Two-Day National Workshop
On
Internet of Things (IoT)
(17th and 18th February 2018)

Organized by

UNIVERSITY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN
KAKATIYA UNIVERSITY, WARANGAL, TELANGANA.

Jointly sponsored by
(UGC UNIT, KAKATIYA UNIVERSITY)

About the University

Kakatiya University was established on 19th August, 1976 to fulfill the aspirations of the Telangana people for higher education. The founding of the University was in fact a historic event in the sense that heralded a new era in the realms of higher education of this region. The erstwhile Post-Graduate Centre of Osmania University was upgraded and named Kakatiya University. The development of the University over the years has been gradual but impressive. The University was initially accredited with 'B+' grade by the NAAC in 2002, 'A' grade in 2008 and re-accredited with 'A' grade in 2017.

About the College

Kakatiya University started University College of Engineering & Technology for Women in 2013 to provide the quality of education for women's of Telangana. College offers B.Tech courses like EEE, ECE, CSE, IT with an intake of 60 seats in each course. The college has a liaison with reputed Industries and R&Ds organization.

Workshop goals

Looking to expand awareness, educate, inform and engage on all aspects of the Internet of Things (IoT) including components, technologies, products, Application, consumer usage and societal impact.

Workshop Speakers

The experts from nationally reputed industries like Scientech, Intel, IBM, proficient's from reputed institutes and the faculty of NIT Warangal.

Workshop theme

The Internet of Things (IoT) has spread into most of the businesses in the modern world. It has become an integral and inevitable part of our daily lives. This technique will improve public safety, intelligent tracking in transportation, industrial wireless automation, Machine to Machine communication and personal health monitoring in healthcare with better information and faster communications. Improving efficiencies, enabling innovation and fueling transformation are the cornerstones of the digital business. This work shop will induce lateral dimensions in various research avenues in communication, automation, smart sensor, Networking and Internet Protocol (IP).

Outcome of the Workshop

At the end of the workshop, each participant attending this workshop is expected to have enhanced his/her knowledge on the future of technology – Internet of Things.

Major Course Contents

The whole course is handled by academicians and industry experts. ***The workshop will be hands-on case-study.***

➢ Introduction and evolution of IoT

➢ Application areas in IoT

➢ Operating System used for IoT

➢ Shell Scripting & Programming languages used for IoT

➢ Communication Protocol study for IoT

➢ Sensors and Actuator for IoT

➢ Database, Cloud and Server Configuration for IoT

➢ Web development and application development tools

➢ Importance of Wireless Sensor Network

➢ Live working application design

Who can attend?

The aim of this workshop is to make an effort to provide a forum for the academicians and researchers to gain and discuss current research trends, issues, methods and prospects in the field of IoT. It is open to faculty, Scientists, Engineers, Technologists, Stakeholders, and Persons from industry for mutual sharing of knowledge, expertise and experience in IoT field.

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 60 (Sixty). 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. No TA will be paid for the participants.

Accommodation

Non-Local participants are requested to make their own arrangements for stay. However limited accommodation may be available in the university guest house which can be had by paying university tariff amount. Those who are willing to avail this facility may send their request along with their registration form to workshop Director on or before **10th February 2018**.

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1. Name of the Applicant:

2. Gender: Male/Female:

3. Educational Qualification(s):

4. Designation:

5. Department :

6. Name &Address of the Institution:

7. Experience (In Years):

    Teaching: Industry: Research :

8. Address for Communication:

9. E-Mail Address:

10. Contact Number:

11. Accommodation required: YES /NO

    (Limited accommodation may be available in the university guest house , which can be had by paying university tariff amount)

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 workshop and shall attend the course for the entire duration. I also undertake the responsibility to inform the Director in case, I am unable to attend the course.

Signature of the Applicant

SPONSORSHIP CERTIFICATE

This is to certified that Dr./Mr./Mrs./Ms ………………………….. is an employee/scholar/student of our Institute/Organization and is hereby sponsored to participate in **National Level Workshop on "Internet of Things (IoT)" during 17th & 18th Feb 2018 which is o**rganized by University College of Engineering & Technology for Women, Kakatiya University, Warangal.

Signature of Head of Institution
(With seal)

Important Dates:

Last date of application: **10th February 2018**
Date of confirmation: **12th February 2018**

Registration Fee

Faculty members / Research Scholars: Rs. 1000/-

PG/UG (final year) Students: Rs. 500/- Only

Industry participants: Rs. 1500/- Only

*D.D should taken from any national bank drawn in favor of Principal, UCE&TW, Warangal payable at KU Branch, Warangal (or) transfer online to the account "Principal, UCE&TW", Account No: **37465488212** with IFSC Code: SBIN0020262 and mail the transaction details. The registration form must contain the signature of Head of the Institution with seal.*

Address for Correspondence

Candidates are requested to send their registration forms either through post/courier or e-mail.
Dr. B. MANJULA
Workshop Director & Principal,
University College of Eng. & Tech. for Women
Mobile: +91-9177544143,
Landline: 0870-2448338
E-mail: manjulabairam@kakatiya.ac.in