

## REGISTRATION FORM

Workshop on Current Trends in Signal Processing

26<sup>th</sup> and 27<sup>th</sup> August 2011

Name:.....

Designation:.....

Dept:.....

Institution/Organization:.....

Address:.....

Phone:.....

Fax:.....

Mobile No:.....

E-Mail ID:.....

Amount (Rs):.....

DD No:.....

Dated:.....

(DD drawn in favor of "Principal, SBMJCE" payable at Kanakapura)

Is hostel accommodation required?

Yes  No

Signature

Signature & Seal of  
Head of the Institution /  
Organization

Date:.....

### CHIEF PATRON

Sri. R Chenraj Jain, President, Jain University

### PATRONS

Dr. C G Krishnadas Nair, Chancellor, Jain University  
Dr. N Sundararajan, Vice-Chancellor, Jain University

### ADVISORY COMMITTEE

Dr. N. G. R Iyengar, Director, IIAEM, Jain University  
Dr. Y Vijaya Kumar, Director, School of Engineering and Technology  
Prof. A.Vasudev Murthy, Department of Electronics & Communication Engineering, School of Engineering and Technology

### CONVENER

Prof. Anandthirtha B Gudi, Head, Electronics & Communication Engineering

### CO-ORDINATORS

Prof. Suresh D, Electronics & Communication Engineering  
Prof. Dattathreya G, Electronics & Communication Engineering

### ORGANIZING COMMITTEE

Department of Electronics & Communication Engineering  
Prof. Satish Shet  
Prof. Shreedhar HK  
Prof. Dushyanth ND  
Prof. Srinivas KS  
Prof. Venkatesh Kumar N

### ACCOMMODATION

Accommodation can be arranged in the Jain Global Campus. Participants interested in accommodation have to send the requisition along with registration by ticking (✓)

## TWO DAY NATIONAL WORKSHOP ON CURRENT TRENDS IN SIGNAL PROCESSING

26<sup>th</sup> & 27<sup>th</sup> August 2011



## ABOUT JAIN UNIVERSITY

Jain University is declared as deemed to be university u/s 3 of UGC Act 1956. It is a member of JGI group which has nearly two decades of experience in the field of education. The University offers Undergraduate, Postgraduate and Doctoral Programs in a large number of fields of study.

Sri Bhagawan Mahaveer Jain College of Engineering started in the year 2005 as a constituent college of VTU has grown enormously and transformed into the School of Engineering and Technology under Jain University (SET).

The school conducts Undergraduate programs in Civil, Mechanical, Electrical, Electronics, Computer Science, Information Science and Aerospace Engineering.

The school also conducts M. Tech programs in Electronics, Computer Science and Mechanical Engineering. Doctoral Programs are offered in Computer Science, Mechanical Engineering, Civil Engineering, Electrical and Electronics Engineering.

## ABOUT ECE DEPARTMENT

The Department of Electronics & Communication Engineering is started in the year 2005. The department is continually striving hard to enhance the academic excellence and research initiatives in the current electronics and communication sphere. In the year 2007 VTU approved the department as an R&D centre for Research programs leading to M.Sc Engg and PhD. The Department has highly qualified and dedicated teaching faculty in various areas such as VLSI, Signal Processing, Embedded Systems and Communication. In the year 2009 SBMJCE was affiliated to JAIN University. The Department offers BE, M. Tech in Signal Processing & VLSI and PhD programmes. Research focus of the department is on signal processing.

## REGISTRATION FEE PER PARTICIPANT

Corporate.....	Rs.1000/-
Academic, R&D Labs & Govt. organizations.....	Rs.500/-
Students.....	Rs.300/-

Registration fee includes delegate's fee, Tea/Coffee, Working lunch & lecture material. The registration form duly signed by the Head of the Institution/Organization along with the DD drawn in favour of Principal, SBMJCE should reach us on or before 24 -08-2011 by post or email: [eceworkshop2011@yahoo.com](mailto:eceworkshop2011@yahoo.com)

Following eminent personalities associated with the theme of the workshop are expected to deliver lectures in the workshop.

1. Mr. Shailesh Ramamurthy, Principal Staff, Motorola Mobility India Private Limited, Bangalore.
2. Dr. T V Ramamurthy, Prof., Dept. of ECE, Cambridge College of Engineering, Bangalore
3. Dr. Jharna Majumdar, EX-Scientist, DRDO, and Dean R & D, NMIT, Bangalore.
4. Dr. Narayana Dutt, Professor, Dept. of ECE, IISc Bangalore.
5. Dr. G.N Rathna, Principal Research Scientist, Dept. of Electrical Engineering, IISc, Bangalore.
6. Dr. Sujatha, Senior Consultant, Wipro, Bangalore.
7. Mr. Balaji, Research Scholar, Dept. of Electrical Engineering, IISc Bangalore.

## ABOUT THIS WORKSHOP

Signal processing technologies and techniques are ubiquitous in every engineering applications. Over the years, the scope of DSP techniques has expanded from purely computer simulations of problems in the fields of controls, radar, medical and speech to the ones not only required in every field but also feasible in real time. To cope up with this, persons with technical knowledge and skill sets are required.

The importance of Signal processing is evident from the fact that the knowledge/skill development in this field has grown to be the most sought after. Due to this, number of well-attended conferences and workshops has been conducted. This trend is expected to grow exponentially as observed from the rate at which technologies emerge in the fields of digital computing and software-hardware development.

As DSP applications imbue into various areas, it becomes increasingly important for practicing engineers and students to master not only the theoretical aspects but also the skill of implementation of DSP.

The two-day workshop will provide a radically distinct opportunity to acquire information on theoretical and practical aspects and designed to cater for a broad audience and addresses the multi-dimensional aspects of signal processing, spanning.

- Signal Processing Algorithms with Applications to Wireless Communications
- Embedded DSP
- Abnormality detection in ECG and EEG signals
- Processing of Bio-medical Signals using Non-linear Dynamical Techniques.
- Signal Processing for Automatic Speech Recognition, state of the art.
- Music Signal Processing
- Iterative Image Restoration Algorithms
- Content Based Image Retrieval

With facilitators identified from the top-notch institutions/ organizations engaged in the latest developments in the field, the event will provide great opportunity to learn the State of the Art, in signal processing techniques from them.

*The Jain University acknowledges an awesome support by Sitech Electronics, Bangalore; Pragna Microdesigns, Bangalore and Technilab Instrument, Bangalore, for this two days workshop.*