



Science and
Engineering Research
Board (SERB)
DST, Govt. of India
sponsored
One Week Seminar
Program
on



“Emerging trends in Wireless Networks”
21.05.2018 to 25.05.2018
(Co-sponsored by IETE, Warangal centre)

REGISTRATION FORM

Name: _____

Designation: _____ Department: _____

Name of the Institution: _____

Correspondence Address:

PIN code _____

Mobile No: _____

E-Mail: _____

Accommodation Required: Yes/No

Payment Details:

DD No. _____ Date: _____

Bank/Branch: _____

Signature of the Participant:

Place:

Date:

**Signature of the Head of the Institute/
Sponsoring Authority
(With Date and Seal)**

Chief Patrons

Capt. V. Lakshmikantha Rao
Honorable M.P. (Rajya Sabha)
Secretary & Correspondent, KITSW

Sri P. Narayana Reddy
Treasurer, KITSW

Patrons

Dr. Y. Manohar, *Director, KITSW*
Dr. P. Venkateshwar Rao, *Principal, KITSW*

Chairperson

Dr. P. Kamakshi, *Prof. & Head, Dept. of IT*

Coordinator

Smt. S. B. Swathi, *Asst. Prof., Dept. Of IT*

Co-coordinator

Sri T. Mahesh Kumar, *Asst. Prof., Dept. of IT*

Resource Persons:

- Dr. L. Anjaneyulu, *Prof., Dept of ECE, NIT, Warangal*
- Dr. D. Srinivasa Rao, *Prof., Dept of ECE, JNTUHCE, Hyderabad*
- Dr. Ch. Sudhakar, *Assoc. Prof., Dept of CSE, NIT, Warangal*
- Dr. Rashmi Ranjan Rout, *Assoc. Prof., Dept of CSE, NIT, Warangal*
- Sri E. Hari Krishna, *Asst. Prof., Dept of ECE, University College of Engg.(KU), Kothagudem*
- Sri K.Rajesh, *Application Engineer, Nihon Communication Solutions Pvt. Ltd., Bangalore*

Organizing Committee:

- Smt. G.K.Shailaja, *Assoc. Prof., Dept. of IT*
- Sri B. Kiran Kumar, *Assoc. Prof., Dept. of IT*
- Sri A.Bhaskar, *Assoc. Prof., Dept. of IT*
- Smt. Y. Bhavani, *Assoc. Prof., Dept. of IT*
- Sri P. Sudharshan Ray, *Asst. Prof., Dept. of IT*
- Smt. V. Sunitha, *Asst. Prof., Dept. of IT*
- Sri M.V. Phanindra, *Asst. Prof., Dept. of IT*
- Sri M. Kishore, *Asst. Prof., Dept. of IT*
- Sri R. Gautam, *Asst. Prof., Dept. of IT*
- Smt. P. Suma, *Asst. Prof., Dept. of IT*



Science and Engineering
Research Board (SERB)
DST, Govt. of India
sponsored
One Week Seminar
Program
on



“Emerging trends in Wireless Networks”
21.05.2018 to 25.05.2018
(Co-sponsored by IETE, Warangal centre)



Chairperson

Dr. P. Kamakshi, *Prof. & Head, Dept. of IT*

Coordinator

Smt. S. B. Swathi, *Asst. Prof., Dept. of IT*

Mobile: 9676866311

Co-coordinator

Sri T. Mahesh Kumar, *Asst. Prof., Dept. of IT*

Mobile: 9885886696



DEPARTMENT OF INFORMATION TECHNOLOGY
Kakatiya Institute of Technology & Science (KITS)
(An Autonomous Institute under Kakatiya University, Warangal)

**Opp: Yerragattu Hillock, Hasanparthy (M),
Warangal-506015 (T.S.), INDIA.**

Tel (0870) 2564888, Fax: (0870) 2564320

Website: www.kitsw.ac.in

ABOUT THE INSTITUTE:

