

PROGRAMME SCHEDULE
ICONN-2023 SRM IST, March 27-29, 2023

| DAY – 1 | | 27-03-2023 |
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| MONDAY | | |
| 09:00 – 10:00 | | INAUGURAL FUNCTION |
| 10:00 – 12:15 | | KEYNOTE LECTURES |
| Chair Person | | : Prof. Toru AOKI , Shizuoka University Japan |
| Repertoire | | : Dr. A. Geetha , Department of Physics and Nanotechnology, SRMIST |
| KL1 10:00- 10:45 | Research Activities and Promotions of University-Industry Collaboration in Shizuoka University Prof. Yoshimasa Kawata, Shizuoka University, Japan | |
| KL2 10:45-11:30 | Non-enzymatic glucose detection utilizing an organic transistor functionalized with an artificial receptor Prof. Tsuyoshi Minami, The university of Tokyo, Japan | |
| KL3 11.30-12.15 | Prof. J. Kumar, Vice-Chancellor, Madurai Kamaraj University, India | |
| Greetings 12.15-12.30 | Prof. Makoto Kondo, Vice-President for International Strategy, Shizuoka University, Japan | |
| 12.30 -13:00 | BREAKE | |
| 13:00 – 14:30 | | SESSION – 1A |
| PARALLEL SESSION | | Surfaces, Interfaces and Thin films |
| Chair Person | | : Prof. Yoshiaki Nakamura , Osaka University, Japan |
| Repertoire | | : Dr. S. Venkataprasad Bhat , Department of Physics and Nanotechnology, SRMIST |
| IL1 13:00-13:30 | An overview on Aerospace Nanotechnologies Dr. S.T. Aruna, CSIR-National Aerospace Laboratories, Bangalore, India | |
| IL2 13:30-14:00 | Atomic Layer Deposition of Dielectric Films” and is on SiO ₂ and SiN _x deposition used in the semiconductor industry Dr. Anupama Mallikarjunan, Merckgroup, USA (Taiwan) | |
| CL1 14:00-14:10 (Abstract No. 22) | Interactions between Heat Shock Proteins and DPPG_Cholesterol mixed monolayers <u>Mahesha S</u> <i>Central University of Karnataka</i> | |
| CL2 14:10-14:20 (Abstract No. 35) | Experimental study of the effect of morphological states of laponite ay on barrier properties of composites <u>Asad Abbas</u> <i>IIT Delhi</i> | |
| CL3 14:20-14:30 (Abstract No. 41) | Thermal Diffusivity and Conductivity Measurement of Undoped La ₂ O ₃ Oxide Powder Sample by Photoacoustic Spectroscopy <u>Minarul Islam Sarkar</u> <i>IIT ISM DHANBAD</i> | |

| 13:00 – 14:30 PARALLEL SESSION | | SESSION – 1B Nanobiotechnology |
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| Chair Person : Dr. Arijit Sen, Department of Physics and Nanotechnology, SRMIST | | |
| Repertoire : Dr. Dr. Sanjay Kumar Mehta, Department of Physics and Nanotechnology, SRMIST | | |
| IL3 13:00-13:30 | Designing Hybrid Nanosystems – An AI-based Approach <u>Dr. Shubhabrata Datta</u> <i>SRM Institute of Science and Technology</i> | |
| IL4 13:30-14:00 | Infinite Nanoscience based research possibilities in the field of Dentistry <u>Dr. R. Ramya</u> <i>Saveetha Dental College, Chennai, India</i> | |
| CL4 14:00-14:10 (Abstract No. 61) | Effect of a Naturally Sourced-Nanohydroxyapatite Paste on Adhesive Bonding to Simulated Hypersensitive Teeth-An In Vitro study <u>Vidhya Sampath</u> <i>SRM Dental College</i> | |
| CL5 14:10-14:20 (Abstract No. 101) | Study the Efficiency of Egg Shell derived Hydroxyapatite and Sodium Alginate Nanocomposite (nHAP-SA) Hydrogel Beads for Tissue Engineering <u>V Muthulakshmi</u> <i>University of Madras</i> | |
| CL6 14:20-14:30 (Abstract No. 169) | Efficacy of Synthesized ZnO Nanoparties and Their Application in Antibacterial Activity Against Pathogenic Bacteria <u>Sreela S Nair</u> <i>Hindusthan College of Arts and Science Coimbatore</i> | |
| 13:00 – 14:35 PARALLEL SESSION | | SESSION – 1C ACCMS Symposium on Computational materials, methods and numerical techniques |
| Chair Person : Prof. Hiroshi Mizuseki | | |
| Repertoire : Dr. V.J. Surya, Department of Physics and Nanotechnology, SRMIST | | |
| TL01 13:00-13:35 | Predictable Chemical Reaction Simulator <u>Prof. Yoshiyuki Kawazoe</u> <i>Tohoku University, Japan</i> | |
| IL5 13:35-14:05 | 2D van der Waals heterostructures for metalion battery applications: Insights from first-principles calculations <u>Dr. Darwin Putungan</u> <i>University of Philippines, Phillippines</i> | |
| CL7 14:05-14:15 (Abstract No. 25) | Finite-temperature structures of Cu, Ag, and Au nanousters <u>Manoj Settem</u> <i>Sapienza University of Rome</i> | |
| CL8 14:15-14:25 (Abstract No. 224) | First Principle analysis of NO and SO ₂ adsorption on Monolayer WS ₂ and Fe-doped WS ₂ : Implications for Gas Sensing <u>Poornimadevi C</u> <i>SRM Institute of Science and Technology</i> | |
| CL9 14:25-14:35 (Abstract No. 621) | Potential cell adhesion inhibitor i.e., Histidine-Glycine-Aspartic (HGD) tripeptide as molecular rectifier <u>Gaurav Sikri</u> <i>Guru Namak Dev University, Amritsar</i> | |

| 13:00 – 14:35 PARALLEL SESSION | | SESSION – 1D |
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| Nanotechnology for Energy Harnessing, Transport and Storage | | |
| Chair Person : Prof. Masaru Shimomura, Shizuoka University, Japan | | |
| Repertoire : Dr. R. Annie Sujatha, Department of Physics and Nanotechnology, SRMIST | | |
| IL06 13:00-13:30 | Prospects of Antimony Chalcogenide in Energy Applications Dr. P. Malar SRM Institute of Science and Technology | |
| TL2 13:30-14:05 | Energy Transition in the Context of Climate Change and the Role of Photovoltaics Prof. Anil Kottantharayil <i>IIT Bombay, India</i> | |
| CL10 14:05-14:15 (Abstract No. 31) | Performance of porous NiCo ₂ O ₄ nanofiler arrays derived from bimetallic MOF as anode material for rechargeable Li-ion batteries S Kishore Babu <i>SRM Institute of Science and Technology</i> | |
| CL11 14:15-14:25 (Abstract No. 44) | Petal growth on hexagonal Co ₃ V ₂ O ₈ microstructure for energy storage application Rupali Ashok Kadam <i>Savitribai Phule Pune University</i> | |
| CL12 14:25-14:35 (Abstract No. 048) | Hydrothermal synthesis of Ni ₃ V ₂ O ₈ nanostructures for HER and Supercapacitor application Ramesh Bhausaheb Kharade <i>Savitribai Phule Pune University</i> | |
| 13:00 – 14:30 PARALLEL SESSION | | SESSION – 1E |
| Photonic & Plasmonic Nanomaterials | | |
| Chair Person : Prof. Jun KONDOH, Shizuoka University, Japan | | |
| Repertoire : Dr. S. Yuvaraj, Department of Physics and Nanotechnology, SRMIST | | |
| IL7 13:00-13:30 | Innovation Process of Research Institute of Electronics, Shizuoka University through research activities Prof. Masakazu Kimura <i>Shizuoka University, Japan</i> | |
| IL8 13:30-14:00 | Direct measurement of exceptional points for using quantum echoes in disordered amplifying media. Prof. Sushil Mujumdar <i>TIFR, Mumbai, India</i> | |
| CL13 14:00-14:10 (Abstract No. 006) | Boron Nitride Nanoparticles Based a Label-Free Optical Biosensing Platform using Plasmon-Enhanced In-Situ Ellipsometry Natasha Mandal <i>IIT ISM Dhanbad</i> | |
| CL14 14:10-14:20 (Abstract No. 012) | Voltage Controlled Subluminal Light Propagation in Multiple Quantum Wells Rohit Mukherjee <i>Sarala Birla University</i> | |
| CL15 14:20-14:30 (Abstract No. 288) | Ag Nanoflowers as multi-wavelength SERS active platform Antonio Brancato <i>University of Catania</i> | |
| 13:00 – 14:30 PARALLEL SESSION | | SESSION – 1F |

| Molecular and Nanoelectronics, Nanosensors and Nanoactuators | |
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| Chair Person : Dr. Naonori SAKAMOTO, Shizuoka University, Japan | |
| Repertoire : Dr. K. Janani, Department of Physics and Nanotechnology, SRMIST | |
| IL9 13:00-13:30 | Laser Surface Texturing of Triboelectric Nanogenerators for Smart sensor <u>Prof. I A Palani</u> <i>IIT Indore, India</i> |
| IL10 13:30-14:00 | 2D Nano Materials for Flexible, Stretchable Electronics <u>Dr. Dattatray J Late</u> <i>Amity University, Mumbai, India</i> |
| CL16 14:00-14:10 (Abstract No. 1612) | A new perspective of negative capacitance leading Moores law <u>Deepalakshmi Chandrasekaran</u> <i>TNEB</i> |
| CL17 14:10-14:20 (Abstract No. 1633) | Optimization and performance parameter analysis of a cylindrical nanowire biosensor <u>Vijai Meyyappan</u> <i>MIET Engineering College</i> |
| CL18 14:20-14:30 (Abstract No. 2299) | Synthesis and characterization of Cu ₂ O nanoink <u>Manab Mallik</u> <i>NIT Durgapur</i> |
| 13:35 – 15:05 SESSION – 1G | |
| PARALLEL SESSION | |
| Nanomagnetism and Spintronics | |
| Chair Person : Dr Sujatha Devi P, NIIST, India | |
| Repertoire : Dr. S. Chandramohan, Department of Physics and Nanotechnology, SRMIST | |
| IL11 13:00-13:30 | Temperature-tuned Fermi-surface topology and segmentation in non-centrosymmetric superconductors <u>Dr.Madhuparna Karmakar</u> <i>SRM Institute of Science and Technology</i> |
| IL12 13:30-14:00 | The Edge - What does it take? <u>Mr. G Vivekanand</u> <i>Philips India Ltd., Bangalore</i> |
| CL19 14:00-14:10 (Abstract No. 0023) | Effect of post annealing process on structural, magnetic and spin dynamics properties of ZnFe ₂ O ₄ nanoparticles <u>Arjun Singh</u> <i>CSIR National physical laboratory New Delhi</i> |
| CL20 14:10-14:20 (Abstract No. 0054) | Ferromagnetic to superparamagnetic transition and spin dynamics studies of Co _{1-x} Zn _x Fe ₂ O ₄ nano-ferrites for magneto-optical applications <u>Prashant Kumar</u> <i>CSIR National physical laboratory New Delhi</i> |
| CL21 14:20-14:30 (Abstract No. 0177) | <u>Sahil Dani</u> <i>IIT Ropar</i> |
| 14:35 – 16:05 KEYNOTE LECTURES | |

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| | Chair Person : Prof. Sukanta Kumar Tripathy , Berhampur University, India Repertoire : Dr. Abhay A. Sagade , Department of Physics and Nanotechnology, SRMIST |
| KL4 14:35-15:20 | Dye-sensitized NiO photocathodes modified by Palladium nanoparticles for photoelectrochemical reduction of CO ₂ Prof. Mohamed Jouini <i>University of Paris, France</i> |
| KL5 15:20-16:05 | Ultrafast Spin Dynamics in Nanoscale Engineered Ferromagnetic Structures Prof. Anjan Barman <i>SNBose National Centre for Basic Sciences, Kolkata, India</i> |
| 16:05-17.05 PARALLEL SESSION | SESSION – 2A Nanomagnetism and Spintronics & Nanobiotechnology |
| Chair Person : Dr. Maneesh Chandran , NIT Calicut, India Repertoire : Dr. K. Janani , Department of Physics and Nanotechnology, SRMIST | |
| IL13 16:05-16.35 | Memristive materials: Fundamentals to applications Dr. Tapobrata Som <i>Institute of Physics, Bhubaneswar, India</i> |
| CL22 16:35-16:45 (Abtract No. 1525) | Probing the limit of sodium in 45S5® bioglass for enhanced compatibility, mechanical stability and sustained bioactivity: A systematic study Kalaivani <i>University of Madras</i> |
| CL23 16:45-16:55 (Abtract No. 1684) | Antimicrobial Activity of Zinc Peroxide Nanoparties in Endodontics Ivan Olivares Acosta <i>UABC</i> |
| CL24 16:55-17:05 (Abtract No. 2267) | Machine Learning-Based Toxicity assification and Viability Prediction of Nanomaterials Using Physicochemical Parameters Md Adil <i>IIT Patna</i> |
| 16:05-17.05 PARALLEL SESSION | SESSION – 2B Computational Materials, Methods and Numerical Techniques |
| Chair Person : Dr. Arabinda Haldar , IIT Hyderabad Repertoire : Dr. A. Geetha , Department of Physics and Nanotechnology, SRMIST | |
| IL14 16:05-16.35 | Prussian Blue Nanocube as a targeted multi-modal theranostic agent: fundamental understanding of size, surface modification and doping effect of r1 - r2 relaxivity Dr. Chandan Kumar Ghosh <i>Jadavpur University, Kolkata, India</i> |
| CL25 16:35-16:45 (Abtract No. 0920) | Analysis of Li-Ion Battery Discharge Behavior using ANSYS Fluent Hari Narayanan KR <i>Advanced Research School for TechnologyCentral Ins</i> |
| CL26 | Ab initio Study on the Physical Properties of Co-Based Quaternary Heusler Alloys |

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| 16:45-16:55 (Abstract No. 1025) | <u>Aravindan V</u> <i>Thiagarajar College of Engineering</i> |
| CL27 16:55-17:05 (Abstract No. 1266) | A New Insight into Transition Metal Doped Graphene Nanoribbon for Hydrogen Sulfide Gas Adsorption: First Principle Investigation <u>Jyoti Rani</u> <i>Panjab University</i> |
| SESSION – 2C | |
| PARALLEL SESSION ACCMS Symposium on Computational materials, methods and numerical techniques | |
| Chair Person : Prof. Jer-lai Kuo | |
| Repertoire : Dr. A. A. Alagiriswamy, Department of Physics and Nanotechnology, SRMIST | |
| IL15 16:05-16.35 | First-Principles Modelling of Tritium Diffusion and Trapping in Complex Phases Using Machine-Learned Potentials, <u>Prof. Duc Nguyen Manh</u> <i>United Kingdom Atomic Energy Authority, Culham Science Center, UK</i> |
| CL28 16:35-16:45 (Abstract No. 1408) | A Monte Carlo investigation on the hysteretic behaviour of Ising mixed-spin (1,2) Square Bilayers <u>Soham Chandra</u> <i>Presidency University Kolkata</i> |
| CL29 16:45-16:55 (Abstract No. 1869) | A DFT study on V ₂ CO ₂ decorated with Cu ₃ cluster for Hydrogen Evolution Reaction <u>Maneesha M</u> <i>Cochin University of Science and Technology</i> |
| CL30 16:55-17:05 (Abstract No. 2063) | Order-disorder Coexistence Phases in Equiatomic 3d-transition-metal Quaternary Alloys <u>Hiroshi Mizuseki</u> <i>Korea Institute of Science and Technology</i> |
| SESSION – 2D | |
| PARALLEL SESSION Multifunctional Nanomaterials | |
| Chair Person : Dr. Sundar Mayavan, CSIR- CECRI, Karaikudi | |
| Repertoire : Dr. K. Santhi, Department of Physics and Nanotechnology, SRMIST | |
| IL16 16:05-16.35 | Functional Materials and Nanocoatings for Solar Thermal and PV Applications <u>Dr. S Sakthivel</u> <i>ARCI, Hyderabad, India</i> |
| CL31 16:35-16:45 (Abstract No. 0075) | Enhanced electromagnetic interference shielding performance of CNTs incorporated PVDF/ZnO nanocomposite film <u>Rita Joshi</u> <i>IIT Roorkee</i> |
| CL32 16:45-16:55 (Abstract No. 0083) | Growth and Characterization of p-type Cu ₂ S and Cu ₂ Se Films by Chemical Vapor Deposition <u>De Jin Qiu</u> <i>National Changhua University of Education</i> |
| CL33 16:55-17:05 (Abstract No. 0107) | Structural, Micro structural and optical properties of Co doped ZnO Nano parties <u>Senthilkumar G</u> <i>Thanthai Periyar Govt Arts And Science College</i> |

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| 16:05-17:05 PARALLEL SESSION | SESSION – 2E Nanosensors and Nanoactuators |
| Chair Person | : Dr. E. Senthil Kumar , Department of Physics and Nanotechnology, SRMIST |
| Repertoire | : Dr.B. Gunasekaran , Department of Physics and Nanotechnology, SRMIST |
| IL17 16:05-16.35 | Towards development of nano-enabled SMO-based chemiresistive sensors and their potential use for environmental and food quality status monitoring <u>Prof. Gugu H. Mhlongo</u> <i>South Africa</i> |
| CL34 16:35-16:45 (Abstract No. 0066) | Facile Approach to Synthesize Ag@ZnO Core-Shell Nanocomposites as Ethanol Sensor with High Selectivity and Sensitivity <u>Krishna Dattatraya Bhalerao</u> <i>Kavayitri Bahinabai Chaudhari North Maharashtra</i> |
| CL35 16:45-16:55 (Abstract No. 0078) | Improved detection and sensing of indoor volatile organic pollutants using modified zeolite samples <u>Gawas Pratiksha Prakash</u> <i>SRM Institute of science and technology</i> |
| CL36 16:55-17:05 (Abstract No. 0109) | Selective Recognition of Lead and Cadmium in Potable Water Using Single Polypyrrole Nanowire Decorated with Cobalt Oxide Nanoparticles Electrode <u>Rahul Siddharth Salunke</u> <i>KBC North Maharashtra University Jalgaon</i> |
| 16:05-17:05 PARALLEL SESSION | SESSION – 2F Nanotechnology for Energy Harnessing, Transport and Storage |
| Chair Person | : Dr. S. Saravanan , RenewSys India Pvt. Ltd, Telangana, India |
| Repertoire | : Dr. G. Bakiyaraj , Department of Physics and Nanotechnology, SRMIST |
| IL18 16:05-16.35 | Towards high energy, sustainable and safe rechargeable batteries Belgium <u>Dr. Abdelfattah Mahmoud</u> <i>University of Liège, Belgium</i> |
| CL37 16:35-16:45 (Abstract No. 0049) | Electrochemical, and electrocatalytic study of Co ₃ V ₂ O ₈ and Co ₃ V ₂ O ₈ -CNT composites by hydrothermal approach <u>Sukadeo Laxman Kadam</u> <i>New Arts Commerce And Science College Parner Ahmed</i> |
| CL38 16:45-16:55 (Abstract No. 0058) | Effect of cross-linking interlayer, and light stability of the inorganic halide perovskite solar cell <u>Naba Kumar Rana</u> <i>IIT Bhilai</i> |
| CL39 16:55-17:05 (Abstract No. 0137) | Thermal and Electrical Properties of Nanocomposites of Reduced Graphene Oxide and Silver Nanoparticles <u>Archana Tiwari</u> <i>Banaras Hindu University</i> |
| 16:05-17:05 PARALLEL SESSION | SESSION – 2G Low-dimensional materials, & Nanocomposites and Nanocatalysts |
| Chair Person | : Dr. Deepshikha Jaiswal Nagar , IISER Thiruvananthapuram, India |
| Repertoire | : Dr. Alok Kumar , Department of Physics and Nanotechnology, SRMIST |

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| IL19 16:05-16.35 | Structural, Morphological and Electronic Property Transformations in High Energy Ion Beam Irradiated TiO ₂ Nanorod Arrays <u>Dr. Somnath Chanda Roy</u> <i>IITM, Chennai</i> |
| CL40 16:35-16:45 (Abstract No. 0698) | Defect Studies of ZnFe ₂ O ₄ /MWCNT by Positron Annihilation Lifetime and Doppler Broadening Spectroscopy <u>Sellaiyan Selvakumar</u> <i>University of Tsukuba</i> |
| CL41 16:45-16:55 (Abstract No. 0729) | Real-time electrochemical quantification of H ₂ O ₂ in living cancer cells using Bismuth-based MOF <u>Miriam Daniel</u> <i>SRM Institute of Science and Technology</i> |
| CL42 16:55-17:05 (Abstract No. 0885) | Unravelling the catalytic activity of Co ₂ and Fe ₃ co-doped NiV layered double hydroxide for enhanced oxygen evolution reaction <u>G Srividhya</u> <i>Bharathiar University</i> |
| 17:05-17:50 | KEYNOTE LECTURES |
| | Chair Person : Dr. R. Ramya , Saveetha Dental College, Chennai, India |
| | Repertoire : Dr. Rohit Dhir , Department of Physics and Nanotechnology, SRMIST |
| KL6 17.05-17.50 | Prof. Corrado Di Natale , University of Rome Tor Vergata, Italy |
| 13:30 – 15:00 | POSTER SESSION |
| PARALLEL SESSION | |
| Postertrack1-ICONN23 (CP1-CP200) 17.30-19.00 | Postertrack2-ICONN23 (CP201-CP400) |
| Postertrack4-ICONN23 (CP601-CP800) | Postertrack5-ICONN23 (CP801-CP1000) |
| | Postertrack3-ICONN23 (CP401-CP600) |
| | Postertrack6-ICONN23 (CP1001-CP1200) |

