Target Participants

- Faculty members of Engineering Colleges / Universities
- Research scholars & PG students
- Industry personnel

Registration Details

The interested participants should register online at **tinyurl.com/wssp2016**

Enrollment will be strictly online. Confirmation of registration will be sent by email.

Registration fees to be paid through **NEFT** only

Rs. 1000/- for faculty members, research scholars and industry persons.

Rs. 500/- for P.G and U.G students

Bank: City Union Bank, Branch Code:117

IFSC: CIUB0000117

Account Number: 11700 10008 84762

Account Name: ECE Association

Registration fee includes

- Lunch and Refreshments
- Accommodation on request (First come first serve basis)
- No TA / DA will be provided

Patrons

Dr. T. R. Paarivendhar, Founder Chancellor
Mr. Ravi Pachamoothoo, Chairman
Dr. P. Sathyanarayanan, President
Dr. R. Shivakumar, Vice-President

Advisory Committee

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Dr. N. Sethuraman, Registrar
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Dr. D. Narayana Rao, Director (Research)
Dr. P. Thangaraju, Advisor, Faculty Development
Dr. T. Rama Rao, Professor & Head, ECE

Organizing Committee

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Mrs. A. JabadevaKrupa
Ms. R. Monika
Mrs. N. Veni

Co-ordinator

Dr. S. Dhanalakshmi, Asst. Prof. (Sr.G), ECE
Mobile: +91 9444886246 / 9442756209

Address for Communication

The Coordinator–WSSP'16,
Department of ECE,
Faculty of Engineering and Technology,
SRM University, Kattankulathur – 603 203.
Email: dhanalakshmi.s@ktr.srmuniv.ac.in

Important Dates

Last Date for Registration: **5th August, 2016**

Intimation of selection : **6th August, 2016**

Date of Workshop : **16-17th August, 2016**

IET Sponsored Workshop on
Speech Signal Processing
August 16-17, 2016

Organized by
Department of
Electronics and Communication Engineering
Faculty of Engineering & Technology
SRM UNIVERSITY
Kattankulathur – 603 203,
Kancheepuram District, Tamilnadu.
Phone : 044-27452270, 27453380.
Website: www.srmuniv.ac.in

In association with
IET The Institution of
Engineering and Technology
Chennai Network

About SRM University

SRM Institute of Science and Technology (SRM University) is one of the top ranking universities in India with over 48,000 students and 2,798 faculty members, offering a wide range of Undergraduate, Postgraduate and Doctoral Programs in Engineering, Management, Medicine & Health Sciences, and Science& Humanities. Over the last two and a half decades, SRM University has set standards in experiential education and knowledge creation across various fields. The institution has reached beyond borders to universities and corporate across India and around the World. There are 4 sprawling campuses in Chennai and one near New Delhi spread across 250 acres with all facility.

During January 2011, SRM University had conducted 98th Indian Science Congress inaugurated by then Prime Minister Dr. Manmohan Singh and 7,000 delegates from India and abroad, including six Nobel Laureates and several eminent scientists from across the world attended the conference. SRM University is the first private University in India to launch a nano-satellite, named SRMSAT, onto space, on board the PSLV-C18 from Sriharikota on October 12, 2011. SRM University is accredited by NAAC with 'A' Grade in the year 2013. B.Tech Electronics and Communication Engineering program of Kattankulathur Campus of SRM University is accredited by EAC of ABET. (www.abet.org)

About the Department

The Department of Electronics and Communication Engineering (ECE) was established in the year 1991-92 with an undergraduate program under the affiliation of University of Madras.

The Department offers one UG Program, three PG programs and Doctoral Program. The Department is housed with adequate number of spacious lecture rooms and has 18 well equipped and furnished laboratories. The department has ample resources in computing equipment, including personal computers running the full suite of Cadence, OrCAD, MATLAB, Network Simulation software and Optisystem.

The department has strong collaboration with industries such as Central Electronics Engineering Research Institute (CEERI), Nuvoton Technology Corporation, Taiwan and ALTERA. The Department has received funds from AICTE twice under MODROBS (Modernization and Removal of Obsolescence) scheme and one under the 'Career Award for Young Teacher (CAYT)' scheme. It has also received research grants worth Rs. 50 Lakhs from Department of Science and Technology (DST) under Funds for Improvement of Science and Technology (FIST), in the area of MIMO-OFDM. It includes ADS tools to support RF simulation and hardware development.

About the Workshop

The growth in information technology relies on the efficient processing of data collected which is of audio and video types. Speech is the fundamental human activity which is pervasive in communication systems. Speech signal processing is a challenging research area widely explored by industries as well as academia. With the advancements in mobile communication technologies, there is an increasing need for speech signal processing. It finds several applications such as speech and speaker recognition, speech enhancement, speech synthesis and speech coding.

This workshop aims to introduce the areas of speech signal processing. It will provide an opportunity for the participants to have an interactive session with the leading expertise and have hands on experience.

WSSP would be a startup for the budding researchers in the wide areas of speech processing.

Theme of the Workshop

The aim of this workshop is to provide a clear pathway to access the speech signal techniques available to researchers in India, so that more of our big ideas can be transformed into physical realizable systems. This workshop will provide an introductory overview of

- Nature of speech signal and basics of Speech Processing ,Speech production and analysis, Speech Enhancement, Speech and Speaker Recognition, Speech coding and speech Synthesis.

- **Practical** sessions guiding the attendees through the generation of synthetic speech and signal processing of speech signals using specific speech processing tools.

Resource Persons

Sessions will be handled by specialized and experienced faculty members from IIT's, Anna University, Reputed Institutions and experts from industries.

1. **Dr. S. Umesh**, Professor, IIT Madras
2. **Dr. K. Sri Rama Murty,** Assistant Professor, IIT Hyderabad
3. **Dr. P. Vijayalakshmi,** Professor, SSNCE
4. **Dr. Vinay Mittal,** Professor, IIIT, Sri City
5. **Dr. A. Shahina,** Professor, SSNCE

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