

National Education Society (R.)



Jawaharlal Nehru National College of Engineering, Shivamogga

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IETE National Conference on RF and Wireless 2013

ICon RFW - 13



Under the auspices of IETE Shimoga Sub Centre, IETE Bangalore Centre and Jawaharlal Nehru National College of Engineering, Shimoga a Three day National Conference on RF and Wireless 2013 (IConRFW-13) was organized during 9th to 11th May 2013. The conference was inaugurated by Dr. Surendra Pal, President, IETE, New Delhi and former Senior Advisor Satellite Navigation on 09.05.2013 at 9.00 AM in the MBA/ MCA Auditorium of JNNCE. He also delivered a keynote address on “Perspective in Communication – Indian Space Paradigm (Present, Future Technological Trends & Issues)”. Sri. S. V. Thimmaiah, Secretary NES was the Guest of Honour, Dr. M. Basavaraj, Vice-President, IETE, Dr. M. H. Kori, IETE GC Member, Wg. Cdr. H. Parthasarathy, and Prof. H. S. Bhatia, Office bearers of IETE Bangalore were present during the function, Dr. R. Srinivasa Rao Kunte, Principal, JNNCE and IPC, Shimoga Sub Centre presided over the function.

Inaugural function was followed by paper presentation sessions. The post lunch session began with an invited talk by Dr. M. H. Kori, GC Member, IETE, New Delhi & Consultant, Validus Technologies, USA on “Advances in Wireless and Mobile Communication”, this was followed by paper presentation session.

Second day (10.05.2013) of the conference began with an invited talk by Mr. Manjunath, Head of India Networks, Nokia Siemens Networks delivered a talk on “Evolution of Microwave Radio”. He gave a very lucid presentation on this topic right from the analog microwave communication to the E-Radio communication and E-LAN which are the state-of-the-art technologies under development. This lecture was highly informative which was well received by all the participants. This was followed by a paper presentation session.

In the post lunch session Prof. V. Mahadevan, Group Director, ISRO (Rtd.), Prof., PESIT, B’lore delivered a lecture on “Challenges in the design of Antenna for Satellites” based on his vast experience in the design of the Antennas for the satellites. This was followed by a paper presentation session. In total about 25 papers were presented by the faculty members, research scholars, PG and UG students from various colleges throughout Karnataka. The session chairs of the paper presentation session expressed their happiness over the quality of the papers and the work done by the students.

Third day (11.05.2013) of the conference was dedicated to the tutorial sessions which were sponsored by International Society of Microwaves (ISM), Bangalore. In the morning session the tutorial was conducted by Prof. V. Mahadevan, Group Director, ISRO (Rtd.), Prof., PESIT, B’lore on the topic “Antenna System in Satellites”. In the after noon Mr. Prakash R., Technical Expert, Head – Marketing (B’lore) & IPR, CDOT conducted the tutorial session on “Recent advances in Communication and Networking”

In total the whole conference comprised of one Key note address, three invited talks from experts from industries, six paper presentation sessions and four tutorial sessions.

About 100 participants from various engineering colleges throughout Karnataka participated in this conference. About 50 IETE Corporate members of IETE Shimoga Sub Centre, M.Tech. students of DE&CS, CSE and NIE of JNNCE participated in this three day deliberations and got benefited out of this.