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| DAY – 2 | | 28-03-2023 |
| TUESDAY | | |
| 08.30 – 10:00 | | KEYNOTE LECTURES |
| Chair Person | : Prof. Hiroaki Satoh , Shizuoka University, Japan | |
| Repertoire | : Dr. Tamilselvan , Department of Physics and Nanotechnology, SRMIST | |
| KL7 08:30-9:15 | Green-hydrogen technology platform <u>Dr. John V Kennedy</u> <i>GNS Science, New Zealand</i> | |
| KL8 09:15-10:00 | <u>Prof. M.S. Ramachandra Rao</u> <i>Department of Physics, IIT Madras</i> | |

| 10:00 – 12:15 PARALLEL SESSION | | SESSION – 3A |
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| Multifunctional Nanomaterials, Nanobiotechnology | | |
| Chair Person : Prof. Atsushi Nakamura, Shizuoka University, Japan | | |
| Repertoire : Dr. Angeline Little Flower, Department of Physics and Nanotechnology, SRMIST | | |
| IL20 10:00-10:30 | Functions and Applications of Intrinsically Disordered Proteins in Plant Seeds Prof. Masakazu HARA <i>Shizuoka University, Japan</i> | |
| IL21 10:30 | Design of Multiferroics and Polar metals by first principle calculation and machine learning Dr. Saurabh Ghosh <i>SRM Institute of Science and Technology</i> | |
| IL22 11:00-11:30 | Prof. Mohd Khairul Bin Ahmad <i>UTHM, Malaysia</i> | |
| CL43 11:30-11:40 (Abstract No. 1191) | Metal Organic Frame Works Improves Solubility And Dissolution Rate Of Bcs Ass Ii Drug Nandita Bhowmik <i>Bharat Pharmaceutical Technology</i> | |
| CL44 11:40-11:50 (Abstract No. 1458) | A study of interaction between graphene-based material and bacteria – A toxicological approach Jyotsna Mishra <i>Indian Institute of Technology Bombay</i> | |
| CL45 11:50-12:00 (Abstract No. 1515) | Yb ₃ /Eu ₃ co-doped cubic gadolinium oxide by melamine-assisted co-precipitation method Tamilmani Vairapperumal <i>University of Madras Guindy campus</i> | |
| 10:00 – 12:15 PARALLEL SESSION | | SESSION – 3B |
| Surfaces, Interfaces and Thin films | | |
| Chair Person : Prof. Kazushi Ikeda, NIST, Japan | | |
| Repertoire : Dr. K. Mani Rahulan, Department of Physics and Nanotechnology, SRMIST | | |
| IL23 10:00-10:30 | Transparent thermoelectric materials for energy harvesting Dr. Peter Murmu <i>GNS Science, New Zealand</i> | |
| IL24 10:30-11:00 | Evaluation of in-plane and out of plane orientation of epitaxial thin films using STEM moiré Naonori SAKAMOTO <i>Shizuoka University, Japan</i> | |
| CL46 11:00-11:10 (Abstract No. 0202) | Dewetting of Polystyrene Thin Films in a Liquid Mixture of Solvent and Non Solvent Nidhi Dubey <i>IIT BHU</i> | |
| CL47 11:10-11:20 (Abstract No. 0206) | Solution-Processable NiO Thin Films Memristive Device for Resistive Switching Application Morankar Pritam Jagannath <i>Yeungnam University</i> | |
| CL48 11:20-11:30 (Abstract | Structural and dielectric properties of HDPE-GaFeO ₃ composites Zamzama Rahmany <i>University of Kerala</i> | |

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| No. 0250) | |
| CL49 11:30-11:40 (Abstract No. 0264) | Tailored Bismuth ferrite nanocomposite for EM shielding <u>Poojithav</u> <i>Ethiraj College for Women</i> |
| CL50 11:40-11:50 (Abstract No. 0281) | Investigation of hot corrosion behaviour of bilayer Yb ₂ O ₃ doped Gd ₂ Zr ₂ O ₇ /YSZ thermal barrier coating developed using plasma sprayed coating technique <u>Rajasekaramoorthy M</u> <i>Sathyabama Institute of Science and Technology</i> |
| CL51 11:50-12:00 (Abstract No. 0295) | Morphological and structural study of monodispersive silica nanoparticles for self-eaning applications <u>Krishnapriya Pradhan</u> <i>C V Raman Global University</i> |
| SESSION – 3C | |
| PARALLEL SESSION | |
| ACCMS Symposium on Computational materials, methods and numerical techniques | |
| Chair Person | : Dr. Prof. Darwin Putungan, Department of Physics and Nanotechnology, SRMIST |
| Repertoire | : Dr. Trilochan Sahoo, Department of Physics and Nanotechnology, SRMIST |
| IL25 10:00-10:30 | Order-disorder Coexistence Phases in Equiatomic 3d-transition- metal Quaternary Alloys, <u>Prof. Hiroshi Mizuseki</u> <i>KIST, South Korea</i> |
| IL26 10:30-11:00 | The Role of Computational and Structural Biology in the Face of Pandemics: A Retrospective Review of COVID-19 Strategies <u>Dr. Vannajan Lee</u> <i>University of Malaya Malaysia</i> |
| CL52 11:00-11:10 (Abstract No. 2415) | Structural, electronic and nonlinear optical properties of licochalcone L isolated from licorice root: Computational study <u>Ankit Mittal</u> <i>GLA University</i> |
| CL53 11:10-11:20 (Abstract No. 2284) | Modelling Phase transition of Thermoresponsive Polymers using MOLS technique <u>Abraham Rebaire J</u> <i>University of Madras</i> |
| CL54 11:20-11:30 (Abstract No. 2442) | DFT study of Dysprosium and Tungsten co-doped La ₂ Mo ₂ O ₉ as electrolyte material for solid oxide fuel cell <u>Priyanshu Srivastava</u> <i>Madan Mohan Malaviya University of Technology</i> |
| CL55 11:30-11:40 (Abstract No. 1708) | Morphology and elemental analysis of surface aerosols and its comparison with the satellite measurements <u>Rajitha J Rajan</u> <i>SRM Institute of Science and Technology</i> |
| CL56 11:40-11:50 (Abstract No. 2321) | Enhanced Optical Limiting and Cancer Therapeutic Action of rGO-MoS ₂ Nanocomposites <u>M Abith</u> <i>Bharathidasan University</i> |
| CL57 11:50-12:00 | Examination of phase stabilization, microstructural, and optical properties of aqueous combustion processed high entropy fluorite oxide (Ce _{0.2} La _{0.2} Pr _{0.2} Sm _{0.2} Y _{0.2})O |

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| (Abstract No. 2324) | <u>Ashritha Salian</u> <i>National Institute of Technology Karnataka</i> |
| SESSION – 3D | |
| PARALLEL SESSION | |
| Nanocomposites and Nanocatalysts | |
| Chair Person | : Prof. Yoshinari Kamakura , Osaka Institute of Technology, Japan |
| Repertoire | : Dr. V. Ramesh , Department of Physics and Nanotechnology, SRMIST |
| CL58 10.00-10.10 | Fabrication of NiN _x /C with a tuned N/Ni molar ratio for hydrogen evolution reaction <u>Fangbo Yao</u> <i>Shizuoka University</i> |
| CL59 10.10-10.20 | Densities of pressurized ethanol by MD simulation <u>G. Cai</u> <i>Shizuoka University</i> |
| CL60 10.20-10.30 | A total synthesis method of fairy compounds using modern fine-bubble technology <u>Arun Kumar Manna</u> <i>Shizuoka University</i> |
| IL27 10:30-11:00 | |
| IL28 11:00-11:30 | Development of organic–inorganic hybrid nanocomposite scintillators [14:00 JST] <u>Prof. Masanori KOSHIMIZU</u> <i>Shizuoka University, Japan</i> |
| CL61 11.30-11.40 | Nonlinear optical studies in organic materials <u>Prof. Bipul Pal</u> <i>IISER, Kolkata, India</i> |
| (Abstract No. 0110) | Unravelling of Sulphur Selenium unsaturation in MoS _(2-x) Se _x with efficient acidic and alkaline Hydrogen Evolution Reaction (HER) |
| CL62 11.40-11.50 | <u>Tanbir Ahammed</u> <i>Jadavpur University</i> |
| (Abstract No. 0133) | Structural, Optical and Photocatalytic properties of Er/TiO ₂ - rGO Nanocomposites |
| CL63 11.50-12.00 | <u>Nithyaa Nagarajan</u> <i>Avinashilingam University</i> |
| (Abstract No. 0148) | Ag- Fe oxide as an electrocatalyst for Oxygen reduction reaction <u>Anagha Yatheendran</u> <i>NIT CALICUT</i> |
| SESSION – 3E | |
| PARALLEL SESSION | |
| Green Nanotechnology and Water Treatment | |
| Chair Person | : Prof. Haruhiko Udono , Ibaraki University Japan |
| Repertoire | : Dr. K.D. Nisha , Department of Physics and Nanotechnology, SRMIST |
| IL29 10:00-10:30 | Green organic synthesis using fine bubbles, microwave, and flow technology <u>Prof. Nobuyuki Mase</u> <i>Shizuoka University, Japan</i> |
| IL30 10:30-11:00 | Green Chemistry and Catalysis to Achieve Sustainable Development Goals <u>Dr. Venkata Krishnan</u> <i>IIT Mandi</i> |

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| <p>CL64 11.00-11.10</p> <p>CL65 11.10-11.20</p> <p>CL66 11.20-11.30</p> <p>CL67 11.30-11.40 (Abstract No. 0171)</p> <p>CL68 11.40-11.50 (Abstract No. 0173)</p> <p>CL69 11.50-12.00 (Abstract No. 0174)</p> | <p>Surface acoustic wave based damage evaluation of bridge for structural health monitoring by vibrational analysis using machine Learning <u>Rachana PG</u> <i>Shizuoka University</i></p> <p>Synthesis of Drug loaded Au functionalized Black Phosphorus Nanosheets and Evaluation of Degradation Behavior <u>Udukumbura Mudunkothge Thisari Maleesha Gunathilaka</u> <i>Shizuoka University</i></p> <p>Characterization of nanostructured silica and carbon materials synthesized simultaneously from Japan rice hull char <u>Emie Salamangkit Mirasol</u> <i>Shizuoka University</i></p> <p>Fishing out of Pond: Ligand Selective Anisotropy Gold and Silver Nanomaterials as a good Sensor on SERS and Electrochemical techniques <u>Amar Ghosh</u> <i>Jadavpur University</i></p> <p>Accurate Description of Gas Hydrates for Carbon Dioxide and Hydrogen Storage and Transportation <u>Kirill Gets</u> <i>Novosibirsk State University</i></p> <p>Construction of ZnCo₂O₄ nanobeads/g-C₃N₄ nanosheet heterojunction photocatalyst in-effect of enhancing photocatalytic degradation for environmental remediation <u>R Roshan Chandrapal</u> <i>SRM Institute of Science and Technology</i></p> |
| <p>10:00 – 12:15 SESSION – 3F PARALLEL SESSION Nanotechnology for Energy Harnessing, Transport and Storage</p> | |
| <p>Chair Person : Prof. Takafumi ISHIBE, Osaka University Japan</p> | |
| <p>Repertoire : Dr. P. Sivakumar, Department of Physics and Nanotechnology, SRMIST</p> | |
| <p>IL31 10:00-10:30</p> <p>IL32 10:30-11:00</p> <p>CL70 11.00-11.10 (Abstract No. 2108)</p> <p>CL71 11.10-11.20 (Abstract No. 0185)</p> <p>CL72 11.20-11.30 (Abstract No. 0217)</p> | <p>Characterization of Thermal Conduction in Micro/Nanometer-Scaled Thermoelectric Materials by a Microscopic Method <u>Prof. Hirova Ikeda</u> <i>Shizuoka University, Japan</i></p> <p>Nanomaterial design for thermoelectric performance enhancement <u>Prof. Yoshiaki Nakamura</u> <i>Osaka University, Japan</i></p> <p>Fe_xS_y-WS₂ hybrid mushroom-shaped nanostructures for the treatment of methylene blue-contaminated water <u>Anupama A</u> <i>Cochin University of Science and Technology</i></p> <p>Theoretical study of 2-Dimensional oxidized MXene as performance enhancer in Eco-friendly perovskite photovoltaics <u>Dheebanathan A</u> <i>SRM Institute of Science and Technology</i></p> <p>Improving electrochemical performance of supercapacitor using incorporation of Pd into r-Go draped CuMn-oxide electrode <u>Teli Aviraj Mahadev</u> <i>Dongguk UniversitSeoul Seoul South Korea</i></p> |

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| CL73 11.30-11.40 (Abstract No. 0266) | Reinforced and flexible V2C@CoMn2O4 asymmetric electrodes for high performance supercapacitor <u>J Vigneshwaran</u> <i>Madurai Kamaraj University</i> |
| CL74 11.40-11.50 (Abstract No. 0267) | Synergistically modified MXene: Polymer supercapacitor for energy storage applications <u>Sophy Mariam Varghese</u> <i>CSIR NIIST</i> |
| CL75 11.50-12.00 (Abstract No. 0271) | Fe-Co based Sulfides and Selenides as Binder free Electrodes for High Performance Symmetric Supercapacitors <u>Anjana PM</u> <i>CSIR NIIST</i> |
| 10:00 – 12:15 SESSION – 3G PARALLEL Nanosensors and Nanoactuators, Surfaces, Interfaces and Thin films | |
| Chair Person : Prof. Faiz Salleh , Universiti Malaya, Malaysia | |
| Repertoire : Dr. A. Naga Rajesh , Department of Physics and Nanotechnology, SRMIST | |
| IL33 10:00-10:30 | Recent progress of TiO ₂ films and nanostructures for photocatalytic and sensor applications <u>Prof. Masaru Shimomura</u> <i>Shizuoka University, Japan</i> |
| IL34 10:30-11:00 | Shear horizontal surface acoustic wave biosensor for estimating size of molecules on sensor surface <u>Prof. Jun KONDOH</u> <i>Shizuoka University, Japan</i> |
| CL76 11.00-11.10 (Abstract No. 0291) | MXene/V2O5 nanocomposite for selective detection of non-polar gases <u>Beatriceveena TV</u> <i>Indian Institute of Technology Madras</i> |
| CL77 11.10-11.20 (Abstract No. 1457) | Site-selective artificial nociceptor on Au-ion implanted TiO _x (x<2)-based memristor <u>Dilruba Hasina</u> <i>Institute of Physics Bhubaneswar</i> |
| CL78 11.20-11.30 (Abstract No. 1685) | Inkjet printed Carbon Nanotubes on Silicon Nano gaps An analysis of Electrical Characteristics <u>Hayato Kawanishi</u> <i>Shizuoka University</i> |
| CL79 11.30-11.40 (Abstract No. 2093) | Microstructure and mechanical properties of friction stir processed Zn-Mg biodegradable alloys <u>Arockia Kumar</u> <i>National Institute of Technology Warangal</i> |
| CL80 11.40-11.50 (Abstract No. 2364) | A Comparative Study of Luminescence Behavior of Silicate Phosphors in Multi-Dimensions <u>Panchatcharam Thivagarajan</u> <i>CEG Anna University</i> |
| CL81 11.50-12.00 (Abstract No. 1160) | Morphological, Thermal, and Electric Properties of PANI/Lithium doped Nickel Oxide Nanocomposites <u>Anupama</u> <i>DCRUST Murthal</i> |

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| 12:00-12:15 Greetings by Prof. Corrado Di Natale, University of Rome Tor Vergata, Rome, Italy and Prof. Edward Yi Chang, National Chiao Tung University, Taiwan | |
| 13:00 – 14:30 KEYNOTE LECTURES | |
| Chair Person | : Dr. S.T. Aruna, CSIR-National Aerospace Laboratories, Bangalore, India |
| Repertoire | : Dr. C. Siva, Department of Physics and Nanotechnology, SRMIST |
| KL9 13:00-13:45 | Prof. Jatin K Rath , IIT Madras , India |
| KL10 13:45-14:30 | Two Dimensional Nanocomposite Functional Materials For Sustainable Energy Storage Applications, Prof. R. Jayavel <i>Alagappa College of Technology, Anna University, Chennai-600 025</i> |
| 14:00 – 17:00 “SEEDING NANOSCIENCE IN YOUNG MINDS: LIVE INTERACTION WITH NANOSCIENTISTS” – An Exclusive Program for a selective group of YOUNG STUDENTS (age group between 14-19)) | |
| 14:00 | (Hosted by SRM-ICONN 2023 and Co-hosted by Indian Science Congress Association (ISCA)) Welcome Note by Prof. Kasmir Raja, Convener, ISCA Chennai Chapter |
| 14:10 | Presidential Address by Prof. K. S. Rangappa , Former General President, ISCA |
| 14:25 | Address by the Chief Guest, Prof. Chennupati Jagadish , AC, President, Australian Academy of Science |
| 14:40 | Students' Interaction with Scientists starts. Prof. Shweta Agarwala, Aarhus University, Denmark Dr. Ashok Keerthi, University of Manchester, UK Dr. Rao S. Tatavarti, MicroLink Devices, USA |
| 16:30 | Best Student Awards Announcement |
| 16:55 | Vote of Thanks |
| 14:30 – 16:00 KEYNOTE LECTURES | |
| Chair Person | : Prof. Corrado Di Natale, University of Rome Tor Vergata, Italy |
| Repertoire | : Dr. K. Kamala Bharathi, Department of Physics and Nanotechnology, SRMIST |
| KL11 14:30-15:15 | Photonic Applications Prof. D. Naravana Rao <i>University of Hyderabad, Hyderabad, INDIA</i> |
| KL12 15:15-16:00 | Photoluminescence spectroscopy in pulsed high magnetic fields Prof. Bhavtosh Bansal <i>Indian Institute of Science Education and Research Kolkata, India</i> |
| 16:00-18:00 | |
| SESSION – 4A | |
| PARALLEL | |
| SESSION | |
| Nanomagnetism and Spintronics, Nanocomposites and Nanocatalysts | |
| Chair Person | : Dr. Chandra Mohan, Department of Physics and Nanotechnology, SRMIST |
| Repertoire | : Dr. Ravikirana, Department of Physics and Nanotechnology, SRMIST |

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| IL35 16:00-16:30 | Charge transport variation from Bloch–Grüneisen to Mott variable range hopping and transport change due to hydrogenation in Palladium thin films <u>Dr. Deepshikha Jaiswal Nagar</u> <i>IISER Thiruvananthapuram, India</i> |
| CL82 16.30-16.40 (Abstract No. 0287) | Impact of reduced graphene oxide polymer nanocomposites for the detection of pesticide <u>Sharvasri S</u> <i>PSGR Krishnammal college for women</i> |
| CL83 16.40-16.50 (Abstract No. 0318) | Nanocomposites of manganese oxide as anode and cathode catalysts for anion-exchange membrane fuel cells <u>Ivan Cruz Reyes</u> <i>Instituto tecnologico de Tijuana</i> |
| CL84 16.50-17.00 (Abstract No. 0440) | Comparative Study of Radiation Shielding Parameters for CoZnFe ₂ O ₄ and CuZnFe ₂ O ₄ Nanoparties <u>Kalidas Balasaheb Gaikwad</u> <i>Dr B A M U Aurangabad</i> |
| SESSION – 4B | |
| 16:00-18:00 PARALLEL SESSION | |
| Nanotechnology for Energy Harnessing, Transport and Storage | |
| Chair Person : Dr. Dattatray J Late , Amity University, Mumbai, India | |
| Repertoire : Dr. Debabrata Sarkar , Department of Physics and Nanotechnology, SRMIST | |
| IL36 16:00-16:30 | Development of Light weight Nanomaterials based Hydrogen storage medium <u>A. Karthigeyan</u> <i>SRM Institute of Science and Technology</i> |
| CL85 16.30-16.40 (Abstract No. 0269) | Exploring the potential of quantum batteries for next-generation energy storage <u>Syed Abubacker Siddique</u> <i>SRM Institute of Science and Technology</i> |
| CL86 16.40-16.50 (Abstract No. 0293) | The Influence of Samarium Doping on Ionic Conductivity in Cerium Oxide: A Study of Optimal Concentrations <u>Durgesh Pal</u> <i>VNIT</i> |
| CL87 16.50-17.00 (Abstract No. 0326) | Synthesis Characterization <u>Sarvesh Sanjiv Desai</u> <i>Goa University</i> |
| SESSION – 4C | |
| 16:00-18:00 PARALLEL SESSION | |
| ACCMS Symposium on Computational materials, methods and numerical techniques | |
| Chair Person : Dr. Prof. Vannajan Lee , Department of Physics and Nanotechnology, SRMIST | |
| Repertoire : Dr. S. Yuvaraj , Department of Physics and Nanotechnology, SRMIST | |
| IL37 16:00-16:30 | A Neural Network Assisted Exploration on the Complex Landscape of Bio- Molecules with First Principles Accuracy <u>Prof. Jer-lai Kuo</u> <i>IAMS, Academia Sinica, Taiwan</i> |
| CL88 16.30-16.40 | Invitro analysis of Anticancer Activity of Gold Nano Parties <u>Rajasulochana Perepi</u> |

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| (Abstract No. 2366) | <i>SIMATS</i> |
| CL89 16.40-16.50 (Abstract No. 2423) | Hydrogen rich syngas production via methane reforming: Unraveling the surface active sites <u>Siva Prasad Mekala</u> <i>CSIR National Chemical Laboratory India</i> |
| CL90 16.50-17.00 (Abstract No. 2429) | Champion performance of power conversion with newer dye sensitized solar cell architecture <u>Parnapalli Muni Mounika</u> <i>Yogi Vemana University</i> |
| 16:00-18:00 SESSION – 4D | |
| PARALLEL SESSION | |
| Nanosensors and Nanoactuators, Surfaces, Interfaces and Thin films | |
| Chair Person | : Dr. Debakanta Samal , Institute of Physics, Bhubaneswar |
| Repertoire | : Dr. Eswaraiah Varrla , Department of Physics and Nanotechnology, SRMIST |
| IL38 16:00-16:30 | Sensing using nanomaterial coatings on different optical fiber configurations <u>Prof. Sukanta Kumar Tripathy</u> <i>Berhampur University, India</i> |
| CL91 16.30-16.40 (Abstract No. 0315) | Design of a Super-Liquid Crystal-Phobic Coating for Immobilizing Liquid Crystal μ -Droplets Without Affecting Their Sensitivity <u>Angana Borbora</u> <i>IIT Guwahati</i> |
| CL92 16.40-16.50 (Abstract No. 0316) | Metal-Organic Framework derived CoO@Ni-Foam as a Electrode Material for Supercapacitor and Hydrogen Evolution Reaction <u>A Gowdhaman</u> <i>Periyar University</i> |
| CL93 16.50-17.00 (Abstract No. 0503) | Synthesis of micro-flower like Iron-based Phosphate on Ni-foam for asymmetric supercapacitor device <u>Sonali Ajay Bknalkar</u> <i>Dongguk University</i> |
| 16:00-18:00 SESSION – 4E | |
| PARALLEL SESSION | |
| Photonic & Plasmonic, Nanomaterials Nanobiotechnology | |
| Chair Person | : Dr. S Sakthivel , ARCI, Hyderabad, India |
| Repertoire | : Dr. Jaivardhan Sinha , Department of Physics and Nanotechnology, SRMIST |

