

Selected List of Participants for Poster Presentation Phase II

Sl.	ID	Name	Organization	Title
75	P-1021	Mrs.Subramanian Krishnaveni	Sathyabama University, Chennai	Thermo electric and structural properties of Ru ₂ TiZ (Z= Si,Ge,Sn) full Heusler alloys:A first principle study.
76	P-1091	Mr.Shivam Kansara	S.V. National Institute of Technology, Gujarat	Topological Behavior of perovskite CsPbI ₃ at ambient Pressure
77	P-1112	Dr.Sanjeev K Gupta	St. Xavier College,ahmedabad	Thermoelectric Properties of Dichalcogenide MS ₂ (M=Ta, Nb, Mo And W) Type Monolayer's
78	P-1118	Dr.Joyashish Debgupta	University of Hyderabad, Hyderabad	A mono-nuclear cobalt-aqua complex [Co(H ₂ O) ₆] ²⁺ encapsulated in zeolite Y acts as an efficient water oxidation electrocatalyst
79	P-1123	Mr.V Kesavan	SSN College of Engineering, Chennai	The influence of multiple-heater and avoidance of Carbon and Oxygen during directional solidification of multi-crystalline silicon
80	P-1125	Mr.Thomas Mathew	Central University of Kerala, Kerala	Electronic structure of antimony selenide (Sb ₂ Se ₃) from DFT calculations with hybrid density functionals
81	P-1141	Mr.Chandra Prakash Goyal	SRM University, Chennai	Gas Sensing Studies of CuO modified ZnO Nanowires Thin Films towards H ₂ S
82	P-1145	Mr.Ramanjaneyulu Mannam	IIT Madras	Enhanced photoluminescence and heterojunction characteristics of pulsed laser deposited ZnO nanostructures
83	P-1154	Mr.Rakesh Verma	IIT Madras	In-situ carbon coated CuCo ₂ S ₄ new anode material for Li - ion battery applications
84	P-1156	Mr.Karthikeyan J	CSIR-Central Electrochemical Research Institute, Karaikudi	Charge Transfer and Electronic Properties of Structurally Pinned Atomic Gold Clusters over Defect Sites of MoS ₂
85	P-1157	Mr.Bijoy Tk	Central Electrochemical Research Institute (CECRI)	Computational aspects of various metal complexes of 4-(2,2';6',2',2''-terpyridine)-4-mercaptobenzoic acid ligand
86	P-1158	Dr.Suman Kushwaha	IIT Madras	A Non-platinum Counter Electrode, MnN ₄ /C, for Dye-Sensitized Solar Cells Applications
87	P-1160	Dr.Rajeswarapalanichamy R	NMSSVN College, Madurai	First Principles Study of Li- Based Semiconducting Half Heusler Compounds LiScZ (Z = Ge, Si)

88	P-1163	Mr.Kotagiri Ganga Prasad	IIT Hyderabad	Electronic structure, dielectric and ferroelectric properties of AgNbO ₃
89	P-1164	Dr.Avinash Avadhutrao Ramteke	Devchand College, Arjunnagar, Maharashtra	Interaction in Solution of Chlorine Content Pyrazoles with Copper and Terbium Metal Ions at Different Concentrations by Using Ultrasonic Wave
90	P-1165	Mr.T Kesavan	SRM University, Chennai	Facile Synthesis of MnO ₂ Nanorods as Promising Electrode Material for Supercapacitor Applications
91	P-1166	Mr.T Partheeban	CSIR-CECRI, Karaikudi	Experimental and Theoretical Investigations of Tuneable Structural and Electronic Properties of C ₆₀ Nanostructures
92	P-1167	Mr.Moorthi L	SRM Research Institute, Chennai	Platinum based ternary alloy electrocatalyst for enhanced oxygen electro-reduction
93	P-1168	Prof.M. Sasidharan	SRM University, Chennai	Fabrication of Indium Oxide (In ₂ O ₃) Nano-Hollow Spheres as Anode Materials for Lithium-ion Batteries
94	P-1169	Mrs.Jenefer V	SRM University, Chennai	Reduced graphene oxide supported metal doped TiO ₂ nanoparticles for improved antimicrobial activity under visible light irradiation
95	P-1170	Mrs.Anita Rani	Guru Nanak College For Girls, Sri Muktsar Sahib, C.G	Study of Hydrostatic Pressure effect on the Structural Electronic and Magnetic Properties of Ga _{0.75} Cr _{0.25} N
96	P-1171	Mrs.Kirandish Kaur	Guru Nanak College For Girls, Sri Muktsar Sahib, C.G	Study of structural, elastic, electronic and magnetic properties Ga _{1-x} Cr _x P and Ga _{1-x} Mn _x P
97	P-1172	Mr.Priyanath Mal	Guru Ghasidas Vishwavidyalaya, C.G	Temperature dependent Raman studies for topological insulator GeBi ₄ Te ₇
98	P-1173	Mr.Sabarikirishwaran P	SRM University, Chennai	Vibrational Insight on Defective and Doped Graphene: First Principle Study
99	P-1174	Mr.Chenrayan Senthil	SRM University, Chennai	Fabrication of Indium Oxide (In ₂ O ₃) Nano-Hollow Spheres as Anode Materials for Lithium-ion Batteries
100	P-1175	Mr.Manojit De	Guru Ghasidas Vishwavidyalaya, C.G	Synthesis and Structural investigation of RNbO ₃ (R=Na, K and Li); Next generation photovoltaics
101	P-1177	Ms.Priyadarshini M	IIT Madras	Effect of annealing ambient on SnO ₂ thin film transistors

