



ICEMC² 2010

Fifth Innovative Conference on Embedded Systems, Mobile Communication and Computing,

Web <http://www.pes.edu/mcnc/icemc2/>

**26th-28th July 2010, PES Institute of Medical Sciences and Research(PESIMSR),
Kuppam, (100KM from Bangalore), India**



**Theme: *Innovative Application of Embedded Systems, Mobile Communication and Computing for
Medical Equipments and Health Informatics.***

Embedded Systems and Mobile Communication have revolutionized the electronics and IT industry. The scope for application of embedded systems is ever-widening, encompassing almost every activity of the life today. The current day scenario of consumer electronics is dominated by Mobile Phones, PDAs, and many handheld devices. The emergence of such wireless networks as WiFi, Bluetooth, UWB, WiMAX etc and the 3G, CDMA mobile standards have ushered in a new era in communication and computing. The integration of features such as multimedia, security, pedometry, and navigation support makes advanced power management techniques an imperative. Also, recent trends in Mobile Platforms, Near Field Communication (NFC) and Long Term Evolution (LTE) towards 4G pose new challenges for both embedded technology and mobile communication.

Embedded Systems engineers are in high demand and coupled with the expertise in mobile communication and computing, the need of such engineers is ever increasing in the research areas and development, manufacturing and service sectors.

The ICEMC² 2010 is a premier conference which is being organized from 26th -28th July 2010 at PES Institute of Medical Sciences and Research, Kuppam, Andhra Pradesh. It will bring together professionals, academics, industry experts, students, enthusiasts to discuss various emerging trends, innovation, share research results and new directions in the field of Embedded systems, Mobile Communication and Computing. The conference will have key note lectures from experts, Tutorial presentations, Research paper presentations, Cultural program, Panel Discussion, Inaugural Function, Banquet dinner, Valedictory function. The proceedings of ICEMC2 2010 will be published in book form by Macmillan India Ltd under their Macmillan Advanced Research Series

ICEMC² 2010



The ICEMC² series of annual conferences have evolved over a period of 7 years. The conference series has achieved reputation for high quality based on the mature practices followed by the organizers. The conferences have enjoyed international participation from various parts of the world such as Australia, Canada, Europe, Japan, South Africa, UK, USA and sponsorship from Global MNCs and professional organizations. Here is a list of previous conferences in this series:

- **WCLC 2004:** First World Congress on Lateral Computing, 18th December 2004, Indian Institute of Science (IISc), Bangalore India.
- **WCLC 2005:** Second World Congress on Lateral Computing, 16th-18th December 2005, PESIT, Bangalore India.
- **ICEMC² 2006:** First International Conference on Embedded Systems, Mobile Communication and Computing, 4th -5th August 2006, PESIT, Bangalore India.
- **ICEMC² 2007:** Second International Conference on Embedded Systems, Mobile Communication and Computing, 3rd -5th August 2007, PESIT, Bangalore, India.
- **ICEMC² 2008:** Third International Conference on Embedded Systems, Mobile Communication and Computing, 11-14 August 2008, Infosys, Mysore, India.
- **ICEMC² 2009:** Fourth Innovative Conference on Embedded Systems, Mobile Communication and Computing, 27-29, July 2009, PESSE, Bangalore, India.

Previous ICEMC² sponsors include Indian Space Research Organization (ISRO), Ministry of Communication and Information Technology(MCIT), Defence Research Development Organization (DRDO), Microsoft India, Global Edge, Wiley India, Cranes Software, Philips.

Main topics for discussion and paper presentation at ICEMC² 2010:

- Medical Equipment Electronics and Embedded system
- Health Informatics, Robotics Surgery, Telemedicine
- Ad-Hoc Networks
- Cellular Systems and Handover
- Cryptography and Network Security
- DSP and Multimedia
- Networking
- Phy, MAC, OFDM and RFID
- Robotics and Soft Computing
- Sensor Networks and SDR
- Systems on Chip
- Web 2.0/WiFi/WiMAX

Important Information	
Paper Submission:	March 1 st , 2010
Acceptance Notification	April 30, 2010
Final Paper Due	May 15 th , 2010
Conference Website	http://www.pes.edu/mcnc/icemc2/
Contact Email	Icemc2@pes.edu, suthikshn.kumar@pes.edu
MCNC Website	http://www.pes.edu/mcnc/
CMT Website (for Paper submission)	https://cmt.research.microsoft.com/ICEMC22010/
PESSE Website	http://www.pes.edu/

Organized by: Mobile Communication and Networking Center of Excellence (MCNC),

PES Institute of Technology