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| IL39 16:00-16:30 | Raman Study of BiFeO ₃ Nanostructures Using Different Excitation Wavelengths: Effects of Crystallite Size on Vibrational Modes <u>Dr. Maneesh Chandran</u> <i>NIT Calicut, India</i> |
| CL94 16.30-16.40 (Abstract No. 2055) | Analysis of photonic bandgap in a one-dimensional photonic crystal with multi-bilayers <u>Amita Biswal</u> <i>National Taiwan Ocean University</i> |
| CL95 16.40-16.50 (Abstract No. 2288) | Polymer-based noble metal-free SERS substrates for Diethyl Phthalate Detection. <u>Anju K</u> <i>University of Calicut</i> |
| CL96 16.50-17.00 (Abstract No. 2338) | Preparation and characterization of complexation of genistein and p-sulfonatedcalix[4]arene for therapeutic evaluation against A549 cell lines <u>Sunaina Chaurasiya</u> <i>Central University of Gujarat</i> |
| SESSION – 4F | |
| PARALLEL SESSION | |
| Nanosensors and Nanoactuators, Surfaces, Interfaces and Thin films | |
| Chair Person | : Dr. Chandan Kumar Ghosh , Jadavpur University, Kolkata, India |
| Repertoire | : Dr. Tusharbhair H Rana , Department of Physics and Nanotechnology, SRMIST |
| IL40 16:00-16:30 | Future of nano materials in sensor development <u>Dr Sujatha Devi P</u> <i>NIIST, India</i> |
| CL97 16.30-16.40 (Abstract No. 0156) | Hierarchical 3D Structured Nanoporous Vanadium Oxide Electrode for High-Performance Supercapacitors <u>Rahul Sadashiv Ingole</u> <i>Chungnum National University</i> |
| CL98 16.40-16.50 (Abstract No. 0520) | Influence of RF sputtered manganese film thickness on the chlorpyrifos sensing behavior of zinc oxide nanowires <u>Surya Prakash Ghosh</u> <i>CV Raman Global University</i> |
| CL99 16.50-17.00 (Abstract No. 0533) | Impact of zinc doping on nonlinear optical applications of TiO ₂ nanoparticles <u>Shreya Rao</u> <i>Manipal Institute of Technology</i> |
| SESSION – 4G | |
| PARALLEL SESSION | |
| Nanosensors and Nanoactuators, Surfaces, Interfaces and Thin films | |
| Chair Person | : Dr. Tapobrata Som , Institute of Physics, Bhubaneswar, India |
| Repertoire | : Dr. V. Ganesh , Department of Physics and Nanotechnology, SRMIST |

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| IL41 16:00-16:30 | Transistor as biosensor <u>Dr. V. Jayaraman</u> <i>IGCAR, Kalpakkam, India</i> |
| CL100 16.30-16.40 (Abstract No. 0572) | Synthesis and characterization of amine functionalized 2 D layered Mo MOF framework nanosheets for sensing applications <u>Gurjeet Kaur</u> <i>CSIR CSIO</i> |
| CL101 16.40-16.50 (Abstract No. 0586) | Temperature effect on the structural and electrical properties of the MoO ₃ thin films <u>Dipmala Prabhakar Sali</u> <i>Department of Physics, SPPU</i> |
| CL102 16.50-17.00 (Abstract No. 0630) | Synthesis and Characterization of SrAl ₂ O ₄ : Eu orange red emitting nanoparticles <u>Neenu Mary Thomas</u> <i>Morning Star Home Science College</i> |
| SESSION – 5A | |
| PARALLEL SESSION | |
| Nanomagnetism and Spintronics | |
| Chair Person : Dr. Mohan Kant, NIT Nagpur, India | |
| Repertoire : Dr. M. Kovendhan, Department of Physics and Nanotechnology, SRMIST | |
| IL42 17:00-17:30 | Reconfigurable magnonics using self-biased reprogrammable magnetic structures <u>Dr. Arabinda Haldar</u> <i>IIT Hyderabad</i> |
| CL103 17.30-17.40 (Abstract No. 0658) | <u>Arout Chelvane Jevaramane</u> <i>DMRL DRDO</i> |
| CL104 17.40-17.50 (Abstract No. 0675) | Magnetic and magnetocaloric properties of melt-spun AlFe ₂ B ₂ nanostructures <u>Mitali Madhusmita Prusty</u> <i>IIT Madras</i> |
| CL105 17.50-18.00 (Abstract No. 0713) | Structural, Magnetic, and Magnetocaloric Properties of Nanocrystalline Pr _{0.7} La _{0.3} MnO ₃ <u>Gurmeet Singh</u> <i>JNU New Delhi</i> |
| SESSION – 5B | |
| PARALLEL SESSION | |
| Nanobiotechnology | |
| Chair Person : Dr. D. Paul Joseph, NIT Warangal, India | |
| Repertoire : Dr. R. Ajay Rakkesh, Department of Physics and Nanotechnology, SRMIST | |
| IL43 17:00-17:30 | Chitosan-based Scaffolds for Bioactive Molecules Delivery in Bone Tissue Engineering <u>Prof. N. Selvamurugan</u> <i>SRM Institute of Science and Technology</i> |
| CL106 17.30-17.40 (Abstract No. 0808) | Gold Nanoparticles Mediated Early Detection of Cancer Biomarker Carcinoembryonic Antigen by Dot Blot Immunoassay Method <u>Rajendran</u> <i>SRM IST RAMAPURAM</i> |
| CL107 | Pulsating magnetohydrodynamic flow of Au-blood micropolar nanofluid through channel with thermal |

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| 17.40-17.50 (Abstract No. 0916) | radiation <u>El Gili Issa</u> <i>Sultan Moulay Slimane University</i> |
| CL108 17.50-18.00 (Abstract No. 1020) | Water stable, red emitting, carbon nanoparticles stimulate 3D cell invasion via a thrombin-mediated endocytic uptake <u>Udisha Singh</u> <i>IIT Gandhinagar</i> |
| 17:00-18:00 SESSION – 5C | |
| PARALLEL SESSION | |
| Nanosensors and Nanoactuators, Surfaces, Interfaces and Thin films | |
| Chair Person | : Dr. Arijith Sen , Department of Physics and Nanotechnology, SRMIST |
| Repertoire | : Dr. Anbumozhi Angayarkanni , Department of Physics and Nanotechnology, SRMIST |
| IL44 17:00-17:30 | Chemical Sensors based on Porphyrin Assemblies <u>Prof. Roberto Paolesse</u> <i>University of Rome Tor Vergata, Italy</i> |
| CL109 17.30-17.40 (Abstract No. 0638) | Implementation of Mxene draped with exotic porous marigold flowers of Manganese-copper for high performance asymmetric supercapacitor device <u>Sonali Ajay Beknalkar</u> <i>Dongguk University</i> |
| CL110 17.40-17.50 (Abstract No. 0660) | Development of CdS/CdTe thin film solar cells with wet chemical technique <u>Aparna Satish Ukarande</u> <i>Savitribai Phule Pune University</i> |
| CL111 17.50-18.00 (Abstract No. 0662) | Age Hardened AlFeCoNiCu _x (x=0.1,0.3,0.5,0.7,1) Multi-Component System with Enhanced Mechanical Property <u>Prince Wesley Vanaraj</u> <i>SRM Institute of Science and Technology</i> |
| 17:00-18:00 SESSION – 5D | |
| PARALLEL SESSION | |
| Green Nanotechnology and Water Treatment | |
| Chair Person | : Dr. Kiran Mangnampalli , SRMIST |
| Repertoire | : Dr. Eswaraiah Varrla Department of Physics and Nanotechnology, SRM IST, Kattankulathur |
| IL45 17:00-17:30 | Nanogenerator: The Future of Green Technology <u>Dr. Suman Nandy</u> <i>Universidade Nova De Lisboa, Portugal</i> |
| CL112 17.30-17.40 (Abstract No. 0357) | Nano-Phytoremediation -A Sustainable Green Nanotechnology Approach to clean the contaminated environment <u>Vani D</u> <i>Dhanalakshmi Srinivasan University</i> |
| CL113 17.40-17.50 (Abstract No. 0437) | Physicochemical Incorporation of Carbon Nanostructures into Nanofiltration Membranes for Water Desalination Processes <u>Moisés Israel Salazar Gastélum</u> <i>Instituto Tecnológico de Tijuana</i> |
| CL114 17.50-18.00 (Abstract No. 0795) | In-situ synthesis of visible light responsive S-scheme SnO ₂ /g-C ₃ N ₄ hybrid nanocomposites for the photocatalytic degradation of tetracycline <u>Manoj Pudukudy</u> <i>Saveetha School of Engineering</i> |

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| 17:00-18:00 | | SESSION – 5E |
| PARALLEL SESSION | | |
| Nanotechnology for Energy Harnessing, Transport and Storage | | |
| Chair Person : Dr. S. Venkataprasad Bhat , Department of Physics and Nanotechnology, SRMIST | | |
| Repertoire : Dr. M. Bhaskar Chandra Behera , Department of Physics and Nanotechnology, SRMIST | | |
| IL46 17:00-17:30 | Need for the nano technology in flow battery applications Dr Umesh Vasu <i>Tharam-Thiran Green Energy Flow Private Limited</i> | |
| CL115 17.30-17.40 (Abstract No. 0655) | Structural, Dielectric and Transport Properties of Fe and Sr co-doped Bismuth Sodium Titanate Preeti <i>SRM University Delhi NCR Sonapat</i> | |
| CL116 17.40-17.50 (Abstract No. 0656) | Synthesis and characterization of nanocrystalline Ce _{0.9} Gd _{0.1} O _{2-δ} powders with improved ionic conductivity by citrate combustion route. Koraganji Mohan Kant <i>Visvesvaraya National Institute of Technology</i> | |
| CL117 17.50-18.00 (Abstract No. 0668) | Ag Nanoparticle-decorated Perforated Graphene as an Efficient Electrocatalyst for Hydrogen Evolution Reaction Nabamita Chakraborty <i>Jadavpur University</i> | |
| 17:00-18:00 | | SESSION – 5F |
| PARALLEL SESSION | | |
| Molecular and Nanoelectronics, Nanostructured Solar Cells and Thermoelectrics | | |
| Chair Person : Dr. Senthil Kumar , Department of Physics and Nanotechnology, SRMIST | | |
| Repertoire : Dr. Meenal S. Deo , Department of Physics and Nanotechnology, SRMIST | | |
| IL47 17:00-17:30 | Manufacturing Technology of Crystalline Silicon Solar Cells Dr. S. Saravanan <i>RenewSys India Pvt. Ltd Telangana, India</i> | |
| CL118 17.30-17.40 (Abstract No. 1056) | On-body sensing electrolyte: initial approach of potentiometric analysis Jose Guadalupe Daniel Serrano <i>Instituto Tecnológico de Tijuana</i> | |
| CL119 17.40-17.50 (Abstract No. 1060) | Design and manufacturing of a platform for glucose monitoring: Biosensor and electronic device David Ricardo Aguilar Meza <i>Instituto Tecnológico de Tijuana</i> | |
| CL120 17.50-18.00 (Abstract No. 1607) | Electrospun Polyvinylidene Fluoride-Aromatic Hyperbranched Polyester of 2nd Generation Blend Based Piezoelectric Nanogenerators R Gunasekhar <i>Vellore Institute of Technology</i> | |
| 17:00-18:00 | | SESSION – 5G |
| PARALLEL SESSION | | |
| Surfaces, Interfaces and Thin films | | |
| Chair Person : Dr. Gopala Krishnan , SRM IST | | |
| Repertoire : Dr. Venkata Ravindra A , Department of Physics and Nanotechnology, SRMIST | | |

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| IL48 17:00-17:30 | Role of nano-carbon additives in lead acid batteries <u>Dr. Sundar Mayavan</u> <i>CSIR- CECRI, Karaikudi, India</i> |
| CL121 17.30-17.40 (Abstract No. 0677) | Synthesis and characterisation of PANI/Co3O4 high-performance Electrochemical energy storage of a capacitors <u>N Balasubramanian</u> |
| CL122 17.40-17.50 (Abstract No. 0680) | Synthesis and Some Characterization of Mg ion doped Strontium Pyrophosphate <u>Mahatta Oza</u> <i>The Maharaja Sayajirao University of Baroda Vadoda</i> |
| CL123 17.50-18.00 (Abstract No. 0721) | Biphenyl-rGO Oxide Composite Room Temperature Gas Sensor for Enhanced Amine Sensing <u>Baliram Shirang Nadekar</u> <i>The Institute of Science Mumbai</i> |
| 13:30 – 15:00 | |
| SESSION | POSTER SESSION |
| Postertrack7-ICONN23 | Postertrack8-ICONN23 |
| ICONN23 | ICONN23 |
| (CP1201-CP1400) | (CP1401-CP1600) |
| CP1800) | (CP41601- |
| 15:30-19:00 | PARALLEL |
| Postertrack10-ICONN23 | Postertrack11-ICONN23 |
| (CP1801-CP2000) | (CP2001-CP2001) |

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| DAY – 3 | |
| 29-03-2023 | |
| Wednesday | |
| 08:00 – 10:45 | |
| Keynote Lectures | |
| Chair Person | : Prof. Masakazu Kimura , Shizuoka University, Japan |
| Repertoire | : Dr. K. Shadak Alee , Department of Physics and Nanotechnology, SRMIST |
| KL13 08:30-09:15 | <u>Prof. Do Kyung Kim</u> <i>NCRL Lab, Dept. of Materials Science and Engineering, KAIST</i> |
| KL14 09:15-10:00 | Prominence of Phase dependent bioactive materials towards biomedical applications <u>Prof. S. Balakumar</u> <i>National Center for Nanosciene and Nanotechnology, University of Madras, India</i> |
| Chair Person | : Dr. P. Malar , Department of Physics and Nanotechnology, SRMIST |
| Repertoire | : Dr. Adiyodi Veetti Radhamani , Department of Physics and Nanotechnology, SRMIST |
| KL15 10:00-10:45 | High Performance E-Mode GaN MISHEMT for Energy Saving Power Switching Applications, <u>Prof. Edward Yi Chang</u> , NYCU, Taiwan |
| 10:45 – 12:15 | |
| SESSION – 6A | |
| PARALLEL SESSION | |
| Industrial Nanotechnology, Nanotechnology for Energy Harnessing, Transport and Storage | |
| Chair Person | : Prof. Masanori Koshimizu , Shizuoka University, Japan |
| Repertoire | : Dr. Mathimalar. S , Department of Physics and Nanotechnology, SRMIST |
| IL49 10:45- 11:15 | Leveraging Graphene for high performance applications <u>Dr. Hemantkumar Aiver</u> <i>Aditya Birla Science And Technology Pvt Ltd., Mumbai, India</i> |

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| IL50 11:15- 11:45 | Serendipitous approach to entrepreneurship through final year project <u>Dr. Karthic Narayanan</u> <i>Chief Technology officer, MaDeIT Innovation Foundation</i> |
| CL124 11.45-11.55 (Abstract No. 1746) | Surface morphology and electrical analysis of CaCu ₃ Ti ₄ O ₁₂ ceramic synthesized by solid-state reaction route <u>Sukhanidhan Singh</u> <i>IIT ISM Dhanbad Jharkhand India</i> |
| CL125 11.55-12.05 (Abstract No. 2223) | Synergistic effect of Tungsten vanadium oxide nanocomposites for enhanced photocatalysis and photovoltaic performance <u>Parimaladevi R</u> <i>Mother Teresa Womens University</i> |
| CL126 12.05-12.15 (Abstract No. 2425) | Dual function NaYF ₄ :Yb ₃ /Er ₃ assisted multi-dye sensitized and perovskite solar cells attains champion power conversion efficiency <u>Meenakshamma Ambapuram</u> <i>Yogi Vemana University Kadapa</i> |
| 10:45 – 12:15 SESSION – 6B PARALLEL | |
| SESSION | |
| Computational Materials, Methods and Numerical Techniques, Nanocomposites and Nanocatalysts | |
| Chair Person : Prof. Masakazu HARA, Shizuoka University Japan | |
| Repertoire : Dr. M. Rajaboobathi, Department of Physics and Nanotechnology, SRMIST | |
| IL51 10:45- 11:15 | Machine Learning Approaches to Materials Informatics <u>Prof. Kazushi Ikeda</u> <i>Nara Institute of Science and Technology, Japan</i> |
| IL52 11:15- 11:45 | Quantum Aspects in Transverse-field Ising Chain Quasi one-Dimensional Columbite <u>Prof. Thota Subhash</u> <i>IIT Guwahati</i> |
| CL127 11.45-11.55 (Abstract No. 2191) | The Role of Strawberry Extract for The Formation of AgNPs Decorated on Graphene Oxide Sheet <u>Nur Fadilla Binti Samsudin</u> <i>Mara University of Technology</i> |
| CL128 11.55-12.05 (Abstract No. 2303) | Developing an internal dual charge transfer channel by congregating Ag into electron donor γ -Bi ₂ O ₃ coupled with electron acceptor CoFe ₂ O ₄ photocatalyst for visible light mediated water remediation applications <u>Subhiksha V</u> <i>Bannari Amman Institute Of Technology</i> |
| CL129 11.05-12.15 (Abstract No. 2333) | Triggering oxidase-mimicking and antimicrobial activities of S, N- doped carbon dots with visible light illumination <u>Neha Kaushal</u> <i>CSIR CSIO</i> |
| 10:45 – 12:15 SESSION – 6C PARALLEL SESSION | |
| Photonic & Plasmonic Nanomaterials, Nanobiotechnology | |
| Chair Person : Prof. Hiroya Ikeda, Shizuoka University, Japan | |
| Repertoire : Dr. P.C. Karthika, Department of Physics and Nanotechnology, SRMIST | |
| IL53 10:45- 11:15 | Peculiar Spectroscopic Light Sensitivity in SOI Photodiode with Triangular-Lattice SP Antenna <u>Prof. Hiroaki Satoh</u> <i>Shizuoka University, Japan</i> |
| IL54 | Thin film TlBr X-ray detector |

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| 11:15-11:45 | <u>Prof. Toru AOKI</u> <i>Shizuoka University, Japan</i> |
| CL130 11.45-11.55 (Abstract No. 0018) | <u>Thileep Kumar K</u> <i>Sunchon National University</i> |
| CL131 11.55-12.05 (Abstract No. 0918) | <u>V Yogaraj</u> <i>University of Madras</i> |
| CL132 12.05-12.15 (Abstract No. 2469) | Engineering of Biocompatible Theranostic Carbon-Coated Ferrite Nanoparties <u>Pemula Gowtham</u> <i>Chettinad Academy of Research and Education</i> |
| 10:45 – 12:15 SESSION – 6D PARALLEL SESSION Multifunctional Nanomaterials | |
| Chair Person : Prof. Sushil Mujumdar, TIFR, Mumbai, India | |
| Repertoire : Dr. Madhuparna. K, Department of Physics and Nanotechnology, SRMIST | |
| IL55 10:45-11:15 | Low-temperature Plasma Treatment for Producing Magnesium Hydride and Tetrahydroborate <u>Prof. Akihisa Ogino</u> <i>Shizuoka University, Japan</i> |
| IL56 11:15-11:45 | Growth mechanism of ternary chalcogenide nanocrystals – Cu ₃ TaS ₄ and Cu ₂ SnS ₃ <u>Dr. Pralay Santra</u> <i>Centre for Nano and Soft Matter Sciences, Bengaluru, India</i> |
| CL133 11.45-11.55 (Abstract No. 1394) | Green Synthesis and Characterization of Silver Nanoparties using Enhalus acoroides extract and their Anticancer Activity against MCF7 Cell Lines <u>P Amudha</u> <i>Vels Institute of Science Technology and Advanced</i> |
| CL134 11.55-12.05 (Abstract No. 1435) | Oxidation dynamics of thin Cu film on Si surface by mass analyzed O ion implantation <u>Joy Mukherjee</u> <i>Institute of Physics</i> |
| CL135 12.05-12.15 (Abstract No. 1440) | RF-sputtered high work function vanadium oxide thin films for heterojunction solar cells <u>Aparajita Mandal</u> <i>Institute of Physics Bhubaneswar</i> |
| 10:45 – 12:15 SESSION – 6E PARALLEL SESSION Nanotechnology for Energy Harnessing, Transport and Storage | |
| Chair Person : Prof. Anil Kottantharayil, IIT Bombay, India | |
| Repertoire : Dr. Tamilselvan. A, Department of Physics and Nanotechnology, SRMIST | |
| IL57 10:45-11:15 | Construction of Seebeck Coefficient and Thermal Diffusivity Measurement System <u>Prof. Faiz Salleh</u> <i>Universiti Malaya, Malaysia</i> |
| IL58 11:15-11:45 | Domain engineering for enhancing thermoelectric performances in transparent epitaxial SnO ₂ films/Al ₂ O ₃ substrates <u>Prof. Takafumi ISHIBE</u> |

