

## ICEE 2012 Manuscript Acceptance Notification

The list of accepted manuscripts for ICEE 2012 is provided below (in no particular order). All below listed authors should be getting an official letter of acceptance within a week. Due to the limited number of slots available for oral presentation, most of the manuscripts listed below are accepted as posters. The official letter of acceptance from the program committee will specify whether your manuscript is accepted as oral or as poster.

First Author	Title
D. Kannadassan	Temperature and Stress Dependent Properties of barrier type Anodic Al <sub>2</sub> O <sub>3</sub> MIM Capacitor
Feroskhan M	A Study on the Electro Thermal Properties of Different CNT Structures
Chirag Gupta	Equilibrium to Nonequilibrium Carrier Statistics for a Nanolayer
Girish Muralidharan	Ultra-high Density Floating Gate Devices using Self-assembled 2D Arrays of Gold Nanoparticles
P. K. Ghosh	Effect of tin doping on electro-optical properties of nanocrystalline cadmium sulfide thin film synthesized via RF magnetron sputtering technique
Kumar Shubham	Investigation of MIS Capacitor with TiO <sub>2</sub> Thin Film as Insulator Rprepared by Low Temperature Arc Vapor Deposition (LTAVD) Process
Ashish Kumar	Fabrication and Characterization of the ZnO-based Memristor
Shashi Tiwari	Fabrication and Characterization of Poly-3-hexylthiophene based Organic Thin Film Transistor
Dr. Trinath Sahu	Enhancement of multisubband electron mobility in GaAs/InGaAs strained double quantum well structures: effect of electric field
K. Das	Large photoresponse of a single Si nanowire (diameter ~50nm) MSM device
Anuj Bisht	Effect of Porosity on Mechanical Behaviour of Nanocrystalline Metals
K. Sivasankaran	RF and Stability Performance of Double Gate Tunnel FET
Saibal Roy	Self-aligned inkjet printing of organic TFTs/Circuits
Paruchuri kondaiah	Structural and electrical characterization of Al/ZrO <sub>2</sub> /Si capacitors

	Abhijit Mallik	Spacer-Drain Overlap Dependence of Subthreshold Characteristics for Tunnel Field-Effect Transistors Based on Vertical Tunneling
	Poornendu Chaturvedi	Controlled Deposition of Aligned Carbon Nanotubes By Floating Electrodes Dielectrophoresis
	Gurusiddappa R Prashanth	In-Situ Impedance Spectroscopy of Layer-by-Layer Self-Assembly of Polyelectrolytes
	Saurabh	Low Power 6-T SRAM
	Monika Bhattacharya	Impact of Noise Temperature Constant and Diffusion Coefficient on the Minimum Noise Figure and Minimum Noise Temperature of InAlAs/InGaAs DG-HEMT
	Revathy Padmanabhan	High-Density Metal-Insulator-Metal Capacitors Using Gd <sub>2</sub> O <sub>3</sub> -Based Dielectrics
	Manoj Kumar Majumder	Dynamic Crosstalk Effect in CNT Bus Architecture
	Suchismita Tewari	Analog Performance of Dual-Material Gate InGaAs MOSFETs
	Sonali Das	Index tuned nanoparticle coating on dielectric film for improved photon transmission and enhanced performance for silicon solar cells
	Aftab Alam Khan	Targeted cooling with CVD diamond and micro-channel to meet 3-D IC heat dissipation challenge
	Prashant K Sarawat	Bifacial Photodetector using CZTS Absorber Material
	Rakhi Narang	Analytical Model for a Dielectric Modulated Double Gate FET (DM-DG-FET) Biosensor
	rekha singh	A Novel Layer by Layer (LBL) Approach for the Fabrication of Highly Transparent and Conducting Thin Films for Flexible Electronics, Based on Poly (3,4-alkylenedioxythiophenes) (PEDOT), via the Solution Processable Route.
	K.L.Ganapathi	Optimization of Oxygen flow rate for E-beam evaporated HfO <sub>2</sub> thin films
	prakash kodlai	Vibration Energy Harvesting
	deepthi k r	Frequency and temperature dependent dielectric properties of CuO-Polyvinyl alcohol polymer films
	Sreenidhi T	Temperature and Bias Dependent Gate Leakage in AlInN/GaN High Electron Mobility Transistor
	Naveen Karumuri	An Analytical Charge Control Model for AlGaIn/GaN HEMT including the Gate bias dependence on Polarization Charge
	Dheeraj Sharma	Isomorphic Polynomial based Precise Analytical Modeling of 3D Potential Distribution for Surrounding Gate Gate-All-Around MOSFET
	Tapan Barman	Iodine Doped Plasma Polymerized Aniline Thin Film for Optoelectronic Application
	Mahidhar Nyayapati	Analog Vibration Spectrum Sensor

	Tamal Gosh	Room temperature desorption of Self assembly monolayer(SAM) passivated Cu for lowering the process temperature Cu-Cu bonding of 3-D ICs
	Ajay Kushwaha	Roughness Enhanced Surface Defects and Photoconductivity of Acid Etched ZnO Nanowires
	Divya Jatain	FEM based Optimization of Thin-Film Microstructures for Energy Harvesting Devices
	P.Selvakumar	Enhancing Performance of a Radiator of Electronic Cooling System using Carbon Nanotube based Nanofluids
	Harshil N. Raval	Solution Processed Organic Electronic Devices as Sensors for Ionizing Radiation
	Vandana Kumari	Temperature Dependent Model for Dielectric Pocket Double Gate (DPDG) MOSFET: A Novel Device Architecture
	Naga Bharath Daka	Comparison of Direct Tunneling in Metal-GaN Schottky Junctions Using Different $k \cdot p$ Models for the Complex Bandstructure
	Santanu Maity	Plasmonic effect in Light-Induced Plating of c-Si solar cell
	Murali Golve	Novel Architectures for Zinc-Oxide Junctionless Transistor
	Sushanta Kumar Mohapatra	Effect of Channel & Gate Engineering on Double Gate (DG) MOSFET-A Comparative Study
	Trinath Sahu	Parabolic double quantum well structures: study of multisubband electron mobility
	Neha Kulshrestha	Electrical Transport through Parallel Multiwalled Carbon Nanotubes
	Manoj Kumar	Surface Roughness Plays a Key Role on Power Factor of sub-50 nm Thermoelectric Devices
	S.B. Rudraswamy	BaTiO <sub>3</sub> based Carbon-dioxide gas sensor
	Arul Varman K	Organic Device Electrode Fabricated by Aluminum in Nanopowder and Bulk Form and Effect on Device Properties
	S. Dwivedi	Pulsed Laser Deposition of Half-metallic CrO <sub>2</sub> Thin Films For Spintronic Applications
	Ratul Kr. Baruah	High-Temperature Effects on Device Performance of a Junctionless Transistor
	Abhishek Misra	Extraction of Graphene/TiN Work Function Using Metal Oxide Semiconductor (MOS) Test Structure
	Rakesh Ranjan	Interfacial Resistance Effect on TiO <sub>2</sub> /TCO/Electrolyte interface of Dye Sensitized Solar Cells
	Anshul Vyas	RF CHARACTERISTICS ONE-DIMENSIONAL NANOCARBONS
	Sandip Lashkare	Design of Epitaxial Si punch-through diode based selector for High Density Bipolar RRAM