

July 8th 2015

Oral Session -1

Nanomaterials: Synthesis & Characterization –I

SESSION TIMINGS: 02.00 P.M- 04.00 P.M

RS-618	Kannaki K	Facile hydrothermal synthesis, structural, optical and morphological investigations on PVP assisted Fe doped CuO nanocomposites
RS-445	Lava Kumar Pillari	Synthesis and characterization of nano hexagonal boron nitride powder and evaluating the influence on aluminium alloy matrix
RS-109	Jeyashelly Andas	One-pot synthesis of nanoscale silver supported biomass -derived silica
RS-294	Venkateswara Reddy P	Synthesis and properties of (Fe, Al) Co-doped SnO ₂ nanoparticles
RS-296	Sharon Samyuktha V	synthesis, structural and dielectrical properties of calcium doped magnesium titanate
RS-301	Prasanth Kumar Yadav	Synthesis of Bismuth ferrite oxide nano powder and gel via sol-gel methods
RS-306	Kiran S	Preparation and characterization of ZnO-ZnFe ₂ O ₄ nanocomposites for photovoltaic applicatons
RS-696	Muhamed Shajudheen V P	Synthesis and characterization of NiO nanoparticles by thermal oxidation of nickel sulfide nanoparticles
RS-119	Ranjithkumar R	Synthesis and properties of CdO and Fe doped CdO nanoparticles

Oral Session -2

Thin Films & Surface Engineering-I

SESSION TIMINGS: 02.00 P.M- 04.00 P.M

RS-438	Uttakarsh S Patel	Analysis of nano-structured zirconium oxide thin films synthesized by sputtering
RS-439	Pranav Y Dave	Characterization of sputter deposited nano-structured ZnO thin films
RS-458	Rahul S H	Room temperature sintering of Ytria stabilized zirconia films deposited by 3d inkjet printing process
RS-492	Pundareekam Goud J	Effect of deposition on microwave tunability of pulsed laser deposited Ba _{0.5} Sr _{0.5} TiO ₃ Thin films
RS-511	Pramod Kumar U	Influence of vanillin on the corrosion behaviour Ni-W alloy electrodeposits and its properties
RS-202	Kamalan Kirubharan	Thermal Expansion Behaviour of Electron Beam Evaporated Cubic YSZ Coating on Inconel-690
RS-658	Shaivalini Singh	Comparative study of ZnO thin films grown from thermal oxidation of Metallic Zn and from thermal evaporation of ZnO Pallets
RS-665	Umesh Rizal	Chemical network studies of Gallium nitride nanowires grown at low ammonia flow rates
RS-132	Sivarajan S	Characterization of thermally evaporated MoS ₂ thin film coatings
RS-368	Obulapathi L	Influence of sputtering powe on structural optical and electrical properties of copper chromium oxide Nano thin films
RS-182	Selva Priyaa S	Electrical properties of thermally evaporated CdSe and ZnCdSe Thin films

Oral Session -3
Carbon based Nanomaterials
SESSION TIMINGS: 02.00 P.M- 04.00 P.M

RS-674	Kadambinee Sa	To study the electrical properties of carbon nanotubes and graphene based hybrid polymer nanocomposite
RS-340	Hussen Maseed	Structural morphological and optical studies of Graphene Oxide
RS-198	Shamsher Singh Bargujer	Pearlitic steel wire: high carbon steel based natural nanomaterial by lead patenting process
RS-247	Subrata Ghosh	MnO ₂ /vertical graphene nanosheets as active material for energy storage devices
RS-401	Polaki S R	Friction behaviour of H ₂ plasma treated diamond-like carbon films
RS-462	Vishalli	Study of single walled carbon nanotubes irradiated by SWIFT Heavy ions
RS-554	L A Avinash Chunduri	Evaluation of Antioxidant and Cytotoxic activity of Carbon Quantum Dots from Coconut shell
RS-505	Beaula Ruby Kamalan M	Solvothermal synthesis and characterization of reduced graphene oxide/Vanadium pentoxide hybrid nanostructures
RS-522	Pradyumna Mulpur	Studies on carbon nanotubes and carbon dots based spacer layers on silver thin film substrates towards boosted surface plasmon
RS-529	Tharini J	Synthesis of silver graphene oxide nanocomposites for removal of anionic dye by adsorption
RS -568	Pankaj Srivastava	Half metallic transition in silver-adsorbed zigzag graphene nanoribbons
RS-141	S. Ramakrishnan	Large Area CVD Synthesis of Graphene from Xylene

