

## NCVESCOM'10: National Conference on VLSI, Embedded Systems, Signal Processing and Communication Technologies at AVIT



The Dept. of ECE, Aarupadai Veedu Institute of Technology (AVIT), Vinayaka Missions University organised the third National Conference on VLSI, Embedded Systems, Signal Processing and Communication Technologies (NCVESCOM'10) during April 2<sup>nd</sup> to 3<sup>rd</sup>, 2010 at AVIT, Chennai. The conference was co-sponsored by

- IEEE Madras Section
- IEEE Communication Society, Madras Chapter
- IEEE Computer Society, Madras Chapter
- Council of Scientific & Industrial research
- Tamil Nadu State Council for Science & Technology
- Broadcast Engineering society (India)
- IETE Madras Chapter
- Computer Society of India, Div II (Software) & Div IV (Communications)

The conf. attracted over 180 papers and after a review process, 60 Research papers were selected for presentation at the Conference under the themes of VLSI, Embedded Systems, Signal Processing and Communication Technologies.

At the inauguration on 2<sup>nd</sup> Apr, 2010, Prof. D. Vijendra Babu, Head of the Dept. of ECE and co-chair of the conference welcomed the gathering. Prof. R. Vijaya Arjunan of the Dept. of ECE and the organizing secretary of the conference briefed about the conference. Dr. N. R. Alamelu, Principal and Chairperson of the Conference delivered the Presidential address.

Dr. P. Swaminathan, Head, Electronics and Instrumentation Division, Indira Gandhi Centre for Atomic Research, Kalpakkam was the chief guest of the conference. After the formal inauguration of the conference, in his keynote address, Dr. Swaminathan highlighted the importance of the signal processing and communications in managing the operations of the nuclear reactor installations. He added that IGCAR and other nuclear establishments attract qualified engineers from all the branches of engineering for a bright career as the country is going in for nuclear power generation in a large scale.

Shri. R. Vidyasagar, Chief Engineer, All India Radio & Doordarshan, South Zone was the Guest of Honor and while delivering his special address he recalled the tremendous developments that had taken place in the broadcasting industry and the role of various technologies.

Shri. H. R. Mohan, Chairman IEEE Computer Society, Madras Chapter, Chairman Div IV of CSI and Associate Vice President (Systems), The Hindu released the conference proceedings both in Print and Electronic form. In his address, Shri Mohan after highlighting the rapid developments in the areas of the conf. interest and their impact on the society, emphasized the need for such conferences where in researchers could share their experiences with the world.

Prof. P. Subramanian, Dept. of ECE and programme coordinator of the conference proposed the formal vote of thanks

This two days conference apart from the paper presentations in four tracks had the following invited talks which were appreciated by the participants numbering around 200 comprising of industry professionals, academic faculty, researchers and students.

1. "Sensor Networks" by Dr. P. Swaminathan, Head, Electronics and Instrumentation Division, IGCAR, Kalpakkam.
2. "Speech & Image Processing - An Overview" by Dr. P. Jaganathan, Deputy Registrar (Education), Vinayaka Missions University.
3. "Entropy and its Applications" by Dr. K. Gunavathi, Professor, PSG College of Technology, Coimbatore.

The authors of the Best Paper in each track were awarded with a cash prize of Rs.1000 and merit certificate.

For copies of the conference proceedings, pl. contact Prof. D. Vijendra Babu at [dvijendrababu@gmail.com](mailto:dvijendrababu@gmail.com)