

**2<sup>ND</sup> INTERNATIONAL CONFERENCE ON MEDICAL ELECTRONICS**  
**February 19<sup>th</sup> – 20<sup>th</sup>, 2009, FEDERATION HOUSE, NEW DELHI**

**Day-I, Thursday, 19<sup>th</sup> February 2009, Tentative Programme**

930 -1000 hrs	<b>Registration - Delegates are requested to be seated by 10.00 am</b>
1000 – 1035 hrs	<b>Inaugural Session – Commission Hall, 3<sup>rd</sup> Floor</b>
<p><b>Opening Remarks</b></p> <ul style="list-style-type: none"> <li>▪ Mr Onkar S Kanwar, CMD Apollo Tyres Ltd and Past President FICCI</li> </ul> <p><b>Knowledge perspective on way forward</b></p> <ul style="list-style-type: none"> <li>▪ Mr. V Raja, President and CEO, South Asia, GE Health Care and Chairman, FICCI Medical Electronics Forum (MEF)</li> </ul> <p><b>Inaugural Address</b></p> <ul style="list-style-type: none"> <li>▪ Mr. Kapil Sibal, Hon’ble Minister for Science &amp; Technology and Earth Sciences, Government of India</li> </ul> <p><b>Vote of Thanks</b></p> <ul style="list-style-type: none"> <li>▪ Mr. Anjan Bose Senior Director and Business Head, Philips Healthcare, Philips Electronics India Limited and Immediate Past Chairman, FICCI Medical Electronics Forum (MEF)</li> </ul>	
1035 – 1100 hrs	<b>Exhibition Inauguration at FICCI Auditorium Lawns &amp; Rounds of the Stalls Tea Break</b>
1100 – 1230 hrs	<b>Plenary Session - Commission Hall, 3<sup>rd</sup> Floor</b>
<p><b>Plenary Address</b> – Dr. T Ramasami, Secretary, Department of Science &amp; Technology (DST), Ministry of Science and Technology, Government of India</p> <p><i>Chair</i> - Dr. T Ramasami, Secretary, DST</p> <p><b>Creating Adequate Technology Infrastructure:</b> Comprehensive Testing Calibration and Validation Mechanism, VC fund support covering Technology Development, Prototype validation, to Final Production</p> <ul style="list-style-type: none"> <li>♦ Mr. Sham Banerjee, Director Corporate Business, Texas Instruments</li> </ul> <p><b>Enabling the Technology Environment and Tech Demand:</b> Soft Loan in Medical Emergency, Increased Insurance converge, encompassing all age groups, Awareness of Life style diseases heralding more serious medical intervention, requiring tech development Technology Solutions in Emergency Care</p> <ul style="list-style-type: none"> <li>♦ Mr. A. Vaidheesh, Managing Director, Johnson and Johnson Medical India</li> </ul> <p><b>Addressing Technology Change:</b> Managing Breakthroughs, Pricing, Technology Adaptation, Advancements Improving <b>Quality</b>, Affordability and Scope</p> <ul style="list-style-type: none"> <li>♦ Prof Dr A K Mahapatra, Director, SGPGI, Lucknow</li> <li>♦ Mr. V Raja, President and CEO, GE Healthcare South Asia</li> <li>♦ Ms. Jyoti Bhat, Advisor, DSIR, Ministry of Science and Technology, Govt of India</li> </ul> <p><b>Summary Remarks by – Session Chair</b></p>	

**Day-I, Thursday, 19<sup>th</sup> February 2009, Tentative Programme**

1230 – 1330 hrs	<b>Session – 1, Commission Hall, 3<sup>rd</sup> Floor</b>
<p><b>The Changing Dynamics &amp; Extending Technology Horizon</b>  <i>Chair:</i> Dr Manjit Singh, Distinguished Scientist, Associate Director Design, HOD Remote Handling &amp; Robotics, <i>BARC</i></p> <p><b>Digital Imaging and Monitoring: the new beginning and the potentials of future (Increased Affordability and Reach)</b></p> <ul style="list-style-type: none"> <li>♦ Prof Dr A Malhotra, HOD Nuclear Medicine, AIIMS</li> <li>♦ Dr Ashish Shah, Head Tech GE Healthcare</li> </ul> <p><b>The role of surgical Implants in joints, spine and post process monitoring, critical care (Reducing Hospitalization, Extending Operational &amp; Quality)</b></p> <ul style="list-style-type: none"> <li>♦ Dr Havind Tandon, Consultant Orthopedic Surgeon Apollo Hospital</li> </ul> <p><b>Technology solutions in Cerbrovascular today tomorrow, Alzheimer disease and Hypertension the new fatalities of stress</b></p> <ul style="list-style-type: none"> <li>♦ Dr Shakir Hussain, Honorary Consultant &amp; Chief of Services Stroke Neurology &amp; Interventional Neuroradiology, Gangaram Hospital</li> </ul>	
1330-1430 hrs	<b>Lunch at Exhibition Venue</b>
1430 – 1545 hrs	<b>Session –2, Commission Hall, 3<sup>rd</sup> Floor</b>
<p><b>Electronics in Cardiac Care - Today Tomorrow</b>  <i>Chair:</i> Prof (Dr). AK Mahapatra, Director, SGPGI Lucknow</p> <p><b>Cathlabs scenario: India, China, and the World</b> - Dr Sreekanth Raghavan, Director, Pediatric Cardiac Services, Manipal Hospital</p> <p><b>Electronic External, Internal devices, improving quality of life</b> - Dr Anil Saxena, Associate Director, Dept of Electrophysiology, Escorts Hospital</p> <p><b>Managing Cardiac Arrhythmias, Need for Radio Pharmacy</b></p> <ul style="list-style-type: none"> <li>▪ Dr Sreekanth Raghavan, Director, Pediatric Cardiac Services, Manipal Hospital</li> <li>▪ Prof Dr A Malhotra, HOD Nuclear Medicine, AIIMS</li> </ul> <p><b>Misinterpreting Electrocardiograms &amp; Cardiac Catheterization</b> - Prof R Juneja, Addl. Professor, Cardiology, AIIMS</p>	
1545-1600 hrs	<b>Tea Break</b>

