electronics Engineering (EEE)** offers undergraduate (B.Tech) and doctoral programs with the guidance and assistance of well-versed faculty with academic and industrial experience accompanied by skilled technical supporting staff. The Electrical Department is intensely engaged in industry-institute interaction, research and development, conferences, workshops, seminars, and classroom training sessions.

About Dept. of CSE

Established in the year 2006 with the state-of-the-art facilities as per the University curriculum. The experienced pool of faculty at CSE with a fusion of academics and industry experience have contributed in making the department vibrant. The CSE Department offers B.Tech in Computer Science Engineering, M.Tech in Software Engineering, M.Tech in Computer Science Engineering and Ph.D. in Computer Science Engineering. The Doctoral Program focuses on the areas related to Cloud Computing, Data Mining, Image Processing and Wireless Sensor Network. Thus, our objective is to promote research in the field of **Computer Science and Engineering (CSE)** to bring the benefits of the technological revolution to the society.

For more details or a query please contact

Organizing Secretary

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Important Dates

Submission of Registration form : 17th January 2018

Acceptance Notification : 19th January 2018

Last date for Registration : 22nd January 2018



Save our Planet, Plant a tree



One Week Faculty Development Program on

Internet of Things (IoT)

24th - 30th January 2018

Organized by

Department of Computer Science & Engineering
Department of Electrical and Electronics Engineering
Department of Electronics and Communication Engineering

in Collaboration with



TI university program

Chief Patrons

Dr. Chenraj Roychand

President, JGI Trust

Dr. C.G. Krishnadas Nair

Chancellor Jain University

Dr. N. Sundararajan

Vice Chancellor, Jain University

Conveners

Dr. Narayana Swamy Ramaiah

Professor, Dept of ECE

Dr. Kuldeep Sharma

Associate Professor & Head, CSE (Specialization)

Sponsored by



Advisory Committee

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Dr.Mithileshwar Jha, *Pro-VC, JU*

Dr.S.C.Sharma, *Advisor, JU*

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Dr.Shwetha Gupta, *Associate Professor, Dept of ECE*

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Prof.Ryan Dias, *Asst.Professor, Dept of ECE*

Prof. Mohmad Umair Bagali, *Asst.Prof. Dept of ECE*

Prof. Nagendra.K, *Assistant Professor, Dept of EEE*

Prof. Raghu.N, *Assistant Professor, Dept of EEE*

Participants

Academicians, Research Scholars, Scientists, Industry and R&D organization, PG Students.

Objective of FDP

The main objective of the program is to form a bridge between the industry and academic institutions to update their knowledge. To impart the basic concepts and techniques to the budding technical teachers of all the engineering colleges in India. It is useful to enhance their skills for academic growth and also to make them conducive for research activity in the field of internet of things

Contents

The programme provides expert facilities on the topics mentioned below which will impart a good understanding of latest issues related to internet of things

IOT: Internet basics, IoT ecosystem, Application areas.

Networking Basics: Understand the Network Protocol

Data Exchange over the Network: Understand Sockets and Ports, Client-Server Communication Paradigm TCP/IP and UDP, Client and server class APIs

Embedded Web Server: HTTP Server, elements of HTTP message, getting started with HTML, Serving Web pages that respond to user input

Application Implementation-I: MQTT Protocol, Overview of MQTT Protocol and its use in IoT

Application Implementation-II: Design of IoT based Rash Driving Alert System

Resource Person



Registration Details

Registration Fees : 1000Rs

DD/Cheque in favour of "JAIN UNIVERSITY" Payable at Bengaluru

Venue :

Seminar Hall,

School of Engineering and Technology,

Jain University, Jain Global Campus,

Jakkasandra Post, Kanakapura Taluk,

Ramanagara District-562112, Karnataka, India



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REGISTRATION FORM

Name

DesignationDepartment

Organization

Highest QualificationExperience

Address for Correspondence

.....

Mobile:.....E mail ID :

Accommodation Required: Yes/No

Registration fee Details

Name of Bank.....

DD/Cheque.NoDate:Amount.....

Date:..... Signature

Seal and Signature of sponsoring Authority/Head/Director

Note: Scanned Copies of Registration form should be mailed to

sunilmp93@gmail.com, spot registration is also possible depending on the availability of seats and submission of all necessary documents along with demand draft at the time of on-spot registration. No TA/DA will be paid by organizing Institute.