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| | <i>Osaka University, Japan</i> |
| CL136 11.45-11.55 (Abstract No. 0738) | Optimization and Evaluation of Fe ₃ O ₄ Incorporated Functionalized MWCNT Self-Standing Thin Papers as Electrode for Symmetric Supercapacitor Application <u>Vijayabhaskara Rao Bhaviripudi</u> <i>University of Chile</i> |
| CL137 11.55-12.05 (Abstract No. 0761) | Carbon quantum dots grafted cobalt oxide nanostructure for supercapacitors application <u>Silambarasan A</u> <i>Vel Tech Rangarajan Dr. Sagunthala R and D Institute</i> |
| CL138 12.05-12.15 (Abstract No. 0776) | Improvement in conductivity of the lead-free CH ₃ NH ₃ SnI ₃ perovskite thin film using multi-walled carbon nanotubes (MWCNT) as a transporter <u>Dipankar Sahoo</u> <i>Jadavpur University</i> |
| 10:45 – 12:15 | SESSION – 6F PARALLEL SESSION Low-dimensional materials, Nanocomposites and Nanocatalysts |
| Chair Person | : Dr. Rohit , Department of Physics and Nanotechnology, SRMIST |
| Repertoire | : Dr. Subhojyoti Sinha , Department of Physics and Nanotechnology, SRMIST |
| IL59 10:45- 11:15 | Simulation of Quasi-Ballistic Phonon Transport in Silicon Nanostructures <u>Prof. Yoshinari Kamakura</u> <i>Osaka Institute of Technology, Japan</i> |
| IL60 11:15- 11:45 | Trending Graphene Products <u>M. Naushad Ali</u> <i>CEO, BTCORP GENERIQUE NANO P.LTD, BENGALURU , INDIA</i> |
| CL139 11.45-11.55 (Abstract No. 1092) | ZnO/Ti ₃ C ₂ /g-C ₃ N ₄ ternary photocatalyst with improved photocatalytic performance <u>M Anbuhezhiyan</u> |
| CL140 11.55-12.05 (Abstract No. 1244) | Synthesis of C@FeCo ₂ O ₄ and C@NiFeCo ₂ O ₄ spinel oxide nanomaterials as a cathode material for solid oxide fuel cells <u>Mudaliar Mahesh Margoni</u> <i>University of Chile</i> |
| CL141 12.05-12.15 (Abstract No. 1293) | Synthesis and Characterization of Triphenylene based Conductive 2D Metal-Organic Frameworks (C-MOFs) <u>Privadharshini T</u> <i>SRM Institute of Science and Technology</i> |
| 10:45 – 12:15 | SESSION – 6G PARALLEL SESSION Nanosensors and Nanoactuators, Surfaces, Interfaces and Thin films |
| Chair Person | : Dr. Debatra Sarkar , Department of Physics and Nanotechnology, SRMIST |
| Repertoire | : Dr. Triparno Bandyopadhyay , Department of Physics and Nanotechnology, SRMIST |
| IL61 10:45-11:15 | Non-enzymatic glucose sensor with inkjet-printed copper oxide nanoparticles <u>Prof. Atsushi Nakamura</u> <i>Shizuoka University, Japan</i> |
| IL62 11:15-11:45 | Development of surface processing technique for Mg ₂ Si SWIR image sensor <u>Prof. Haruhiko Uono</u> <i>Ibaraki University, Japan</i> |
| CL142 11.45-11.55 | High performance solid-state asymmetric supercapacitor based on [Co(en) ₃][Fe(CN) ₆] complex with Nafion membrane |

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| (Abstract No. 0663) | <u>Alagusundari K</u> <i>Pondicherry University</i> |
| CL143 11.55-12.05 (Abstract No. 0669) | Study of CIGS layer from stable ink of CIGS nanopartie prepared by solvothermal method for photovoltaics application <u>Khushalchand Govind Darole</u> <i>Savitribai Phule Pune University, Pune</i> |
| CL144 12.05-12.15 (Abstract No. 0674) | Synthesis of Vanadium Oxide Using Simple Hydrothermal Method for Solid State Supercapacitor <u>Aditi Yadav</u> <i>Sanjay Ghodawat University Kolhapur</i> |
| 12:15-13:00 Keynote Lectures | |
| Chair Person : Dr. A. Karthikeyan, SRM IST | |
| Repertoire : Dr. T. Vijayakumar, Department of Physics and Nanotechnology, SRMIS | |
| KL16 12:15-13:00 | Van der Waals heterojunctions for quantum device applications <u>Dr. Kausik Majumdar</u> <i>IISc Bangalore, India</i> |
| 13:00-13:30 BREAK | |
| 13:30-14:15 Keynote Lectures | |
| KL17 13:30-14:15 | Nonlinear optical applications of 2D materials, <u>Prof. Reji Philip</u> <i>Raman Research Institute, Bangalore, india</i> |
| 14:15 – 17:15 SESSION – 7A | |
| PARALLEL SESSION | |
| Industrial Nanotechnology: Nanotechnology for Energy Harnessing, Transport and Storage | |
| Chair Person : Dr. Venkataprasad Bhat, Department of Physics and Nanotechnology, SRMIST | |
| Repertoire : Dr. Dr. Mathimalar, Department of Physics and Nanotechnology, SRMIST | |
| IL63 14:15-14:45 | Future perspectives on biochar-based supercapacitors <u>Dr. T. Boobalan</u> <i>Scientist-Supercapacitor, Westechpower Management Pvt Ltd</i> |
| IL64 14:45-15:15 | Turning flexibility of vertically aligned carbon nanotube into strength <u>Dr. Divya Verma</u> <i>Senior Scientist, Aditya Birla Science and Technology Company Pvt Ltd</i> |
| CL145 15.15-15.25 (Abstract No. 1146) | Hierarchical Assembly of MnO ₂ Nanosheet on CuCo ₂ O ₄ Nanoflake Over Fabric Scaffold for Symmetric Supercapacitor <u>Kausik Chanda</u> <i>Jadavpur University</i> |
| CL146 15.25-15.35 (Abstract No. 1181) | Reversible hydrogen storage behaviour of surface oxidized LiBH ₄ system catalyzed by mesocrystals-embedded NMC nanostructures <u>Ajajawahar K</u> <i>SRM Institute of Science and Technology</i> |
| CL147 15.35-15.45 (Abstract No. 1197) | Physical, Structural and Thermal Analysis of Boro-Bismuthate Glasses Containing Mixed Transition Metal Oxides <u>Vikas</u> <i>DCRUST Murthal</i> |
| CL148 15.45-15.55 | Nanoscale structural analysis and electrochemical properties of Manganese oxide/rGO/P nanofiber for Supercapacitor Electrode Material |

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| (Abstract No. 1227) | <u>Bibhu Prasad Swain</u> <i>National Institute of Technology MANIPUR</i> |
| CL149 15.55-16.05 (Abstract No. 1128) | Vapour Growth Process of Carbon-doped Iron Nitride-based Binder-free 3D Bimetallic Negative Electrode for Hybrid Supercapacitors <u>Ankita Mohanty</u> <i>CIPET SARP LARPM</i> |
| CL150 16.05-16.15 (Abstract No. 1034) | Effect of POSS-PEG (n = 13.3) hybrid nanoparticles on Electrical and Electrochemical Properties of PEO-LiDFOB solid polymer electrolytes for Li-ion Batteries <u>Anji Reddy Polu</u> <i>BVRIT HYDERABAD College of Engineering for Women</i> |
| CL151 16.15-16.25 (Abstract No. 1100) | Synthesis of Bimetallic Oxides from Mono-metallic Terephthalate Frameworks for their Application in Supercapacitor <u>Balaji C</u> <i>Periyar University</i> |
| SESSION – 7B PARALLEL SESSION | |
| Industrial Nanotechnology & Nanotechnology for Air and Water Purification | |
| Chair Person | : Dr. Kiran Manganapalli , Department of Physics and Nanotechnology, SRMIST |
| Repertoire | : Dr. K.D. Nisha , Department of Physics and Nanotechnology, SRMIST |
| IL65 14:15-14:45 | Nanomaterial and Nanodevice using Nanodcal software from nanoacademic technologies <u>Deepak Upadhyay</u> <i>Impulse Technology</i> |
| IL66 14:45-15:15 | Photon trapping by fabric PIN for hybrid photo-thermoelectric energy harvesting <u>Pandivaran V</u> <i>IITDM, Chennai, India</i> |
| CL152 15.15-15.25 (Abstract No. 1590) | Highly thermally stable reflectivity of Be/Al multilayer mirrors operating at extreme ultraviolet wavelength <u>Kalpataru Panda</u> <i>Bundeswehr University, Munich, Germany</i> |
| CL153 15.25-15.35 (Abstract No. 1074) | UiO-66 (Zr) Metal-Organic Framework Enabled Photocatalytic Membranes for Separation and Degradation of Organic Dyes <u>Gayathri Karthikeyan</u> <i>Jain University</i> |
| CL154 15.35-15.45 (Abstract No. 2428) | Electrospun Membrane Assisted Defluoridation of Ground Water <u>Manu Sharma</u> <i>BITS Pilani</i> |
| CL155 15.45-15.55 (Abstract No. 0960) | Green approach for synthesizing ZnO nanoparticle and its application in photocatalytic degradation of organic dye <u>Keshava Joshi</u> <i>SDM College of Engineering and Technology</i> |
| CL156 15.55-16.05 (Abstract No. 2447) | Down- and Up-conversion Dual Channel Fluorescence from Phosphorous Doped Carbon Dots <u>Rajnee Yadav</u> <i>Amity University Haryana</i> |
| CL157 16.05-16.15 (Abstract No. 2448) | Ultra-Stable Copper Nanostructure Decorated Nitrogen-Doped Graphene Quantum Dots for the Simultaneous Sensing of Dopamine, Serotonin, and Nicotine <u>Saisree S</u> <i>Indian Institute of Space Science and Technology</i> |

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| CL158 16.15-16.25 (Abstract No. 1277) | Exfoliated Bi ₂ Se ₃ -Bi ₂ O ₃ based room temperature NH ₃ sensor <u>Biswajit Das</u> <i>CSIR CMERI</i> |
| 14:15 – 17:15 | |
| SESSION – 7C | |
| PARALLEL SESSION | |
| Nanostructured Solar Cells & Surfaces, Interfaces and Thin films | |
| Chair Person | : Dr. Gopala Krishanan , Department of Physics and Nanotechnology, SRMIST |
| Repertoire | : Dr. A. A. Alagiriswamy , Department of Physics and Nanotechnology, SRMIST Department of Physics and Nanotechnology, SRM IST, Kattankulathur |
| IL67 14:15-14:45 | Lead free double perovskite for futuristic photovoltaic and optoelectronic applications <u>Prof. Sudakar Chandran</u> <i>IIT Madras, India</i> |
| IL68 14:45- 15:15 | A Successful Fabrication and Demonstration of All-Solid-State Bulk Li-ion Batteries for Real Time Applications <u>Dr. Kamalabharathi</u> <i>SRM Institute of Science and Technology</i> |
| CL159 15.15-15.25 (Abstract No. 1057) | Membranes based quaternized polysulfone for AEM technology <u>Luis Javier Salazar Gastelum</u> <i>Instituto Tecnológico de Tijuana</i> |
| CL160 15.25-15.35 (Abstract No. 1143) | Power-dependent photoacoustic and photoluminescence studies on Er ³⁺ /Yb ³⁺ doped Gd ₂ O ₃ phosphor by modulated 976 nm excitation <u>Minarul Islam Sarkar</u> <i>IIT ISM Dhanbad</i> |
| CL161 15.35-15.45 (Abstract No. 1166) | Fiber Optic modified adding annealing Gd doped Sm ₂ O ₃ coated toxic gas sensors <u>Renganathan</u> <i>School of Saveetha University</i> |
| CL162 15.45-15.55 (Abstract No. 1216) | Structural, Dielectric and Electrocaloric Characterization of the Lanthanum Modified Bismuth Sodium Strontium Titanate Ceramic <u>Ughade Ranjeet Sukachari</u> <i>SRM University Delhi NCR Sonapat Haryana</i> |
| CL163 15.55-16.05 (Abstract No. 1260) | Hydrothermally Grown ZnO Nanorods (ZNRs) decorated based on Nitrogen doped Carbon Quantum Dots (N-CQDs) N-CQDs/ZNRs Hybrid Thin Film UV Photodetectors <u>T Lavanya</u> <i>NITW</i> |
| CL164 16.05-16.15 (Abstract No. 1459) | Impurity-free highly ordered perpendicular mode ripple structures on GaSb (100) substrate under 500 eV Kr ⁻ ion bombardment <u>Joy Mukherjee</u> <i>Institute of Physics</i> |
| CL165 16.15-16.25 (Abstract No. 1356) | Strain and Bandgap engineering of monolayer Mo _{1-x} W _x S ₂ ternary alloys <u>Vijaykumar Murugan</u> <i>SRM Institute of Science and Technology</i> |
| 14:15 – 17:15 | |
| SESSION – 7D | |
| PARALLEL SESSION | |
| Nanotechnology for Energy Harnessing, Transport and Storage | |
| Chair Person | : Dr. Abhay , Department of Physics and Nanotechnology, SRMIST |
| Repertoire | : Dr. V. J. Surya , Department of Physics and Nanotechnology, SRMIST |
| IL69 | Materials for Intermediate Temperature Solid Oxide Fuel Cells |

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| 14:15-14:45 | <u>Dr. Mohan Kant</u> <i>NIT Nagpur, India</i> |
| IL70 14:45-15:15 | Alternative metal and metal-oxide nano-dimensional components for optoelectronic and energy harvesting devices <u>Dr. D. Paul Joseph</u> <i>NIT Warangal, India</i> |
| CL166 15.15-15.25 (Abstract No. 0827) | Transition Metal Nitride-coated Vertically Aligned Electrodes for Supercapacitors <u>Shruti K</u> <i>CIPET SARP ARSTPS Chennai</i> |
| CL168 15.25-15.35 (Abstract No. 0839) | Natural biomass eucalyptus seeds derived activated carbon as an electrode for supercapacitor applications <u>Nakka Anitha</u> <i>NIT Warangal</i> |
| CL166 15.35-15.45 (Abstract No. 1058) | Preparation of PS/PES/SPEES/Nafion NR50® membranes for potential use in flow batteries <u>Brenda Yazmin Garcia Limon</u> <i>Instituto Tecnológico de Tijuana</i> |
| CL169 15.45-15.55 (Abstract No. 1535) | Enhanced Water Oxidation Kinetics of BiVO ₄ photoanode with Mn-NiOOH Oxygen Evolution Catalyst <u>A Soundarya Mary</u> <i>CSIR Central Electrochemical Research Institute</i> |
| CL170 15.55-16.05 (Abstract No. 2149) | Optical bandgap of the coral shaped aluminium oxide hydroxide structures <u>Hari Narayanan V</u> <i>Cochin University of Science and Technology</i> |
| CL171 16.05-16.15 (Abstract No. 0631) | Studies on the electrochemical performance and delamination behavior of electrodeposited tin over surface modified copper current collector for its application as a negative electrode in Li-ion rechargeable batteries <u>Arghvadeep Sau</u> <i>Indian Institute of Technology Kharagpur</i> |
| CL172 16.15-16.25 (Abstract No. 1700) | Electrochemical behavior of spinel-type Zn-Ni-Co-O (ZNCO) ternary mesoporous metal oxides for Hybrid Supercapacitor <u>Vijay Kumar</u> <i>CBLU Bhiwani Haryana</i> |
| 14:15 – 17:15 SESSION – 7E PARALLEL SESSION Nanosensors and Nanoactuators, Surfaces, Interfaces and Thin films | |
| Chair Person : Dr. Preferential Kala, Department of Physics and Nanotechnology, SRMIST | |
| Repertoire : Dr. M. Kovendhan, Department of Physics and Nanotechnology, SRMIST | |
| IL71 14:15-14:45 | Electrochemical Biosensors <u>S Kaushik</u> <i>Managing Partner, Canary Biosensors</i> |
| IL72 14:45-15:15 | 2D Nanomaterials for Energy Storage and Bio-Sensing Applications: Perspectives From DFT Simulations <u>Dr. Brahmananda Chakraborty</u> <i>BARC, Mumbai, India</i> |
| CL173 | Designing binder free electrocatalyst to enhance electrocatalytic activity towards HER in wide pH |

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| 15.15-15.25 (Abstract No. 0791) | range <u>Abdul Kareem</u> <i>Vellore Institute of Technology</i> |
| CL174 15.25-15.35 (Abstract No. 0906) | Novel Ternary Nitride Thin Film-Based Self-Powered, Broad Spectral Responsive Photodetector with a High Detectivity for Weak Light <u>Jeena George</u> <i>SRM Institute of Science and Technology</i> |
| CL175 15.35-15.45 (Abstract No. 0917) | Ultraviolet Induced Hydrophilicity of Metal Nanoparticles Decorated MnO ₂ NWs for Self-cleaning Applications <u>P Chinnamuthu</u> <i>NIT Nagaland</i> |
| CL176 15.45-15.55 (Abstract No. 1214) | Chemiresistive SnS ₂ /SnO ₂ heterostructures for enhanced room temperature NO ₂ gas sensor <u>Bharathi Palanisamy</u> <i>Shizuoka University</i> |
| CL177 15.55-16.05 (Abstract No. 1229) | Electrostatically formed nanowire as an ultrasensitive gas sensing platform <u>Anvesha Mukherjee</u> <i>Tel Aviv University</i> |
| CL178 16.05-16.15 (Abstract No. 1373) | Low ppm acetone detection by hydrothermally synthesized BiFeO ₃ chemiresistive sensor <u>Samya Neogi</u> <i>CSIR CMERI</i> |
| CL179 16.15-16.25 (Abstract No. 1375) | Development of Paper Microfluidic Device for the Detection of Alkaline Phosphatase Liver Function Biomarker <u>Haritha H Variar</u> <i>Amrita Vishwa Vidyapeetham</i> |
| SESSION – 7F | |
| 2D materials | |
| PARALLEL SESSION | |
| Chair Person | : Dr. Kamala Bharathy , Department of Physics and Nanotechnology, SRMIST |
| Repertoire | : Dr. R. Ajay Rakkesh , Department of Physics and Nanotechnology, SRMIST |
| IL73 14:15-14:45 | How to Publish in a Scientific Journal: A Publisher's Perspective <u>Dr. Biswanath Dutta</u> <i>The Elsevier publisher, The Netherlands</i> |
| IL74 14:45-15:15 | Nanomaterials for industrial waste water treatment <u>Mr. P Aravind Mukesh</u> <i>United Breweries, Bangalore</i> |
| CL180 15.15-15.25 (Abstract No. 1794) | A novel 2D square lattice of BeN ₄ different from recently synthesized and predicted polymorphs: DFT perspective <u>Mukesh Singh</u> <i>IIT Bombay</i> |
| CL181 15.25-15.35 (Abstract No. 1816) | Synthesis of luminescent lanthanide coordination polymers using N, N' -disubstituted benzimidazole ligand <u>Sabitha kala Thatituri</u> <i>Jawaharlal Nehru Technological University Hyderabad</i> |
| CL182 15.35-15.45 | Graphene-Based Nanomaterials: Synthesis and Environmental Application for As Decontamination from Water and Soil |

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| (Abstract No. 1950) | <u>Muhammad Shahbaz Akhtar</u> <i>Forman Christian College A Chartered University</i> |
| CL183 15.45-15.55 (Abstract No. 2017) | Performance of Electrospun Nylon/CNT Composite Nanofibers for Air Filtration <u>Mohammed Muzwar</u> <i>IIT Madras</i> |
| CL184 15.55-16.05 (Abstract No. 2092) | Effect of Fe-NM co-doping on Structure, Electronic and Magnetic Properties of Monolayer 2H-MoTe ₂ : A First-Principles Study <u>Anagha G</u> <i>IIT Hyderabad</i> |
| CL185 16.05-16.15 (Abstract No. 2337) | Raman spectroscopic study of the layer-dependent Davydov splitting and thermal conductivity of chemically vapor deposited two-dimensional MoSe ₂ <u>Vineeta</u> <i>University of Delhi</i> |
| CL186 16.15-16.25 (Abstract No. 2459) | Field-induced ionization of interface states in metal-semiconductor junctions <u>CK Pandey</u> <i>S N S College Motihari Bihar</i> |
| 14:15 – 17:15 | SESSION – 7G Nanomagnetism and Spintronics, Nanosensors |
| | PARALLEL SESSION |
| Chair Person | : Dr. Chandra Mohan , Department of Physics and Nanotechnology, SRMIST |
| Repertoire | : Dr. Trilochan Sahoo , Department of Physics and Nanotechnology, SRMIST |
| CL187 14.15-14.25 (Abstract No. 0905) | Strain Tunable Electronic, Magnetic, and Transport Properties of 2D ReI ₃ /FeI ₃ Van der Waals Heterostructure <u>John Donald Raj J</u> <i>SRM Institute of Science and Technology</i> |
| CL188 14.25-14.35 (Abstract No. 1462) | Femtosecond Laser-assisted 4D Printing of a Miniaturised Organo-arsenic Sensor <u>Sweta Rani</u> <i>IITB Monash Research Academy</i> |
| CL189 14.35-14.45 (Abstract No. 1620) | Efficient Degradation of Organic dye using Iron oxide-MnO _x Core-Shell nanoparticles via Advance Oxidation Process <u>Anushree Chintaparthi</u> <i>Indira Gandhi Centre for Atomic Research</i> |
| IL75 14:45-15:15 | Magnetotransport study on metallic CaCu ₃ Ru ₄ O ₁₂ and Pt thin films <u>Dr. Debakanta Samal</u> <i>Institute of Physics, Bhubaneswar</i> |
| IL76 15:15-15:45 | Diffusive Transport of Antiferromagnetic Magnons in alpha-Fe ₂ O ₃ (Hematite) [10:45 AM CET] <u>Dr. Matthias Opel</u> <i>Scientist, Walther Meissner Institute, Germany</i> |
| CL190 15.45-15.55 (Abstract No. 1841) | A comparative study on the magnetic properties of single and 1D array of LSMO Nanospheres using micromagnetic simulation <u>Anu Saji</u> <i>SRM Institute of Science and Technology</i> |
| CL191 15.55-16.05 (Abstract No. 2065) | Effect of thickness variation on magnetization dynamics in GdFe thin films <u>Devapriya MS</u> <i>IIT Hyderabad</i> |