**Day-I, Thursday, 19<sup>th</sup> February 2009, Tentative Programme**

<p>1600 – 1700 hrs</p> <p><b>Session 3 – Conference Room, 2<sup>nd</sup> Floor</b></p> <p><b>Telemedicine and EMR, Remote Connectivity</b></p> <p><i>Chair:</i> Dr B S Bedi, Advisor Media Labs (DIT), Govt of India</p> <p><b>Tele Imaging: Facilitating quality, affordability, scope modern day IT telecomm, Sensor Technologies, Remote patient Monitoring Extending scope, quality, affordability and reach</b></p> <ul style="list-style-type: none"> <li>▪ Prof Dr S.K Mishra, HOD Endocrine Surgery, SGPGI</li> <li>▪ Dr G D Jindal, Head, Biomedical Instrumentation (BARC)</li> <li>▪ Wg Cdr (Dr) R K Pathni, Project Officer, Command Hospital (Air Force)</li> <li>▪ Mr. Sham Banerjee, Director, Corporate Business Development, Texas Instruments</li> </ul>	<p>1600 – 1700 hrs</p> <p><b>Session 4 - Commission Hall, 3<sup>rd</sup> Floor</b></p> <p><b>Emerging Technology Trends</b></p> <p><i>Chair:</i> Dr Manjit Singh, Distinguished Scientist, Associate Director Design, HOD Remote Handling &amp; Robotics, BARC</p> <p><b>Robotics in Surgery</b></p> <ul style="list-style-type: none"> <li>▪ Prof Dr A Seth, Addl. Professor Urology, AIIMS</li> <li>▪ Dr D C Kar, Scientific Officer (G), Division of Remote Handling &amp; Robotics BARC</li> </ul> <p><b>New age technology in post process monitoring of Implants –</b></p> <ul style="list-style-type: none"> <li>▪ Dr. Balbir Singh, Senior Consultant Cardiology &amp; Electrophysiology, Apollo Hospital</li> </ul>
<p>1700 – 1800 hrs</p> <p><b>Session 5 – Conference Room, 2<sup>nd</sup> Floor</b></p> <p><b>Electronics for Advanced Bionics and Impact in rehabilitation</b></p> <p><i>Chair:</i> Dr B S Bedi, Advisor Media Labs (DIT), Govt of India</p> <p><b>Semiconductor in restoring vision, Motor movements</b></p> <ul style="list-style-type: none"> <li>▪ Ms Poornima Mohanachandran, Director, Medical Business Development Texas Instruments</li> </ul> <p><b>Bionic Solutions in Demo and discussion</b></p> <ul style="list-style-type: none"> <li>▪ Mr. Praveen K Dubey GM Business Development, Innovative Prosthetics &amp; Orthotics</li> </ul>	<p>1700 – 1800 hrs</p> <p><b>Session 6 - Commission Hall, 3<sup>rd</sup> Floor</b></p> <p><b>Impact of Advancements in Embedded Technology and IT Communication</b></p> <p><i>Chair:</i> Dr Manjit Singh, Distinguished Scientist, Associate Director Design, HOD Remote Handling &amp; Robotics, BARC</p> <p><b>Sensing, Monitoring and Ensuring Patient Safety</b></p> <ul style="list-style-type: none"> <li>▪ Dr S Anand, Head sales and Marketing, RMS</li> <li>▪ Mr. Amitabh Mendiratta, Director RMS &amp; APAC Head, Tensys</li> </ul> <p><b>Testing Calibration of Process control Techs in Manufacture</b></p> <ul style="list-style-type: none"> <li>▪ Mr. Ronald Kolb, GM, Systems India TUV OSEK vs VDX as RTOS Standard</li> <li>▪ Mr. Rajagopal C, Group Project Manager, HCL</li> </ul> <p><b>The Challenges of Speed and Capacity in Wireless Control of Implants –</b></p> <ul style="list-style-type: none"> <li>▪ Mr. K Chellappan, Technical Manager, WIPRO</li> </ul>

