

Registration

Registration Details:

Category	Registration fee
Industry / R&D Labs / Academic Participants	Rs. 2000/-
Regular Research Students	Rs. 1000/-

Registration fee is to be paid by DD in favour of

“Vasavi College of Engineering”

payable at Hyderabad.

Important Dates

Last date of receipt of application : 15.11.2017

Address for Correspondence

Co-ordinators

DR. K. DEERGHARAO
Professor

&

DR. K. JAYA SANKAR
Professor, Head & Principal

Department of ECE

VASAVI COLLEGE OF ENGINEERING

(Autonomous)

Ibrahimbagh, Hyderabad – 31.

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To

Three day Workshop

on

Recent Advances in Wireless Communications

on

23 - 25 November, 2017



Organized by

**Department of
Electronics and Communication Engineering**

Vision

Striving for a Symbiosis of Technological
Excellence and Human Values

Mission

To Inculcate a Spirit of Scientific Temper and Analytical
Thinking and Train the Students in Contemporary
Technologies in Electronics and Communication
Engineering to Meet the Needs of the Industry

VASAVI COLLEGE OF ENGINEERING

(Autonomous)

(Sponsored by Vasavi Academy of Education)
(Affiliated to Osmania University & Approved by A.I.C.T.E)
9-5-81, Ibrahimbagh, Hyderabad – 31. Telangana.

website: www.vce.ac.in

Main Topics

- ◆ Introduction to compressive Sensing and 5G Communication Channel Estimation.
- ◆ Role of sparsity in 5G Communications.
- ◆ 5G Channel Coding.
- ◆ Rate adaption challenges in 4G systems.
- ◆ Will 5G systems require rate adaption?
- ◆ Spectrum Sensing in Cognitive Radio.
- ◆ Security Issues in IoT.
- ◆ IoT - Research Challenges
- ◆ VLSI for Communications.

Objectives of the Workshop

The workshop is aimed to create awareness among engineers, scientists, academicians and students. The workshop is useful not only to the researchers in this field but also to those who want to refresh their knowledge in the area of wireless communications. It is hoped that the workshop will enable the participants to enrich their knowledge on sparsity and compressive sensing in 5G communications and familiarize themselves with latest trends in wireless communications. Also, attending this workshop will be helpful to people who would like to do research in the area of wireless communications.

Resource Persons

Dr. K. Giridhar

Professor, EE Dept., IIT, Madras

Dr. R. Chandra Murthy

Assoc. Professor, ECE Dept., IISc, Bengaluru

Dr. P.Rajalakshmi

Assoc. Professor, EE Dept., IIT, Hyderabad

Dr. Ashok Kumar Das

Asst. Professor, IIIT, Hyderabad

Dr. Sachin Chaudhari

Asst. Professor, IIIT, Hyderabad

Dr. K. Deergha Rao

**Professor, ECE Dept., VCE, Hyderabad
Former Director, NERTU, O.U., Hyderabad.**

About the Institution

Vasavi College of Engineering established in the year 1981 under the aegis of Vasavi Academy of Education, is affiliated to Osmania University, Hyderabad and is approved by AICTE. The college is currently offering 6 UG and 5 PG Programmes. All the programmes eligible for accreditation were accredited by the National Board of Accreditation. The college has well qualified and experienced faculty. The facilities in the campus include a central library, workshops, science and engineering laboratories, centralized computational facility and departmental computer centers. The high speed campus network connects all departments and full access is provided to the internet, through 30 Mbps leased line internet connectivity. Industry-Institution Interaction assumes special significance at Vasavi College of Engineering; in view of the particular emphasis it places on experiential learning and the avowed mission to expose the students to the emerging trends and contemporary technologies in the industry. The college has forged useful linkages with various corporate houses and other industries.

About the Department

ECE Department is one of the departments which are functioning since the establishment of Vasavi College of Engineering in the year 1981. Over the years department has been growing in strength both in terms of infrastructure and experienced faculty. There are 32 faculty members and 22 supporting staff. The department is equipped with 13 labs out of which four are advanced labs, a departmental library and classrooms with modern teaching aids. The laboratories include the Basic Circuits and Workshop Lab, Electronic Devices Lab, Analog Electronic Circuits Lab, Integrated Circuits Lab, Communication (Analog and Digital) Lab, Microwave Engineering Lab, Digital Signal Processing Lab, Microprocessor and Microcontrollers Lab. The advanced labs include VLSI Design Labs (one for UG equipped with Mentor Graphics Tools and the other for PG which is equipped with Cadence Tools), Advanced Data Communications & Computer Network Lab established under CISCO Local Academy Program, and Communication Systems Simulation Lab equipped with latest equipment. The under graduate program of the department has a sanctioned intake of 120. The department is also offering two PG programs with specializations in 'Embedded systems & VLSI Design' and 'Communication Engineering and Signal Processing' with an intake of 18. The department also has been undertaking sponsored research projects and consultancy.

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Ibrahimbagh – Hyderabad - 31

REGISTRATION FORM

Name: _____

Designation: _____

Educational Qualification: _____

Experience (No. of years): _____

Subjects taught: _____

Name of the Institution / Industry : _____

Address for Correspondence: _____

Tel. (M): _____ (O): _____

e-mail: _____

Place:

Date:

Signature of Applicant