Oral Session -4
Nanomaterials: Green Synthesis
SESSION TIMINGS: 02.00 P.M- 04.00 P.M

RS-363	Uma shanker	Green synthesis of FeO nanoparticles and their use as adsorbent for 2-amino, 3-amino and 4-aminopyridines
RS-290	Prabu K M	Biosynthesis and characterization of silver nanoparticles by using medical plant coccinia grandis leaves and fruits
RS-230	Ananthi A	Study on nano silica derived from an agro wastes (RH) by sol-gel process
RS-400	Krishnapraba	Synthesis of Gold Nanoparticles using Garcinia Indica Fruit Rind Extract
RS-428	Ajitha B	Sesbania grandiflora leaf extract assisted green synthesis of silver nanoparticles: Antimicrobial activity
RS-637	S Sudhaparimala	Biological synthesis of nano composite SnO ₂ -ZnO -Screening for efficient photocatalytic degradation and anti microbial activity
RS-652	Dharman Govindraj	Synthesis and spectral characterization of novel nano-hydroxyapatite from moringa oleifera leaf
RS-359	Lida Anna Eapen	Green synthesis of silver nanoparticles from Givotia Rottleriformis and studies on its antiproliferative potential
RS-680	Giridhar Reddy	Greener Approach towards the Synthesis of Silver Nanoparticles by Biological Methods –A Review
RS-103	A.Christy Catherine Mary	Synthesis of Silver nanoparticles by reducing silver ions with neem extract
RS-673	Chitra N	Characterization of green synthesized silver nanoparticles from an allergenic fungus with antimicrobial assay combined with antibiotics
RS-657	M Krishna Moorthy	Isolation of Bacillus subtilis from fermented toddy of Cocus nucifera and its antimicrobial assay by disc diffusion method
RS-672	Marimuthu Ramar	Synthesis of silver nanoparticles using Phyllanthus niruri for control of dengue vector, Aedes aegypti

Oral Session -5
Theoretical and Computational Nanoscience-I
SESSION TIMINGS: 02.00 P.M- 04.00 P.M

RS-312	Kulwinder Kaur	Electronic and thermoelectric properties of Al doped Mg ₂ Si materials: DFT study
RS-318	Anil Malipatil	Electrical transport properties of carbon nanotube metal semiconductor heterojunction
RS-331	Shobna dhiman	Study structural and Electronic properties of doped Arm chair single-walled CNT
RS-334	Keka Talukdar	Molecular dynamics simulation study of nerve ion channel
RS-349	Renu Bala	DFT study of structural and magnetic properties of full Huesler compounds
RS-576	Maity N P	Analysis of interface charge densities of high-K dielectric materials based metal oxide semiconductors devices
RS-581	Neha Tyagi	First Principles study of Li terminated armchair graphene nanoribbons
RS-608	Reena Monica P	An optimized geometry-physics based compact model of CNTFET
RS-671	Sorabh Mahajan	Quantum transport by varying the bong length in Nanodevice
RS-200	Prabhat Ranjan	Theoretical Analysis: Electronic and Optical Properties of Gold-Silicon Nanoalloy Clusters
RS-.640	Arjun J	Simulation of electric field distribution in nanodielectrics based on XLPE

Oral Session -6
Nanomaterials: Synthesis & Characterization –II
SESSION TIMINGS: 02.00 P.M- 04.00 P.M