Kakatiya Institute of Technology & Science, popularly known as KITS, was established in the year 1980. KITS is the flagship institute sponsored by Ekasila Education Society, Warangal, whose primary objective is to establish and manage a variety of educational institutions with highest quality and thus to provide quality human resources. The institute is permanently affiliated to Kakatiya University, Warangal and recognized by AICTE. UGC, New Delhi has granted Autonomous status to KITS, Warangal from 2014-15 academic year. The institute has its own campus covering an area of 67 acres of land. It is offering undergraduate courses in seven branches of engineering and seven post graduate programs. Four departments have been recognized as Research Centres for Ph.D. Programme. All seven UG Programmes are accredited by NBA and the institute has conducted seminars, symposiums, conferences in the past.

Few of the Milestones of the Institute:

- ❖ KITSW is AAA+ rated institute among best Engineering Colleges in India by careers360.com from the year 2014.
- ❖ Ranked second best Engineering College in the State of Telangana among all private Engineering colleges in India.
- ❖ NIRF (MHRD, Govt. Of India) ranked KITSW among 151-200 band among Engineering institutes in India for the year 2017.
- ❖ AICTE-CII Survey of Industry linked technical institutions ranked KITSW as Gold Institute for the year 2017.

Warangal city, is just 150 kms from State capital city, Hyderabad. The institute is located at 13 Kms and 20 Kms from Kazipet and Warangal railway stations respectively, on Warangal-Karimnagar highway.

ABOUT THE DEPARTMENT:

The Department of Information Technology was started in the year 1999, with an annual intake

of 60 students. Qualified, experienced and committed faculty members are an asset to the Department.

The **Department is accredited by NBA,** New Delhi and has well equipped laboratories to cater the needs of the students. It has the following laboratories.

- Information Laboratory
- Internet Laboratory
- Multimedia Laboratory
- Database and Data Mining Laboratory
- Network Simulation Laboratory

To expose the students to the current trends in the areas of Information Technology and allied ones, the Department conducts a National level student's Technical Symposium in every academic year and facilitates internships. To bridge the gap between institute and industry, Department organizes Guest lectures and Workshops periodically on industry related tools and techniques.

ABOUT THE SEMINAR:

There is rapid growth in the applications of wireless communications and wireless networks. This Seminar is intended to provide an opportunity for faculty from various Engineering colleges to get upgraded to the various advancements in wireless network domain.

TOPICS: Current issues, challenges, various algorithms and protocols in Wireless Networks. Introduction to QualNet, MATLAB and NS3 tools & their applications and Client-Server applications through Socket programming.

OBJECTIVES OF THE PROGRAM:

Participants are exposed to

- current challenges in wireless networks.
- various algorithms and protocols implemented in wireless domain
- networking programming with QualNet, MATLAB and NS3 tools
- socket programming for client and server applications

BENEFITS TO THE FACULTY:

- Hands on experience with QualNet, MATLAB and NS3 Tools
- Developing client-server applications using Socket programming
- Guiding meaningful projects to UG and PG students in this domain
- Application of the concepts in the research work

ELIGIBILITY: This programme is open to faculty members, research scholars and M.Tech. students of CSE, IT, MCA , ECE and EIE departments working in the field of wireless networks.

Pre-requisite: Basic knowledge of Computer Networks

REGISTRATION FEE:

Registration fee is Rs. 750/- and may be sent in the form of Demand Draft (DD) drawn in favour of "Seminar on Emerging Trends in Wireless Networks, KITS"

No TA/DA will be paid.

Maximum number of Participants is limited to 40.

Reference Material and Lab Manuals will be provided.

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

Email: serbseminarkitsw17@gmail.com

ACCOMMODATION:

Accommodation is available for limited members within the college premises on prior request & on payment basis (*first-come first- serve basis*)

IMPORTANT DATES:

Last date of receiving applications is on or before 16.05.2018

Notification of selected participants: **18.05.18**