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| CL192 16.05-16.15 (Abstract No. 2245) | Controlling tungsten structural phases via sputtering process parameters for spintronic applications <u>K Sriram</u> <i>IIT Hyderabad</i> |
| CL193 16.15-16.25 (Abstract No. 2249) | Effect Of Thermal Annealing On The Magnetization Reversal And Spin Dynamics In Ferrimagnetic CoTb Thin Films <u>Jhantu Pradhan</u> <i>IIT Hyderabad</i> |
| CL194 16.25-16.30 (Abstract No. 0157) | Facile Synthesis of Nanourchin Like Manganese Oxide Electrode For High Performance Symmetric Supercapacitor <u>Snehal Laxman Kadam</u> <i>Seoul National University</i> |
| 16:30-17:15 | Keynote Lectures |
| Chair Person | : Prof. Roberto Paolesse , University of Rome Tor Vergata, Italy |
| Repertoire | Dr. V. Ganesh , Department of Physics and Nanotechnology, SRMIST |
| KL18 16:30-17:15 | New black gold from agrowastes <u>Prof. Mohamed Chehimi</u> <i>University of Paris, France</i> |
| 17:15-17:45 | AWARDS AND CONCLUDING SESSION |

Session-1-27th Mar 2023-1.30 PM to 3.00 PM
postertrack-1 and postertrack-2

| S.No | Contributory Poster ID | Registration/ Abstract ID | Title and Name of the Presenter |
|-------------|-------------------------------|----------------------------------|--|
| 1 | CP-1 | 573 | "DIRECT GROWTH OF LARGE-SCALE WS ₂ /P-SI HETEROJUNCTION FOR PHOTODETECTOR APPLICATIONS", Vandana Vakkanti, SRMIST,INDIA |
| 2 | CP-2 | 1339 | "A RECENT PROSPECTIVE TOWARDS ENERGY OF OF 2D LAYERED DOUBLE HYDROXIDES: A REVIEW", Payalben N Chauhan, P D PATEL INSTITUTE OF APPLIED SCIENCE CHARUSAT,INDIA |
| 3 | CP-3 | 1387 | "PROBING THE GROWTH PARAMETERS OF CHEMICAL VAPOR DEPOSITION FOR DIRECT GROWTH OF GRAPHENE ON DIELECTRIC SUBSTRATES", Preethu P Satheesh, SRMIST KATTANKULATHUR,INDIA |
| 4 | CP-4 | 1492 | "2D NANOMATERIALS FOR THE APPLICATION IN PHOTODETECTORS ", Yadav Ramsingh, SRMIST,INDIA |
| 5 | CP-5 | 1712 | "ZINC SULFIDE/REDUCED GRAPHENE OXIDE (ZNS/RGO) COMPOSITE ELECTRODE MATERIAL WITH ENHANCED ELECTROCHEMICAL PERFORMANCE FOR SUPERCAPACITOR APPLICATION", Adfar Rashid, LOVELY PROFESSIONAL UNIVERSITY,INDIA |
| 6 | CP-6 | 1719 | "LAYERED TWO DIMENSIONAL V ₂ C MXENE PREPARED VIA DEEP EUTETIC SOLVENT ETCHING TOWARDS ENERGY STORAGE APPLICATIONS", P Sivaharini, MADURAI KAMARAJ UNIVERSITY,INDIA |
| 7 | CP-7 | 1740 | "EFFECT OF STRAIN AND DEFECTS IN MOS ₂ FOR SENSING OF NITROBENZENE: A DFT INVESTIGATION", Seetha Lakshmy, MAHATMA GANDHI UNIVERSITY,INDIA |

| S.No | Contributory Poster ID | Registration/ Abstract ID | Title and Name of the Presenter |
|-------------|-------------------------------|----------------------------------|--|
| 8 | CP-8 | 1756 | "EFFECTS OF STRAIN ON 2-DIMENSIONAL POLYARAMID FOR HYDROGEN STORAGE APPLICATIONS: INSIGHTS FROM DENSITY FUNCTIONAL THEORY", HEERA T NAIR, MSU BARODA,INDIA |
| 9 | CP-9 | 1787 | "ENHANCED CATECHOL SENSING BY DEFECT AND STRAIN ENGINEERING IN 2D VSE2 MONOLAYER: A FIRST-PRINCIPLES STUDY", Antara Vaidyanathan, DEPARTMENT OF CHEMISTRY,INDIA |
| 10 | CP-10 | 1796 | "PHOTOCATALYTIC CARBON RECYCLING WITH A 2D POLYMER: A DFT STUDY", Gopal Sanyal, BHABHA ATOMIC RESEARCH CENTRE,INDIA |
| 11 | CP-11 | 1820 | "TEMPERATURE-DEPENDENT ELECTRICAL CHARACTERISTICS BEHAVIOR AND CARRIER TRANSPORT IN PTSE2/N-TYPE GAN HETEROJUNCTION DIODE", Vallivedujanardhanam, JEONBUK NATIONAL UNIVERSITY,KOREA, REPUBLIC OF |
| 12 | CP-12 | 1852 | "RUTHENIUM METAL SPUTTER DOPED MOLYBDENUM DISULFIDE THIN FILMS WITH ENHANCED OPTO-ELECTRONIC PROPERTIES", Gopika G, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 13 | CP-13 | 1929 | "CO2 ADSORPTION ON THE 2D MONOLAYER OF CUO", Kamal Kumar, UPES,INDIA |
| 14 | CP-14 | 2062 | "SURFACE OXYGEN INFLUENCED RESISTIVE MEMORY SWITCHING BEHAVIOR OF GRAPHENE DERIVATIVES", Parameshwari Ramalingam, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY TRICHY,INDIA |
| 15 | CP-15 | 2130 | "EXPLORING THE FASCINATING WORLD OF 2D MATERIALS", Sivaraj M, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |

| S.No | Contributory Poster ID | Registration/ Abstract ID | Title and Name of the Presenter |
|-------------|-------------------------------|----------------------------------|---|
| 16 | CP-16 | 2160 | "HIGH PRESSURE PHASE TRANSITIONS IN SRYF (Y = CL, BR AND I) - FIRST PRINCIPLE CALCULATIONS", Lavanya Kunduru, JNTUH TSWRDCWNIZAMABAD,INDIA |
| 17 | CP-17 | 2225 | "FLEXIBLE CARBON NANOFIBER NETWORKS CONFINED WITH MXENE AND MNO2 NANOPARTICLES AS ELECTRODES FOR SUPERCAPACITOR APPLICATION.", Kiran Donthula, NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL,INDIA |
| 18 | CP-18 | 2240 | "INDUCED MAGNETIZATION ON DEFECT SITE OF SIC MONOLAYER", Lalhumhima, MIZORAM UNIVERSITY,INDIA |
| 19 | CP-19 | 2315 | "POLARIZED MOIRÉ PHONON AND STRAIN-COUPLED PHONON RENORMALIZATION IN TWISTED BILAYER MOS2", Sameer Kumar Mallik, INSTITUTE OF PHYSICS BHUBANESWAR,INDIA |
| 20 | CP-20 | 2346 | "ENHANCED FERROELECTRIC EFFECTS IN SELF-ASSEMBLED FREE-STANDING PB(ZR0.52TI0.48)O3 THIN FILM", Sridevi Meenachisundaram, BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH,INDIA |
| 21 | CP-21 | 2431 | "SURFACE STRUCTURING OF SILICON SUBSTRATES: A POTENTIAL ROUTE TO DIRECT CVD GROWTH OF MOS2 AND HIERARCHICALLY STRUCTURED HETEROJUNCTIONS", Karthikeyan pandurangan, SRMIST,INDIA |
| 22 | CP-22 | 7 | "HEAT TRANSFER EFFECTS OF MAGNETO HYDRODYNAMICS AND RADIATION WITH NON-UNIFORM SURFACE TEMPERATURE ON NANOFLUID PAST A MOVING INCLINED PLATE.", Gayathri S, SRMIST,INDIA |
| 23 | CP-23 | 10 | "UNSTEADY FLOW OF HEAT AND MASS TRANSFER WITH THE EFFECTS OF THERMOPHORESIS AND BROWNIAN MOTION ON NANOFLUID PAST A MOVING INCLINED PLATE.", Gayathri S, SRMIST,INDIA |

| S.No | Contributory Poster ID | Registration/ Abstract ID | Title and Name of the Presenter |
|-------------|-------------------------------|----------------------------------|--|
| 24 | CP-24 | 39 | "TAILORING ELECTRONIC PROPERTIES AND WORK FUNCTION OF MONOLAYER PLUMBENE BY SUBSTITUTIONAL DOPING AND BIAxIAL STRAIN-A DFT STUDY", Prarena Jamwal, IIT ROPAR,INDIA |
| 25 | CP-25 | 71 | "3D FORENSIC FACIAL RECONSTRUCTION AND ITS USE IN FORENSIC INVESTIGATION. A REVIEW", Gautam Kumar, GALGOTIAS UNIVERSITY,INDIA |
| 26 | CP-26 | 128 | "FACILE SYNTHESIS, SPECTRAL CHARACTERIZATION AND INVESTIGATION OF HIRSHFELD SURFACE ANALYSIS, QUANTUM CHEMICAL CALCULATIONS, MOLECULAR DOCKING STUDIES, AND CRYSTAL STRUCTURE ELUCIDATION OF TWO NOVEL AROYL UREA DERIVATIVES", Mohanbabu M, PRESIDENCY COLLEGE,INDIA |
| 27 | CP-27 | 139 | "IMPORTANCE OF THE HUBBARD U PARAMETER TO EXPLORE ACCURATE ELECTRONIC AND OPTICAL BEHAVIOUR OF BIFEO ₃ ", Supriya Ghosal, UNIVERSITY OF CALCUTTA,INDIA |
| 28 | CP-28 | 140 | "A THEORETICAL STUDY ON INTERACTION OF BIMETALLIC CLUSTERS ON PYRIDINE DERIVATIVE – STRUCTURAL, ELECTRONIC, SERS AND ANTIVIRAL STUDY", Sravanthi R, ETHIRAJ COLLEGE FOR WOMEN,INDIA |
| 29 | CP-29 | 175 | "PT AND TIO ₂ NANOPARTICLE MODIFIED SCREEN PRINTED ELECTRODES FOR ELECTROCHEMICAL NITRIC OXIDE SENSING APPLICATION", Dulal Chandra Patra, NATIONAL INSTITUTE OF TECHNOLOGY, AGARTALA,INDIA |
| 30 | CP-30 | 182 | "PRISTINE B40 FULLERENE AS A POTENTIAL DRUG CARRIER FOR ANTI-LUNG CANCER DRUG GEMCITABINE: A DFT AND QTAIM STUDY", Abisha Nancy S, KARUNYA INSITUITE OF TECHNOLOGY AND SCIENCE,INDIA |

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|-------------|-------------------------------|----------------------------------|--|
| 31 | CP-31 | 198 | "EFFECT OF DOPING ON THE ELECTRONIC PROPERTIES ON ARMCHAIR GRAPHENE NANORIBBON - A DFT STUDY", C.Preferencial Kala, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 32 | CP-32 | 216 | "THE INFLUENCE OF SILVER NANOPARTICLES IN THE FORMATION OF HYDRATED PHASES IN THE PRESENCE OF CARBON DIOXIDE AND SDS", Yulia Y Bozhko, NOVOSIBIRSK STATE UNIVERSITY,RUSSIAN FEDERATION |
| 33 | CP-33 | 227 | "MODULATING THE ELECTRONIC AND OPTICAL PROPERTIES OF BUCKLED A-GETEMONOLAYERWITH POINT DEFECTS: A FIRST-PRINCIPLES STUDY", Sakthi Balaji A, SRMIST,INDIA |
| 34 | CP-34 | 346 | "DFT STUDY OF SINGLE AND DOUBLE NI-DECORATED BORAZINE FOR HYDROGEN STORAGE", Farhan Khan, INTEGRAL UNIVERSITY, LUCKNOW,INDIA |
| 35 | CP-35 | 372 | "SENSITIVITY IMPROVEMENT IN GATE ENGINEERED CHARGE PLASMA BASED DIELECTRIC MODULATED GAN MOSHEMT WITH INGAN NOTCH FOR LABEL-FREE BIOSENSING", Girish Shankar Mishra, GITAM DEEMED TO BE UNIVERSITY, BENGALURU, KARNATAK,INDIA |
| 36 | CP-36 | 598 | "MOLECULAR, VIBRATIONAL (FT-IR & FT-RAMAN) AND UV SPECTRAL ANALYSIS OF 2-METHYLIMIDAZOLE USING QUANTUM CHEMICAL CALCULATIONS", Shalini S, SRMIST,INDIA |
| 37 | CP-37 | 686 | "INVESTIGATING LEGGETT-GARG INEQUALITY IN A TWO QUANTUM DOTS SYSTEM", Thingujam Yaiphalemba Meitei, SRMIST,INDIA |

| S.No | Contributory Poster ID | Registration/ Abstract ID | Title and Name of the Presenter |
|-------------|-------------------------------|----------------------------------|--|
| 38 | CP-38 | 706 | "INFLUENCE OF HUBBARD U IN MAGNETIC PROPERTIES AND MAGNETIC PHASE TRANSFORMATIONS OF GD ₂ FXO ₆ (X= CR, MN CO AND NI)", Chitimireddy Prashanth, NATIONAL INSTITUTE OF TECHNOLOGY ANDHRA PRADESH,INDIA |
| 39 | CP-39 | 723 | "DFT STUDY OF WO ₋₂ BASED TERNARY COMPOUND", Pushpendra Singh Shekhawat, AMITY UNIVERSITY, RAJASTHAN,INDIA |
| 40 | CP-40 | 724 | "DFT STUDY OF ZNO BASED TERNARY COMPOUND", Neha Sharma, AMITY UNIVERSITY JAIPUR,INDIA |
| 41 | CP-41 | 749 | "MD STUDY OF CO ₂ HYDRATES FORMATION IN DEPENDENCE ON H ₂ O CO ₂ SYSTEM COMPOSITION", Ravil Zhdanov, NIKOLAEV INSTITUTE OF INORGANIC CHEMISTRY SB RAS,RUSSIAN FEDERATION |
| 42 | CP-42 | 844 | "COMPUTATIONAL STUDIES ON ZNO AND CU-CE DOPED ZNO MATERIALS", Neha Sharma, AMITY UNIVERSITY JAIPUR,INDIA |
| 43 | CP-43 | 866 | "DFT STUDY OF WO ₋₃ BASED TERNARY COMPOUND", Pushpendra Singh Shekhawat, AMITY UNIVERSITY, RAJASTHAN,INDIA |
| 44 | CP-44 | 877 | "PH ₃ GAS ADSORPTION ON S AND MO VACANCY MOS ₂ MONOLAYER: A FIRST PRINCIPLE STUDY", Meribah Jasmine J, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 45 | CP-45 | 909 | "MOLECULAR STRUCTURE, VIBRATIONAL STUDIES, HIRSHFELD SURFACE ANALYSIS AND HOMO-LUMO STUDIES OF (E)-N,N-DIETHYL-2-(5-(3-HYDROXY-4-METHOXYBENZYLIDENE)-2,4-DIOXOTHIAZOLIDIN-3-YL) ACETAMIDE", J. Arubiya, PIONEER KUMARASWAMY COLLEGE,INDIA |

| S.No | Contributory Poster ID | Registration/ Abstract ID | Title and Name of the Presenter |
|-------------|-------------------------------|----------------------------------|--|
| 46 | CP-46 | 920 | "ANALYSIS OF LI-ION BATTERY DISCHARGE BEHAVIOR USING ANSYS FLUENT", Hari Narayanan KR, ADVANCED RESEARCH SCHOOL FOR TECHNOLOGYCENTRAL INS,INDIA |
| 47 | CP-47 | 921 | "DFT STUDY ON THE STRUCTURAL, ELECTRONIC AND THERMOPHYSICAL PROPERTIES OF SRTIO ₃ ", Ratnamala narsingrao Kharatmol, PARUL UNIVERSITY VADODARA GUJARAT,INDIA |
| 48 | CP-48 | 928 | "A STUDY ON POLARIZATION SWITCHING IN HYBRID IMPROPER FERROELECTRIC DOUBLE PEROVSKITES OXIDES FROM FIRST PRINCIPLES COMPUTATIONS AND MACHINE LEARNING", Gayathri, SRM,INDIA |
| 49 | CP-49 | 1062 | "SENSING PERFORMANCE OF PHTHALOCYANINES AND PORPHYRINS TOWARDS VOCS: AN INITIATIVE TOWARDS HEALTH, FOOD QUALITY AND ENVIRONMENTAL MONITORING", Rence P Reji, SRMIST,INDIA |
| 50 | CP-50 | 1063 | "STRUCTURAL, ELECTRONIC AND ADSORPTION STUDIES OF IONIC LIQUIDS AS AN EFFICIENT ELECTROLYTE FOR RECHARGEABLE BATTERIES: A DFT STUDY", Sreeram Jayan, SRM IST,INDIA |
| 51 | CP-51 | 1064 | "DETECTION OF TOXIC LIGANDS IN DRINKING WATER BY COMPOSITE OF IONIC LIQUID WITH VARIOUS TYPES OF QUANTUM DOTS WITH DIFFERENT SIZES USING DENSITY FUNCTIONAL THEORY", C B Sarath Kumar, SRMIST,INDIA |
| 52 | CP-52 | 1071 | "CHEMICAL FUNCTIONALIZATION OF SILICON CARBIDE NANOTUBE (SIC-NT): FIRST-PRINCIPLE'S DFT STUDY", U Adharsh, SRM UNIVERSITY,INDIA |
| 53 | CP-53 | 1072 | "COVALENT MODIFICATION OF SINGLE-WALLED BORON NITRIDE NANOTUBE (BNNT) WITH AMINO ACIDS: AB INITIO METHOD", Sneha J, SRM UNIVERSITY,INDIA |

| S.No | Contributory Poster ID | Registration/ Abstract ID | Title and Name of the Presenter |
|-------------|-------------------------------|----------------------------------|---|
| 54 | CP-54 | 1147 | "THEORETICAL STUDY OF THE ADSORPTION, CAPTURE AND DECOMPOSITION OF N ₂ O MOLECULE ON 2D-MOS ₂ SURFACE WITH AND WITHOUT S-VACANCIES", Christina Eleftheria Tzeliou, NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS,GREECE |
| 55 | CP-55 | 1163 | "CHEMICAL MODIFICATION OF ALUMINIUM NITRIDE NANOTUBES (ALNNT) USING -OH, C=O, R-SH FUNCTIONAL GROUPS: FIRST PRINCIPLE'S STUDY", Abinaya V, SRM UNIVERSITY,INDIA |
| 56 | CP-56 | 1167 | "EFFECT OF DOPING IN ZIGZAG AND ARMCHAIR GRAPHENE NANORIBBON USING DENSITY FUNCTIONAL THEORY", Gayathri Devi S, SRMIST KTR,INDIA |
| 57 | CP-57 | 1174 | "A THEORETICAL OVERVIEW OF TI ₃ C ₂ MXENE AS HER CATALYST", Shrestha Dutta, SRMIST KTR,INDIA |
| 58 | CP-58 | 1203 | "SPECTROSCOPIC AND COMPUTATIONAL STUDIES ON STRUCTURAL, VIBRATIONAL, AND NONLINEAR OPTICAL PROPERTIES OF NAPHTHALENE BASED AZO DYE", Kannan M R, SRMIST,INDIA |
| 59 | CP-59 | 1234 | "CRITICALITY POINTS ON THE PHASE DIAGRAM OF SUBSTANCES AS SCALINGPARAMETERS IN THE LAW OF CORRESPONDING STATES: ALKALI METALS", Ramesh A, ARIGNAR ANNA GOVERNMENT ARTS COLLEGE, NAMAKKAL,INDIA |
| 60 | CP-60 | 1241 | "CRITICALITY POINTS ON THE PHASE DIAGRAM OF SUBSTANCES AS SCALING PARAMETERS IN THE LAW OF CORRESPONDING STATES: ALKALI METALS", Ramesh A, ARIGNAR ANNA GOVERNMENT ARTS COLLEGE, NAMAKKAL,INDIA |

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|-------------|-------------------------------|----------------------------------|--|
| 61 | CP-61 | 1261 | "LINEAR MAGNETOELECTRIC EFFECT INDUCED BY AN EXTERNAL ELECTRIC FIELD IN AN ANTIFERROMAGNET DYMNO ₄ : AB – INITIO APPROACH", Vijay S, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 62 | CP-62 | 1264 | "VOCS ADSORPTION ON DEFECT INDUCED AND DOPED ARMCHAIR SILICENE NANORIBBON: AB INITIO METHOD", Akash R, SRMIST KATTANKULATHUR,INDIA |
| 63 | CP-63 | 1295 | "COMPUTATIONAL STUDY ON ALKALINE EARTH METAL DECORATED B ₂₀ NANOSHEETS FOR HYDROGEN STORAGE APPLICATION", Parimala devi D, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES,INDIA |
| 64 | CP-64 | 1320 | "STUDY ON DENSITY FUNCTIONAL THEORY OF MFE ₂ O ₄ (M=CO, NI, CU) FOR ELECTROCATALYTIC HYDROGEN AND OXYGEN EVOLUTION REACTION", Guruprasad Ashok Bhinge, DEVCHAND COLLAGE ARJUNNAGAR,INDIA |
| 65 | CP-65 | 1361 | "SPECTROSCOPIC INVESTIGATION AND NON LINEAR OPTICAL STUDY OF A NLO CHROMOPHORE", Sanjai Balaji, SRMIST,INDIA |
| 66 | CP-66 | 1381 | "THEORETICALLY STUDY OF THE PHOTOPHYSICAL PROPERTIES OF THE ZINC-N-CONFUSED TETRAPHENYLPORPHYRIN ADSORBED OR CHEMICALLY LINKED ON 2D-MOS ₂ SURFACE", Eleftherios Papamichalis, NATIONAL KAPODISTRIAN UNIVERSITY OF ATHENS,GREECE |
| 67 | CP-67 | 1454 | "PERFORMANCE ENHANCEMENT OF DIELECTRIC MODULATED ALGAN/ALN/GAN SYMMETRIC MOSHEMTS FOR LABEL-FREE BIOSENSING APPLICATIONS", M Vamsi Krishna, GITAM DEEMED TO BE UNIVERSITY,INDIA |

