

CONDENSED MATTER PHYSICS AND MATERIAL SCIENCE

Sl. No	Name	Title	Mode (Oral/Poster)	Online/Offline
1.	L Herojit	Investigations on the weak magnon mode in hematite	Oral	Offline
2	Shrikrupa K. Chavan	Solvatochromism and Dipole Moments in Ground and Excited states of C152A Dye in Aqueous Ethanol	Poster	Online
3	Barnali Pathak	Shell induced optoelectronic characteristics of chemically synthesized PbO/ZnO core/shell nanocomposites for memcapacitive application	Poster	Offline
4	Kakoli Doloi	Enhancement in electrical conductivity of microporous UiO-66 on loading metal oxide nanoparticles	Poster	Online
5	Dr. Suparna Bhattacharjee	A Comparative Study on the Characteristics of ZnS/ZnO and ZnO/ZnS Core/Shell Heterostructures	Oral	Online
6	Rajib Kumar Basumatary	Surface Topography and Surface Roughness Study of CoTbNi Alloy Thin Films using 3D Optical Profilometer	Poster	Online
7	A.Deepak Sharma ¹	Structural and dielectric properties of lead free BiFeO ₃ /NiFe ₂ O ₄ multiferroic heterostructure	Oral	Offline
8	Lourebam Shantibala Devi	Study of Optical Properties of CaF ₂ : Dy Nanoparticles synthesized by Chemical Co-Precipitation Method	Poster	Offline
9	L. Anju Chanu	A comparative study on the photocatalytic performance of ZnO and ZnO/CuO nanocomposites synthesized by two different methods	Poster	Offline
10	Elangbam Churchill Singh ¹	Study on the electrical and magnetic properties of Zn doped NiFe ₂ O ₄ Nanomaterials	Oral	Offline

11	T. Suma Chanu	Effect of ZnO nanoparticles content on the charge transport properties of PVA/ZnO nanocomposites	Poster	Offline
12	M. Franco Singh	Study of electrical properties of Mn doped NiFe ₂ O ₄ ceramics	Poster	Offline
13	Binarani Khundrakpam	Structural, magnetic and Optical properties of CoFe ₂ O ₄ thin film annealing at different temperatures deposited on glass substrates	Poster	Offline
14	Sh. Anju Devi	Photocatalytic efficiency of PVDF based binary and ternary nanocomposites of metal sulfides: A comparative study	Oral	Offline
15	Salam Anilkumar Singh	Analysis of Structural and Optical properties in Co doped Mn, Gd in Bismuth Ferrite (BiFeO ₃) Thin Films prepared by Sol-Gel Technique.	Oral	Offline
16	Susmita Baruah	Investigation of electrochemical properties of Polyaniline-Polyvinyl alcohol composite nanofibers prepared by electrospinning	Poster	Online
17	L. C. Sonia	Optical, magnetic and spin resonance studies of MFe ₂ O ₄ (M = Mn, Co, Zn) ferrites	Oral	Offline
18	Rituparna Hazarika	Electronic Structure Alteration in MgO Monolayer through Alkali Metal Doping	Oral	Offline
19	Pranjal Nath	Ammonia gas sensing by silicon nanowires (SINWs)-polyaniline (PANI) heterostructure	Oral	Online
20	Rituraj Mahanta	Investigation of visible light photocatalysis effect of SnO ₂ nanoparticles.	Oral	Online
21	Bishwajit Boruah	Adsorption and Dissociation of H ₂ on TMMg ₃ (TM=Pd, Pt) Clusters: First Principles Study	Poster	Offline
22	Radha Narzary	Influence of co-doping in tailoring the crystal structure, optical and transport properties of	Poster	Online

		(Na/Mg) co-doped TiO ₂ compounds for optoelectronics applications		
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