

IWAM 2017 ACCEPTED PAPERS

NAME	Address	Title
Aadhityan A	Department of Physics and nanotechnology, Center for material science and nanodevices, SRM University, Kattankulathur, Tamil Nadu, India.	First principle investigation of rectification effect in gold/2,5-dichlorobenzene-1,3-dithiol/gold single molecular junction
A. G. Lone	Department of Physics, Pondicherry University, R.Venkataraman Nagar, Kalapet, Pondicherry – 605014, India	Structural, magnetic and magnetoelectric properties of α -Fe _{1.2} Ga _{0.8} O ₃ system
A.K.Sahu	Seemanta Engineering College, Jharpokharia- 757086, Mayurbhanj, Odisha, India.	The effect of dynamic Jahn-Teller interaction on the Raman peaks in manganites
Abhilash Patra	School of physical Sciences, National Institute of Science Education and Research, Bhubaneswar, 752050	An Assessment of Semi-local Exchange potentials in the Band Gap Calculation
Abhinav Kumar	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab India	Electromagnetic Analysis of 1MJ Class of High Temperature Superconducting Magnetic Energy Storage (SMES) Coil to be used in Power Applications
Abyay Ghosh	Human Resources Development Section, Raja Ramanna Centre for Advanced Technology, Indore 452013, India	Density Functional Theory based first principles electronic structure study on 112 Fe based superconductors : Fermiology and Lifshitz transition
Adyasha Aparimita	Department of Physics, Utkal University, Bhubaneswar, 751004, India	Effect of Bismuth on Structural and Optical Properties of Ge ₃₀ Se ₇₀ Amorphous Thin Film
Ambika Pathak	Organic Materials Laboratory, Department of Chemistry, Indian Institute of Technology Roorkee, Roorkee – 247667, India.	Methyl Substitution as a Facile Approach to Fine Tune Photophysical and Electroluminescence Properties of Benzothiadiazole-Based Emitters
Ambika Ray	Material Research Laboratory, School Of Physics, Sambalpur University, Jyoti Vihar, Burla, Odisha, India 768019	Comparison of dielectric and electrical properties of as-prepared and ion irradiated BiFeO ₃ -PbZrO ₃ composites

Amit Kumar Baghel	Department of Electronics and Electrical Engineering IIT Guwahati	Improving Radiation Efficiency using Metamaterial in Pyramidal Horn Antenna
Ananya Sahoo	Department of Physics, ITER, Siksha 'O' Anusandhan University, Bhubaneswar 751030, India	Exchange Interaction in $Fe_{1-x}Ni_x$ Alloys: XPS Study
Anita Kabi,	School of Chemistry (Autonomous), Sambalpur University, Jyoti Vihar-768019, INDIA	Computational investigation on 1:1 Glycine-Water Complexes
Anita Mekap	Rama Devi Women's University, Bhubaneswar-22, Odisha , India	Dielectric, magnetic and electrical properties of $Zn_{0.5}Cd_{0.5}Fe_2O_4$ ceramics
Anjli Rana	Department of Physics, Himachal Pradesh University, Shimla-171005, India	Raman Study of Ga Doped Ge-S Glassy Alloy
Ankit D.Oza	Dept of Industrial Engineering, Pandit Deendayal Petroleum University, Gandhinagar-382007, Gujarat, India	Traveling Wire Electrochemical Spark Machining: Principle and Possibilities
Anoop Kumar Kushwaha	School of Basic Sciences, Indian Institute of Technology, Bhubaneswar, 751007, India,	Realising the Impact of Fluorination on Potential Window of Carbonate Electrolytes in Li-ion Battery: a First Principles Investigation
Anupam Jana	Dept.of Physics, Osmania University, Hyderabad (TS)-500007, India.	Structural and magnetic properties of $Cr:In_2O_3$ thin films by PLD technique
Aradhana Roy	Liquid Crystal Research Lab, Physics Department, University of Lucknow, Lucknow, India-226007	Quantum Dot Dispersed Ferroelectric Liquid Crystal Illustrating Enhanced Optical Activity and Photoluminescence Intensity
Archana Kumari	Department of Physics, IIT Kharagpur	Effect of Mn doping on structural and magnetic behavior of $Sr_{1-x}Ba_xCo_{2-x}Mn_xO_{5+\delta}$
Arnab Pariari	Condensed Matter Physics Division, Saha Institute of Nuclear Physics, Kolkata	Three-dimensional Dirac Semimetal Cd_3As_2 as a potential candidate for thermoelectric applications
Arpita Paul Chowdhury	Chemistry Department, National Institute of Technology Silchar-788010, Assam, India	SYNTHESIS AND CHARACTERIZATION OF $BiOCl-Cu_2ZnSnS_4$ HETEROSTRUCTURE AND ITS EFFICACY AS PHOTOCATALYST
Ashish Kore	Department of Physics, Visvesvaraya National Institute of Technology Nagpur, Nagpur-440010, India	DFT studies of hybrid halide perovskites based ferroelectric topological insulators (FETI).

