

SECTION	ENGINEERING SCIENCES
Sectional President	Prof. H.R. Vishwakarma , VIT University, Vellore
Sectional Local Secretary	Prof. A.K. Sen , KIIT University, Bhubneshwar
Sectional Recorder	Prof. Debabrata Paul , SCSDEC, Kolkata

January 04, 2012	
14:00 – 17:30	
Venue	: Campus-3, Hall A17, KIIT University
Presidential Address	: H.R. Vishwakarma , VIT University, Vellore <i>Preparing next-gen engineers for facing the challenges of 21st century</i>
Lead Lecture	: Alam Appa Rao , Vice Chancellor, JNTU <i>Engineering Education in prospect and retrospect</i>
Keynote Address	: Ramadhhar Jha , HSCL, Bokarao Steel City <i>Climate Change–Indicator for Destruction of Planet Earth</i>
Young Scientist Award Lecture	: S. Paul , Tezpur University <i>Influence of tartaric acid on aluminium dynamics and speciation in rice (Oryza sativa) rhizosphere and amelioration of aluminium toxicity in acid soil</i>
Invited Lectures/ Oral Presentations	: Ramakrishnan Raman , Honeywell, Bangalore <i>A Framework For Systematically Evolving System-of-Systems</i>
	: A.K. Nayak , IIBM, Patna <i>A Model Curriculum For Postgraduate Programme in Computational Science & Engineering</i>
	: Mini Ulanat , CUSAT, Kochi <i>Knowledge Management in Higher Education Through Digital Libraries</i>
	: P Jothimani , VIT University, Vellore <i>Innovation Pedagogy in Engineering Education</i>
	Maluk , M.A.M. College Of Engineering, Trichy <i>Sensor Grid Architecture For Health Care Monitoring</i>
	Panel Discussion: <i>Enhancing Role of Women in Engineering</i>
SECTIONAL COMMITTEE ELECTION	

January 05, 2011

14:00 – 17:30		
Venue	:	Campus-3, Hall A17, KIIT University
Symposium	:	Preparing next-generation engineers for facing the challenges of 21st century
Invited Lectures	:	G.S. Mukherjee , DRDO, New Delhi <i>Safety Culture in Industry and Environment</i>
	:	Ravi Prakash , JUIT, Solan <i>Materials Engineering: Certain Aspects</i>
	:	D. Janaki Ram , IIT- Madras <i>Open Source Software and Software Engineering Education</i>
	:	P K Pandey , VSSC, Trivandrum <i>Indian Space Programme: 'Reaching Out – Touching Lives'</i>
	:	Panel Discussion: Strategies for Faculty Development
Oral Presentations Campus-3 Campus-3, Hall A18, KIIT University		
	:	Abhilasha Chouksey , Solid State Physics Lab, Delhi <i>Frequency Dependent Bridging Of CNT Network Deposited By Dielectrophoresis</i>
	:	Brijendra Singh , University Of Lucknow <i>New Hybrid Intrusion System Based On Operation Research & Biological Computational Approach</i>
	:	Chiranji Lal Chowdhary , VIT Vellore <i>Platform Independent Network Based Remote Control Secure System</i>
	:	Naveen Hemrajani , SGV University, Jaipur <i>Validation And Creation Of New Algorithm Using Admission Control For Video Transmission Over IP Network</i>
	:	Sanjay Mohapatra , RVP, CSI, Bhubneshwar <i>Transforming Higher Education Thru ICT</i>
	:	M.A. Maluk Mohamed , MAMCE, Trichy <i>On Certificate-Based Mutual Authentication Paradigm For Mobile Grid Computing Using Surrogate Objects</i>
	:	
Concurrent Poster Session –I		

