



IC-EEE 2015, Day 2
6th February 2015, Friday

Technical Programme-Poster Session, 04.15 pm - 06.30 pm

Note: The maximum dimension of the poster shall not exceed 100cm Width and 110cm Height. Pin up board will be provided at the venue for displaying the poster.

Theme - Renewable and clean Energy Generation (RCEG)

Submission ID	Author	Title	Mode of Presentation
RCEG-62	Vipin K	Effect Of Variation Of Zinc Concentration On the Opto-electronic Properties Of Cu ₂ ZnSnS ₄ thin Films Deposited Using Chemical Spray Pyrolysis	Poster
RCEG-63	Mullasery Lakshmi	Enhancing Carrier Mobility Using Natural Electrolyte in Dye Sensitized Solar Cell	Poster
RCEG -87	Ramasamy P	Global Simulation Modeling On Multi-Crystalline Silicon Growth Process For PV Applications	Poster
RCEG-89	Nair Thulasi R	One Step Synthesis of Platinum-Graphene Electrocatalyst for Methanol Oxidation	Poster
RCEG - 97	T A Safeera	Synthesis of Nanostructured PbS:Bi Thin Film by Chemical Bath Deposition	
RCEG-112	Kotteswaran Shanmugam	Synthesis of Push-Pull Type Porphyrin Derivatives and Their Characterization for Dye Sensitized Solar Cell (DSSC) Applications	Poster
RCEG-118	V. Mohankumar	Theoretical Study And Design of Triphenylamine Based Organic Dyes For Dye Sensitized Solar Cells (DSSC)	Poster
RCEG-119	K Veerathangm	Comparative Investigations On Cadmium Sulfide (CdS) Quantum Dots Prepared By	Poster





		Chemical Bath Deposition And SILAR Technique For Solar Cell Applications	
RCEG-92	Prabeesh P	Fabrication of Kesterite Thin-Films on Glass and Mo Coated Glass Substrates by Spin Coating	Poster
RCEG-96	Dharsana M. V	Effect of Quantumdot Sensitization on the Performance Efficiency of QDSSC	Poster
RCEG-117	Debalina Das	Electro-Chemical Studies on Oxygen Reduction Reaction onto Ag and Ag-Ni nano particles loaded reduced Graphene oxide surface in alkaline Medium	Poster
RCEG-121	Anoop K. M	Effect of TOPO Capped CdTe Quantum Dots on P3HT:PCBM Layer Based Solar Cells	Poster
RCEG-122	Ahipa T.N	Hexagonal Columnar Liquid Crystals as a Processing Additives for P3HT:PCBM Photoactive La	Poster
RCEG-123	Hemavathi B	Effect of Solvent and Morphology on PPV based Polymer Solar Cells	Poster
RCEG-131	Narendra Pai K R	High Surface Area TiO ₂ Nanoparticles by Freeze-drying Approach For Photoanodes of Dye-Sensitized Solar Cell	Poster

Theme - Energy Storage (EC)

Submission ID	Author	Title	Mode of Presentation
ES-45	Amruthalakshmi V	Camphoric carbon/LTO composite electrodes for high power lithium ion supercapacitor	Poster
ES-85	K Sivajee Ganesh	Structural and Electrochemical properties of Zr doped LiCoO ₂ thin films	Poster
ES-124	Anjali Paravannoor	3V asymmetric supercapacitor prototypes using carbon grafted NiO electrodes in an aprotic ionic liquid.	Poster
ES-133	Lakshmi V	Supercapacitors Based On Microporous B-Ni(OH) ₂	Poster





		Nanorods	
ES-132	Soorya Sasi	The effect of graphene on the performance of an electrochemical flow capacitor.	Poster

Theme - Energy Conversion (EC)

Submission ID	Author	Title	Mode of Presentation
EC-102	Rambabu Gutru	Novel composite membrane electrolytes based on sulfonated poly phenyl ether ketone- sulfonated Graphite nanofibers for direct methanol fuel cells	Poster
EC-108	Abdul Rasheed Paloly	Optical Transmittance Studies of Tin Oxide Thin Films	Poster
EC-115	Kamal P Mani	Synthesis and Photoluminescence Characterization of Tb _{2-x} (MoO ₄) ₃ :xEu ³⁺ Phosphor	Poster
EC-114	Sreeja E	Structural and Luminescence Properties of Eu ³⁺ Doped Ba ₂ CaWO ₆ Nanophosphor	Poster
EC-134	Gautam E Unni	CdSe semiconductor sensitized SnO ₂ solar cells	Poster

Theme - Nanostructured materials for energy/nanoelectronic/bio-nano-electronic applications (NMA)

Submission ID	Author	Title	Mode of Presentation
NMA-47	Anju Nair	Starch Capped Silver Nanoparticles as an LSPR-based Optical Sensor for Hydrogen Peroxide	Poster
NMA-66	M. Senthilkumar	Synthesis and Characterization Of Phase Tailored Digenite (Cu ₉ S ₅) Nanoparticles	Poster





		By Hot Injection Method	
NMA- 67	Asha A S	Growth of Zn _{1-x} Cd _x O thin films by chemical bath deposition technique	Poster
NMA-78	Muhammad Faisal	Fly Ash Incorporated Polyaniline as a High Performance Shield against Electromagnetic Pollution	Poster
NMA-80	M Satheesh	Adsorption removal study of Pb(II) ions by combustion derived γ -Fe ₂ O ₃ nanoparticles	Poster
NMA-82	Govindaraj R	The Hydrothermally Grown Mesoporous Anatase Titanium Dioxide Nanorods and Their Structural and Morphological Studies For Dye Sensitized Solar Cells	Poster
NMA-86	Vinod R	Optical properties of ZnO:Pb nanoparticles	Poster
NMA-90	T A Safeera	Structural and Optical Characterization of Zinc Gallate Nanoparticles	Poster
NMA-107	Jijin R.V	Synthesis of Carbon Nanotubes Using Chemical Vapour Deposition and its Application as Gas Sensors	Poster
NMA- 109	Jessy P J,	Thermal Behavior of Nematic Liquid Crystal Elastomer	Poster
NMA- 113	Sajna M.S	Fluorescence Enhancement And Energy Transfer Mechanism in PVP/TiO ₂ : Eu ³⁺ Nanocomposites	Poster
NMA-120	Aijo John K	TiO ₂ Nanotubes by Anodization of Titanium foils: Influence of Anodization Parameters on the Morphology of Nanotubes	Poster
NMA- 130	Nisha Francis.P	Structural and Magnetic Properties of CdFe ₂ O ₄ Nanoparticles	Poster
NMA- 141	Sajimol Augustine M	Bio functionalized ZnS:Mn nanocrystals for the identification of waterborne bacterial pathogens	Poster