Asit Ku. Shadangi	Ramajee Mahavidyalaya, Bhismagiri -761055, Ganjam, Odisha, India.	Theoretical study of dynamic spin susceptibility in f-electron systems in the ferromagnetic state
Ayan Mitra	Solid state Research Laboratory, Department of Physics, Burdwan University, Burdwan- 713104, India	Magnetoelectric properties of Ho ³⁺ and Ti ⁴⁺ co-doped La _{0.9} Ho _{0.1} Fe _{0.9} Ti _{0.1} O ₃
<u>B. Chandra Sekhar</u>	Vignan's Institute of Engineering for Women, Visakhapatnam 530046, India	Preparation, characterisation and PTCR study of Calcium Barium Niobate Ceramics
BHAGYASHREE MUNISHA	Department of Physics, ITER, Siksha 'O' Anusandhan University, Bhubaneswar 751030, India	Fabrication and Electrical Characterization of Nickel based Polyurethane Nano-composites
Bhupendra Pratap Singh	Department of Physics, University of Lucknow, Lucknow-226007 India	Influences on the dielectric and electro-optical properties of nematic liquid crystal doped with the gold nanoparticles
Bikash Patra	1School of Physical Sciences, National Institute of Science Education and Research, Bhubaneswar 752050,	Range separated hybrid density functional using semilocal exchange hole
D. K. Mishra	Department of Physics, ITER, Siksha 'O' Anusandhan University, Bhubaneswar-751030, India	Structural and Electrical Properties of CuNiO ₂ Nanoparticles Prepared by Chemical Route
D. K. Pattanayak	Department of Physics, GIET, Gunupur, Rayagada, Odisha - 765022 (India)	Structural and Optical behavior 'Ba' modified Pb ₂ BiNbO ₆ double Perovskites
D. Surya Bhaskaram	Department of Physics, School of Physical, chemical and applied sciences, Pondicherry University, R.V. Nagar, Kalapet, Puducherry-605014, India	The Facile Synthesis and Electrical Properties of SiO ₂ / Reduced Graphene Oxide Nanocomposite
Deepak Kumar Singh	Bilkent University, Ankara, Turkey	Optical absorption in Monolayer Stanene from the tight binding model
Deshraj Meena	Department of Applied Physics, Delhi Technological University, Bawana Road, Shahbad, New Delhi, Delhi- 110042	Synthesis, characterization and gas sensing properties of the rhombohedral ilmenite CdSnO ₃ nanoparticles
Dhani Nafday	S.N. Bose National Center for Basic Sciences, Kolkata	Tunable Magnetism of Adatoms adsorbed on Bilayer Graphene

<u>Dhruba Das</u>	Department of Physics, Nano Functional Materials Technology Centre and Materials Science Research Centre, Indian Institute of Technology Madras, Chennai 600036, India	As grown nitrogen vacancy centers in diamond by hot filament chemical vapour deposition without ex-situ N ₂ doping
Dinesh Kumar Rathore	School of Mechanical Engineering, KIIT University, Bhubaneswar, India-751024	Temperature dependent interfacial adhesion and its subsequent effect on mechanical performance of carbon nanofiber/epoxy nanocomposite
DivyaVerma	Laboratory of Heterocycles and Nanomaterials, School of Studies in Chemistry & Biochemistry, Vikram University, Ujjain, Madhya Pradesh 456010, India	Synthesis, characterizations and dynamic light scattering study of Fe ₃ O ₄ nanoparticles in aqueous media
Dr, Susanta Kumar Das	Dept. of Physics, School of Applied Sciences, KIIT University, Bhubaneswar, 751024, India	Growth of ZnO nanofibers by chemical bath deposition method
Dr. Abhinav Kumar	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab India	Electromagnetic Analysis of 1MJ Class of High Temperature Superconducting Magnetic Energy Storage (SMES) Coil to be used in Power Applications
Dr. Aditya M. Vora	Department of Physics, University School of Sciences, Gujarat University, Ahmedabad 380009, Gujarat, India	Superconducting State Parameters of In _{1-x} Tl _x Binary Alloys
Dr. Anil Kumar	CSIR-Network of Institutes for Solar Energy, Division of Material Physics and Engineering, Council of Scientific & Industrial Research, National Physical Laboratory, Dr. K.S. Krishnan Road, New Delhi, 110012, India	Ultrafast Hot Electron Charge Carrier Generation in Gold-Graphene System
Dr. Avala Lava Kumar	School of Basic Sciences, Indian Institute of Technology Bhubaneswar, India	X-ray Diffraction Analysis of Ultralow carbon steels to High carbon steels using Rietveld Refinement
Dr. B.K.Sahoo	PG Department of Physics, Government College (Autonomous) Angul, Odisha-759143, India	Study of effective de-Gennes factor on SC critical temperature in mixed rare earth Nickel borocarbide superconductors
Dr. BALAJI RAO RAVURI	High energy materials Research Laboratory, School of Technology, GITAM University, Hyderabad 502329, India	Electrochemical performance of Tin-Vanadate glass anode for sodium ion batteries

