

25th Raman Memorial Conference – 2019

“Physics of 2D Materials: Theory and Experiments”

Poster Presentation

14th Feb, 2019. 5.15 pm Onwards

PP1	Aparna Ukarande CdS thin films grown by electrodeposition techniques as a buffer layer for solar cell application.
PP2	Prerna Unadkat Coffee-ring Effect assisted, Surface modification Free Paper-based Colorimetric Glucose Sensor
PP3	Sujay K Kirdavkar ArVirInd – A database of Arbo-Viruses from India
PP4	Aditi Awate Synthesis of γ -Fe ₂ O ₃ /rGO nanocomposite and its application as Supercapacitor
PP5	Avinash A Patil Meteorological parameters modulate Chikungunya and Dengue occurrences in India (2010- 2016)
PP6	Pooja Galande Study of Cu ₂ O Thin Film Synthesis by Electrochemical Deposition Method for Solar Cell Application
PP7	Vaibhav Walve Hafnia based gate dielectrics for MOS-FET
PP8	Aditi Dave Synthesis And Characterization of Graphene Oxide and Reduced Graphene Oxide for Gas Sensing Study
PP9	Chetan Chavan Study of structural, electronic and magnetic properties of pure and doped (Fe ₂ O ₃) n cluster
PP10	Kiran Shinde Synthesis of Nano-Crystalline CdS thin films by using Hot Injection method For Harvesting Solar Radiation
PP11	Supriya Koyale Incorporation of Chemically Synthesized Cadmium Sulfide nanoparticles on ZnO nanorods for to fabricate photoelectrode
PP12	Sachin Desarada Effect of RTP annealing on CIGS thin film deposited from single-step, low-cost electrochemical technique
PP13	N.D.Desai Enhanced photoelectrochemical performance of Bi ₂ Se ₃ Thin Films: Effect of Surfactant
PP14	Novman Nabeel Conductive Polypyrrole as a Ammonia Gas Sensor

PP15	Poonam Lawand Study of effect of molarity of sulfur source on Cadmium Sulfide nanoparticles synthesized by using chemical precipitation method
PP16	Sakshi Patil Structural and Morphological Properties of Electrodeposited Bismuth Telluride (Bi ₂ Te ₃) Thin Films.
PP17	Suhail A. A. R. Sayyed Design and Development of low cost Arduino based Successive Ionic Layer Adsorption and Reaction (SILAR) Coating System with magnetic stirrer using discarded Lab Equipments
PP18	Varsha Pawane Co-deposited Sn-Ag- Cu films for Fine Pitch Surface finishes in PCBs
PP19	Priyanka Bhosale Synthesis and Characterization of L-Histidine modified biocompatible ZnO Nanoparticles
PP20	Deepesh Bhamre Equivalence of One Loop Feynman Diagrams in Covariant and Light-Front QED
PP21	Dipmala Sali Synthesis and Characterisation of CdTe thin films prepared by electrochemical technique
PP22	Shital D. Satpute Fabrication of bilayer ZnO Compact/ZnO/In ₂ O ₃ using SILAR method
PP23	Hakim Rizwan Structural, Optical and Gas Sensing Properties of Spray Deposited Sn doped MoO ₃ Thin Films
PP24	Shraddha Mahakal Synthesis, characterization & bacterial activity of ZnO and Serine modified ZnO nanostructures
PP25	Minal kurane Heart Rate Variability Analysis
PP26	Tejal Meharwal Fe ₃ O ₄ /rGO nanocomposite and its Application
PP27	Arun Jaiswal Effect of Photo-initiator Concentration on the Structural Resolution in Two-Photon Lithography
PP28	Ashvini Punde Study of soft (pre) annealing temperature effect on sputtered tri-layer precursor CZTStin film absorber for Photovoltaic's
PP29	Pratibha Pate Characterization of Hydrothermally Synthesized MoSe ₂ Nanoparticles
PP30	Ashwini Datar Magnetic force microscopic analysis of the composite film of PLZT and CZFO synthesized by Sol gel technique
PP31	Mamta Nasane The role of sulfurization temperature on sputtered CZTS thin film absorber for Photovoltaic's