RS-307	Krishnaiah Mokurala	Effect of addition of bismuth oxide to co doped ZnO on the performance of Varistor
RS-332	Abdul Khader S	Structural dielectric and magnetic studies of Nanocomposites
RS-344	Asiya Parveez	Structural dielectric and magnetic studies of Mg ²⁺ doped Ni Fe ₂ O ₄ by solution combustion method
RS-346	Arun Kumar Singh	Molecular ordering of Poly(3 3-dialkylquarterthiophene) on chemical vapor deposition grown monolayer graphene
RS-350	Rajesh Bajaj	Progress of Micro/Nano Powder mixed electric discharge machining : A Review
RS-367	Devandrappa H	In-situ chemical synthesis and characterization of polyaniline dodecylbenzene
RS-379	Jainath Prasad Sah	preparation of charcterization of wood cellulose nanocrystals
RS-181	Therasa Ranjani. P	Studies on Magnetron sputtered V ₂ O ₅ thin films deposited over ZnO buffer layer
RS-414	Muthulingam S	Synthesis and photocatalytic activity of ZnO and Ag-doped ZnO nanoparticles under different light irradiation
RS-426	Poovazhagan L	Investigations of microharness and impact properties of silicon carbide nanoparticlulates reinforced aluminium metal nanocomposites
RS-695	M. Mubarak Ali	Surface Structural Characterization of Nanoceramic Coatings on Aluminium

Oral Session -7
Nanomaterials: Synthesis & Characterization –III
SESSION TIMINGS: 04.15 P.M- 6.30 P.M

RS-623	S M Muzakkir	Is nano size the best Choice?
RS-616	Mahamoud S alkathy	Dielectric properties of Zr doped barium stronstium titanate
RS-302	Biswajit saha	Studies on magnetic properties of chemically synthesized crystalline manganese ferrite nano particles
RS-289	Banu A	Impact of chelating agent and solvent on synthesis of nanocrystalline spinel type MgNiO.-- cathode material
RS-390	Ramachandra Raja C	Synthesis and investigation on mechanical behavior of fluorohydroxyapatite toughened by Zr-Ce additions
RS-397	Ravinder Gupta	Anatomizing the impact of high Dielectric gate materials on the charge transport in graphene filed effect transistors
RS-173	Maswanganye M W	Influence of incorporating co and indium co-dopants on the structural and optical properties of ZnO nanoparticles
RS-171	Gurusiddappa J	Structural and conductivity studies of non-hygroscopic solid polymer electrode
RS-628	S Abdul Khader	Dielectric, magnetic and ferroelectric studies of (x)MnO.5ZnO.5Fe2O4+(1-x)BaTiO3 Magnetolectric nano-composites
RS-308	Lijin George	Growth of large area high quality single layer graphene by chemical vapour deposition
RS-593	Bhimrao Phulwale	Synthesis, characterization and optical properties of metal phtalocynines macrocycle
RS-481	Bashaiah Sindam	Microwave assisted synthesis of Ba (Zn1/3Ta2/3) O3 nanoparticles

Oral Session -8
Thin Films and Surface Engineering-II
SESSION TIMINGS: 04.15 P.M- 6.30 P.M

RS-429	Rajesh K M	Synthesis of copper nanoparticles and role of pH on particle size control
RS-432	Umesh T Nakate	Microwave assisted synthesis and characterization of NiCo2O4 nanoplates and electrical, magnetic properties
RS-446	Venkatesha R	Development of hybrid nano composite material reinforced aluminium matrix composites and analysis of its machinability chracteristics
RS-457	Mehul Bhogaita	Synthesis and characterization of TiO2 thin films for DSSC Prototype
RS-464	Anjali jain Deotale	Correlation between particle size, strain and band gap of iron oxide nanoparticles
RS-469	Martha Ramesh	The effect of etching time on structural and optical properties of porous silicon at the room temperature
RS-600	S. Saravanan	Effect of Diffracting Grating on the Performance of Thin Film Silicon Solar Cells
RS-475	Jada Shanker	Synthesis, characterization and electrical properties of NdxO3(X=Cr, Fe) nanoparticles
RS-531	Nandita Dhawan	Experimental study on entrainment characteristics of Al2O3 water nanofluid
RS-556	Mukta V limaye	Electronic structural studies of electrochromic tungsten oxide
RS-254	S. Leela	Studies of Silicon Nanowires with Different Parameters – By PECVD
RS-251	T. Deepa Rani	Investigation On The Deposition Of The Nd doped ZnO Thin film and Their Structural and Optical Properties
RS-710	T. Krishna Teja	Design & Analysis of GaAs Thin Film Solar cell using an Efficient Light Trapping Bottom Structure