Dr. Bibhas R. Sarkar	Department of Chemistry Birla Institute of Technology and Science Pilani Pilani Campus, Vidya Vihar, Pilani, 333031, India	Pd/gC3N4 Nano-composite as efficient catalyst for Microwave Assisted Suzuki-Miyaura Cross-Coupling Reactions in Water
Dr. Dhanalakshmi	Department of Physics, Vignan's Institute of Information technology, Visakhapatnam 530049, India	Multiferroic and magnetoelectric studies on BMFO-NZFO nanocomposites
Dr. Dhiren K. Pradhan	Extreme Materials Initiative, Geophysical Laboratory, Carnegie Institution for Science, Washington, DC 20015, USA	Probing the local and global ferroelectric phase transitions of multiferroic thin films: Mapping the temperature-composition space to confidence
Dr. Dhruvananda Behera	Department of Physics and Astronomy, National Institute of Technology, Rourkela 769008, Odisha, INDIA	Study of Structural and Electrical Conductivity in Bismuth Substituted Nanosized Cobalt Ferrites
Dr. DILIP KUMAR MISHRA	Department of Physics, Faculty of Engineering and Technology (ITER), Siksha 'O' Anusandhan University, Khandagiri Square, Bhubaneswar 751030, Odisha, India	Low energy argon ion irradiation effect on magnetic behavior of polycrystalline Cu substituted ZnO
Dr. Duryodhan Sahu	National Institute of Science and Technology, Palur Hills, Berhampur, Odisha-761008, India.	Synthesis and Characterizations of Novel Narrow Band-gap Thieno[3,4-c]pyrrole-4,6-dione Based Linear to Star-burst D-A Conjugated Oligomers for Bulkheterojunction solar cells
Dr. G. Venugopal Rao	Materials Physics Division, Indira Gandhi Centre for Atomic Research, Kalpakkam – 603102, Tamilnadu, India.	Study of The Thermodynamic Critical Field in Ba(AuH ₂) ₂ Superconductor
Dr. Jaymin Ray	Department of Physics, Uka Tarsadiya University, Bardoli, Dist. Surat, Guajrat 394120, India	Synthesis and characterization of Cadmium Sulphide thin films prepared by spin coating
Dr. K. Hari Prasad	Department of Physics, Pondicherry University, Puducherry-605 014, India	Structural and Electrical conductivity studies of LiMnBO ₃ Nanoparticles
Dr. Kanchan Upadhyaya	Centre of Nanoscience and Nanotechnology, Mahatam Gandhi University, Kottiyam, Kerala India-686560	Effect of Gd ³⁺ codoping on photoluminescence behaviour of Er ³⁺ doped Y ₂ O ₃ phosphor

Dr. Kinjal Patel	Department of Physics, Uka Tarsadiya University, Bardoli, Dist. Surat, Guajrat 394120, India	Effect of annealing time on optical and electrical properties of CdS thin films
Dr. M. N. Prabhakar	School of Mechatronics, Changwon National University, Changwon, South Korea 641-773.	Preparation and study on the properties of Flax fabric/Thermoplastic Cationic Starch Bio-composite
Dr. Manoranjan Behera	Silicon Institute of Technology, Silicon Hills, Bhubaneswar, India	Study on vibrational spectra, dynamic light scattering, zetapotential, and microstructures of fullerene/poly(vinyl pyrrolidone) nanofluids in water
Dr. Muralikrishna Molli	Department of Physics, Sri Sathya Sai Institute of Higher Learning, Prasanthinilayam, India 515134	Doping and temperature dependent thermoelectric properties of NaNbO ₃
Dr. Narayan Sahoo	Department of Electronics and Communication Engineering, National Institute of Science and Technology, Palur Hills, Berhampur – 761008, Odisha, India	Effect of Parabolic Potential on Improvement of Electron Mobility in Hybrid Double Quantum Well Structure
Dr. Nimai C. Nayak	Center for Nanoscience and Nanotechnology, Siksha 'O' Anusandhan University, Bhubaneswar, Odisha, India.	Dielectric and transport behavior of Cenosphere filled Ethylene Vinyl Acetate copolymer composites
<u>Dr. Nipin Kohli</u>	Department of Physics, Guru Nanak Dev University, Amritsar-143005, India	Structural and optical properties of MWCNT-CeO ₂ nanocomposites
Dr. P.S. Sahu	Department of Physics. North Orissa university, Bariada, Mayurbhanj, Odisha, India	Electrical properties of Zr-substituted Ferroelectric Ceramics
Dr. Pankaj Kumar Tripathi	Post-Doctoral Fellow (DSKPDF-UGC, New Delhi) Department of Physics Banaras Hindu University Varanasi-221005 UP, India.	Dispersion of silica nanoparticles in ferroelectric liquid crystal
Dr. Paramita Dutta	Institute of Physics (Condensed Matter Theory group, Bhubaneswar, Odisha 751005	Thermoelectric properties of a ferromagnet – superconductor hybrid junction: Interplay of barrier, polarization, and Rashba spin orbit interaction

