

NCVESCO-11: 4th National Conference on VLSI, Embedded Systems, Signal Processing and Communication Technologies at AVIT



The Department of ECE, Aarupadai Veedu Institute of Technology, Vinayaka Missions University organized the 4th National Conference on VLSI, Embedded Systems, Signal Processing and Communication Technologies (NCVESCO'11) during April 7th to 8th, 2011 at AVIT, Chennai. The Conference was co-sponsored by

- IEEE Madras Section
- IEEE Communication Society, Madras Chapter
- IEEE Computer Society, Madras Chapter
- Computer Society of India, Div. IV (Communications)
- Board of Research in Nuclear Sciences, Department of Atomic Energy, Mumbai
- Council of Scientific & Industrial Research, New Delhi
- IETE Chennai Centre
- Broadcast Engineering Society (India)

At the inauguration on 7th April, 2011, Prof. R. Kalavathy, Vice Principal welcomed the gathering. Prof. D. Vijendra Babu, HOD of ECE, Conference Co-chair briefed about the Conference. He said, the conference attracted over 420 papers and after a review process 145 has been short listed and 75 papers were orally presented during the conference. The proceeding was published by a leading publisher with ISBN number.

Dr. N. R. Alamelu, Principal and Chairperson of the Conference delivered the presidential address. Dr. P. Hanumantha Rao, Senior Scientist, SAMEER, Chennai was the chief guest at the conference and released the conference proceedings. Dr. Hanumantha Rao, in his keynote address on the topic "Advanced Technologies for Future RF Design" highlighted the importance of advanced technologies in core and research areas. Prof. P. Subramanian, Organising Secretary, Dept. of ECE proposed the 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. The Invited talk sessions covered wide range of topics in the field of Antenna, RF Design, Image Processing & LabVIEW.

The following are the Invited talk lectures delivered during the conference.

1. Advanced Technologies for Future RF Design by Dr. P. Hanumantha Rao, Senior Scientist, SAMEER, Chennai
2. Image to Vision by Dr. S. Mohamed Mansoor Roomi, Associate Professor, ECE Department, Thiagarajar College of Engineering, Madurai
3. Texture Analysis by Dr. A. Suruliandi, Associate Professor, Manonmaniam Sundaranar University, Tirunelveli
4. Industry Demand for Advanced Antenna Technology by Sri. B. Ganesh, Engineering Manager, Amphenol, Antenna Solutions, Chennai
5. RF and Wireless Communication Design and Test using LabVIEW& PXI by Sri. J. Visweswaran, Academic Technical Consultant, National Instruments, Bangalore

The authors of the Best Paper in each track were awarded with merit certificate.

Report by: Prof. D.Vijendra Babu, HOD/ ECE,,AVIT