102	P-1179	Ms.Krati Joshi	CSIR-Central Electrochemical Research Institute, Karaikudi	Expounding the Performance of Doped MAu _n Clusters (n= 4, 5, 6, 7, 8 and 16 M=Ge, Si) at Finite Temperatures: A BOMD Investigation
103	P-1180	Mr.Veerababu Medabalmi	IIT Madras	Lithium salt of biphenyl tetracarboxylate as an anode material for Li/ Na-ion batteries
104	P-1181	Ms.Poonam Khade	Barkatullah University, Bhopal	Synthesis of chalcogenide nanomaterials with improved thermoelectric behavior
105	P-1182	Dr.Dsajan	Bishop Moore College Mavelikara, Kerala	Growth, Molecular Structure, NBO analysis, Vibrational Spectra and Nonlinear Optical Properties of L-Arginine Hydrobromide Monohydrate single crystal
106	P-1183	Mr.Malaya Kumar Sahoo	IIT Madras	Effect of nitrogen doping on mesoporous carbon material for electrochemical supercapacitor applications
107	P-1185	Mr.M Satyanarayana	IIT Madras	Temperature effect on surface morphology and electrochemistry of LiNi _{0.4} Co _{0.2} Mn _{0.4} O ₂ prepared by LiNO ₃ - LiCl molten salt flux method
108	P-1186	Dr.Sandip Dhondiram Patil	Devchand College, Arjunnagar, Maharashtra	Influence of light absorption in the interaction of Gaussian laser beam in cold quantum plasma
109	P-1187	Dr.Borra Rajesh Kumar	Gitam University, Visakhapatnam, A.P	Determination of optical dispersion parameters of nanostructured zinc aluminium oxide thin films
110	P-1188	Mr.A John Peter	B.S.Abdhur Rahman University, Chennai	Luminescence Properties Of Novel Li ₃ ba ₂ gd ₃ (Moo ₄) ₈ :Re ³⁺ (Re ³⁺ = Pr ³⁺ , Sm ³⁺) Red Phosphors For W-Led Applications
111	P-1189	Dr.Basireddy Hymavathi	Anil Neerukonda Institute of Tech. and Science	Electrical conductivity and single oscillator model properties of nanostructured Cr doped CdO thin films
112	P-1190	Dr.Ambigapathy Suvitha	Sastra University, Thanjavur	Theoretical Predication of inclusion behaviour of Pillarene with nerve agents
113	P-1192	Mrs.B Rekha	SVN college, Madurai	Investigation of Porphyrin Defect Induced Graphene For Hydrogen Storage Applications Using Density Functional Theory
114	P-1194	Dr. Siva	SRM University, Chennai	Optoelectronic and ultra violet detection studies of n-ZnSmO/p-Si Heterojunction Photodiodes

115	P-1197	Mr.Prakhar Bhargava	SRM University, Chennai	Development of Paper based piezoelectric nanogenerators
116	P-1199	Mr.Byeong Sun Jun	Hanyang University, Seoul, South Korea	Theoretical Investigation on the Sorption Properties of Titanium-Oxo Clusters for Carbon Dioxide Separation
117	P-1202	Mr.G H Pujar	Karnatak University, Dharwad, Karnataka	Spectroscopic Signature of Semiconductor QDs: Fluorescence Resonance Energy Transfer from Core-Shell ZnSe/ZnS QDs to Coumarin Laser Dyes
118	P-1206	Mr.Suman Chowdhury	University of Calcutta	A real-space study of random defects in solids : application to disordered graphene
119	P-1207	Mr.Tanay agarwal	SRM University	Development of paper based piezoelectric nanogenerators
121	P-1219	Mr.E Meher Abhinav	SRM University	Strain and Deformations Engineered Germanene Bilayer Sensor by First Principles
122	P-1223	Mr.Shashi Bhusan Mishra	IIT Madras	First Principle Study of CO ₂ adsorption on the anatase TiO ₂ (001) Surface with and without a graphene overlayer
123	P-1224	Mr.AVANISH MISHRA	Indian Institute of Science	Mechanistic Insight into the Chemical Exfoliation and Functionalization of Ti ₃ C ₂ MXene
124	P-1225	Dr.T VIJAYAKUMAR	SRM UNIVERSITY	Vibrational and Electronic Spectra, NBO analysis, Frontier Molecular Orbitals, First order Hyperpolarizability of NLO chromophore(E)-N-(Anthracen-9-ylmethylidene)-4-nitroaniline
125	P-1227	Ms.ALEENA ROSE	SRM University	Electrospun nanofibers of Graphene Oxide/Polyaniline/Polyvinyl alcohol for the fabrication of supercapacitor electrode
126	P-1260	Mr. M. Sabarinathan	SRM University	Influence of Silver on the conductivity and thermoelectric properties of Bi ₂ Te ₃ nanostructures
127	P-1261	Dr. S. Harish	SRM University	Highly efficient photocatalytic degradation of organic dye by ZnO/CuO nanocomposites under visible light irradiation
128	P-1262	Dr. K.D. Nisha	SRM University	Fabrication of highly monodispersed ZnO nanostructures coated photoanodes for enhancement of efficiency in dye-sensitized solar cells
129	P-1263	Dr. J. Archana	SRM University	Hydrothermal growth of monodispersed TiO ₂ nanoparticles for the fabrication of dye-sensitized solar cells
130	P-1264	M. R. Ananthan	IIT Madras	Studies on interface between In ₂ O ₃ and CuInTe ₂ thin films

131	P-1265	Aisulu Abuova	L.N. Gumilyov Eurasian National University, Kazakhstan	DFT Modeling of Electronic Properties of Doped β -NaYF ₄
132	P-1266	Dr. Talgat M. Inerbaev	L.N. Gumilyov Eurasian National University, Kazakhstan	Theoretical Modeling of Double Alkaline-alkaline Earth Carbonates