January 06, 2011		
14:00 – 17:30		
Venue		Campus-3, Hall A17, KIIT University
Symposium		Preparing next-generation engineers for facing the challenges of 21st century
Invited Lectures	:	Dr. Uddesh Kohli , Engg Council of India, Delhi <i>Regulation Of Engineering Profession</i>
	:	Dr. Debesh Das , Jadavpur Univ., Kolkata <i>3D Architectures in Chip Designing</i>
		Brijendra Singh , University of Lucknow <i>Importance of Reliability Engineering in Research and Education</i>
	:	Prof. Debabrata Paul , SCSDEC, Kolkata <i>Automotive Engineering – A promising domain for high-end academic programme and research</i>
		Panel Discussion: <i>Engineering Body of Knowledge- Role of Professional and Industry Associations</i>
Oral Presentations: Campus-3, Hall A18, KIIT University		
	:	V. Praveen Krishna , K.L.University, Guntur <i>Intrusion Detection For Better Network Security</i>
	:	A.K. Saha, Haldia Institute of Technology, Haldia <i>Some Studies on the Settling Characteristics of Aqueous Coal-Slurries in Acidic and Alkaline Medium</i>
	:	Brijendra Singh , University of Lucknow, <i>Fusion of Web Usages Mining with Web Sementics and Time Spent by User</i>
	:	B. Srinivasa Rao , MREC, Hyderabad <i>Embedded Smart Car Security System</i>
	:	Vijay Kumar Kambila , KL Univ., Guntur. AP <i>Structural And Electrical Studies Of Nano Crystalline Blend Systems Based On Pani With Poly Vinyl Alcohol For An Electrochemical Cell.</i>
	:	TK Sen , NBSSLUP, Nagpur <i>Status of microbial biomass carbon under organic land use systems in Wardha district, Maharashtra</i>
	:	Jyotsna Dutta Majumdar , IIT-Kharagpur <i>Advances in Mfg Technology Of Metallic Components</i>
	:	Niratay Biswas Brainware Grp of Inst., Kolkata <i>Simulation of Ion-Implanted Doping Profile for Determination of Junction Depth In ATT Device</i>
Concurrent Poster Session –II		

January 07, 2011		
14:00 – 17:30		
Venue		Campus-3, Hall A17, KIIT University
Symposium		Preparing next-generation engineers for facing the challenges of 21st century
Invited Lectures	:	Debendra K. Das , University Of Alaska, <i>Computational Study Of Nanofluids In A Heat Exchanger Proving Their Thermal Energy Efficiency</i>
	:	D. Datta , BARC, Mumbai <i>Importance of Sensitivity and Uncertainty Modeling in Engineering Risk Analysis</i>
		Brijendra Singh , University of Lucknow <i>Importance of Reliability Engineering in Research and Education</i>
	:	Prof. Debabrata Paul , SCSDEC, Kolkata <i>Automotive Engineering – A promising domain for high-end academic programme and research</i>
		Panel Discussion: India Vision 2020- The Road map for Engineering Profession
Oral Presentations: Campus-3, Hall A18, KIIT University		
	:	R.M. Suresh , RMD Engg College, Chennai <i>A Study On Digital Library Applications Of Ontology Based Web Mining</i>
	:	Dr K Umakantham , GIITS, Visakhapatnam <i>Long-Distance Power Transmission System With Nano-Satellite</i>
	:	S. Madhavan , College of Engg Guindy, Chennai <i>Parametric Influence on Delamination in Drilling of Glass Fabric Epoxy/Random Zylon Hybrid Composite</i>
	:	Moumita Mukherjee , Institute of Radio Physics & Electronics, Kolkata, <i>Spintronics: A New Era In Future Electronics</i>
	:	Saptarshi Basu , Maritime Research And Development Society, Kolkata <i>Ground Effect Vehicles: Mass Transport Solution For Indian Coastal Logistics And Coastal</i>
	:	Neha Bhushan , KIIT, Bhubaneswar <i>Modeling And Simulation Of Dielectric Pocket Silicon On Nothing (Dipson) MOSFET</i>
GENERAL DISCUSSION AND RECOMMENDATIONS		