Dr. PiyushR Das	Department of Physics, Veer Surendra Sai University of Technology, Burla-768018, Sambalpur, India	Impedance and Modulus Analysis of Na ₂ Pb ₂ Nd ₂ W ₂ Ti ₄ V ₄ O ₃₀ Ferroelectric Cerami
Dr. R L Hota	Department of Physics Central Institute of Technology Kokrajhar, BTAD, Assam - 783370, India	Theory of magnetization in Pb _{1-x-y} Mn _x SnySe: Contributions from local moments and band effects
Dr. Ramakanta Naik	Central Institute of Plastic Engineering and Technology, Bhubaneswar, 751024, India	Optical band gap tuning with Bi and Ag deposition on Bi(Ag)/Sb ₂ S ₃ bilayer thin film
Dr. Ramesh Kumar	Department of Physics, Guru Jambheshwar University of Science & Technology, Hisar	A Theoretical Study of Cu(In,Ga)Se ₂ Solar Cell with efficiency up to 21.65%
Dr. Rashmi Rekha Mohanta	Department of Chemistry, K.B.D.A.V. College, Nirakarpur, Khurdha 752019, Odisha, India	Nano-pattern formation on SrTiO ₃ /Si(111) surface
Dr. Raunak Kumar Tamrakara	Department of Applied Physics, Bhilai Institute of Technology (Seth Balkrishan Memorial), Near Bhilai House, Durg (C.G.) Pin-491001, India	Spectral behaviour of Eu ³⁺ ; Dy ³⁺ codoped Gd ₂ O ₃ phosphor and colour tunability by variation in excitation wavelength
Dr. S. K. Parida	Department of Physics, ITER, Siksha 'O' Anusandhan University, Bhubaneswar 751030, India	Study of mechanical properties of random disordered CuNi alloys
Dr. S. S. Acharya	Department of Physics, ITER, Siksha 'O' Anusandhan University, Bhubaneswar 751030, India	Composition Dependence of Magnetoresistance in Fe _{1-x} Ni _x Alloys
Dr. Saswati Panda	Trident Academy of Technology, F2/A Chandaka Industrial Estate, Bhubaneswar-751021, India.	The Tight Binding Model Study of Boron/Nitrogen doped Graphene
Dr. Satya Prakash Yadav	Department of Physics, Institute of Science, Banaras Hindu University, Varanasi, India-221005	Effect of Carbon Nanotubes on the Response of Ferroelectric Liquid Crystals
Dr. Subhashis Gangopadhyay	Department of Physics, Birla Institute of Technology and Science, Pilani, Rajasthan, India	Zinc Oxide Nano-structures for Gas Sensor Application: From Nano-Wall to Nano-Rod Growth Morphology

Dr.SACHIN SARANGI	Institute of Physics, P.O: Sainik School, Sachibalaya Marg, Bhubaneswar-751005, India	DNA Assisted Synthesis of CdS Nanowires: Anano-bioelectronic device
Dr.Shyamsundar Ghosh	Department of Physics, Bejoy Narayan Mahavidyalaya (The University of Burdwan), Itachuna, Hooghly 712 147, India	Defect-promoted Magnetism in Tin-doped In ₂ O ₃ Nanostructures: An Efficient High-TC Ferromagnetic Semiconductor
Durga Prasad Dash	Department of Electronics and Communication Engineering, National Institute of Science and Technology, Berhampur-761008, Odisha, India	Performance Analysis of Empirical Models over Degradation of Solar Cell Unified to Proton Irradiation
E.Sumalatha	Department of physics, Osmania University, Hyderabad (TS), India-500007.	Nano fern like gold thin films grown by Electron Beam Evaporation Technique
G.Palai	Gandhi Institute for Technological Advancement (GITA), Bhubaneswar, INDIA	Semiconductor Based Nano-Wave guide for Application in Photonic Integrated Circuit
Ganesh C. Paul	Institute of Physics, Sachivalaya Marg, Bhubaneswar, Orissa, 751005, India	Adiabatic quantum transport through superconducting hybrid junctions of Silicene
GEETANJALI PUROHIT	School of Physics, Sambalpur University, Jyoti Vihar, Burla, Odisha	Study of anisotropy properties of penetration depth of optimally doped Ba(Fe _{0.926} Co _{0.074}) ₂ As ₂ single crystal
GOPAL HANSDAH	Dept. of Physics, National Institute of Technology Raipur, GE Road, Raipur-492010, CG, INDIA	Pyroelectric effect and Thermal conductivity of AlN/GaN heterostructures
Ikkurti Radhika	Department of Physics , Osmania University , Hyderabad-500007.	Studies on thermal and structural properties of the nano sediment: Suspensions in the synthesis of methane hydrates
Imtiaz Noor Bhatti	School of Physical Sciences, Jawaharlal Nehru University, New Delhi-110067, India	Structural Characterization and Charge Transport Study in Electron Doped Sr ₂ IrO ₄ : A novel Jeff = ½ insulator
Irshad Ahmad Mir	School of Physical Sciences, Jawaharlal Nehru University, New Delhi-110 067, India	Ultrasensitive Detection of Mercury and Arsenic by Glutathione Capped AgInS ₂ Quantum Dots
Janki Shah	Department of Applied Physics, S.V. National Institute of Technology, Surat 395007, India	Synthesis of Al ₂ O ₃ Nanoparticles from Organic and inorganic Precursors
K Saibaba	Department of Physics, Pondicherry University, Puducherry-605 014, India	Effect of calcination temperature on structural, and electrical conductivity studies of LiMgBO ₃ particles