Oral Session -9
Nanomaterials: Synthesis & Characterization –IV
SESSION TIMINGS: 04.15 P.M- 6.30 P.M

RS-452	Suchitra S M	Effect of pore widening time on structural aspects of self-organized nanopore arrays formed by anodization of aluminium in chromic acid
RS-453	Palakolanu Ramana Reddy	Contact angle measurement studies on porous anodic alumina membranes prepared using different electrolytes
RS-583	Shanmugavel T	Structural and magnetic characterization of CoFe_2O_4 by auto combustion method on low temperature regime
RS-112	Sunita Sharma	Synthesis of zinc oxide nanoflower for photovoltaic applications
RS-115	Ramesh C	Structural and Magnetic study on Al Substituted MgZn Mixed Ferrite Powders prepared by sol-gel method
RS-150	Ravinder Gupta	Dielectric properties of Li-Co Nano-materials by low temperature synthesis
RS-155	Ravi S	Magnetic properties of nanosized $\text{Bi}_2\text{FeMoO}_6$ double perovskite
RS-174	Rammutla	Clarifying the locations of dopant metals in sol gel derived nano- TiO_2
RS-204	Ramesh C	A novel route synthesis and characteristics of $\text{MgO} \cdot \text{Zn}_{0.7}\text{Ni}_x\text{Fe}_2\text{XO}_4$
RS-210	Amodini Mishra	Morphological and structural study of magnetic Fe_3O_4 /graphene oxide
RS-213	Nitin Goyal	Synthesis and characterization of nano-zeolites and its applications
RS-579	Shashi Bhushan Singh	Study of ZnO nanostructures magnetism using spatially resolved x-ray microscopic and spectroscopic techniques
RS-594	Raj Kumar	Preparation and characterization of ultrafine griseofulvin-Polyvinyl alcohol nanoparticles

Oral Session -10
Nanomaterials: Synthesis & Characterization -V
SESSION TIMINGS: 04.15 P.M- 6.30 P.M

RS-219	Maheshkumar Jaganathan	Folding Refolding of ferritin as template in design of nanoclusters of copper and manganese oxides
RS-221	Sandip Paul Choudhury	Facile synthesis of SnO_2 thin film by spray pyrolysis technique and investigation of the structural optical and electrical properties
RS-243	Suresh Yathapu	Characterization and Evaluation of Anti-bio-film effect of green synthesized copper nanoparticles
RS-244	Neelima P	Effect of Dy^{+3} substitution on structural electrical and magnetic properties of MnZn Ferrite
RS-245	Raju P	Microstructure, frequency and temperature dependent dielectric properties of nanocrystalline zinc ferrite
RS-246	Madhankumar P	Analyzing hydrogen sulfide gas sensing properties of indium tin oxide nanomaterial
RS-248	Shrisha B V	Hydrothermal growth and characterization of Al-doped ZnO nanorods
RS-271	Pramila Patil	Size controlled preparation and effect of sintering temperature on the structural properties of nanocrystalline ceria-lanthana solid solution
RS-411	Lava Kumar Pillari	Investigation on the uniformity of MWCNT reinforcements and the enhancement of properties on Aluminium alloy matrix composites by powder processing
RS-645	P Venkateswara Reddy	Synthesis and properties of (Fe,Al) Co-doped SnO_2 nanoparticles
RS-598	Sumithra S	Morphological change of silver nanoparticles by the effect of synthesis parameters
RS-476	Samrat Sarkar	Size dependent optical properties of solvothermally synthesized $\text{Cu}_2\text{ZnSnS}_4$ nanoparticles
RS-419	R.George Sahaya Nixon	Characteristic Analysis of Friction Surfaced Stainless Steel of Different Grades over EN 8 Substrate

