

**National Conference on**  
**"Advances on Condensed Matter Physics (ACMP-2020)"**  
**List of Participants Selected for Poster Presentation**

Sl No	Reference Number	Name of the Participant	Affiliation	Poster Title
1	ACMP-PP-01	Mrs. Subhalaxmi Das	Deogarh college, Deogarh	Theoretical study of phase diagram on superconductivity in high Tc Superconductors
2	ACMP-PP-02	Biswa Ranjan Mishra	Centurion University of Technology and Management, Bhubaneswar	Study the superconductivity gap in Magnesium Diboride Superconductors(MgB <sub>2</sub> ).
3	ACMP-PP-03	Saraswati Pradhan	Centurion University of Technology and Management, Bhubaneswar	Study of de-Gennes factor and effect of doping on Superconductivity in Rare Earth Nickel borrocarbide superconductors
4	ACMP-PP-04	P L Deepti	VSSUT, Burla	Functional Properties of <sup>PbBi<sub>2</sub>V<sub>2</sub>O<sub>9</sub></sup>
5	ACMP-PP-05	Sunita Dhar	Centurion University of Technology and Management, Bhubaneswar	Study on the effect of addtion of Graphene in the matrix of Silicon
6	ACMP-PP-06	Dinseh Kumar Panda	National Institute of Science Education and Research, Bhubaneswar	Decoherence study in bipartite open quantum systems
7	ACMP-PP-07	Sonali Pradhan	Raja Ramanna Centre for Advanced Technology, Indore	Strong electric and magnetic coupling in ferrite-based polymer nanocomposite film at room temperature
8	ACMP-PP-08	Rajendra Meher	School of Physics, Sambalpur University	Cerium modified single perovskite CaMnO <sub>3</sub> : Structural, dielectric and transport properties
9	ACMP-PP-09	Rozalin Panda	Utkal University, Bhubaneswar	Low temperature synthesis of embedded AgInSe <sub>2</sub> nano crystallites in an amorphous Matrix
10	ACMP-PP-10	Geetanjali Biswal	VSSUT, Burla	Structural and Electrical studies on Pb 0.98 Nd 0.02 (Fe 0.5 Nb 0.5 ) 0.995 O 3 Multiferroic solid solution
11	ACMP-PP-11	Kanhu Charan Naik	GM University, Sambalpur	Coordination driven self-assembled coordination cages from Pd(II) and non-chelating unsymmetric bidentate ligands
12	ACMP-PP-12	Santosh Kumar Barik	Utkal University, Bhubaneswar	One Band Hamiltonian model to study DOS for conduction electrons in Iron Pnictide Superconductora
13	ACMP-PP-13	Adyasha Aparimita	Utkal University, Bhubaneswar	Effect of Bismuth on Structural and Optical Properties of Ge <sub>30</sub> Se <sub>70</sub> Amorphous Thin Film
14	ACMP-PP-14	Alisha Pattanayak	Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar	A First Principle Calculation of Fe-based Superconductor of Cs(FeAs) <sub>2</sub>
15	ACMP-PP-15	Monalisha Priyadarshini Nanda	Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar	First principle density functional calculation of BaCuO <sub>2</sub> superconductor

16	ACMP-PP-16	Rashmi Rekha Mohanta	K.B.D.A.V College, Nirakarpur, Khordha	Synthesis and characterization of lead free NaBiTiO <sub>3</sub> (NBT) ceramics
17	ACMP-PP-17	Anup Pattanaik	IGIT Sarang	Penetration Depth and Sommerfeld Coefficient Anisotropy Arising in Pnictide Superconductor
18	ACMP-PP-18	Subhrasmita Mishra	Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar	Structural, Optical, Electrical and Ferroelectric analysis of a double perovskite: Ba <sub>2</sub> (FeMo)O <sub>6</sub>
19	ACMP-PP-19	Mandakini Baral	Centurion University of Technology and Management, Bhubaneswar	Electronic Properties Calculation of GaN Using Different LDA Functional in DMOL3
20	ACMP-PP-20	Abduleziz ABLAT	Université de Bordeaux, Bordeaux INP, 16 avenue Pey Berland, 33607, Pessac Cedex, France	Electron beam versus thermal deposition of aluminum top electrode for organic solar cells
21	ACMP-PP-21	Dr. F T Dias	Instituto de Física e Matemática, Universidade Federal de Pelotas, Brazil	Scalings and critical exponents in the magnetoconductivity fluctuations of Y <sub>3</sub> Ba <sub>5</sub> Cu <sub>8</sub> O <sub>18</sub> superconductors
22	ACMP-PP-22	Adwit Prasad Sahu	SCS College, Bantala	Synthesis, microstructural, transport and optical properties of a double perovskite
23	ACMP-PP-23	Soniya Boro	NIT Arunachal Pradesh	Structural and Microwave Study of (Mg <sub>1-x</sub> Ni <sub>x</sub> ) <sub>2</sub> TiO <sub>4</sub> Based Microwave Dielectric Ceramics
24	ACMP-PP-24	Dr. Sushant Kumar Sahoo	KIIT Deemed to be University, Bhubaneswar	Built in Polarization field and thermal conductivity of Binary Nitrides
25	ACMP-PP-25	Dr. Pravanjan Mallick	North Orissa University, Baripada	Effect of Mg Doping on the Optical Band Gap and Related Parameters of NiO
26	ACMP-PP-26	Saswati Mishra	Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar	A simple novel method for fabrication of surfactant free hydroxyapatite microsphere
27	ACMP-PP-27	Rinmayee Praharaj	Berhampur University, Berhampur	improving osseointegration and modulating inflammation by incorporating Sr, Mg into nanoporous TiO <sub>2</sub> coating on titanium substrate
28	ACMP-PP-28	Dr. Ajay Kumar Behera	Govt. College, Koraput	Structural and Impedance Spectroscopy of Some Rare-Earth Based New Multiferroic Composites
29	ACMP-PP-29	Khusboo Agrawal	VSSUT, Burla	Impedance and modulus analysis of Mn doped GaFeO <sub>3</sub>
30	ACMP-PP-30	Dr. Biswanath Samantaray	IIT Kanpur	A ferromagnetic resonance study in FeTaC films