

Accepted Poster Presentations

1. *“Thermoluminescence Study of Gamma Irradiated Tb-Doped SnO₂ Nanostructures”*, Gurpreet Singh, Guru Nanak Dev University, Amritsar.
2. *“Nanofibrous Electropun Gelatin Vascular Scaffold for Blood Vessel Regeneration”*, Jincy Joy, Indian Institute of Technology Delhi.
3. *“Hide substance-Chitosan-Hydroxyapatite: A novel multifaciated nano-porous bio-composite of industrial wastes origin for efficient removal of dyes”*, Sandipan Chatterjee, CSIR-Central Leather Research Institute.
4. *“Development of PVA/Gelatin based nanofiber scaffold for Potential application in wound dressing”*, Jyoti Ahlawat, Indian Institute of Technology Roorkee.
5. *“Ruthenium(II)-Textured Graphene Oxide Nanocomposite Electrode for Ultra-trace Electrochemical Detection of Arsenite and Arsenate Ions in Water”*, Manju Bhargavi, SASTRA University.
6. *“Exceptional behaviour of nanomaterials and architecture of nanoporous materials and their applied applications”*, Farid Khan, Dr. H. S. Gour Central University, Sagar.
7. *“Synthesis of Ceria doped Graphene Quantum Dots and its applications in supercapacitors”*, Poonam Rani Kharangarh, University of Delhi.
8. *“Electrical Characteristics of Colloidal Graphene Quantum Dots under Optical and Magnetic Fields”*, Sukanta Nandi, Indian Institute of Science, Bangalore.
9. *“Silicon Nano-pillar Fabrication Using HSQ Resist and AMAT Etching Tool, Jinal Kiran Tapar”*, HVPM CoET Amravati.
10. Thickness Dependent Exchange Bias and Gilbert Damping Studies of Py/IrMn Bilayer, Amitesh Singh, Indian Institute of Technology Delhi.
11. Graphene-based thin films for electromagnetic interferences shielding, Pradip Kumar, Chemistry Division, Bhabha Atomic Research Centre, Mumbai.
12. Directional motion of Nanoparticle Laden Droplets on Micro-Fiber Highway, Bhaskarjyoti Sarma, Indian Institute of Technology Guwahati.
13. Luminescence and Solar Cell from Colloidal Cesium Lead Halide Perovskite Nanocrystals, Abhishek Swarnkar, Indian Institute of Science Education and Research Pune.

14. NANOTE(CH)XTILE SENSOR & UV FILTER, Dinesh Kumar Subbiah, SASTRA University.
15. Simultaneous Detection of Dopamine and Epinephrine on Reduced Graphene Oxide-Nickel Oxide Nanocomposite Modified Indium Tin Oxide Electrode, Appan Roychoudhury, Indian Institute of Technology Delhi.
16. Design and Development of Electrochemical Biosensor with V₂O₅ Nano-interface to Detect Methylglyoxal in Human Blood Samples, BHAT LAKSHMISHRI RAMACHANDRABhat, SASTRA UNIVERSITY, THANJAVUR.
17. Metal/Molecule/Semiconductor Junctions-A Theoretical Study vijay kumar lamba
Global College of Engineering & Technology Kahnpurkhui
18. Fabrication of low-cost microfluidic device for controlled synthesis of silver phosphate nanostructures with excellent photocatalytic and anti-bacterial activity, ASTHA SINGH, INSTITUTE OF NANOSCIENCE AND TECHNOLOGY.
19. Charge dynamics in CaMnO₃-based perovskite solar cells, Yogesh Sonvane, Sardar Vallabhbhai National Institute of Technology, Surat.
20. Highly luminescent heteroatom doped carbon quantum dots for ultrasensitive sensing of glucosamine and targeted imaging of liver cancer cells, RAHUL KUMAR DAS, NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA.
21. Electrospun Polyvinylidene Fluoride (PVDF) Nanofibrous Web for Energy Harvesting, Abebe Teka, Indian Institute of Technology Delhi.
22. Nano scale phase separation and co-existence near metal-insulator transition in a compressively strained NdNiO₃ film grown on LaAlO₃, Ravindra Singh Bisht, S. N. Bose National Centre for Basic Sciences.
23. Nanoformulation of Natural Polymers using Honey as the Stabilizing Agent, M.S.Latha, Sree Narayana College, Chengannur.
24. A contrivance based on electrochemical integration of graphene oxide/nickel oxide nanocomposite for bilirubin biosensing, Rachna , Delhi university, Delhi-110007.
25. Thermophoretic Transport of Fluid at Nanoscale, Rakesh Rajegowda, IIT Madras.
26. Theoretical Study on VO₂ Nanowire Structures for Energy Applications, Prabal Dev Bhuyan, St Xaviers College.

27. Tuning The Band Gap Of Colloidal Organolead Bromide Perovskite Nanocrystals By Varying Size Of Organic Cation, Mona Mittal, Indian Institute of Technology Delhi.
28. CuO Nanofibers Rate Dependent Delithiation and Correlation with Surface Chemistry, BINITHA G, AMRITA CENTER FOR NANOSCIENCES AND MOLECULAR MEDICINE.
29. Carrier Transport Mechanism of Ultra-sensitive Nb-doped Titanium Dioxide/p-Si Heterojunction Photodiode, Subodh Kumar Gautam, Inter-University Accelerator Centre, New Delhi.
30. Colorimetric Selective Sensing of Hydrogen Sulfide by using Ag Nanorods Grown by Glancing Angle Deposition Technique, Shashank Kumar Gahlaut, IIT Delhi.
31. Electronic Response of 2D Nanomaterials as Nanovectors for Acetaminophen Chemotherapeutic: A Density Functional van der Waals Study, Ujjal Saikia, Institute of Advanced Study in Science and Technology.
32. Nanofinishing of Complex Surfaces Using Automated multi-axis CNC Ball End Magnetorheological Finishing Machine, Zafar Alam, Indian Institute of Technology Delhi.
33. Dextran Based Antibacterial Nanodressings for Scar Free Wound Healing, Surabhi Singh, Indian Institute of Technology Delhi.
34. Injectable Nano CaSO₄/FGF-18 Incorporated Shear Thinning Chitin-PLGA Hydrogel for Craniofacial Bone Defect Regeneration, Sivashanmugam A, Amrita Center for Nanosciences & Molecular Medicine.
35. Nanoengineering of Bioactive Gels for Human Healthcare, Sadiya Anjum, Indian Institute of Technology, New Delhi.
36. Herbal Approach for the Synthesis of Silver Nanoparticles Using Cinnamon zeylanicum Extract for Antimicrobial Coating, Gideon Jacob, Amity Institute of Nanotechnology.
37. Nano zinc oxide Caused Impaired Sexual Behaviour, Endocrine Disruption and Sub-fertility in Male Japanese Medaka (*Oryzias latipes*), Vinod Paul, Amrita Centre for Nanosciences and Molecular Medicine, Amrita Institute of Medical Sciences, Kochi.
38. A Novel Method of SPR Based SnO₂: GNP Nano-Hybrid Decorated Optical Fiber Platform for Hexachlorobenzene Sensing, Sonika Sharma, Indian Institute of Technology Delhi.
39. Highly Sensitive and Selective Erythromycin Nanosensor Employing Fiber Optic SPR/ERY Imprinted Nanoparticles, Anand Mohan Shrivastav, Indian Institute of Technology Delhi.

40. A contemporary approach for design and characterization of fiber-optic-cortisol sensor tailoring LMR and ZnO/PPY molecularly imprinted film SRUTHI PRASOOD USHA
INDIAN INSTITUTE OF TECHNOLOGY DELHI
41. Study of the Tunability in Surface Plasmon Resonances of Graphene Coated Aluminium/Dielectric Spherical Nano-particles Shivani Bhardwaj Indian institute of Technology Delhi, Delhi India
42. Optical Properties of Silver-Doped ZnO Nanorods Prepared by Hydrothermal Synthesis, Rajesh Kumar Meena, Department of Pure and Applied Chemistry, University of Kota, Kota, Rajasthan.
43. Influence of Y substitution on structural and dielectric properties of La₂NiMnO₆ nanoceramics, Mohd Nasir, Department of Physics, IIT Indore.
44. Modeling and Simulation of Nano-Transistors Optimization of Short Channel Effects, PANKAJ WARBAL, NIT Kurukshetra.
45. Probing the Effect of Clustering of Dopants on Magnetic Properties of Dilute Magnetic Semiconductor Quantum Dots, Mahima Makkar, Jawaharlal Nehru Centre for Advanced Scientific Research.
46. Diffusion Doping and Anomalous Exchange Bias from Magnetic/Non-Magnetic Core-Shell Quantum Dots, Avijit Saha, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore.
47. Photoactive FeS Nanoparticles: Synthesis, Characterization and their Antibacterial Activity on different Clinical and Resistant Skin Bacteria PRAMOD KUMAR
UNIVERSITY OF DELHI
48. Power Dependent Photoresponse in MoS₂ GaN heterojunction, Monika, IIT Delhi
49. Redox Responsive Polymeric Nanocarriers For Breast Cancer Therapeutics, ARUN KUMAR, Indian Institute of Technology Delhi.
50. Tin Chalcogenide thin films: Optimization of structural, optical properties and photoelectrochemical Response, Navpreet, Indian Institute of Technology Delhi.
51. Two Dimensional SnO₂ Nanoplates for Efficient Photo-electron Transport in Excitonic Solar Cells, Mariyappan Shanmugam, Centre for Nanosciences and Molecular Medicine, Amrita University.

52. Effect of 2D Interface on the Electrical and Thermoelectric properties of Bi₂Te₃:MoS₂ and Sb₂Te₃:MoS₂ nanocomposite, MUJEEB AHMAD, Indian Institute of Technology Delhi.
53. Nano-thera-nostics: Targeted Delivery And Genosensing Of Gliotoxin, Ira Bhatnagar, Center for Cellular and Molecular Biology.
54. Designing of Microdevices Based Sensor for Low ppm Acetone, Chetan Kamble, VJTI, Mumbai.
55. Targeted Delivery System for Cancer Cells Consist of Multiple Ligands Conjugated Genetically Modified CCMV Capsid on Doxorubicin GNPs Complex, Subhash Chandra Yadav, All India institute of Medical Sciences (AIIMS) New Delhi.
56. Artificial Photosynthesis using Semiconductor Nanostructures Somnath Chanda Roy
IIT Madras
57. Development of Fly Ash Based Green Concrete Using Nano-Silica, SAMEER VYAS, Central Soil and Materials Research Station, New Delhi.
58. Manipulating the Mechanical Properties of MXene: Effect of Substitutional Doping, Poulami Chakraborty, S. N. Bose National Centre for Basic Sciences.
59. Fluid flow in nanopores: Insight from molecular simulations, Alan Sam, Indian Institute of Technology Madras.
60. Surface Potential and Junction Properties of CVD Grown MoS₂ Domain Based Junctions, Vishakha Kaushik, Indian Institute of Technology Delhi.
61. Effect of Nanoinclusions on Structural, Electrical and Thermal Properties of Bi₂Te₃ Nanocomposite Thin Films for Thermoelectric Applications, Khushboo Agarwal, Indian Institute of technology Delhi.
62. Green approach for the fabrication of inorganic nanoparticles and some of its application in treatment of organic pollutants., David Singh, NIT Manipur.
63. Stimuli Responsive Gelatin Nanoparticles For Managing Fungal Keratitis , Saad Mohammad Ahsan, Centre for Cellular and Molecular Biology.
64. Controlled growth of variable density edge-oriented MoS₂ few-layers and their surface energy and hydrogen gas sensing studies, Abhay Vivek Agrawal, IIT Ropar.
65. Multifunctional Nano-objects using Self Assembly of Block Copolymer/Nanoparticles Hybrids, Sajan Singh, IIT Delhi.

66. Enhanced Electrochemical Performance of Electrospun SiO₂ Nanofibers as Binder-Free Anode, Tejassvi Pakki, International Advanced Research Centre for Powder Metallurgy & New Materials.
67. Graphene-Modified Electrodeposited Dendritic Porous Tin Structures as Binder Free Anode for High Performance Lithium-Sulfur Batteries, E. Hari Mohan, International Advanced Research Centre for Powder Metallurgy & New Materials.
68. Scope of Using Nanomaterials in Pavement Engineering, Saqib Gulzar, Indian Institute of Technology Delhi.
69. Current induced ferromagnetic resonance in patterned Py/ β -Ta heterostructure, DHANANJAY TIWARI, Indian Institute of Technology Delhi.
70. Scope of Using Nanomaterials in Pavement Engineering, Hazratullah Paktin, Indian Institute of Technology Delhi.
71. Stability in time of the parametric synchronization in a spin-torque nano-oscillator based on a magnetic tunnel junction, Raghav Sharma, Indian Institute of Technology Delhi.
72. Direct Evidence of Tunable 1D Superlattice in Graphene Probed by Magneto-capacitance Measurements, Manabendra Kuri, Indian Institute of Science Bangalore.
73. Quantum and Sub-Quantum Conductance in Conducting Filaments in Nb₂O₅ Based Resistive Switching Devices, Sweety, CSIR-NPL, New Delhi.
74. Capability of oxygen related defects in controlling the water wetting properties of metal oxide nanostructure, Kavita Yadav, IIT Delhi.
75. Nanoscale KPFM Characterization of Secondary Phases in CZTSe Thin Films, Manoj Vishwakarma, IIT DELHI.
76. Growth rate optimization and spin-orbit torque study in sputtered CoFeB/W bilayer structures, Rajni Bansal, IIT DELHI.
77. Multi-functional Iron Oxide Nanocarriers for Tumor-Targeted Drug Delivery, PRABAHARAN MANI, Hindustan Institute of Technology and Science, Padur, Chennai.
78. Structural, electric, magnetic, optical limiting, Photocatalytic and antibacterial studies of BiFeO₃-NaNbO₃-PMMA film composites prepared by solvent casting, Rehana, Mahatma Gandhi University.
79. Synthesis of mesoporous TiO₂ and its role as a photocatalyst in degradation of indigo carmine dye, Devendra Ahirwar, Dr. Hari Singh Gour Central Univesirty, India.

80. Green Synthesis of Iron Hexacyanoferrates Nanoparticles: Degradation of Polycyclic Aromatic hydrocarbons, Uma Shanker, Dr B R Ambedkar National Institute of Technology Jalandhar, Punjab.
81. Imaging Light-Matter Interactions in Semiconductor Nanostructures: Optically Coupled Scanning Probe Microscopy, Avinash Patsha, Indira Gandhi Centre for Atomic Research (IGCAR)-Kalpakkam.
82. CeO₂/TiO₂ Heterojunction as an Inexpensive Photoanode in Photoelectrochemical Water Splitting, Dipika Sharma, Indian Institute of technology Delhi.
83. Formation of self ordered porous alumina membrane with hexagonal lattice arrangement for the growth of one-dimensional CdTe nanostructures, Harsimran Singh Bindra, Amity Institute of Nanotechnology, Amity University, Uttar Pradesh, India.
84. Structural, Optical and Photoelectrochemical Properties of Nanostructured MoO_x Thin Films Prepared by Reactive RF Sputtering, Nisha Kodan, IIT Delhi.
85. Synthesis, Characterization And Optimization Of Mesoporous Silicon Dioxide Nanoparticles For Drug Delivery Applications, Neetu Malik, Maharishi Dayanand University, Rohtak.
86. Nanoscale Electrical Characterization of Graphene/Si Schottky Diodes Using Scanning Probe Microscopy, Chandra Shakher Pathak, IIT Delhi.
87. Effect of Metal Doping on Structural, Optical and Photocatalytic Properties of ZnO Nanostructures, KUMARI JYOTI, NIT KURUKSHETRA.
88. Nanotechnology: an emerging field in development of computer science and sensors, Navin chaurasiya, baba shahib bhimrao ambedkar, a central university Lucknow.
89. Temperature dependent tunable optical and transport properties of PbS thin films synthesized by chemical bath deposition, Rekha Bai, Indian Institute of Technology Delhi, New Delhi.
90. Improvement in electrical property by controlling the grain size using RF superimposed DC sputtering in Aluminium doped Zinc Oxide, Naveen Kumar, IIT Ropar.
91. Time to Remove Nanoparticles from Water, But How?, TROPITA PIPLAI, Indian Institute of Technology Delhi.
92. Morphology controlled synthesis of Molybdenum oxide Nano-electrocatalysts in deep eutectic solvent for hydrogen evolution reaction, Shwetambara jha, Indian Institute of Technology

93. Efficient Photoelectrochemical Water Splitting of Hematite Dendrimers with Nickel Doping, Soniya, IIT DELHI.
94. Optimized Biocathode for Enzymatic Biofuel Cell using various Pencil Leads coated with MWCNT and PANI, B. Madhavi, Birla Institute of Technology and Science(BITS), Pilani - Hyderabad Campus.
95. Solvent-free, mechanochemical syntheses of bulk tribromide perovskites and their nanoparticles, Atanu Jana, Indian Institute of Technology Delhi, India.
96. Fabrication and Characterization of Silicon Field Emitter Arrays Ankita Rani IIT Delhi
97. Dynamically Generated Pure Spin Current In Chemical Vapor Deposited Graphene, RAHUL GUPTA, Indian Institute of Technology Delhi.
98. Study of Activated Carbon obtained from Rice Husk and its Electrochemical Analysis, BHAVYA JOSHI, NIT KURUKSHETRA, HARYANA-136119.
99. Nitrate Detection Using CNTs/Cu-Nanoparticles Composite Decorated on Silver Thin Film on a Fiber Optic SPR Probe, Anisha Pathak, IIT Delhi.
100. pH Responsive Self-Assembled Organic-Inorganic Ellipsoidal Nanocarriers Ramya D SASTRA University, Thanjavur. Tamilnadu 613401.
101. Mixed Dimensional Heterostructures Based on 2D MoS₂ Layers, Intu Sharma, IIT Delhi.
102. Hybrid Nano-Interfaced Glucose Biosensor for Monitoring Cancer Cell Proliferation in 2D and 3D Pancreatic Cancer Models, Madhurantakam sasya, SASTRA UNIVERSITY.
103. Interconnection of Charge Neutrality Level with Electronic Structure and Its Modification upon Electronic Excitation, Arkaprava Das, Inter University accelerator centre.
104. SILAR Grown Twisted ZnO Nanowires as Ammonia Sensors, Parthasarathy Srinivasan SASTRA University.
105. Fabrication of Robust and Flexible Ag Nanorod Arrays SERS Substrates, Samir Kumar IIT Delhi.
106. Thermal Conductivity Study of Fe₂O₃ nanofluids, Ramvir Singh, University of Rajasthan.
107. Electrochemical detection of Hg²⁺, Pb²⁺, Cd²⁺ ions in water using functionalized iron oxide nanoparticles, Sujit Deshmukh, SHIV NADAR UNIVERSITY.
108. Point-of-care electrochemical platform for real-time detection of muscular stress, Vishwanath Kalyani Indian Institute of Technology, Bombay.

109. Magnetite Nanofiber for Catalytic Applications, Kalluri V.S. Ranganath, Guru Ghasidas Central University, Bilaspur.
110. Investigations on sol-gel derived nanocrystalline $\text{Cu}_2\text{ZnSnS}_4$ thin films, Kusum Rawat, Department of Electronic Science, University of Delhi South Campus.
111. Synthesis of Metal-bioactive Hybrid Nano-formulation for Synergistic and Selective Toxicity to Bacteria, SANJAY SINGH, INDIAN INSTITUTE OF TECHNOLOGY DELHI.
112. Physical Properties of Co-based Heusler Alloys: Nanostructure and Bulk, PRIYANKA INDIAN INSTITUTE OF TECHNOLOGY DELHI.
113. Study of Nanoplasmonic Effects Inside Perovskite Dielectric Environment, NILESH KUMAR PATHAK, IIT DELHI.
114. Growth of GaN Maze like Nanostructure on Si(111) substrate by Laser Molecular Beam Epitaxy, Prashant Tyagi, National Physical Laboratory.
115. Affordable and Rapid Diagnostic Methods for Infectious Diseases, Nudrat Huda Khan, Indian Institute of Technology Delhi.
116. Affordable and Rapid Diagnostic Methods for Infectious Diseases, Jyoti Sharma, Indian Institute of Technology Delhi.
117. Chromium Oxide Thin Film with Nano-Cracks for the Detection of Preservative Induced Food Poisoning, Madeshwari Ezhilan, SASTRA University.
118. Influence of deposition power on the physical properties of electron beam evaporated nanodimensional SnO_2 thin films, Nitin Kumar, Gautam Buddha University G.Noida (UP).
119. Development of Indigenous Electrode Materials by Large Scale Process for Li-Ion Battery Application, P. M. PRATHEEKSHA, INTERNATIONAL ADVANCED RESEARCH CENTER FOR POWDER METALLURGY AND NEW MATERIALS.
120. Can Nanotechnology be used to handle Plastic Waste Released to Environment?, Tanushree Parsai, Indian Institute of technology.
121. Curcumin Based Multi-functional Carbon Dots For Bio Applications, Tathagata Pal, Indian Institute of Technology Roorkee.
122. MoS_2 Polymer Composite Based Flexible Non-cryogenic Bolometric Sensor Veerpal Kaur, Institute of nano science and technology, Mohali, Punjab, India.
123. Fabrication of Spin injection and Detection Device in a Palladium nano-wire, Shyam Sundar Yadav, Indian institute of science education and research, mohali, India.

124. Strontium Doped Tungsten Cobaltite Cathode for Solid Oxide Fuel Cell, Baijnath, Indian Institute of Technology Delhi.

125. In Situ Nanoscale Tribology of Lubricated Single-Asperity Sliding Contacts, Amit Kumar, Indian Institute of Technology Delhi.

126. Effect of Annealing Temperature on Dielectric and AC Conductivity and Electrical Impedance of $\text{Ni}_{0.5}\text{Co}_{0.5}\text{Fe}_2\text{O}_4$, BRAJESH NANDAN, Indian Institute of Technology Delhi.

127. Intrinsic Strain Dependent Redshift in Optical Band Gap of $\text{Cu}_2\text{ZnSnS}_4$ Nanostructured Thin Films, Mohd Zubair Ansari, Indian Institute of Technology Delhi.

128. Bi_2Te_3 –MWCNT nanocomposite: Synthesis and Thermoelectric properties, Sunil Kumar, Indian Institute of Technology Delhi, New Delhi.

129. Generation of Spin Current by Exciting Magnetization Dynamics in $\text{Bi}_2\text{Se}_3/\text{YIG}$, $\text{Bi}_2\text{Te}_3/\text{YIG}$ and Pt/YIG Bilayers, Shashank Tyagi, IIT Delhi.

130. Nanofillers in PVDF for Enhanced Nanogenerator Performance, Huidrom Hemojit Singh, Indian Institute of Technology Delhi.

131. Comparison of Nano-structured Nickel-Phosphide film on Graphite versus FTO Substrates, Shaik Riyaz Uddien, International Advanced Research Center for Powder Metallurgy and New Materials (ARCI), Hyderabad.

132. Study of Volume Thermal Expansion of Silver (Ag) and Aluminium (Al) FCC Nanomaterials, MEHUL MANU, R.H Government P.G. College Kashipur, Kumaun University, Nainital, Uttarakhand.

133. Surface Engineered Iron Oxide/ Reduced Graphene Oxide Nanocomposites Electrode for Electrochemical Energy Storage Application, GOURAV BHATTACHARYA, SHIV NADAR UNIVERSITY.

134. Observation of Surface Plasmon Polariton in InN Nanostructures using the Near Field Scanning Optical Microscopy, KISHORE KUMAR MADAPU, Indira Gandhi Centre for Atomic Research, KALPAKKAM.

135. Fabrication of ZnO nanostructures grown on Al doped ZnO seed by Continuous spray pyrolysis method: Application in photoelectrochemical water splitting, Rich Kant, IIT Delhi.

136. Photocatalytic Enhancements to the Reduction of 4-Nitrophenol to 4-Aminophenol by Au/AC Nanocatalysts, Ashish Kumar, Thapar University, Patiala, Punjab.

137. GaN for Thermoelectric Applications, Ashish Kumar, IUAC New Delhi.

138. Structural and Magnetic Properties of N Ions Implanted ZnO Thin Films, Parmod Kumar, Inter University Accelerator Centre (IUAC), New Delhi.

139. Structural and Optical properties of Various GaN Nanostructures grown on C-plane Sapphire by Laser Molecular Beam Epitaxy, Ramesh Ch, CSIR-National Physical Laboratory, New Delhi.

140. Numerical Simulation of Plasmon Coupling of Metal Nanoparticles in Perovskite Medium, Sangita Roopak, Indian Institute of Technology Delhi.

141. Methanol Assisted Hydrogen Evolution Reaction by Nano Dendritic Structure, Preeti Chaudhary, IIT DELHI.

142. Polyaniline nanofibers as an Emanating Adsorbent for dye Removal from Effluent, MONIKA DUHAN, DELHI TECHNOLOGICAL UNIVERSITY, DELHI.

143. Organic Fluorescent Dye Encapsulated on Mesoporous Silica Nanoparticles: A Rare Earth Free Phosphor for blue light excited White LEDs, Sourav Das, Indian Institute of Technology (ISM), Dhanbad.

144. Effect of Adding Nanosized Calcium Carbonate as Filler in Soybean Oil Based PU Adhesive, MANJEET MALIK, Delhi Technological University.

145. Exchange coupled hard-soft magnetic ferrites; an efficient microwave absorber, Bijoy Kumar Kuanr, Jawaharlal Nehru University, Special Centre for Nanoscience, New Delhi-110067.

146. Hydrothermally Synthesized Bandgap Tunable SnS Quantum Dots Coated SnO₂ Nanofiber Solar Cells, Mariyappan Shanmugam, Centre for Nanosciences and Molecular Medicine, Amrita University.

147. Synthesis and Characterization of Na_xMnO₂ as Cathode Material for Na-ion Batteries, Mahesh Chandra, Indian Institute of Technology Delhi.

148. Na_xTO₂ (T= transition metals) Nanoparticles and Bulk Materials for Na-ion Batteries, RISHABH SHUKLA, Indian Institute of technology Delhi.

149. Facial Synthesis of Bi₂S₃ Hierarchical Nanostructures for Enhanced Photocatalytic Degradation of Binary Mixture of Organic Dyes, SURBHI SHARMA, INDIAN INSTITUTE OF TECHNOLOGY DELHI.

150. Facile Synthesis of Carbon Nanotubes-metal oxide Nanocomposites for Enhanced Visible-Light-Driven Photocatalytic Performance, DEEPTI CHAUDHARY, Indian Institute of Technology Delhi.

151.Recombinant Pseudomonas aeruginosa azurin, small redox protein with application in molecular electronics, Neeti Kalyani, Indian Institute of Technology Delhi.

152.Charge Transport and Thermoelectric Behavior in Nanoelectronic Devices: Role of Electrode Topology and Molecular Conformation, TALEM REBEDA ROY, SRM UNIVERSITY.

153.A Novel SPR Based Fiber Optic D-sorbitol Biosensor Using SDH Enzyme Entrapped Ta₂O₅ Nanoflowers Assembly, RAVI KANT, INDIAN INSTITUTE OF TECHNOLOGY DELHI.

154.Needle shape CuO Nanoparticles fabricated by green and economical approach, Shah M A, National Institute of Technology Srinagar.

155.Angular Dependence of Spin-Torque Ferromagnetic Resonance Lineshape in Perpendicular Magnetic Tunnel Junctions, Naveen Sisodia, Indian Institute of Technology Delhi.

156.Facile Synthesis of Mesoporous Carbon by Evaporation Induced Self-Assembly as Electrode Material for Supercapacitors with Enhanced Rate Capability, NANAJI KATCHALA, International Advanced Research Centre for Powder Metallurgy and New Materials, Hyderabad.

157.Probing In-plane Anisotropy in Few-layer Rhenium Disulphide Flakes by Low-frequency 1/f Noise Measurement and Unveiling Metal-like Phase in Few-layer Rhenium Diselenide, Richa Mitra, Indian Institute of Science.

158.Hydrotrope induced structural modifications in CTAB/butanol/isooctane/aqueous reverse micellar nanoreactors. SAXS study, VAISHALI SETHI, IIT Delhi.

159.High Sensitive Magnetic Field Sensors for Study of Artificial Spin Ice Systems, Neeti Keswani, Indian institute of Technology, Delhi.

160.Microwave Monolithic Devices using Magnetic Nanostructures, Bijoy Kumar Kuanr, Jawaharlal Nehru University, Special Centre for Nanoscience, New Delhi-110067.

161.Growth of vertically aligned cobalt ferrite nanorods on silicon substrate for tunable microwave notch filter, DEEPANSHU SHARMA, IIT DELHI.

162.Colloidal Syntheses of MoSe₂ Nanosheets and Its Application as Efficient Electrocatalyst in Hydrogen Evolution Reaction, MD SAMIM HASSAN, IIT DELHI.

163.Graphene Quantum Dots: Nanothermometry to Theranostics, Mukesh Kumar Kumawat, Indian Institute of Technology Bombay.

164.Cyclodextrin-Capped Gold Nanoclusters: Synthesis, Biocompatibility and Bioimaging, Jaya R. Lakkakula, Indian Institute of Technology Bombay.

165. A proposed fluxtronic capacitor, Vivek Singh, IISER Mohali.
166. Room Temperature Synthesis of Water Soluble Manganese Doped Iron Oxide Nanoparticles for Application as M.R.I. Contrast Agent, SUMIT PANDEY, NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA HARYANA.
167. Modelling and Simulation of a micro gas preconcentrator with improved performance characteristics for Benzene Gas, PRAKASH CHANDRA MISHRA, NIT KURUKSHETRA.
168. STUDY OF CHARACTERIZATION OF Cu doped ZnO GROWN BY SOL-GEL ROUTE, SONAL KHICHI NIT KURUKSHETRA.
169. HIGH PERFORMANCE PIEZOELECTRIC STRAIN SENSOR FOR STRUCTURE VIBRATION SENSING, ANUJ KUMAR SHAILANI, NIT KURUKSHETRA.
170. Room Temperature Synthesis of Surface Modified ZnO Nanoparticles and its Application in Dye Degradation, Jayanti Mishra, Panjab University, Chandigarh.
171. Synthesis and Characterization of Zinc doped LiMn_2O_4 by sol-gel method as cathode material for Lithium-ion battery, Vivek bansal, NIT Kurukshetra.
172. A Study Of Structural And Electrochemical Properties Of Ni Doped MnCo_2O_4 Nano Rods Synthesized Via Hydrothermal Route, Sneha Upadhyay, NIT KURUKSHETRA.
173. Hydrothermal Synthesis and Characterization of Silica Nanowires Using Rice Husk, An Agricultural Waste, Anuj bathla, Department of physics, NIT Kurukshetra.
174. Proposed Clean Fabrication Process for Gated Nanostructures on Two-Dimensional (2-D) Electron Layers on SrTiO_3 Single Crystals, Soumyadip Halder, Indian Institute of Science Education and Research Mohali.
175. Electrochemical Conversion of CO_2 into CO On less explored Nano Copper Fractal Structures, Nusrat Rashid, Indian Institute of Technology Delhi.
176. Experimental Study of Influence of Patterned Substrates on Miniaturization of Surface Patters in Soft Elastic Films, Surita Basu, Indian Institute of Technology Delhi.
177. Dual Active Ag-SiO₂ Janus Particles for SERS and Catalysis, Kamlesh Panwar, IIT Delhi.
178. INFLUENCE OF POLYMER SOLUTION RHEOLOGY ON MORPHOLOGY OF ELECTROSPUN PVA NANOFIBERS, Deepika Gupta, Indian Institute of technology Delhi.
179. Measuring Inverse Spin Hall Effect of Py/Ta in a Broadband Ferromagnetic Resonance System, AKASH KUMAR, IIT DELHI.
180. Solvent effect on the diversity of CdS nanostructures, Smriti Thakur, IISER Mohali.

181.Implications for Nano-Biointeractions in Cellular Studies, AANSHU DEOKULIAR, INSTITUTE OF CHEMICAL TECHNOLOGY.

182.Nanobiocatalysis in Lipase: An Effective Method of Choice to Enhance its Industrial Applications, Surbhi Jain, Sardar Patel University.

183.Comparative study of cadmium sulfide and cadmium free alternate buffer layers for Cu-Zn-Sn-S solar cell: A Numerical investigation, Kulwinder Kaur, IIT Ropar.

184.Development of a Noninvasive Glucose Sensing System, Amit Kumar Singh, IIT Delhi.

185.Numerical Simulation of $\text{Cu}_2\text{ZnSnS}_4$ Based Solar Cells with CdS Buffer layer by SCAPS-1D, Rihana, Gautam Buddha University, Greater Noida, U.P., India.

186.Static and Dynamic Magnetization Studies on Co-sputtered Co_2MnAl Full Heusler Alloy Thin Films, Vineet Barwal, Indian Institute of Technology Delhi.

187.Tuning Vertical Alignment and Field Emission Properties of MWCNT Bundles, Sreekanth Maddaka, Indian Institute of Technology Delhi.

188.Graphene Boosts Thermoelectric Properties of CoSb_3 compounds, Suchitra, Indian Institute of Technology Delhi.

189.Synthesis, structural and optical properties of 2-dimensional Inorganic-organic hybrid materials, Indraj Singh, Indian Institute of Technology Delhi.

190.Smart Surface Mesh with Reversible Wettability for wastewater treatment, Parul Raturi, IIT DELHI.

191.Enhanced Visible Light Photocatalytic Activity of Green BiOBr Using Plant Extract, Seema Garg, Amity University, Noida.

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