Oral Session -11
Theoretical and Computational Nanoscience-II
SESSION TIMINGS: 04.15 P.M- 6.30 P.M

RS-263	Hari Mohan Rai	Effect of edge fluorination on electronic and transport properties of Armchair boron nitride nanoribbons
RS-269	Yogeshkumar Sonvane	Temperature dependant lattice conductivity of Graphene nanoribbons
RS-274	Sumali Bansal	Structure and stability of Metal doped Tubular Gold cages- comparison between potential model and density functional studies
RS-277	Patra P K	Expressions for deflection and upper bound on the load of a cantilevered carbon nanotube using nonlocal continuum models
RS-555	Pankaj Srivastava	Effect of phases on the energetics of pristine InP Nanowires: An ab-initio approach
RS-592	Thuto Mosuang	Relative stability of some bilayered graphene structures
RS-205	Kuwar Mausam	Investigation of optimum process parameter of a high speed EDM using a GREY Relaxational Analysis for multi-scale carbon Fiber nano composite
RS-550	Erfan Maleki	Modeling of severe shot peening effects to obtain nanocrystalline surface on cast iron using artificial neural network
RS-666	Mahesh	Quantum transport in oscillating magnetic field
RS-605	Reshmi Maity	Improved Mesons's modeling of Capacitive micromachined Ultrasonic transducers
RS-104	Milanpreet Kaur	Probaton of charge transport with chalcogens as linker group for C20 fullerene
RS-158	Anand Y Joshi	Atomistic finite Element modeling and analysis of pinholes in Double walled Carbon nanotube based mass sensor
RS-670	Gurdanish Singh	To Inquire the Effects of Doping on Current Characteristics of Fullerene Molecular Junction Device

Oral Session -12
Nanomaterials: Synthesis & Characterization-VI
SESSION TIMINGS: 04.15 P.M- 6.30 P.M

RS-539	Akshaya	Comparison of dielectric measurement of graphene and MWCNTs mixed PVDF based composites
RS-588	Radha Adaikalam	An investigation of mechanical and wear properties of AA6061 reinforced with silicon carbide and graphene nano particles-Particulate composites
RS-595	R Parimala	A study on nanophased biaxial carbon Braided composites
RS-626	A Pooja Shukla	Scrutinizing the properties of functionalized graphene based polymer nanocomposites for electronic devices
RS-191	Sangeetha M	Wear properties estimation and characterization of coated ceramics with multi wall carbon nano tubes (MWCNT) reinforced in Aluminium matrix composites
RS-410	Mehak Bali	Preparation of poly(lactic acid)-Carbon nanotubes nanocomposites through in-situ polymerization route
RS-491	Vishwanathan A S	Carbon nanodots enhance microbial fuel cell performance
RS-631	Arvind	Differential pulse voltammetric determination of uric acid in the presence of ascorbic acid, dopamine and L-tyrosine at iron Nanoparticle decorated multi-wall carbon nanotubes modified carbon paste electrode
RS-366	Devandrappa H	Microsphere polyaniline/Dodecylbenzene sulfonic acid composites for electrochemical performance
RS-604	G Boopathi	Facile precipitation route for phase evolution and optical behaviour of Gd ₂ -xSm _x O ₃ nanophosphors
RS-615	Deepak Kukkar	Synthesis of iron based biocompatible metal organic frameworks for microencapsulation of docetaxel
RS-620	K Jayakumar	Synthesis and machining characterization of ultrasonication assisted stir cast SiC particle reinforced aluminium metal nanocomposites
RS-638	S. Chellammal	Dielectric properties of nanocrystallites