PP32	Siddharth Karkhanis SYNTHESIS, CHARACTERISATION AND APPLICATIONS OF A VERSATILE COORDINATION COMPLEX – POTASSIUM TRIOXALATO FERRATE (III) TRIHYDRATE
PP33	Sunita Pawar SILAR Deposited ZnO Nanorods for Biomedical Application
PP34	Sweta Rath Design and Development of a Resonator based Bio-sensor for bacteria detection
PP35	Poonam Borhade Raman Investigations on Graphite, Graphene Oxide (GO) and reduced Graphene Oxide (rGO)
PP36	Sandhya Wakhare Structural and Optical Properties of Indium doped ZnO monolayer : Density Functional Study
PP37	Shilpa U Reinforced Reduced Graphene Oxide Sheets as Materials for EMI Shielding in K _u Band
PP38	Vaishnavi Chothe To study electronic properties of graphene using Density functional theory as implemented in Quantum Espresso
PP39	Shivaji Sonawne Deposition and Characterization of Zinc Telluride thin film as Interface Layer for CdTe Solar cells
PP40	Mangesh Desai Excellent supercapacitive performance of ZnO@MnO ₂ nanostructures
PP41	Anuja Gore Synthesis and Characterization of PbO nanostructures by Hydrothermal Method
PP42	Supriya Moholkar Study of Novel SrDy ₂ O ₄ :Eu phosphor for Thermoluminescence Dosimetry
PP43	Akash Bhoir Thermoluminescence studies of Co-60 γ - ray irradiated BaB ₄ O ₇ :Ce
PP44	Mahesh Gaikwad Synthesis and characterization of Zinc Oxide nanoparticles by Simple Precipitation method in aqueous media.
PP45	KALYANI ANNADATE Study of growth and properties of Pure and CaCO ₃ doped Triglycine Sulphate (TGS) crystal by solution growth method
PP46	Monika Joshi Facile aqueous route for the synthesis of Cu ₂ SnS ₃ thin films for Photoelectrochemical solar cell application
PP47	Amish Parmar Use of TiO ₂ nanotube arrays with sandwich structure on Nickel for betavoltaic nuclear battery
PP48	Bhakti Kshirsagar Pressure dependent ferroelectric properties of LaWN ₃
PP49	Akshay Vyas Studies on ethanol electrooxidation over metal nanoparticles grown using successive ionic layer adsorption and reaction method

PP50	Akshay Sonavane Comparative study of ZnS thin films grown by MA-CBD and M-CBD methods
PP51	Pankaj Bhujbal Studies on the Influence of RF Power on Al doped ZnO Thin Films
PP52	Amruta Ponshe TiO ₂ -Carbon Dot composite for Visible Light Photocatalytic Degradation of Beta Blocker Propranolol
PP53	Chaitali Pawase Synthesis and characterization of graphene based hybrids for nonvolatile memory devices such as RRAM
PP54	Tulshidas C. Darvade Structural Ferroelectric and Dielectric properties of lead free Ba _{0.97} Ca _{0.03} TiO ₃
PP55	Sandhya Gadge Synthesis and Characterization of CeO ₂ nanostructures for the catalytic degradation of methylene blue
PP56	Sarika Jadhav Synthesis and Characterization Graphene based Metal oxide nanocomposite for Energy Storage Application
PP57	Kalyani Tikote Synthesis and Field Emission Study of MoO ₃ (Molybdenum Trioxide) Nanostructures
PP58	Mayuri T. Jagdale Synthesis and Size Control of Silver Nanoparticles using Low Energy Ar-Ion Irradiation
PP59	Aditi R. Kulkarni Excellent supercapacitive performance of marigold like nanostructures of Manganese dioxide
PP60	Sneha Kandare Inelastic Neutron Scattering and Lattice Dynamics of Cu ₂ ZnSnS ₄
PP61	Chaitali P. Deshmukh Investigations of structural properties of nickel (Ni) substituted cobalt-ferrite (CoFe ₂ O ₄) nanoparticles synthesized by hydrothermal route
PP62	Prajakta Chindhe Synthesis of Hydroxyapatite nano particles (HAp) by using co-precipitation method