

## CHIEF PATRONS

### **Prof. M. N. Navale**

Founder President, STES, Pune.

### **Dr. Mrs. Sunanda M. Navale**

Founder Secretary, STES, Pune.

### **Mr. Rohit M. Navale**

Vice President (HR), STES, Pune.

### **Mrs. Rachana Navale-Ashtekar**

Vice President (Admin), STES, Pune.

## PATRONS

### **Dr. A. V. Deshpande** (Principal, SKNCOE)

Campus Director, STES, Pune.

### **Dr. S. D. Lokhande** (Principal)

Sinhgad College of Engineering, Pune.

### **Dr. Y. P. Reddy** (Vice-Principal)

Sinhgad College of Engineering, Pune.

## CONVENER

### **Dr. M. B. Mali** (Head)

Department of Electronics & Telecommunication,  
Sinhgad College of Engineering, Pune.

## ORGANIZING COMMITTEE

Dr. S. R. Ganorkar

Dr. Mrs. S. S. Lokhande

Dr. Mrs. A. M. Deshmukh

Dr. V. V. Dixit

Prof. S. B. Mule

Prof. Mrs. V. G. Raut

Prof. Y. D. Chincholkar

Prof. Mrs. M. M. Wankhade

Prof. Ms. S. B. Patil

Prof. S. B. Takale

Prof. S. D. Mali

Prof. Mrs. S. A. Koti

Prof. Mrs. P. U. Bambel

Prof. D. G. Ganage

Prof. R. B. Dhumale

Prof. Mrs. S. D. Bardale

Prof. Ms. M. N. Namewar

Prof. P. M. Dahale

Prof. Ms. M. M. Sonkhaskar

Prof. Mrs. D. R. Wasnik

Prof. Ms. S. D. Pahade

Prof. S. V. Tathe

Prof. M. S. Kakade

Prof. Mrs. R. V. Bhagwat

Prof. Ms. A. P. Sakhare

Prof. V. G. Khetmalis

Prof. A. V. Bankar

Prof. R. R. Deshmukh

Prof. G. V. Madhikar

Prof. R. S. Gutte

Prof. A. A. Raut

Prof. V. K. Rajput

Prof. Mrs. A. V. Pasalkar

## ABOUT THE INSTITUTE

Sinhgad Technical Education Society was established in the year 1993 under the able guidance of Prof. M. N. Navale with the aim of imparting quality education in the field of Engineering, Management, Pharmacy, Medical, Physiotherapy, Nursing, Architecture, Hotel Management and School Education. At present, Sinhgad Technical Education Society spreads over 13 campuses, having 110 institutes.

STES's Sinhgad College of Engineering, Pune (SCOE) established in 1996, has become synonymous with quality engineering education. Presently SCOE offers courses in E&TC, Computer, IT, Mechanical, Chemical, Civil, Biotechnology and Production engineering. These courses are approved by All India Council of Technical Education (AICTE), affiliated to Savitribai Phule Pune University. Almost all above courses are accredited by National Board of Accreditation (NBA), New Delhi. The institute conducts 14 post graduate and Ph. D. research center for 4 engineering disciplines.

## ABOUT THE DEPARTMENT

Department of Electronics and Telecommunication has one undergraduate course and four post graduate programs. It is accredited for 3 years in 2004 and for 5 years in 2007. The Department has one PG course in Electronics with specialization in Digital Systems and three PG courses in Electronics and Telecommunication with specializations in Communication Networks, Signal Processing and VLSI & Embedded Systems. The department also has a research center affiliated to SPPU. Liaison with prominent industries like ACTEL INC. (USA), Texas Instruments, KPIT, PSPL, Infosys, Intel, Nicrome, ARM STMicroelectronics etc., has enabled the department to keep pace with technology.

## ABOUT THE PROGRAMME

The main objective of the training program is to provide a platform to the researchers from academia, industrial personnel and R & D organizations. This event will give a broader view of future wireless communication systems.