Oral Session -13
Nanomaterials: Synthesis & Characterization-VII
SESSION TIMINGS: 04.15 P.M- 6.30 P.M

RS-703	Venugopal	Synthesis and characterization of nano particles and nanofluids: a comparative study
RS-655	AS Divya Sri	Synthesis of Silver nanoparticles by reducing silver ions produced in-situ Electrochemically
RS-677	Mohd Amin Bhat	Bio-Inspired Nanomaterials and Their Enhanced Antibacterial effect of antibiotics against clinical Pathogens
RS-262	Vinod M Hatkar	Preparation and Characterization of UV curable nanocomposites coatings using multifunctional epoxy acrylate prepolymer
RS-465	Ashwin Radhakrishnan	Study & Analysis of Aluminium doped Zinc oxide thin films using Sol-gel technique
RS-502	Alok Srivastava	A novel method to grow Carbon Nanotubes over inorganic Silicon carbide fibers
RS-260	C. Lakshmanan	Synthesis and electrochemical double layer characterization of nanoporous metals
RS-335	Shailendra K. Saxena	Spectroscopic investigation of well aligned silicon nano wires fabricated by metal induced etching
RS-111	M.Bani John	Electrochemical green synthesis of silver nano particles
RS-125	V.R.Nazeera Banu	Corrosion inhibition by self assembling nano films of Cetyl-Trimethyl-Ammonium Bromide (CTAB) on Mild steel surface
RS-440	R. Jayavardhanan	Bactericidal efficiency of silver nanoparticles synthesised from from Annona squamosa
RS-336	Brajesh Nandan	Synthesis and Characterizations of Co _{0.5} Ni _{0.5} Cr _x Fe _{2-x} O ₄
RS-542	Fekri Laatar	Preparation of nanocomposite by adding of tunisian nanoclay in polyester matrix: mechanical and thermal study

Oral Session -14
Nanomaterials: Synthesis & Characterization-VIII
SESSION TIMINGS: 04.15 P.M- 6.30 P.M

RS-328	Sakthinathan G	Performance Improvement of DI Diesel Engines using Tungsten Carbide coated Pistons
RS-503	Eva Janet Antony	Loading of Coumarin Dyes in β -Cyclodextrin Attached to CdSe Nanoparticles
RS-527	Payal Sharma	Comparative Study of Grey Relational Analysis on Dynamic Mechanical Properties of Alumina Nanorods Reinforced Epoxy Composite
RS-533	Sangeeta Adhikari	Spongy ZnO for Photocatalytic Degradation of Crystal Violet
RS-543	Praveena	Effect of Sm ³⁺ -Gd ³⁺ co-doping on dielectric properties of Mn-Zn ferrites Synthesized via Combustion Route
RS-580	Sumali Bansal	Study of Gold Nanostructures of Various Dimensions: Au NWs, Au Nanosheets, Au Nanocylinders
RS-621	Rahul	Synthesis, characterization and device fabrication of Perovskite CH ₃ CH ₂ NH ₃ PbI ₃
RS-682	Bharathkumar. S	Eco-friendly synthesis of bismuth ferrite nanostructures for the enhanced optical and photocatalytic properties
RS-683	M.Sakar	Anisotropic Nanostructures of multiferroic Bismuth Ferrite by wet Chemical Techniques
RS-684	M. Balasubramaniam	Synthesis and electrochemical properties of ZAS nanocomposites: the effect of capping agent
RS-162	Ida Malarselvi	Influence of bio-based chitosan on properties of 5-Nitrosalicylaldehyde - aniline nano composites
RS-218	Sheeba Anu Jacob	Effect of Hydrothermal synthesis on the particulate characteristics of Nanocrystalline Titanium dioxide
RS-661	D.Shanmuga Sundar	Synthesis and characterization of transparent and flexible polymer clay substrate for OLEDs
RS-713	Kuruba Venugopal	Synthesis, spectrochemical behaviour of novel heterocyclic dithiocarbamate metal complexes & their nanoparticles-biological activity