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|-------------|-------------------------------|----------------------------------|--|
| 68 | CP-68 | 1461 | "SENSITIVITY ENHANCEMENT OF GATE ENGINEERED AL ₂ O ₃ DIELECTRIC MODULATED ALGAN/ALN/GAN MOSHEMTS FOR BIOSENSING APPLICATIONS", Girish Shankar Mishra, GITAM DEEMED TO BE UNIVERSITY,INDIA |
| 69 | CP-69 | 1571 | "NEUTRAL NOBLE-METAL-FREE VCOO ₂ AND CR ₂ COO ₂ CLUSTER CATALYSTS FOR MULTIPLE NO OXIDATION REACTION BY O ₂ ", S M Suresh, ERODE SENGUNTHAR ENGINEERING COLLEGE,INDIA |
| 70 | CP-70 | 1687 | "A DENSITY FUNCTIONAL THEORY STUDY ON ELECTRONIC PROPERTIES OF METALLOPORPHYRINS", S.Sudhakar, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 71 | CP-71 | 1688 | "A DENSITY FUNCTIONAL THEORY STUDY ON ELECTRONIC PROPERTIES OF DIFFERENT FUNCTIONAL GROUPS OF VOCS", K J Vinayagamoorthy, SRMIST,INDIA |
| 72 | CP-72 | 1704 | "WEARABLE VIBRATION BASED COMMUNICATION SYSTEM FOR DEAF", Sriharish, BANARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 73 | CP-73 | 1721 | "ONE POT SYNTHESIS OF FENI ALLOY NANOPARTICLES DECORATED ON N-DOPED CARBON FOR OXYGEN EVOLUTION REACTION IN ALKALINE MEDIA", K Ram Kumar, SRMIST,INDIA |
| 74 | CP-74 | 1753 | "COMPARATIVE STUDY OF SURFACE INTERACTIONS IN 2D BORON (BOROPHENE) AND CARBON (GRAPHENE) – A DFT INVESTIGATION", K. Iyakutti, SRMIST,INDIA |
| 75 | CP-75 | 1802 | "THE FIRST PRINCIPLE CALCULATIONS OF STRUCTURAL STABILITY OF TRANSITION METAL DOPED MOS ₂ ", Nithya Shree A, SRMIST,INDIA |

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|-------------|-------------------------------|----------------------------------|--|
| 76 | CP-76 | 1803 | "FORMATION AND STRUCTURAL STABILITY ANALYSIS OF HYDROGENATED SINGLE LAYER GRAPHENE", Vijaya Sarathi S, SRMIST,INDIA |
| 77 | CP-77 | 1891 | "A DFT(D) U STUDY OF CO2 CONVERSION ON CUO", Abhishek Kumar Mishra, UNIVERSITY OF PETROLEUM AND ENERGY STUDIES,INDIA |
| 78 | CP-78 | 1912 | "APPLICATIONS OF NANOTECHNOLOGY IN MODERN COMPUTERS", Vanishri N M, BANNARI AMMAN INSTITUTE OF TECHNOLOGY98,INDIA |
| 79 | CP-79 | 2036 | "DESIGN AND SIMULATION OF MICROSTRIP PATCH ANTENNA AT 40GHZ FOR 5G APPLICATION IN FR2 RANGE", Pooja Panda, VELLORE INSTITUTE OF TECHNOLOGY,INDIA |
| 80 | CP-80 | 2134 | "ELECTROACTIVE POLYMER ACTUATORS IN DYNAMIC APPLICATION", Sathi kumaran K, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 81 | CP-81 | 2199 | "SCANDIUM DECORATED CYCLO-18-CARBON FOR ENHANCED HYDROGEN ADSORPTION: A FIRST PRINCIPLE INVESTIGATION ", Jeena Rose Jose, MAHATMA GANDHI UNIVERSITY,INDIA |
| 82 | CP-82 | 2280 | "TOWARDS ENERGY EFFICIENCY FOR THE INTERNET OF BIO NANO THINGS: A LOSSY SIGNAL COMPRESSION APPROACH", Evangelin D, FRANCIS XAVIER ENGINEERING COLLEGE,INDIA |
| 83 | CP-83 | 2357 | "NON LINEAR OPTICAL PROPERTIES OF FLUORINATED GRAPHENE QUANTUM DOTS", S Begam Elavarasi, ANNA UNIVERSITY,INDIA |
| 84 | CP-84 | 2473 | "PHOTOCATALYTIC CARBON RECYCLING WITH A 2D POLYMER: A DFT STUDY", Dev Shrivastava, NISER,INDIA |
| 85 | CP-85 | 2535 | "CONVERSION OF CARBON DIOXIDE TO METHANOL IN SIZE SELECTED COPPER CLUSTER ON GRAPHENE SUBSTRATE- A COMPUTATIONAL STUDY", C B Sarath Kumar, SRMIST,INDIA |

| S.No | Contributory Poster ID | Registration/ Abstract ID | Title and Name of the Presenter |
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| 86 | CP-86 | 2553 | "THEORETICAL STUDY OF BULK AND 001 SURFACE OF ERBIUM DOPED TIO 2", Kamaljeet Singh, SHIZUOKA UNIVERSITY,,Japan |
| 87 | CP-87 | 8 | "A COMPARATIVE STUDY OF ANTIOXIDANT POTENTIAL OF GREEN SYNTHESIZED SOME METAL AND METAL OXIDE NANOPARTICLES", Pradnya Sunil Bapte, SN ARTS, DJM COMMERCE BNS SCIENCECOLLEGE SANGAMNER,INDIA |
| 88 | CP-88 | 9 | "BIOSYNTHESIS OF NICKEL OXIDE NANOPARTICLES", M. Irfana Amrin, SADAKATHULLAH APPA COLLEGE,INDIA |
| 89 | CP-89 | 27 | "FACILE SYNTHESIS OF SILVER NANOPARTICLES USING THE ETHANOLIC LEAF EXTRACT OF PAEDERIA FOETIDA AND ITS PROCESS PARAMETER OPTIMIZATION", Sreyashi Sarkar, FTBE DEPT JADAVPUR UNIVERSITY KOL32,INDIA |
| 90 | CP-90 | 28 | "MULTIFUNCTIONALITY INTO RARE EARTH PIGMENTS: COUPLING ENERGY AND SUSTAINABILITY", S P Radhika, MEENAKSHI COLLEGE FOR WOMEN,INDIA |
| 91 | CP-91 | 82 | "A SIGNIFICANT REVIEW ON PLANT MEDIATED GREEN SYNTHESIS OF ZNO NPS AND THEIR POTENTIAL REGENERATIVE APPLICATIONS", Prabhawati Uttam Fatangare, SN ARTS DJM COMMERCE BNS SCIENCE COLLEGE,INDIA |
| 92 | CP-92 | 102 | "SYNTHESIS AND CHARACTERIZATION OF FLUORESCENT CARBON QUANTUM DOTS FROM PROSOPIS JULIFLORA STEMS", Kaviyapriya Kirubanithy, UNIVERSITY OF MADRAS,INDIA |

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| 93 | CP-93 | 147 | "GREEN SYNTHESIS AND POTENTIAL ANTIBACTERIAL APPLICATIONS OF SILVER NANOPARTICLES USING AQUEOUS LEAF EXTRACT OCIMUM TENUIFLORUM", T Vigneswari, RAMCO INSTITUTE OF TECHNOLOGY RAJAPALAYAM,INDIA |
| 94 | CP-94 | 161 | "BIOSYNTHESIZED CEO ₂ ENCAPSULATED GO NANOCOMPOSITES AS POTENTIAL ELECTRODE MATERIALS FOR HIGH-PERFORMANCE ELECTROCHEMICAL SUPERCAPACITOR", Siranjeevi Ravichandran, SAVEETHA UNIVERSITY,INDIA |
| 95 | CP-95 | 165 | "GREEN CARBON DOT DERIVED FROM MEDICINAL HERBS VIA ONE-POT HYDROTHERMAL SYNTHESIS", Aparna Unnikrishnan, PSGR KRISHNAMMAL COLLEGE FOR WOMEN,INDIA |
| 96 | CP-96 | 181 | "SYNTHESIS OF FLUORESCENT CARBON NANOPARTICLES FROM SIMAROUBA GLAUCA LEAF EXTRACT", Meera Varghese, CHRIST UNIVERSITY,INDIA |
| 97 | CP-97 | 255 | "COST-EFFECTIVE AND ENVIRONMENT-FRIENDLY GREEN FABRICATION OF SAGO-SHAPED CUO-BASED NANOMATERIAL AND ITS ANTIBACTERIAL ACTIVITY EVALUATION", Tahmeena Khan, INTEGRAL UNIVERSITY,INDIA |
| 98 | CP-98 | 279 | "ELECTROCATALYTIC STUDY OF CARBON DOTS/GADOLINIUM HYDROXIDE FOR OXYGEN EVOLUTION REACTION IN ALKALINE MEDIUM", Nithya, CENTRAL UNIVERSITY OF TAMILNADU,INDIA |
| 99 | CP-99 | 297 | "GRAPHENE OXIDE NANOSHEETS AS A COUNTER ELECTRODE FOR PT FREE NATURAL DYE SENSITIZED SOLAR CELL APPLICATION", T Shanmugapriya, PSGR KRISHNAMMAL COLLEGE FOR WOMEN,INDIA |

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| 100 | CP-100 | 317 | "SYNTHESIS OF SILVER NANOPARTICLES USING CRATEVA MAGNA EXTRACT AND THEIR ENVIRONMENT AND BIOMEDICAL APPLICATIONS", Arjun Babu, B S ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE AND,INDIA |
| 101 | CP-101 | 331 | "IN VITRO ANTIOXIDANT POTENTIAL OF AN ESSENTIAL OILS OF PALMAROSA AND TURMERIC AND ITS ANTIBACTERIAL ACTIVITY", Rekha Pachaiappan, SIMATS SCHOOL OF ENGINEERING,INDIA |
| 102 | CP-102 | 358 | "GREEN SYNTHESIZED SILVER OXIDE NANOPARTICLES, CHARACTERIZATION AND ITS ANTICANCER ACTIVITY AGAINST HEPATOCELLULAR CARCINOMA", Sujatha Venugopal, PONDICHERRY UNIVERSITY,INDIA |
| 103 | CP-103 | 376 | "AL DOPED TIO ₂ NANOPARTICLES FOR BETTER EFFICIENCY OF DSSC", Fanny Joselin, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCE,INDIA |
| 104 | CP-104 | 379 | "STRUCTURAL AND OPTICAL STUDIES ON CUSNO ₃ PEROVSKITE NANOPARTICLES", Pranav P, DEPARTMENT OF PHYSICS,INDIA |
| 105 | CP-105 | 385 | "PREPARATION AND CHARACTERIZATION OF CHITOSAN-SILK BASED BIO FILM AND THEIR WOUND HEALING PROPERTY", A. Vanitha, KAMBAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN,INDIA |
| 106 | CP-106 | 393 | "METAL ORGANIC FRAMEWORKS BASED TRIBOELECTRIC NANOGENERATOR FOR BIOMEDICAL APPLICATIONS", Nitha P K, VELLORE INSTITUTE OF TECHNOLOGY VELLORE,INDIA |
| 107 | CP-107 | 431 | "FLOWER MEDIATED OF TITANIUM DIOXIDE NANOPARTICLES USING JASMINE FLOWER FOR APPLICATION IN PHOTOCATALYTIC DYE DEGRADATION", P.Pamitha, BHARATHIDASAN UNIVERSITY,INDIA |

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| 108 | CP-108 | 456 | "FABRICATION AND CHARACTERIZATION OF GOLD NANOPARTICLES USING MUSHROOM EXTRACT", Swarup Roy, SHOOLINI UNIVERSITY,INDIA |
| 109 | CP-109 | 461 | "ECO-FRIENDLY SYNTHESIS OF TITANIUM DIOXIDE (TIO ₂) NANOPARTICLES (NPS) USING KINNOW (FRUIT PEEL) EXTRACTS AND THEIR SPECTROSCOPIC APPROACH", Ajay Kumar Tiwari, NEHRU GRAM BHARATI DEEMED TO BE UNIVERSITY,INDIA |
| 110 | CP-110 | 473 | "ANTIBACTERIAL ASSESSMENT OF BIOGENIC AG1.8MN8O16 NANOPARTICLES AGAINST COMMON WATERBORNE BACTERIA", Bandita Panda, BERHAMPUR UNIVERSITY,INDIA |
| 111 | CP-111 | 486 | "MIXED NICKEL SULFIDES HETEROSTRUCTURE AS HYDROGEN EVOLUTION ELECTROCATALYST IN UNIVERSAL PH MEDIUM.", Naznin Mohammed Usman Shaikh, PANDIT DEENDAYAL ENERGY UNIVERSITY,INDIA |
| 112 | CP-112 | 497 | "GREEN SYNTHESIS AND X-RAY DIFFRACTION STUDIES OF COBALT FERRITE NANOPARTICLES ", Seema Raghunathrao Mehetre, GOVT JR COLLEGE OF EDUCATION W AURANGABAD,INDIA |
| 113 | CP-113 | 502 | "SYNTHESIS, CHARACTERIZATION AND UTILIZATION OF MICRO-SHELL PHASE CHANGE MATERIAL AND ITS APPLICATION IN GREEN GEOPOLYMERIC BUILDINGS FOR THERMAL ENERGY STORAGE", Rithikaa Thanigaiselvan, SRM IST,INDIA |
| 114 | CP-114 | 525 | "GREEN SYNTHESIS OF CEO ELECTRODE USING NAGALI EXTRACT FOR SUPERCAPACITOR APPLICATION", Shreyas Shridhar Deshmukh, KMC COLLAGE KHOPOLI,INDIA |

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| 115 | CP-115 | 534 | "URENA SINUATA LEAF EXTRACT FOR SYNTHESIS OF BIO NANOPARTICLE VIA GREEN METHOD FOR SUPERCAPACITOR APPLICATIONS", Manswi Chandrakant Bhase, K.M.C COLLEGE, KHOPOLI,INDIA |
| 116 | CP-116 | 535 | "BAO ELECTRODE PREPARED USING LANTANA CAMORRA LEAF EXTRACT VIA GREEN SYNTHESIS METHOD FOR SUPERCAPACITOR APPLICATIONS", Mihir Sudhir Mundhe, K.M.C. COLLEGE KHOPOLI,INDIA |
| 117 | CP-117 | 536 | "GREEN SYNTHESIS OF MNO ELECTRODE USING CASSIA TORA LEAF EXTRACT FOR SUPERCAPACITOR APPLICATIONS", Pratiksha Ulhas Shirke, K.M.C COLLAGE KHOPOLI,INDIA |
| 118 | CP-118 | 540 | "GREEN SYNTHESIS OF COPPER OXIDE NANOPARTICLE USING MORINGA OLEIFERA LEAF EXTRACT FOR SUPERCAPACITOR APPLICATIONS", Akshata Sudhir Bombe, K.M.C. COLLEGE, KHOPOLI,INDIA |
| 119 | CP-119 | 568 | "POSITIVE EFFECTS OF A FORMULATED MICROBIAL CONSORTIUM ON THE GROWTH AND WELLBEING OF RICE AND WHEAT CROPS", Kalyani Naik, KIIT,INDIA |
| 120 | CP-120 | 591 | "SUPERCAPACITOR APPLICATIONS OF GREEN SYNTHESIZED MGO ELECTRODE USING BAUHINIA RACEMOSA AS A LEAF EXTRACT", Prakash Shrinivas Madivel, K.M.C COLLEGE KHOPOLI,INDIA |
| 121 | CP-121 | 593 | "BISMUTH OXIDE ELECTRODES SYNTHESIZED VIA GREEN METHOD USING MIKANIA MICARATHA LEAF EXTRACT FOR SUPERCAPACITOR APPLICATIONS", Dipti Bhaskar Bhoir, K.M.C COLLEGE KHOPOLI,INDIA |
| 122 | CP-122 | 594 | "GREEN SYNTHESIS OF ZNO ELECTRODE USING NIGHT JASMIN LEAF EXTRACT FOR SUPERCAPACITOR APPLICATIONS", Roshani Uday Singh, KMC COLLEGE,INDIA |

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| 123 | CP-123 | 595 | "STRONTIUM OXIDE NANOPARTICLE SYNTHESIZED USING GREEN SYNTHESIS METHOD DIOSCOREA BULBIFERA LEAF EXTRACT FOR SUPERCAPACITOR", Aniket Amogsiddha Raiban, KMC COLLEGE KHOPOLI,INDIA |
| 124 | CP-124 | 597 | "GREEN SYNTHESIS OF NIO NANOPARTICLE USING ACHRYANTHES ASPERA LEAF EXTRACT FOR SUPERCAPACITORAPPLICATION", Varsha Papat Shisath, KMC COLLEGE KHOPOLI,INDIA |
| 125 | CP-125 | 610 | "IMPEDANCE SPECTROSCOPY BASED CHARACTERIZATION OF SENSING INTERFACE OF OEET-BASED BIOSENSOR", Sneha M, IGCAR,INDIA |
| 126 | CP-126 | 645 | "NATURAL OILS AS BIOINSECTICIDES: IMPLICATIONS IN AGRICULTURAL LANDSCAPE", Jyotsna Bandi, VFSTR,INDIA |
| 127 | CP-127 | 666 | "BIOMOLECULAR INTERACTIONS OF PURE AND CO, NI DOPED IRON OXIDE NANOPARTICLES FROM CATHARANTHUS ROSEUS AND ITS IN VITRO CYTOTOXIC EFFECT ON MCF-7 CELLS", N Pavithra, SRI GVG VISALAKSHI COLLEGE FOR WOMEN UDUMALPET,INDIA |
| 128 | CP-128 | 690 | "VISIBLE-LIGHT DRIVEN PHOTODEGRADATION OF METHYLENE BLUE DYE USING FE(II) BASED PHOTOCATALYST DERIVED FROM INDUSTRIAL WASTE MILL SCALE", Umisha Singh, IITB,INDIA |
| 129 | CP-129 | 773 | "IMPROVED PERFORMANCE OF WHEAT SEEDS (TRITICUM AESTIVUM L.) BY VIRTUE OF SEED COAT MODIFICATION", Subash M, SRMIST,INDIA |
| 130 | CP-130 | 790 | "SYNTHESIS AND CHARACTERIZATION OF GOLD- GRAPHENE OXIDE NANOCOMPOSITES USING BLACK TEA POWDER", Hiral Mistry, DEPARTMENT OF PHYSICS,INDIA |

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| 131 | CP-131 | 801 | "ACACIA NILOTICA GUM BASED GREEN SYNTHESIS OF TIO ₂ , ZRO ₂ AND TIO ₂ -ZRO ₂ NANOPARTICLES FOR ANTI MICROBIAL ACTIVITY", Sonali Ashok Korde, DEPT OF CHEMISTRY DR B A M U AURANGABAD,INDIA |
| 132 | CP-132 | 809 | "CEO ₂ /CO ₃ O ₄ HETEROSTRUCTURES WITH GRAPHITIC CARBON NITRATE FOR SUPERIOR VISIBLE LIGHT-DRIVEN PHOTOCATALYTIC DEGRADATION OF ORGANIC DYE.", Gomathi A, PERIYAR UNIVERSITY,INDIA |
| 133 | CP-133 | 815 | "MXENES BASED ELECTROCHEMICAL SENSORS AND BIOSENSORS FOR ENVIRONMENTAL AND HEALTH CARE MONITORING", K Thenmozhi, VELLORE INSTITUTE OF TECHNOLOGY,INDIA |
| 134 | CP-134 | 834 | "EFFECT OF ZINC OXIDE NANOPARTICLES ON WHEAT SEED GERMINATION AND SEEDLING GROWTH", Sneh Gautam, G B PANT UNIVERSITY OF AGRICULTURE AND TECHNOLOGY,INDIA |
| 135 | CP-135 | 847 | "A COUPLED MICROSTRUCTURE-NANOINDENTATION STUDY ON SILICO ALUMINO PHOSPHATE GEL DERIVED FROM METAKAOLIN AND NANO ALUMINA (N-AL ₂ O ₃)", Vanitha N, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 136 | CP-136 | 868 | "ISOLATION AND CHARACTERIZATION OF NANOCELLULOSE FROM AGRICULTURAL WASTE", Anand Babu, SRMIST,INDIA |
| 137 | CP-137 | 871 | "EXPERIMENTAL INVESTIGATION OF THE CO ₂ HYDRATE FORMATION IN THE WATER WITH PRESENCE SDS AND SIO ₂ NANOPARTICLES", Anton Meleshkin, KUTATELADZE INSTITUTE OF THERMAL PHYSICS SB RAS,RUSSIAN FEDERATION |

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| 138 | CP-138 | 883 | "INFLUENCE OF ALUMINIUM DOPED ON NICKEL COBALT FERRITE ON MAGNETIC AND STRUCTURAL PROPERTIES BY GREEN SYNTHESIS METHOD", Arati Chandragupta Mehere, MES ABASAHEB GARWARE COLLEGE PUNE,INDIA |
| 139 | CP-139 | 891 | "NANOSTRUCTURAL DESIGN OF ZNO USING DIFFERENT AQUEOUS WASTE EXTRACT FOR PHOTOCATALYTIC APPLICATIONS", Riu Riu Wary, CENTRAL INSTITUTE OF TECHNOLOGY KOKRAJHAR,INDIA |
| 140 | CP-140 | 933 | "FABRICATION OF ERI SILK FIBROIN BASED SILVER NANOPARTICLES FOR ANTIBACTERIAL ACTIVITY", Manasi Buzar Baruah, CIT KOKRAJHAR,INDIA |
| 141 | CP-141 | 970 | "SYNTHESIS AND CHARACTERIZATION OF FLOWER-LIKE ZNO NANOPARTICLES BY GREEN ROUTES", Surabhi Sharma, MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY,INDIA |
| 142 | CP-142 | 995 | "SYNTHESIS OF COPPER NANOPARTICLES FROM LEAF EXTRACT OF ERYNGIUM FOETIDUM LINN AND ITS ANTIMICROBIAL ACTIVITIES", D.Aashiba, NESAMONY MEMORIAL CHRISTIAN COLLEGE,MARTHANDAM,INDIA |
| 143 | CP-143 | 1008 | "INTEGRATION OF THE ENERGY GENERATION AND RESOURCE RECOVERY FROM HUMAN URINE USING MICROBIAL FUEL CELL TECHNOLOGY- A PILOT STUDY", Sreelakshmi C, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 144 | CP-144 | 1017 | "A COMPARATIVE STUDY OF METAL OXIDE NANOPARTICLES USING SELENICEREUS UNDATUS PEEL EXTRACT", Shandhiya, PHYSICS,INDIA |