## FACULTY DEVELOPMENT PROGRAM

ON

# Advances in Wireless and Mobile Technologies

Organized by



Sinhgad Institutes

Department of Electronics and  
Telecommunication,  
Sinhgad College of Engineering  
and

**Tektronix**

**KEITHLEY**  
A Tektronix Company

ON

Jun. 07-11, 2016

Coordinator:

Dr. Rameshwar S. Kawitkar

## VENUE

Department of Electronics and  
Telecommunication Engineering,  
STES's  
Sinhgad College of Engineering,

**Survey No. 44/1, Off Sinhgad Road,  
Vadgaon (Bk), Pune-411041, Maharashtra, India  
Ph. Off.: 020-24355038/373 Ext. 303.**

## PPT SESSION

- Embedded Debugging, Digital RF
- Wireless Information Networks and Architectures
- Hardware and Systems: MEMS, Swarm Sensors
- Integration of Wired and Wireless Network
- Sensor Network and Challenges
- Wireless Applications
- Ad Hoc Networks
- Node Placement and Topology Control Issues
- Autonomous Mobile Sensor Networks

## HANDS-ON SESSION

- Advance Embedded Design and Debugging
- Basics of RF Wireless: Fundamentals and learn to make basic spectrum measurements, spurious measurements, channel power and ACPR, modulation and AM/FM measurements.
- WLAN Basics: Wi-Fi 802.11 fundamentals and learn 802.11 Physical layer packet formats, 802.11 Transmitter measurements at WLAN system (network) operation
- Digital RF: Learn RF measurement (QPSK, OFDM, etc.)
- IoT-Internet of Things: Learn about developments and research test tools.

## REGISTRATION FEE

Academy Delegates: Rs. 3000/-  
Scholars/Students: Rs. 2500/-

The completed application form in the prescribed format must reach along with registration fee on or before May 25, 2016.

### **Accommodation:**

Accommodation will be provided on campus based on request in advance from participant and availability of seats.

## KEY NOTE ADDRESSES

### **Dr. M. Chandrashekar Swami**

Senior Manager, Bharat Dynamics Ltd.,  
Hyderabad.

### **Mr. Sanjay Mishra**

Head- Global Development Center  
Toshiba-Landis + Gyr Ltd., New Delhi.

## RESOURCE FACULTY

- **Dr. Prakash D. Vyavahare**  
Professor & Head, SGSITS, Indore.
- **Dr. C. G. Dethé**  
Director, Academic Staff College, RTMNU,  
Nagpur.
- **Dr. T. V. S. Arun Murthy**  
Principal, NETC, Telangana, Hyderabad.
- **Dr. Santosh K. Narayankhedkar**  
Principal, MGM CET, Kamothe, Navi Mumbai.
- **Dr. N. P. Jawarkar**  
Professor & Head, BNCOE, Pusad.
- **Mr. Pratap Gawande**  
Tektronix (India) Private Ltd., Pune.
- **Dr. Abhaykumar Joshi**  
Application Engineer, Tektronix- Keithley, India.
- **Mr. Nikhil Mitaliya**  
Application Engineer, Tektronix- Keithley, India.

## ADDRESS FOR CORRESPONDANCE

- **Dr. Rameshwar S. Kawitkar (Coordinator)**  
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**Sinhgad College of Engineering  
and  
Tektronix – Keithley  
Organized  
Faculty Development Program  
On  
Advances in Wireless and Mobile  
Technologies  
Jun. 07-11, 2016**

## REGISTRATION FORM

Use Photocopy of this form, if needed.

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization/Institute: \_\_\_\_\_

Address for correspondence: \_\_\_\_\_  
\_\_\_\_\_

Contact Information:

Mobile No. \_\_\_\_\_

Email Id: \_\_\_\_\_

Please find enclosed Demand Draft drawn in the favor of 'SCOE E&TC Research Program', Payable at Pune.

DD No.: \_\_\_\_\_ Date: \_\_\_\_\_

Bank: \_\_\_\_\_ Branch: \_\_\_\_\_

Amount Rs.: \_\_\_\_\_ Place: \_\_\_\_\_

Signature of Applicant: