

POSTER SCHEDULE FOR NANODAYS 2015

P1-P25 on 16th February

P26-P45 on 17th February

P1.	Injamamul Arief	Effect of anisotropic Fe-nanorod addition to magnetite-based MR suspensions: A dynamic magnetorheological study
P2.	Rabaya Basori	Electrical unipolar resistive state switching in a single nanowire of CuTCNQ
P3.	Deblina Chakraborty	Nonlinear alternating current conductance in nano-crystalline $\text{La}_2\text{NiMnO}_6$ for identifying Griffiths-like phase with significant electro-magnetic correlation.
P4.	Soumyo Chatterjee	<i>p-i-n</i> Heterojunctions with BiFeO_3 perovskite nanoparticles and <i>p</i> - and <i>n</i> -Type oxides: Photovoltaic properties
P5.	Susobhan Choudhury	Ultrafast dynamics of solvation and charge migration in a DNA-based biomaterial
P6.	Rakesh Das	Effect of Coulomb interaction in aggregation of charged colloids
P7.	Ruma Das	Direct to indirect band gap transition in transition metal dichalcogenide monolayers under strain
P8.	Sankar Das	Synthesis of hybrid nanocomposites as an adsorbent for CO_2 capture and catalyst for reduction reactions
P9.	Subhasis Das	Preferential growth of Au on CdSe quantum dots using Langmuir-Blodgett technique
P10.	Subarna Datta	Synthesis and physical property study on a single nanowire based device of optimally doped manganite
P11.	Saikat Debnath	Tunability of Mn emission in Mn doped semiconductors
P12.	Ransell D'Souza	Electronic structure, phase stability and resistivity of hybrid hexagonal $\text{C}_x(\text{BN})_{1-x}$ two-dimensional nanomaterial: A first-principles study

P13.	Deepak Kumar Dubey	Enhanced structural and optical properties of Li doped $Zn_{0.98-x}Mn_{0.02}Li_xO$
P14.	Sagar Ganguli	Photoluminescence and photocatalytic activity of monodispersed colloidal “ligand free Ln^{3+} -doped $PbMoO_4$ nanocrystals”
P15.	Oindrila Halder	Atomically thin semiconductor nanosheets for optoelectronic applications
P16.	Niharika Joshi	Site selective adsorption of atomic hydrogen on hexagonal boron nitride monolayer: Effect of hydrogen coverage and substrate
P17.	Kiran P. Kadlaga	Ligand-free metal sulfide nanocrystals for luminescence and solar cells
P18.	Prasenjit Kar	Impact of metal Ions in porphyrin-based applied materials for visible-light photocatalysis: Key information from ultrafast electronic spectroscopy
P19.	Mritunjoy Maity	Bilirubin stabilised gold nanoparticle: A bio-conjugated material with catalytic activity
P20.	Madhuri Mandal	Magnetite (Fe_3O_4) hollow spheres synthesis and a study on magnetic properties for hyperthermia application
P21.	Brahmaiah Meesaragandla	Methyl oleate-capped upconverting nanocrystals: A simple and general ligand exchange strategy to render nanocrystals dispersible in aqueous and organic medium
P22.	Wasim Mir	Ag_2S magic-sized nanocrystals exhibiting sharp NIR excitonic absorption and luminescence
P23.	Nimai Mishra	Synthesis and optoelectronic / thermoelectric applications of branched semiconductor nanocrystals and 1-D nanowires
P24.	Chanchal Mondal	Synthesis of $Ag_{1.92}Mo_3O_{10}.H_2O$ nanowire from $AgNO_3$ assisted etching of ammonium phosphomolybdate: A material with high adsorption capacity
P25.	Samik Roy Moulik	Growth and structural study Of TiO_2 nanorods grown by hydrothermal method

P26.	G Krishna Murthy	Cu Doping in ligand free CdS nanocrystals: conductivity and electronic structure study
P27.	Shreyasi Pal	Gold over layer assisted oxidation control of zinc foil in open air to generate ZnO tetrapod: Excellent photocatalyst and ethanol sensor
P28.	Shubhadeep Pal	New emergence of interfacial properties of different 2-D materials
P29.	Monalisa Pal	Surface modification of Co-based nanostructures to develop intrinsic fluorescence and catalytic activity
P30.	Nabarun Polley	Ultrafast FRET at fiber tips: Potential applications in sensitive remote sensing of molecular interaction
P31.	Rupali Rakshit	Evaluation of semi-metallic Fe ₃ O ₄ nanocavities using terahertz waves
P32.	Mouni Roy	Synthesis of mesoporous Co ₃ O ₄ nanostructures via soft templating route: An excellent visible light photocatalyst
P33.	Avijit Saha	Uniform doping of magnetic ions in semiconductor quantum dots from inside out
P34.	Debasmita Sardar	A facile method for synthesis of Co-core Au-shell nanohybrid
P35.	Ayan Sarkar	Enhanced visible light photo-electrochemical and photo-switching activities of TiO ₂ /ZnO core/shell nano-heterostructure array
P36.	Madhumita Sahoo	One pot synthesis of tin oxide decorated boron doped graphene material
P37.	Ramkrishna Sahoo	Submerged iron nanoparticle for evolution of Fe ₃ O ₄ based photoactive and adsorbent materials
P38.	Samim Sardar	Ultrafast photoinduced dynamics in biologically important Porphyrin sensitized semiconductor nanostructures
P39.	Shaili Sett & Ravindra Singh Bisht	Low temperature electrical transport and 1/f Noise spectroscopy in heavily doped single germanium nanowires

P40.	P. R. Shaina	Strain and morphology of graphene membranes on responsive microhydrogel patterns
P41.	Urvashi Sharma	Synthesis of Zn ²⁺ doped MgO nanoparticles using layered Mg-Zn hydroxide precursors and studies on their optical properties
P42.	Ashutosh Kumar Singh	Engineering of high performance supercapacitor electrodes based on metal/metal-oxide core/shell nano-heterostructures
P43.	Abhishek Swarnkar	Demonstration of electronic grade and flexible semiconductor film employing sintering of colloidal ligand-free PbS and PbSe nanocrystals at room temperature
P44.	Debnath Talukdar	First principles study of stability and electronic properties of monolayer and bilayers of germanium
P45.	Rishi R. Ghimire	Flexible thin film transistor (TFT) made on Kapton® with ON/OFF ratio $\geq 10^7$ with nanostructured ZnO film channel and electric double layer gate