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| 145 | CP-145 | 1028 | "NON-PHOTOCATALYTIC WATER SPLITTING FOR GREEN ENERGY PRODUCTION USING MG DOPED NIO BASED HYDROELECTRIC CELL", Rajiv kashyap, PANJAB UNIVERSITY, CHANDIGARH,INDIA |
| 146 | CP-146 | 1043 | "SYNTHESIS AND CHARACTERIZATION OF FLOWER-LIKE ZNO NANOPARTICLES BY GREEN ROUTES", Surabhi Sharma, MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY,INDIA |
| 147 | CP-147 | 1053 | "COST-EFFECTIVE AND ENVIRONMENT-FRIENDLY GREEN FABRICATION OF SAGO-SHAPED CUO-BASED NANOMATERIAL AND ITS ANTIBACTERIAL ACTIVITY EVALUATION", Sabeeha Jabeen, INTEGRAL UNIVERSITY,INDIA |
| 148 | CP-148 | 1054 | "INHIBITORY EFFECT OF MORINGA OLEIFERA LEAF EXTRACT WITHIN BRUSHITE STONES", Gayathri A V, HOLY CROSS COLLEGE AUTONOMOUS,INDIA |
| 149 | CP-149 | 1112 | "SEED NANOPRIMING EFFECT OF BIOGENIC SILVER NANOPARTICLES (B-AGNPS) ON WHEAT (TRITICUM AESTIVUM L.) : PHYTOSTIMULATORY OR TOXIC RESPONSES", Rekha Kannaujia, CSIR,INDIA |
| 150 | CP-150 | 1133 | "GREEN NANOTECHNOLOGY - AN ALTERNATIVE TO CONVENTIONAL NANOPARTICLE SYNTHESIS", Priyadarshini V M, FACULTY OF AGRICULTURE ANNAMALAI UNIVERSITY,INDIA |
| 151 | CP-151 | 1141 | "GREEN SYNTHESIS OF SINGLE PHASE MNO ₂ NPS AND ITS EXPLORATION IN N-HETEROCYCLES", Nandini R, JAIN UNIVERSITY,INDIA |
| 152 | CP-152 | 1148 | "SYNTHESIS, CHARACTERIZATION AND EVALUATION OF ANTIMICROBIAL AND ANTICANCER ACTIVITY OF ZINC SULPHIDE NANOPARTICLES BY GREEN SYNTHESIS METHOD.", Aarthye P, VELS INSTITUTE OF SCIENCE TECHNOLOGY AND ADVANCED,INDIA |

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| 153 | CP-153 | 1204 | "GREEN SYNTHESIS OF REDUCTION OF GRAPHENE OXIDE USING AEGLE MARMELOS LEAVES EXTRACT", Manish Jha, DIT UNIVERSITY,INDIA |
| 154 | CP-154 | 1206 | "GREEN SYNTHESIS OF (AG/TIO ₂) BIMETALLIC NANOPARTICLES USING COUROUPITA GUIANENSIS PLANT EXTRACT", Pavithra G, CRESCENT UNIVERSITY,INDIA |
| 155 | CP-155 | 1232 | "SYNTHESIS OF POROUS ACTIVATED CARBON MATERIALS FROM DIFFERENT BIOMASSES AND THEIR CHARACTERIZATION", Andem Sandeep, SRMIST CHENNAI,INDIA |
| 156 | CP-156 | 1275 | "BIOSYNTHESIS OF CATALYTICALLY ACTIVE CUO NANOPARTICLES FROM WASTE PRINTED CIRCUIT BOARDS – A NEW PARADIGM FOR THE SYNTHESIS THROUGH URBAN MINING APPROACH", Sedevino Sophia, NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA,INDIA |
| 157 | CP-157 | 1308 | "GREEN SYNTHESIZED ZINC OXIDE NANOPARTICLES FOR DYE REMOVAL", Priyankari Bhattacharya, METALLURGICAL AND MATERIAL ENGINEERING DEPARTMENT,INDIA |
| 158 | CP-158 | 1335 | "GREEN SYNTHESIS OF THIN FILMS COMPOSED OF ZNO NPS: INVESTIGATION OF STRUCTURAL AND OPTO-ELECTRONIC PROPERTIES", Rajnish Singh, MMM UNIVERSITY OF TECHNOLOGY,INDIA |
| 159 | CP-159 | 1382 | "SYNTHESIS OF BIO FUNCTIONALIZED FUCOIDEN SILVER NANOPARTICLE AND THEIR EFFICIENT PROPERTIES OF WOUND HEALING AND ANTIBACTERIAL ACTIVITY OF WOUND INFECTION BACTERIA", Balashanmugam, AVIGENBIOTECH,INDIA |

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| 160 | CP-160 | 1384 | "SELF SUPPORTED MN NI ₃ SE ₂ ELECTROCATALYST FOR OVERALL WATER SPLITTING UNDER UNIVERSAL PH CONDITIONS", Shah Ayushiben Mukeshbhai, CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY,INDIA |
| 161 | CP-161 | 1386 | "SYNTHESIS, CHARACTERIZATION AND PHOTOCATALYTIC ACTIVITY OF VACHELLIA NILOTICA PLANT-EXTRACT MEDIATED ZNO NANOPARTICLES", Komal Gupta, M M. COLLEGE MODINAGR,INDIA |
| 162 | CP-162 | 1406 | "EFFECT OF REACTION TIME AND ANNEALING TEMPERATURE ON STRUCTURAL, MORPHOLOGICAL AND OPTICAL PROPERTIES OF 3D-TIO ₂ NANOSTRUCTURES PREPARED VIA GREEN APPROACH.", P Naresh Kumar Reddy, MOHAN BABU UNIVERSITY,INDIA |
| 163 | CP-163 | 1407 | "SYNERGISTIC EFFECT IN SELF SUPPORTED VANADIUM DOPED NIO ON NI FOAM FOR BIFUNCTIONAL WATER SPLITTING", Pooja J Sharma, CHAROTAR UNIVERSITY OF APPLIED SCIENCE AND TECHNOL,INDIA |
| 164 | CP-164 | 1413 | "SYNTHESIS AND CHARACTERIZATION OF GREEN COMPOSITE POLYURETHANE USING CASTOR OIL AND NANOSILVER INCORPORATED NANOCELLULOSE FOR MEDICAL AND OTHER USES", Shreenila N R, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 165 | CP-165 | 1414 | "SYNTHESIS AND CHARACTERIZATION OF GREEN COMPOSITE POLYURETHANE USING CASTOR OIL AND NANOSILVER INCORPORATED NANOCELLULOSE FOR MEDICAL AND OTHER USES", Harshini T, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |

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| 166 | CP-166 | 1469 | "CO-PRECIPIATION SYNTHESIS OF GUAVA LEAF EXTRACT BIO-TEMPLATED ZNO – CUO NANOCOMPOSITE AND ITS ANTIMICROBIAL ACTIVITY", Mithra Priyanka C S, WOMENS CHRISTIAN COLLEGE,INDIA |
| 167 | CP-167 | 1470 | "ZINC OXIDE- COPPER OXIDE NANOCOMPOSITE: SYNTHESIS BY CO-PRECIPIATION USING ACALYPHA INDICA AS A BIO-TEMPLATE, CHARACTERIZATION AND ITS ANTICANCER ACTIVITY", Asha Metilda J, WOMENS CHRISTIAN COLLEGE,INDIA |
| 168 | CP-168 | 1485 | "ANTIOXIDANT PROPERTY OF ZNO SPHERICAL NANOSTRUCTURES PREPARED FROM TOMATO EXTRACT", Girija K, DR NGP ARTS AND SCIENCE COLLEGE,INDIA |
| 169 | CP-169 | 1505 | "GREEN NANOTECHNOLOGY", Naveen M, BANNARI AMMAN INSTITUTE OF TECHNOLOGYSATHYAMANAGLA,INDIA |
| 170 | CP-170 | 1530 | "STRUCTURAL INVESTIGATION OF GREEN SYNTHESIZEDZNMGO COMPOSITE", Gaurav Gupta, DEPARTMENT OF PHYSICS AND ASTROPHYSICS DU,INDIA |
| 171 | CP-171 | 1554 | "USE OF NANOMATERIALS SLUDGE BIOCHAR IN WASTEWATER SLUDGE DISPOSAL", Kawshik S, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 172 | CP-172 | 1557 | "SOLAR POWERED SMART IOT BASED GARBAGE SEGREGATOR SYSTEM", Darshan L, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 173 | CP-173 | 1559 | "PHYTOGENESIS OF PALLADIUM NANOPARTICLES AND ITS IN-VITRO AND IN-VIVO APPLICATIONS", Shagufta Bi, IFTM UNIVERSITY MORADABAD,INDIA |
| 174 | CP-174 | 1575 | "PRODUCTION OF ECO-FRIENDLY ELECTRICITY FROM NBT COMPOSITES BASED HYDROELECTRIC CELL", Monika Dhall, DCRUST MURTHAL SONIPAT,INDIA |

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| 175 | CP-175 | 1584 | "ANTIMICROBIAL EVALUATION OF SILVER NANOPARTICLES SYNTHESISED FROM VEGETABLE PEEL EXTRACTS", Sheeba Daniel, HOLY CROSS COLLEGE AUTONOMOUS NAGERCOIL,INDIA |
| 176 | CP-176 | 1616 | "A BRIEF REVIEW OF FEATURES OF COPPER INDIUM DISULPHIDE (CUINS ₂) NANOMATERIAL FOR QUANTUM DOT SOLAR CELL", Nitya Garg, SARALA BIRLA UNIVERSITY,INDIA |
| 177 | CP-177 | 1617 | "NOVEL CEO ₂ AND RGO DECORATED BI ₂ S ₃ NANORODS FOR THE ENHANCED SOLAR HYDROGEN PRODUCTION", M Mahalakshmi, SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING,INDIA |
| 178 | CP-178 | 1636 | "EFFECTS OF PHASE TRANSITION MATERIAL ON SINGLE-SLOPE SOLAR STILL: AN EXPERIMENTAL INVESTIGATION", Sivaraman A, ARASU ENGINEERING COLLEGE,INDIA |
| 179 | CP-179 | 1640 | "POSSIBILITY OF VEGETABLE OIL BASED ECO-FRIENDLY DI-ELECTRIC MEDIUM FOR SUSTAINABLE ELECTRIC DISCHARGE MACHINING: A REVIEW", Sangeeta Sharma, POORNIMA UNIVERSITY JAIPUR,INDIA |
| 180 | CP-180 | 1643 | "INVESTIGATION OF ENERGY UTILIZATION OF VEGETABLE MARKET WASTE BY BRIQUETTING TECHNIQUES", Prakash K, ARASU ENGINEERING COLLEGE,INDIA |
| 181 | CP-181 | 1646 | "A FACILE, GREEN SYNTHESIS OF CARBON QUANTUM DOTS FROM POLYALTHIA LONGIFOLIA AND ITS APPLICATION FOR THE SELECTIVE DETECTION OF CADMIUM", Sariga, CHRIST UNIVERSITY,INDIA |
| 182 | CP-182 | 1654 | "NANOTECHNOLOGY FOR IMPROVED WASTE-TO-ENERGY CONVERSION", Hariharan M, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |

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| 183 | CP-183 | 1679 | "CUTTING EDGE TECHNOLOGY OF NANOPARTICLES IN VARIOUS TEXTILE APPLICATIONS", Venkatesh M, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 184 | CP-184 | 1703 | "PREPARATION OF HIGH CRYSTALLINE CELLULOSE NANOCRYSTALS FROM RICE STRAW BIOMASS: EXTRACTION BY INTEGRATED SONIC-ACID HYDROLYSIS, OPTIMIZATION AND CHARACTERIZATION", Mohd Ishfaq Bhat, ISLAMIC UNIVERSITY OF SCIENCE AND TECHNOLOGY,INDIA |
| 185 | CP-185 | 1749 | "A FACILE, GREEN SYNTHESIS OF CARBON QUANTUM DOTS FROM POLYALTHIA LONGIFOLIA AND ITS APPLICATION FOR THE SELECTIVE DETECTION OF CADMIUM", Sariga, CHRIST UNIVERSITY,INDIA |
| 186 | CP-186 | 1785 | "SYNTHESIS AND CHARACTERIZATION OF TITANIUM DIOXIDE NANOPARTICLES USING PIPER BETEL LEAF EXTRACT", V.Sheelarani, NMSS.VELLAICHAMY NADAR COLLEGE,INDIA |
| 187 | CP-187 | 1788 | "RECENT DEVELOPMENTS OF NANOTECHNOLOGY IN SUSTAINABLE AGRICULTURE", Harshini D H, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 188 | CP-188 | 1819 | "GREEN NANOTECHNOLOGY", Archana S, BANNARI AMMA INSTITUTION OF TECHNOLOGY,INDIA |
| 189 | CP-189 | 1829 | "SUPERABSORBENT BIOPOLYMER BASED NANOGELS SYSTHESED BY NANOTECHNOLOGY, TO SUPPLY NUTRIENTS", Snekha A C, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 190 | CP-190 | 1855 | "STUDIES ON THE PHYSICO-CHEMICAL AND SURFACE PROPERTIES OF THE NANO BIOCHAR FOR AGRICULTURAL APPLICATIONS", Prabakar P, VELLORE INSTITUTE OF TECHNOLOGY VELLORE,INDIA |

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| 191 | CP-191 | 1881 | "STRUCTURAL CHARACTERIZATIONS OF SOLUTION PROCESSED BIOPLASTIC FROM ORANGE PEEL", Rajeswari Yogamalar N, HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE,INDIA |
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| 196 | CP-196 | 2026 | "TACOMA STANS DERIVED PLANT EXTRACT AND GREEN SYNTHESIZED CARBON DOTS FOR CORROSION INHIBITION OF COPPER PLATE IN NACL SOLUTION", Amala Devi S, AMRITA VISHWA VIDYAPEETHAM COIMBATORE,INDIA |
| 197 | CP-197 | 2031 | "APPLICATION OF EGGHELL MEMBRANE BIO-POLYMER-MNO ₂ NANOCOMPOSITE TEMPLATE FOR DYE REMOVAL", Jyoti Tomar, ITM SLS BARODA UNIVERSITY,INDIA |
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| 249 | CP-249 | 1959 | "DROWSINESS DETECTION SYSTEM IN AUTOMOBILE", Mohamed Jamal A, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
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| 252 | CP-252 | 2462 | "NOVEL PLA / CHITOSAN BLENDS WITH BIO-RELEASED AG-NANOPARTICLE NANOCOMPOSITES FOR ECO-FRIENDLY FOOD PACKAGING", Rajeswari, GURU NANAK COLLEGE,INDIA |
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| 285 | CP-285 | 261 | "PREDICTION OF TOPOLOGICAL DIRAC NATURE OF SEMIMETALICNB ₃ BI", Aiswarya T, UNIVERSITY OF HYDERABAD,INDIA |

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| 294 | CP-294 | 1582 | "STRUCTURAL, ELECTRIC TRANSPORT AND MULTIFERROIC PROPERTIES OF ER ₃ /BIFEO ₃ NANOFERRITES", Praveen Kumar, GCW TOSHAM,INDIA |
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| 296 | CP-296 | 1690 | "NOVEL POLYCAPROLACTONE/GRAPHENE OXIDE/CERIUM OXIDE NANOCOMPOSITE FOR ANTIBIOFILM-RELATED BIOMEDICAL APPLICATION", Anjumol Joy, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES,INDIA |
| 297 | CP-297 | 1775 | "SYNTHESIS AND PROPERTIES OF ERBIUM (III)-DOPED CADMIUM CALCIUM PYROPHOSPHATE NANOPHOSPHORS VIA COMBUSTION SYNTHESIS TECHNIQUE", Shaik Munimasthani, RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES,INDIA |
| 298 | CP-298 | 1792 | "SYNTHESIS,SPECTRAL AND MAGNETIC STUDIES OF YB DOPED COBALT FERRITES", Girnala Sharada, OSMANIA UNIVERSITY,INDIA |
| 299 | CP-299 | 1804 | "INVESTIGATION ON THE ELECTROCHEMICAL ACTIVITIES OF CERIUM DOPED MANGANESE DIOXIDE NANOPARTICLES FOR SUPERCAPACITOR ELECTRODE MATERIAL", K Nandhini, PSR ENGINEERING COLLEGE SIVAKASI,INDIA |
| 300 | CP-300 | 1808 | "PHOTOLUMINESCENCE STUDIES OF ALOEVERA MEDIATED SILVER DOPED ZIRCONIUM TITANATE NANOPARTICLES FOR DISPLAY APPLICATIONS", Akshay S, MAHARANI LAKSHMI AMMANI COLLEGE FOR WOMEN,INDIA |

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| 302 | CP-302 | 1862 | "STUDY OF MULTIFERROIC PROPERTIES OF FERROELECTRIC-FERRITE COMPOSITES AND FINDING ME COUPLING COEFFICIENT", Manju Kumari, NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY,INDIA |
| 303 | CP-303 | 1900 | "POLYOL-ASSISTED SYNTHESIS OF NI/CU/AG TRIMETALLIC NANOPARTICLES FOR HEAT TRANSFER AND NONLINEAR OPTICAL APPLICATIONS", Desmond Gracian Rebello, MANIPAL INSTITUTE OF TECHNOLOGY,INDIA |
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| 305 | CP-305 | 1931 | "SYNTHESIS AND CHARACTERIZATION OF MGO NANOPARTICLES FOR HYDROTHERMAL METHOD", R Sethil Kumar, VIVEKANANDA COLLEGE OF ARTS AND SCIENCES FOR WOMEN,INDIA |
| 306 | CP-306 | 2046 | "STUDY OF BIODEGRADABILITY CHARACTERISTICS OF TEXTRODE FOR HEALTH MONITORING SYSTEM", Meena Anandan, INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN,INDIA |
| 307 | CP-307 | 2061 | "NANOPARTICLES IN RUBBER REINFORCEMENT: RECENT DEVELOPMENTS AND FUTURE PERSPECTIVES", Piyali Roy Choudhury, ANNA UNIVERSITY MIT CAMPUS, CHENNAI,INDIA,INDIA |
| 308 | CP-308 | 2149 | "OPTICAL BANDGAP OF THE CORAL SHAPED ALUMINIUM OXIDE HYDROXIDE STRUCTURES", Hari Narayanan V, COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY,INDIA |

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| 310 | CP-310 | 2212 | "NANO-MATERIALS ENHANCED GAS BARRIER PROPERTIES FOR TIRE INNER LINER APPLICATIONS", Renisha Angel A, ANNA UNIVERSITY MIT CAMPUS, CHENNAI,INDIA,INDIA |
| 311 | CP-311 | 2220 | "SELF HEALING BEHAVIOUR OF METAL NANOPARTICLES IN CONCRETE-ASPHALT MATRIX", Ashutosh Chauhan, AMITY UNIVERSITY,INDIA |
| 312 | CP-312 | 2241 | "COUPLING OF FERROIC ORDER PARAMETERS IN 0-3 TYPE MULTIFERROIC NANOCOMPOSITES (X)CO _{0.5} ZN _{0.5} FE ₂ O ₄ - (1-X)BATIO ₃ ", Anant Shukla, IIT PATNA,INDIA |
| 313 | CP-313 | 2261 | "STRUCTURAL AND ELECTRICAL CHARACTERIZATION OF CONDUCTING POLYMER BASED HYBRID NANOCOMPOSITES FOR FLEXIBLE GAS SENSOR APPLICATIONS.", Jaiswal Rohan Subhashlal, GITAM UNIVERSITY HYDERABAD,INDIA |
| 314 | CP-314 | 2293 | "SYNTHESIS AND CHARACTERIZATION OF TITANIUM DIOXIDE CYCLODEXTRIN NANOSPONGES", Ricia Margaret.S, ETHIRAJ COLLEGE FOR WOMEN,INDIA |
| 315 | CP-315 | 2313 | "MICROWAVE ASSISTED SYNTHESIS OF FLUORESCENT GOLD NANOMATERIALS FOR THE PHOTOCATALYTIC DEGRADATION OF ANIONIC AND CATIONIC DYES", Amit Bharti, PANJAB UNIVERSITY,INDIA |
| 316 | CP-316 | 2330 | "COBALT MODIFIED ENHANCEMENT IN PHOTOCATALYTIC EFFICIENCY OF SNO ₂ NANOPARTICLES FOR REMOVAL OF INDUSTRIAL DYES ", Prasanta Kumar Mishra, CENTURION UNIVERSITY,INDIA |

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| 320 | CP-320 | 2458 | "PROPERTIES OF METAL IONS (ZN 2 , CO 2 , NI 2 , TI 4 , MN 4) SUBSTITUTED NANO-CRYSTALLITE LITHIUM FERRITES", Mamata Maisnam, NIT MANIPUR,INDIA |
| 321 | CP-321 | 2470 | "ENZYME FREE CHOLESTEROL SENSOR USING VANADIUM DOPED ZNO ", Cheruvupalli Krishnaiah, GITAM UNIVERSITY,INDIA |
| 322 | CP-322 | 2485 | "IN-VITRO INVESTIGATION OF FERROMAGNETIC POLYMETHYL METHACRYLATE SCAFFOLD FOR BONE REGENERATION APPLICATION", Shreya Choudhary, CENTRAL UNIVERSITY OF HIMACHAL PRADESH,INDIA |
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| 324 | CP-324 | 21 | "CURRENT TRENDS OF NANOTECHNOLOGY BASED CLINICAL TRIALS IN INDIA – ANALYSIS OF CLINICAL TRIAL REGISTRY OF INDIA", Jerin James, SRM ISTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |

