

International Conference on Emerging Trends in Networks and Computer Communications (ETNCC2011)

Report by: Dr. Dharm Singh, Honorary Secretary, Udaipur and Convener SIG WNs



Inaugural Session: (L to R: Dr. Dharm Singh, Dr. RC Purohit, Dr. VR Singh, Er. G.Prabhakar, Dr. Sorel Reisman, Er. RP Gupta, Sh. Satish Babu, Major General (Retd) R K Sanan, VSM, Dr. YC Bhatt

A three days International Conference on Emerging Trends in Networks and Computer Communications (ETNCC2011) was organized by The Institution of Engineers (India), Udaipur Local Centre under the aegis of Computer Engineering Division Board IEI and supported by WFEO, Division IV and Udaipur Chapter, CSI, SIG-WNs & e-Agriculture-CSI, College of Technology & Engineering (CTAE), Udaipur, Techno India NJR Institute of Technology, Udaipur and has been Co-Sponsored by IEEE Delhi Section during 22-24 April, 2011 at the CTAE Udaipur, India.

Inaugural Session

Dr. Sorel Reisman President of the IEEE Computer Society, MD of the international, higher education consortium MERLOT.ORG, at California State University Fullerton, inaugurated the event and highlighted on Advancing Professional Educational Opportunities. Er. G.Prabhakar, President, The IE(I), congratulated the organizers and expressed his satisfaction over the excellent conduct of the conference. Special Guest Mr. RP Gupta spoke that Computer and Communications networks are key infrastructures of the information society with high socio-economic value as they contribute to the correct operations of many critical services.

GoR Honour Mr. Satish Babu President-elect, CSI expressed his views about the importance of this conference and said that the deliberations of the conference will yield valuable recommendations and will help in mutual sharing of knowledge, expertise & experience amongst the experts. Dr. V.R.Singh, Chair- IEEE Delhi Section, Guest of Honor told house that the conference has attracted a large number of participants from all over the world. Major General (Retd) R K Sanan, VSM, said that technological advancement is needed in the country and networks and computer communication thanks a lot.

The Organizing Secretary Dr. Dharm Singh presented the three day's conference report and recommendations and informed the house, in all the three days a total of 17 sessions including inaugural sessions have been organized. Almost 511 papers from across the globe were received for the conference out of which 157 papers were accepted for publication and presentation. 130 papers were presented in various technical session of the seminar.

Communication Technologies and Applications

In the evening inaugural ceremony of two days International Workshop on Advanced Communication Technologies and Applications (IW-AWCTA) organised in conjunction with ETNCC-2011. Mr. Anil Srivastava, IAS, Region-III Vice President, CSI, Principal Secretary, Govt. of MP told the participants that deliberation of the workshop and conference will yield valuable recommendations and will help in mutual sharing of knowledge, expertise & experience amongst the experts.

Valedictory Session



24th April 2011, the closing ceremony of International Conference began at 1pm in CTAE campus. Chief Guest S.S. Chahal- Vice chancellor of MPUAT, Prof. Sorel Reisman, Sanjay Singhal-GoR, MD, Secure Meters Ltd., Dr. R.C. Purohit- Dean CTAE, Er. R.S. Vyas, Director of TINJR, Dr. Dharm Singh, Dr. S.S. Rathore, and Y.C. Bhatt were on the dais.

Dr. S.S. Chahal said that all the participants showed tremendous response. Sharing ideas and sharing each other's expertise is the real aim of such conferences. Mr. Sanjaya Singhal, MD Secure Meters Ltd., presented his views saying, "Engineers have a bigger role in society than just being inventors. Er. R.S. Vyas expressed his views saying that he would like to see Udaipur as a leading education hub.

Recommendations:

1. Smart metering, home automation technologies and ICT solutions will be adopted for increasing efficiency, loss reduction, reduce energy theft and for efficient data collection for better energy accounting in the electrical sector.
2. Make use of social network and wireless networks technology for enhancing the connectivity between farming community.
3. For better bandwidth management swarm intelligence techniques may be used.
4. Active identification of malware to reduce attacks on data and privacy of the citizens.
5. More research can be funded on active identification of malware to reduce attacks on data and privacy of the citizens.
6. Development of inter-operable standards for heterogeneous networks.
7. There are several network types and protocols used in the vehicles by various manufactures and need to standardize the protocols.