K. C. Kharkwal	School of Physical Sciences, Jawaharlal Nehru University, New Delhi, India, 110067	Temperature Dependent Structural Investigations in Sr ₂ FeIrO ₆
Karthik S Bhat	Department of Physics, National Institute of Technology Karnataka, P.O. Srinivasnagar, Surathkal, Mangaluru 575 025, India.	Morphology Dependent Electrochemical Performances of Nickel Hydroxide Nanostructures
Kavita Yadav	School of Basic Sciences, Indian Institute of Technology, Mandi, Himachal Pradesh -175005, India	Tuning the magnetic properties of a Heusler alloy Fe ₂ CrAl by Mn substitution at Fe site
Kavya K. Nayak	Department of Physics, National Institute of Technology Karnataka, Surathkal, P.O. Shrinivasnagar, Karnataka 575025, India	Effect of Co(OH) ₂ nanoparticles on the structural and optical properties of Thiourea Barium Chloride single crystals
Keshab Ch. Shadangi	Science (Auto) College, Hinjilicut, Ganjam, Odisha, India, pin-761201.	Microscopic Theory of Raman Spectra in Heavy Fermion Systems in Kondo - lattice Model
khusboo Agrawal	Department of Physics, Veer Surendra Sai University of Technology, Burla-768018, Sambalpur, India	Electrical Properties of New Lead free Na ₂ Ba ₂ Dy ₂ W ₂ Ti ₄ V ₄ O ₃₀ Dielectric Ceramic
Kiran Dawande	Department of Postgraduate Studies and Research in Physics, Rani Durgavati Vishwavidyalaya, Jabalpur, M. P., India (482001).	Current Transients in Poly (Vinyl Formal)) - Polyvinylidene fluoride (PVFO: PVDF) Blends
Kritika Anand	Academy of Scientific and Innovative Research (AcSIR) and CSIR-National Physical Laboratory, Dr. K.S Krishnan Marg, New Delhi-110012	Thermal and Magnetic Property Correlation of Melt-spun MnBi Permanent Magnet Materials
Laxmikant Sadhangi	Department of Physics, Berhampur University	THEORITICAL STUDY OF MAGNETIZATION AND POLARIZATION IN MULTIFERROIC MATERIALS
Lopamudra Satpathy	Centre of Studies in Surface Science and Technology, School of Chemistry, Sambalpur University, Jyoti Vihar – 768 019, India	Solvent Effect on fluoridation of Bromoethane: A Computational Study
M. Shanmugam	Department of Physics, Pondicherry University, Puducherry-605 014, India	Electrical and dielectric properties of LiCoO ₂ thin films grown by RF magnetron sputtering
M.V.Ramana Reddy	Department of physics, Osmania University, Hyderabad (TS) 500007, India	Structural and Photoluminescence properties of Ta: In ₂ O ₃ Thin Films grown by Pulsed Laser Deposition Technique

Maheswari Mohanta	Department of Physics, ITER, Siksha 'O' Anusandhan University, Bhubaneswar 751030, India	Redistribution of valence charge in Cu-Ni alloys: valence band study
Mahfoozurrahman Khan	Department of Applied Chemistry Faculty of Engineering and Technology Aligarh Muslim University ALIGARH-202002 (India)	ELECTRICAL CONDUCTIVITY AND THERMAL STABILITY OF MINERAL ACID DOPED POLYANILINE AND ITS COMPOSITES WITH GRAPHENE, CARBON NANOTUBES
Mihir Ranjan Sahoo	School of Basic Sciences, Indian Institute of Technology Bhubaneswar, India	Spintronics in monolayer-MoS ₂ : A density functional approach
Monisha P J	Department of Physics, BCM College Kottayam, Kerala, India	The existence of bipolaron in Gaussian quantum dots
Mukhtiyar Singh	Department of Applied Physics, Delhi Technological University, Delhi-110042, India	Corroborating the Spin Gapless Character of Ti ₂ MnAl Inverse Heusler Alloy: A study of Strains Effect
Mukta Behera	Department of Physics, Utkal University, Bhubaneswar, 751004, India	Thermal annealing induced diffusion of bismuth at the interface in Bi/As ₂ Se ₃ bilayer thin films
Mukulika Jana Chatterjee,	Department of Physics, Indian Institute of Engineering Science and Technology, Shibpur, Howrah-711103, West Bengal, India	Polypyrrole/nickel doped bismuth selenide composite - a promising polymer based thermoelectric material
Muralikrishna Molli	Department of Physics, Sri Sathya Sai Institute of Higher Learning, Prasanthinilayam, India 515134	Nonlinear Optical transmission of Nanocrystalline Cu ₂ Se in the ultrafast excitation regime
N. Naresh	Department of Physics, Pondicherry University, Puducherry-605 014, India	Structural and Electrical Conductivity studies of NaNiPO ₄ for Sodium-Ion Battery Applications
N. Satyanarayana	Department of Physics, Pondicherry University, Puducherry-605 014, India	Electrospun nanocomposite polymer fibrous membrane electrolyte for DSSC application
Namita Jena	National Institute of Science and Technology, Palur Hills, Berhampur, Odisha-761008, India.	Size Quantization Effect in Water-dispersible LEEH Capped ZnSe Nanocrystals