## Cocktail & Networking Dinner – 1800 – 2000 hrs

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#### Day-2: Friday, 20<sup>th</sup> February 2009 Tentative Programme

<b>930 – 1030 hrs</b>	<b>Session 7, Conference Room, 2<sup>nd</sup> Floor</b>
<b>Electronics Redefining Imaging/Diagnostic technologies &amp; advancements in Cancer treatment</b>	
<i>Chair</i> - Dr G D Jindal, Head, Biomedical Instrumentation Section BARC	
<b>Advanced MEMS in redefining Detection, Therapy, Prediction</b>	
<ul style="list-style-type: none"> <li>▪ Dr Harsh Mahajan, Medical &amp; Managing Director, Mahajan Imaging</li> <li>▪ Mr. A Murali, General Manager, Clinical Excellence, Philips Healthcare</li> </ul>	
<b>New age Radiation Therapy, Non-invasive Infrared imaging aiding detection of breast cancer -</b>	
<ul style="list-style-type: none"> <li>▪ Prof Dr K L Chakraborty, HOD, Radiology, INMAS</li> </ul>	
<b>1030 – 1045hrs</b>	<b>Tea Break &amp; Networking</b>
<b>1045 – 1200 hrs</b>	<b>Session 8 - Conference Room, 2<sup>nd</sup> Floor</b>
<b>Electronics in and for Rural / Urban Health Care</b>	
<i>Chair:</i> Dr U.P Phadke, Advisor and Group Coordinator, DIT, Govt of India	
<b>Modern Surgical Technologies: Laser surgery, Digital Solutions for treatment in retina detachment –</b>	
<ul style="list-style-type: none"> <li>▪ Prof Dr Pradeep Venkatesh Associate Professor, Ophthalmology, AIIMS</li> </ul>	
<b>Electronics in Endocrinology - Prof Dr S .K Mishra HOD, Endocrine Surgery, SGPGI</b>	
<b>Laparoscopic hand instrument: in reducing operating time and risks from instrument exchanges, complementary laparoscopic instrument set –</b>	
<ul style="list-style-type: none"> <li>▪ Prof Dr S.K Mishra, HOD, Endocrine Surgery SGPGI</li> </ul>	
<b>1200 -1330 hrs</b>	<b>Session 9 - Conference Room, 2<sup>nd</sup> Floor</b>
<b>Present day Electronics providing technology solutions</b>	
<i>Chair:</i> Prof Dr A Malhotra, HOD Nuclear Medicine, AIIMS	
<b>Neuro Cathlabs the catching reality----</b>	
<ul style="list-style-type: none"> <li>▪ Dr Shakir Hussain, Honorary Consultant &amp; Chief of Services, Stroke Neurology &amp; Interventional Neuroradiology, Gangaram Hospital</li> </ul>	
<b>Prediction Identifying disease in Neuro Science Cerebral Palsy –</b>	
<ul style="list-style-type: none"> <li>▪ Dr A Mukherjee, Sr.Consultant In Internal Medicine, Majeedia Hospital , Hamdard University, Director UDAAN</li> </ul>	
<b>Neuro imaging: Pathophysiology of Obsessive Compulsive Disorder (OCD)—</b>	
<ul style="list-style-type: none"> <li>▪ Dr A Mukherjee, Sr. Consultant In Internal Medicine Majeedia Hospital, Hamdard University, Director UDAAN</li> </ul>	
<b>fMRI and EEG in neuro psychopharmacology: Integration of concepts –</b>	
<ul style="list-style-type: none"> <li>▪ Prof Manjari Tripathi, Associate Professor, AIIMS</li> </ul>	
<b>1330 – 1445 hrs</b>	<b>Lunch at Exhibition</b>
<b>1445 - 1600</b>	<b>Session 10 - Conference Room, 2<sup>nd</sup> Floor</b>

**Impact of Electronics in Emergency and Critical Care**

*Chair:* Prof Dr K L Chakraborty, HOD, Radiology, INMAS

**Wearable External Medical Electronics: Technologies and Products Improving, Extending the quality of life, preventing sudden emergencies in view of EU, USA**

- Dr Sreekanth Raghavan, Director, Pediatric Cardiac Services, Manipal Hospital

**Portable Dialysis the solution for Kidney care today**

- Prof D Bhowmik , Associate Professor, Urology AIIMS

**System For Therapeutic Nerve Stimulation To Treat Urinary Incontinence (UI) And Overactive Bladder (OAB) –**

Brig (Dr) Tapan Sinha, Consultant Urologist, ARMY, R.R Hospital

**1600 – 1605 hrs**

**Thanks giving and concluding Remarks**