Namrata Pattanayak	Department of Physics, Indian Institute of Science Education and Research, Dr. Homi Bhabha Road, Pune 411008, India	Quasi-static remanence in hexagonal crystallites of α -Fe ₂ O ₃ : Size Effects
Niranjan Panda	Department of Physics, PKACE, Bargarh, Odisha - 768028 (India)	Electrical Characterization of 'Ba' doped new double Perovskites
Nityasagar Jena	Institute of Nano Science and Technology, Phase-10, Sector-64, Mohali, Punjab-160 062, India	First-principles investigation on the lattice thermodynamic properties of strained two-dimensional monolayer MoS ₂ nanosheet
Nupur Bhakta	Department of Physics, Durgapur Govt. College, Pachim Burdwan, 713214, WB, India.	Effect of Ho and Mn co-doping on structural, Magnetic and Dielectric properties of GaFeO ₃ nanoparticles
Oindrila Halder	School of Basic Sciences, Indian Institute of Technology Bhubaneswar, Jatni -752050, Khurda, India.	Mn Doping Induced Optical and Magnetic Properties of Ultrathin CdSe Nanosheets
P. L. Deepti	Department of Physics, Veer Surendra Sai University of Technology, Burla, Sambalpur, Odisha, India	Structural and Dielectric Studies of PbBi ₂ Ta ₂ O ₉ Ceramics
Padmalochan Panda	Materials Science Group, Indira Gandhi Centre for Atomic Research, Kalpakkam-603102, India	Significance of Cr on mechanical and optical properties of sputtered Al _{1-x} Cr _x N thin films
Poulami Chakraborty	Department of Condensed Matter Physics and Materials Science, S. N. Bose National Center for Basic Sciences, JD Block, Sector – 3, Salt Lake, Kolkata 700 106, India	Manipulating the Mechanical Properties of Ti ₂ C MXene: Effect of Substitutional Doping
Prabhat K. Sahu	School of Chemistry (Autonomous), Sambalpur University, Jyoti Vihar-768019, INDIA	Theoretical investigations towards modulation in electronic properties of poly(thiophenes)
Pratik D. Patel	School of Technology, Pandit Deendayal Petroleum University, Gandhinagar-382007, Gujarat, India	The First principle calculation of Structural, Electronic and Magnetic Properties of Mn ₂ RhSi Heusler Alloy
Pratima Beura	Department of Physics, Sikha 'O' Anusandhan University, Bhubaneswar-751030, Odisha, India	Effect of Coulomb interaction of the impurity on the anti-ferromagnetic magnetisation in cuprates: a theoretical study

Preeti Suman Dash	Department of Physics, Berhampur University	THEORETICAL STUDY OF FREE ENERGY AND SPECIFIC HEAT OF RARE EARTH NICKEL BOROCARBIDE SUPERCONDUCTORS
Renu Gupta	School of Physical Sciences Jawaharlal Nehru University, New Delhi-110067, India	Investigation of structural and magnetic properties of SrRuO ₃ by Ir doping at Ru site
ROSHAN DEV SAHU	Department of Electronics and Communication Engineering, National Institute of Science and Technolog , Palur Hills, Berhampur, Odisha-761008, India.	III-Nitride Multiple QW based Insulated Gate Three Terminal LED for Low Cost Display Applications
Rozalin Panda	Department of Physics, Utkal University, Vani Vihar, Bhubaneswar, 751004, India	Low temperature synthesis of embedded AgInSe ₂ nano-crystallites in an amorphous matrix
Rudranarayan Khatua	Department of Applied Physics, Indian Institute of Technology (Indian School of Mines)Dhanbad, Jharkhand-826004	THEORETICAL STUDY OF CHARGE TRANSPORT IN TETRA HYDROXY PYRENE (THP) BASED ORGANIC SEMICONDUCTOR
S K Panda	K.D. Science College , Pochilima, Hinjilicut, Pin-761101 , Odisha, India	Tight binding model study of the effect of on-site and inter-site Coulomb interactions on the electronic band dispersion of graphene
S. Acharya	Institute of Physics, P.O: Sainik School, Sachibalaya Marg, Bhubaneswar-751005, India	Tuning in Morphology and Structural Properties of ZnO Material
S. Sairam	Department of Physics, Sri Sathya Sai Institute of Higher Learning, Prasanthinilayam, India 515134	Studies on Temperature Coefficient of Resistivity of Graphite–V ₂ O ₅ Nanocomposites
S. Vinoth	Department of Physics, Pondicherry University, Puducherry-605 014, India	Preparation and electrical properties of Li _{1.3} Al _{0.3} Ti _{1.7} (PO ₄) ₃ electrolyte thin films grown by RF magnetron sputtering
S.K. Mohanta	Government College of Engineering Kalahandi, Bhawanipatna -766002, INDIA	Observation of Orbital magnetism of isolated Fe impurities in hexagonal Ag
S.K. Mohanty	Department of Physics, M.H.D. Mahavidyalaya, Chhatia, Jajpur, Odisha, India.	Ferroelectric Phase Transition in K _{0.5} Bi _{0.5} TiO ₃ -NaNbO ₃ New Ceramic
Saddam Husain Dhobi	Tribhuvan University Kathmandu Nepal	Method of Construction of Material that work on all the range of Wavelengths or Frequency or Energy of Photon.

Sanchali Mitra	Fiber Optics & Photonics Division, CSIR-Central Glass and Ceramic Research Institute, 196 Raja S. C. Mullick Road, Kolkata-700032	First principles study of Ag nanoclusters in (SiO ₂) _n - (n=16, 24, 32) scaffold
Sandhya Shrivastava	Department of Postgraduate Studies and Research in Physics, Rani Durgavati Vishwavidyalaya, Jabalpur, M. P., India (482001).	Charging and Discharging Current Study in Polyvinylidene fluoride-Polysulfone (PVDF: PSF) Blends under High Step Field Condition
Sandip R. Kumavat	Advanced Materials Lab, Department of Applied Physics, S.V. National Institute of Technology, Surat 395007, India	Ab initio calculation of structural and optical properties of BaReO ₃ : A strain Engineering
Sangita Kumari Swain	National Institute of Science and Technology, Palur Hills, Berhampur, Odisha-761008, India.	Synthesis of Zero Valent Iron Nano Particle by Co-precipitation and studied of it's for heavy metal removal from waste water.
Sanjib Kumar Mohanty	Department of Physics, M.H.D. Mahavidyalaya, Chhatia, Jajpur, Odisha, India.	Ferroelectric Phase Transition in K _{0.5} Bi _{0.5} TiO ₃ -NaNbO ₃ New Ceramic
Sapariya Samarpita	Department of Physics, Veer Surendra Sai University of Technology, Burla-768018.	Structural and Electrical properties of rare earth doped BFO-STO based solid solutions
Sarita Parmar	School of Studies in Chemistry and Biochemistry, Vikram University, Ujjain (M.P.)	Synthesis, Characterization and application of Cobalt Tungstate nanoparticles in Synthesis of heterocyclic compounds
Saswat Mohapatra	Nanophotonics Lab, Department of Applied Physics, Indian Institute of Technology (ISM), Dhanbad, India-826004	Fabrication of flexible plasmonic sensing device using gold coated optical disc nanograting
Satyajit Ratha	School of Basic Sciences, Indian Institute of Technology, Bhubaneswar 751013, India.	Vanadium Diselenide-reduced Graphene Oxide Hybrid as High Performance Field Emitter
Saurabh Singh	School of Engineering, Indian Institute of Technology, Mandi, Himachal Pradesh -175005, India	Understanding the Thermopower Behavior of LaRhO ₃ Compound Using First Principles Calculations
Seema verma	Crystal Growth & Material Research Lab, Department of Physics, University of Jammu, Jammu-180006 (India)	Growth, Structural, Spectroscopic, Optical and Thermal Characterizations of Magnesium Doped Calcium Tartrate

Shailja Sharma,	School of Basic Sciences, Indian Institute of Technology Mandi, Mandi-175005 (H.P.)	Electronic transport and Magnetic properties of Fe intercalated Bi ₂ Se ₃ compound: Fe _{0.10} Bi ₂ Se ₃
SHAKTI SHANKAR RAY	Department of Applied Physics, Indian Institute of Technology(Indian School of Mines),Dhanbad,Jharkhand, 826004	Interaction of Molecular Hydrogen with Na Doped Closo-Borane(B ₆ H ₆ Na ₂) : A DFT Study
Shivam Kansara	Advance Materials Lab, Department of Applied Physics, S.V. National Institute of Technology, Surat 395007, India	Adsorption of H ₂ S gas molecule on Cu ₄ cluster based on h-BN Sheet
Shreeja Das	School of Minerals, Metallurgical and Materials Engineering, Indian Institute of Technology Bhubaneswar.	Improving Hydrogen Storage in 2D h-BN by Cerium Decoration – A DFT Study
Shreenu Pattanaik	Department of Physics, Faculty of Engineering and Technology (ITER), Siksha 'O' Anusandhan University, Khandagiri Square, Bhubaneswar 751030, Odisha, India	Phase transformation of zirconia at low temperature by Ni substitution
Shubhadeep Pal	Tata Institute of Fundamental Research Hyderabad	Covalently Connected Carbon Nanotubes as Electrocatalysts for Hydrogen Evolution Reaction through Band Engineering
Sisir Chowdhury	Indian Institute of Technology Kharagpur, Kharagpur-721302 India	Analysis of MOCVD Grown Indium Gallium Arsenide Layer on Buffered Silicon Substrate by X-ray Photoelectron Spectroscopy
SK Firoz Islam	Institute of Physics, Sachivalaya Marg, Bhubaneswar-751005, India	Cooper pair splitting in a graphene based beam splitter geometry
Sofi Suhail Majid	Department of Physics, Aligarh Muslim University, Aligarh 202002, India	Structural, electrical and electronic structure studies of coexisting B and M VO ₂ Polymorphs
Spriha Kumari	Department of Physical Sciences, Indian Institute of Science Education and Research, Kolkata, Mohanpur, Nadia 741246, India	Electronic structure of strongly correlated AVO ₃ systems
Subrajeet Rout	Department of Physics, Orissa University of Agriculture and Technology, Bhubaneswar-751003, Odisha, India	Impact of Nitrogen Cold Plasma Treatment on Fibers of Luffa Cylindrica

Subrata Jana	School of Physical Sciences, National Institute of Science Education and Research, Bhubaneswar 752050,	Assessing the Band Gap Problem by Laplacian free Model Exchange Potential: A modified Becke-Roussel Approach
Sukanta Kumar Swain	Centre for Nano Science and Technology, National Institute of Science and Technology, Berhampur-761008, Odisha, India.	ENHANCEMENT OF TRANSMISSION EFFICIENCY IN AN OPTICAL FIBER COATED WITH LEEH CAPED PbS QUANTUM DOTS ON CLADDING.
Sumanta Ku Patnaik	Centre for Nano Science and Technology, National Institute of Science and Technology, Berhampur-761008, Odisha, India.	SYNTHESIS OF LEEH CAPPED CdTe QUANTUM DOTS FOR SOLAR CELL APPLICATION
<u>Sumit Bawari</u>	Tata Institute of Fundamental Research-Hyderabad, 36/P, Serilingampally Mandal, Gopanpally Village, Hyderabad - 500107, India.	Mapping the Hydrogen Evolution Reaction in Graphene-hBN van der Waals Heterostructures
Sunil Kumar Panigrahy	National Institute of Science and Technology, Palur Hills, Berhampur, Odisha-761008	Experimental and Numerical Investigation of Mechanical strength of (MMC) reinforcing with Coconut Shell Ash as a Waste material
Surender Lal	School of Basic Sciences, Indian institute of Technology, Mandi, Himachal Pradesh -175005, India	Thermal Conductivity of Multiferroic Material $\text{YBa}_x\text{Sr}_{1-x}\text{CuFeO}_5$ ($x= 0, 0.25, 0.5$)
Sushant Kumar Behera	Advanced Functional Material Laboratory (AFML), Department of Physics, Tezpur University (Central University), Tezpur-784028, India.	Non collinear Magnetism and Phonon Dispersion Relation in Vacancy Induced Phosphorene Monolayer
Sushree Sangita Jena	Dept of Applied physics and Ballistics, F.M.University, Balasore 756019, Odisha, India	Tight-binding Study of the Frequency and Temperature Dependent Spin Susceptibility of Orbitally Ordered Iron-based Superconductors.
Sushrita Dash	Department of Metallurgical and Materials Engineering, National Institute of Technology Rourkela, 769008, India	Quantum chemical analysis of Hydrogen bonding interaction between Ethylene glycol and bivalent Oxygen and Sulphur
SUSMITA ROY	Saha Institute of Nuclear Physics, HBNI, 1/AF Bidhannagar, Calcutta 700064, India	GIANT LOW- FIELD MAGNETOCALORIC EFFECT IN SINGLE CRYSTALLINE $\text{EuTi}_{0.85}\text{Nb}_{0.15}\text{O}_3$

Tanmoy Basu	Centre for Advanced 2D Materials, Faculty of Science National University of Singapore, Singapore	Probing surface conductivity of ion irradiated single layer graphene
Vellaichamy Joseph	Organic Materials Laboratory, Department of Chemistry, Indian Institute of Technology Roorkee, Roorkee-247667, India.	Near-UV emission from asymmetrically 2,7-disubstituted carbazole derivatives: Structure-property relationships
Vijayanandh R	Department of Aeronautical Engineering, Kumaraguru College of Technology, Coimbatore, Tamil Nadu, India.	Experimental Testing and Numerical Simulation on Natural Composite for Aerospace Applications
Vikash Sharma	UGC-DAE Consortium for Scientific Research, University Campus, Khandwa Road, Indore 452001, MP, India.	Synthesis, characterizations and thermoelectric properties of bulk nanostructured lead telluride
Y.Veerawamy	Department of Physics, Osmania University, Hyderabad (TS), India PIN: 500007.	Temperature, magnetic field strength and chromium substitution effect on the magnetic properties of cobalt ferrite nano particles

NB: Furnish your accomodation request and complete your registration process through our website by 30th November 2017, Accomodations are not available in Hostels at present