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| 328 | CP-328 | 89 | "ONE-POT SYNTHESIS AND CHARACTERIZATION OF CITRIC ACID CROSS-LINKED HALLOYSITE BASED HYDROGEL", Swetha S, UNIVERSITY OF MADRAS,INDIA |
| 329 | CP-329 | 97 | "BACTERIOGENIC SYNTHESIS OF MICROBICIDAL COPPER NANOPARTICLES FOR USE IN DEVELOPMENT OF ANTIMICROBIAL WOUND HEALING BANDAGE", Monika, GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECH,INDIA |
| 330 | CP-330 | 98 | "PREPARATION, CHARACTERIZATION AND COMPARATIVE ANTICANCER STUDY OF POLYMERIC NANOFORMULATION OF FLAVONOIDS", Sant Lal, GJUST HISAR,INDIA |
| 331 | CP-331 | 142 | "ROLE OF LIGANDS ON INTERACTION OF ULTRASMALL FLUORESCENT GOLD NANOCCLUSERS WITH PROTEINS: A SPECTROSCOPIC APPROACH", Vinitha Packirisamy, UNIVERSITY OF MADRAS,INDIA |

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| 337 | CP-337 | 200 | "ONE POT FACILE BIOSYNTHESIS OF COPPER NANOPARTICLES USING DILLENIA INDICA L. BARK EXTRACT AND ITS ANTIOXIDANT AND ANTICANCER ACTIVITY: AN IN VITRO INSIGHT", Larica Mohanta, INSTITUTE OF MINERALS AND MATERIALS TECHNOLOGY,INDIA |
| 338 | CP-338 | 207 | "SELF-ASSEMBLED CATIONIC NANOSTRUCTURES FROM AMPHIPHILIC MIXED-A/B-PEPTIDES AS DRUG DELIVERY SYSTEMS", Rahul Goel, JECRC UNIVERSITY JAIPUR,INDIA |

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| 343 | CP-343 | 258 | "ANALYSIS OF BRAIN EPILEPTOGENESIS WITH MRI IMAGES", Jayanthi, VIT,INDIA |
| 344 | CP-344 | 307 | "EFFICACY OF SYNTHESIZED ZNO NANOPARTICLES AND THEIR APPLICATION IN ANTIBACTERIAL ACTIVITY AGAINST PATHOGENIC BACTERIA", Sreela S Nair, HINDUSTHAN COLLEGE OF ARTS AND SCIENCE COIMBATORE,INDIA |
| 345 | CP-345 | 309 | "EFFECTS OF SOLANUM TORVUM LEAF EXTRACT IN THE SOLUTION OF CUSO4-STRUCTURAL REDUCTION PHENOMENA", T. Udhaya Aswathi, INDIA |

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| 347 | CP-347 | 352 | "NIR-II-RESPONSIVE IMMUNO THERANOSTIC NANOMEDICINE FOR TARGETED PHOTOTHERMAL IMMUNOTHERAPY AGAINST HETEROGENIC TUMOR MICROENVIRONMENT", R Vivek, BHARATHIAR UNIVERSITY,INDIA |
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| 349 | CP-349 | 438 | "ENHANCED PIEZOCATALYSIS BY CALCIUM PHOSPHATE NANOWIRES VIA GOLD NANOPARTICLE CONJUGATION", Jayanta Dolai, IACS KOLKATA,INDIA |
| 350 | CP-350 | 442 | "ANTICANCER ACTIVITY OF MANGANESE DIOXIDE NANORODS", Mary Deena D, HOLY CROSS COLLEGE,INDIA |
| 351 | CP-351 | 449 | "RAPID DEGRADATION OF GRAM-NEGATIVE E. COLI BACTERIA USING THE CATALYTIC ACTIVITY OF PIEZO-RESPONSIVE BARIUM TITANATE NANOPARTICLES", Neelanjana Bag, JADAVPUR UNIVERSITY,INDIA |
| 352 | CP-352 | 478 | "DEVELOPMENT OF IRON OXIDE NANOPARTICLES FOR MAGNETIC INDUCTION HEATING IN CANCER APPLICATION", Satish Phalake, D.Y. PATIL EDUCATION SOCIETY KOLHAPUR,INDIA |
| 353 | CP-353 | 581 | "THE BINARY TOXICITY OF HFO ₂ NANOPARTICLES AND QUINALPHOS AGAINST EDIBLE SNAIL: PILA VIRENS", Srikanth Koigoora, VFSTR,INDIA |

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| 359 | CP-359 | 764 | "ROLE OF NANOPARTICLES IN SUSTAINABLE AGRICULTURE: RECENT ADVANCES, TOXICITY AND CHALLENGES", Atul Singh, GB PANT UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, INDIA |
| 360 | CP-360 | 796 | "FLEXIBLE LASER RECEPTIVE MICROPOROUS COMPOSITE PATCHES FOR MEIBOMIAN GLAND DYSFUNCTIONS", Cheedalla Shanmukh Sankeeth Gupta, SRMIST, INDIA |
| 361 | CP-361 | 799 | "INVESTIGATE THE SWELLING BEHAVIOUR AND ANTIBACTERIAL ACTIVITY OF AU NPS INCORPORATED IN GELATIN-GRAFTED POLYACRYLAMIDE HYDROGEL MATRIX", Gauri Lohar, FERGUSON COLLEGE, PUNE, INDIA |

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| 363 | CP-363 | 861 | "FLEXIBLE LASER RECEPTIVE COMPOSITE PATCHES FOR MEIBOMIAN GLAND DYSFUNCTIONS", Cheedalla Shanmukh Sankeeth Gupta, SRMIST,INDIA |
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| 366 | CP-366 | 967 | "A BIODEGRADABLE HYDROGEL FOR DIABETIC WOUND HEALING", Unnikrishnan BS, IIT ROORKEE,INDIA |
| 367 | CP-367 | 985 | "FEMTOSECOND LASER ASSISTED FABRICATION OF MICRO/NANOSTRUCTURES FOR STEM CELL STUDIES", Tejas Suryawanshi, MR. TEJAS SURYAWANSHI,INDIA |
| 368 | CP-368 | 1002 | "TOXICITY INDUCED BY GOLD NANOPARTICLES IN SILKWORM BOMBYX MORI .L", Jeyaraj Pandiarajan, AYYA NADAR JANAKI AMMAL COLLEGE SIVAKSI,INDIA |
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| 370 | CP-370 | 1022 | "NANOCONJUGATES: NEW STRATEGY TO ENHANCE THE EFFICACY OF ANTIBIOTICS AGAINST DRUG-RESISTANT BACTERIA", Pradnya Ramesh Bansode, PROF RAMKRIASHN MORE ACS COLLEGE,INDIA |

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| 381 | CP-381 | 1230 | "IN VITRO ANTIBACTERIAL AND ANTICANCER PERFORMANCE OF GA ₂ O ₃ NANOPARTICLES", Rakhy, UNION CHRISTIAN COLLEGE, INDIA |
| 382 | CP-382 | 1237 | "SYNTHESIS AND CHARACTERIZATION OF SILVER NANOPARTICLES FROM OCTOPUS VULGARIS", Subavathy.P, ST MARYS COLLEGE AUTONOMOUS, INDIA |
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| 385 | CP-385 | 1310 | "EFFECT OF SURFACE MODIFIED MAGNETITE NANOPARTICLES FOR BIOMEDICAL APPLICATIONS", Aiswarya Gowri V S, SRM IST KATTANKULATHUR, INDIA |

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| 388 | CP-388 | 1349 | "A UNIQUE SEMI-CRYSTALLINE BIOACTIVE GLASS MATERIAL IMITATING CRYSTALLINE HYDROXYAPATITE BONE MINERAL FOR BIOMEDICAL APPLICATIONS", Vijayakumari, UNIVERSITY OF MADRAS,INDIA |
| 389 | CP-389 | 1365 | "INFLUENCE OF VARIOUS WT.% OF PR ³⁺ IONS ON THE PROPERTIES OF BIOACTIVE MATERIAL: INQUIRY ON STRUCTURAL AND OPTICAL PROPERTIES.", Jeayashri, UNIVERSITY OF MADRAS,INDIA |
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| 391 | CP-391 | 1404 | "ENCAPSULATION AND CHARACTERIZATION OF B-CYCLODEXTRIN/CURCUMIN NANO MICELLE FOR WOUND DRESSING APPLICATIONS", Eraagul S, SPECIAL LAB,INDIA |
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| 394 | CP-394 | 1427 | "USE OF MARINE MICROALGAE IN CANCER TREATMENT", Darssana Senthil, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 395 | CP-395 | 1433 | "ENCAPSULATION AND CHARACTERIZATION OF B-CYCLODEXTRIN/CURCUMIN NANO MICELLE FOR WOUND DRESSING APPLICATIONS", Sudharsana, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 396 | CP-396 | 1451 | "ENCAPSULATION AND CHARACTERIZATION OF B CYCLODEXTRIN/CURCUMIN NANO MICELLE FOR WOUND DRESSING APPLICATIONS", Kanika R J, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 397 | CP-397 | 1452 | "ENCAPSULATION AND CHARACTERIZATION OF B-CYCLODEXTRIN/CURCUMIN NANO MICELLE FOR WOUND DRESSING APPLICATIONS", Mahalakshmi Manikandan, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 398 | CP-398 | 1474 | "SELF ADJUVANTING ADENOVIRUS NANO VACCINE FOR EFFECTIVE T-CELL MEDIATED IMMUNITY AND LONG-LASTING MEMORY CELL ACTIVATION AGAINST TUBERCULOSIS", Sowndharya C K, UNIVERSITY OF MADRAS,INDIA |
| 399 | CP-399 | 1511 | "NANOPARTICLE-BASED PROPHYLACTIC DRUG DELIVERY TO THE CORNEAL ENDOTHELIUM", Namratha, SIDDAGANGA INSTITUTE OF TECHNOLOGY,INDIA |
| 400 | CP-400 | 1520 | "DEVELOPMENT OF SURFACTANT-BASED NANO VESICLE FOR EFFECTIVE COMBINATIONAL DELIVERY OF COCKTAIL OF ANTICANCER DRUGS", Khushnuma Asghar, IITM CHENNAI,INDIA |

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| 401 | CP-401 | 1532 | "UNCOMPETITIVE BIOIMAGING AND ANTI-BACTERIAL ACTIVITY EXPLORED FROM EXCITATION-DEPENDENT CARBON QUANTUM DOTS WITH BIO-POLYMER/CERAMIC NANOCOMPOSITES", Manjubaashini N, UNIVERSITY OF MADRAS,INDIA |
| 402 | CP-402 | 1597 | "APPLICATION OF NANOMEDICINE IN BREAST CANCER", Sakthi.M, INDIA |
| 403 | CP-403 | 1598 | "APPLICATION OF NANOMEDICINE IN BREAST CANCER", Shrimathi.Y, INDIA |
| 404 | CP-404 | 1639 | "INVESTIGATION OF BACTERICIDAL ACTIVITY OF BIOGENIC SILVER NANOPARTICLES SYNTHESIZED USING ALGAE SPIRULINA MAXIMA", Balaganapathy M, VEL TECH HIGH TECH ENGINEERING COLLEGE,INDIA |
| 405 | CP-405 | 1648 | "UNCOVERING THE TOXICOLOGICAL PROPERTIES OF REDUCED GRAPHENE OXIDE (RGO) OVER PYRICULARIA ORYZAE.", A. D. Rakshi, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 406 | CP-406 | 1661 | "NANO COMPOSITE HYDROGELS FOR BLOOD CLOTTING", Ramesh Aravindh K, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |

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| 407 | CP-407 | 1671 | "TOXICITY OF FULLERENE AND ITS INTERACTION WITH BIOSYSTEMS: A REVIEW", Britlin Deva Jebasta N, SATHYABMA INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 408 | CP-408 | 1672 | "EFFECT OF MULTI WALLED CARBON NANOTUBE ON VARIOUS BIO INTERPHASE AND ITS IMPACT ON LIPID METABOLISM", Sandhya S, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 409 | CP-409 | 1675 | "EVALUATION OF COBALT ZINC FERRITE NANOMATERIALS TOWARDS BIOLOGICAL MACROMOLECULES ON MESENCHYMAL STEM CELL: A REVIEW", Mithrinthaa S, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 410 | CP-410 | 1680 | "MICRORNA MIR243 REGULATES INNATE IMMUNITY AND HOMEOSTASIS IN C.ELEGANS", Rajamohammed Khader, ST JOSEPH COLLEGE OF ENG ANNA UNIVERSITY CHENNAI,INDIA |
| 411 | CP-411 | 1731 | "NANOMEDICINE AND ITS APPLICATION IN DRUG DELIVERY", Bhavani K, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 412 | CP-412 | 1758 | "BACTERICIDE ACTIVITY OF ZN MODIFIED LTA ZEOLITE BY ULTRASOUND", Jesus Isaias De Leon Ramirez, CENTRO DE NANOCIENCIAS Y NANOTECNOLOGIA UNAM,MEXICO |
| 413 | CP-413 | 1766 | "NANOBIOTECHNOLOGY, NANOTOXICOLOGY AND NANOMEDICINE", Aswitha Kanagaraj, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 414 | CP-414 | 1773 | "NANOPARTICLE - BASED DRUG DELIVERY SYSTEMS FOR CANCER THERAPY", Arthi M, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |

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| 415 | CP-415 | 1781 | "EFFECT OF MULTI WALLED CARBON NANOTUBE ON VARIOUS BIO INTERPHASE AND ITS IMPACT ON LIPID METABOLISM: A REVIEW", Sandhya S, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 416 | CP-416 | 1783 | "TOXICITY OF FULLERENE AND ITS INTERACTION WITH BIOSYSTEMS: A REVIEW", Britlin Deva Jebasta N, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 417 | CP-417 | 1812 | "THE POLYLACTIC ACID AND COLLAGEN BASED BIOMATERIAL INCORPORATED WITH ZINC OXIDE QUANTUM DOTS FOR MICROBE RESISTANT CONTACT LENS", B Joshitha, STJOSEPHS COLLEGE OF ENGINNERING,INDIA |
| 418 | CP-418 | 1822 | "INVITRO THERAPEUTIC EVALUATION OF NANOLIPOSOMES LOADED WITH CLINACANTHUS NUTANS LEAF EXTRACT", Hanisha R, SRI VENKATESWARA COLLEGE OF ENGINEERING,INDIA |
| 419 | CP-419 | 1824 | "RECENT TRENDS IN NANOTECHNOLOGY APPLICATIONS OF BIO-BASED PACKAGING", Rithu Shree M, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 420 | CP-420 | 1827 | "PRISTINE AND TM DECORATED HOLEY GRAPHENE AS POTENTIAL CARRIERS FOR CISPLATIN DRUG DELIVERY: A FIRST PRINCIPLES STUDY", Sourav Kanti Jana, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA,INDIA |
| 421 | CP-421 | 1830 | "DEVELOPMENTS IN NANOBIO TECHNOLOGY FOR FOOD PACKAGING", Goutham K V, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 422 | CP-422 | 1834 | "MAGNESIUM OXIDE NANOPARTICLES FROM ABUTILON INDICUM AND ITS CHARACTERIZATION STUDIES", Keerthi, KUMARAGURU COLLEGE OF TECHNOLOGY,INDIA |

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| 423 | CP-423 | 1836 | "PREPARATION OF SILICA NANOPARTICLES USING ABUTILON INDICUM AND THEIR CHARACTERIZATION STUDIES – AN APPROACH FOR BIO NANOCOMPOSITE AS FOOD PACKAGING MATERIAL", Merlin J, KUMARAGURU COLLEGE OF TECHNOLOGY,INDIA |
| 424 | CP-424 | 1840 | "CREATION OF NANOFIBERS FOR USE IN MEDICAL IMPLANTS AND TISSUE ENGINEERING", Renisha, BANNARI AMMAN INSTITUTE OF,INDIA |
| 425 | CP-425 | 1847 | "SYNTHESIS AND CHARACTERIZATION OF COLLAGED BASED HYDROGEL WITH ALLICIN AND SILVER NANOPARTICLES", Dharshan A H, SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING,INDIA |
| 426 | CP-426 | 1848 | "NANOSCIENCE AND NANOTECHNOLOGY", Srinithi. P, BANNARIAMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 427 | CP-427 | 1851 | "NANOSCIENCE AND TECHNOLOGY: THE NEXT REVOLUTION IN THE EARTH SCIENCES", Bauvya G, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 428 | CP-428 | 1853 | "SPECTROSCOPIC AND QUANTUM CHEMICAL STUDIES ON BENZAMIDE DERIVATIVES AS A POTENT CANCER DRUG", S Pushpam, NMSSVELLAICHAMY NADAR COLLEGE,INDIA |
| 429 | CP-429 | 1859 | "HYBRID GO-SNO ₂ -TIO ₂ NANOPARTICLES FOR BACTERICIDAL EFFECTS AGAINST MDR BACTERIA: ADDITIONAL MICROBIOLOGICAL AND IR SPECTROSCOPIC INSIGHTS", Sisubalan N, BISHOP HEBER COLLEGE,INDIA |
| 430 | CP-430 | 1890 | "C ₂₄ FULLERENE AND ITS DERIVATIVES AS A VIABLE GLUCOSE SENSOR: DFT AND TD-DFT STUDIES", Tukadiya Namrataben Arjan, THE MAHARAJA SAIYAJIRAO UNIVERSITY OF BARODA,INDIA |

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| 431 | CP-431 | 1911 | "NANOSENSORS AND NANOACTUATORS", Navin N, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 432 | CP-432 | 1915 | "NANOTECHNOLGY IN CANCER TREATMENT", Gokulanath T, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 433 | CP-433 | 1926 | "INTERACTION OF MESORIDAZINE DRUG WITH DPPC LIPOSOMES: A DFT AND RAMAN STUDY", Soni Mishra, GRAPHIC ERA HILL UNIVERSITY,INDIA |
| 434 | CP-434 | 1941 | "IMAGE ANALYSIS ON BACTERIAL COLONY COUNTER", Sahana Sree U, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 435 | CP-435 | 1942 | "CANCER NANOMEDICINES", Neha A, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 436 | CP-436 | 1944 | "NANOBIOTECHNOLOGY, NANOTOXICOLOGY AND NANOMEDICINE NANOTRIBOLOGY", Pragushpathi, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 437 | CP-437 | 1980 | "NANOGAP EMBEDDED TRANSISTOR FOR INVESTIGATION OF CHARGE PROPERTIES IN DNA", Vigneswar R, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 438 | CP-438 | 1988 | "SYNTHESIS AND CHARACTERIZATION OF BIOLOGICALLY COMPETENT AND TARGETED NANOCOMPOSITE FOR MAGNETIC RESONANCE IMAGING APPLICATIONS", Karan Hadwani, AMITY UNIVERSITY,INDIA |
| 439 | CP-439 | 2015 | "SUPERABSORBENT BIOPOLYMER BASED NANO GELS SYSTHESED BY NANOTECHNOLOGY, TO SUPPLY WATER AND NUTRIENTS", Snekha A C, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |

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| 440 | CP-440 | 2051 | "NANOTECH IN MEDICINE ", Kabilathara.S, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 441 | CP-441 | 2110 | "EVALUATION OF THE COMPARATIVE EFFECTS OF COMMERCIAL UREA AND NANOUREA ON THE GROWTH AND DEVELOPMENT OF VIGNA RADIATA L.", Avimanu Sharma, CENTRAL UNIVERSITY OF RAJASTHAN,INDIA |
| 442 | CP-442 | 2123 | "ANTIMICROBIAL ACTIVITY OF ZNSN(OH) ₃ NANOPARTICLE ON ESCHERICHIA COLI.", ABISHEK K, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 443 | CP-443 | 2151 | "ZINC OXIDE (ZNO) BASED POLYMER NANOCOMPOSITES FOR BIOENGINEERING APPLICATIONS ", Abinash Das, NIT ARUNACHAL PRADESH,INDIA |
| 444 | CP-444 | 2158 | "SURFACE AND BIOLOGICAL CHARACTERISATION OF POLYDOPAMINE BASED CHITOSAN COATED AND SURFACE MODIFIED GRADE V TITANIUM ALLOY ", Supriya Nambiar, MANIPAL COLLEGE OF DENTAL SCIENCES,MANGALORE,MAHE,INDIA |
| 445 | CP-445 | 2168 | "NOVEL NUTRIENT RICH NANO FORMULATIONS FOR COMBATING EFFECTS URBAN POLLUTION ON SKIN ", Ruchi Singh Neekhra, DPSRU,INDIA |
| 446 | CP-446 | 2179 | "LYSOZYME TEMPLATED SYNTHESIS OF MULTIFLUORESCENT METALLIC MAGNESIUM NANOCLUSTERS AND THEIR POTENTIAL APPLICATION IN BRAIN CELLS IMAGING ", Prachi Srivastava, IITBHU,INDIA |
| 447 | CP-447 | 2190 | "SURFACE AND BIOLOGICAL CHARACTERISATION OF POLYDOPAMINE BASED CHITOSAN COATED AND SURFACE MODIFIED GRADE V TITANIUM ALLOY ", Supriya Nambiar, MANIPAL COLLEGE OF DENTAL SCIENCES,MANGALORE,MAHE,INDIA |

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| 448 | CP-448 | 2202 | "DEVELOPMENT OF PALMITIC ACID BASED NANOCARRIER BY PLACKETT- BURMAN DESIGN APPROACH TO SCREEN THE VARIABLES AFFECTING THE QUALITY AND CHARACTERIZATION OF NANOCARRIER", Kumari Kajal, BIRLA INSTITUTE OF TECHNOLOGY MESRA,INDIA |
| 449 | CP-449 | 2234 | "RECENT ADVANCEMENT IN ANTIBIOFILM POTENTIAL OF NANOMATERIALS", Jeenatara Begum, GURU NANAK INSTITUTE OF PHARMACEUTICAL SC AND TECH,INDIA |
| 450 | CP-450 | 2236 | "HIGH EFFICIENT LEVOFLOXACIN REMOVAL FROM WATER BY BIOCL/LANIFE AND EVALUATION OF ITS PERFORMANCE AND PATHWAY", Zareen Suhara Nazeer Ali, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 451 | CP-451 | 2246 | "NATURE INSPIRED SILK SERICIN /NANOSTRUCTURED CALCIUM PHOSPHATE COMPOSITES WITH ENHANCED CAPABILITY FOR HARD TISSUE APPLICATIONS", Pavithraa Ganesh, RAJALAKSHMI ENGINEERING COLLEGE,INDIA |
| 452 | CP-452 | 2247 | "ALBENDAZOLE-LOADED SOLID LIPID NANOPARTICLES FOR ENHANCED ANTHELMINTIC ACTIVITY IN HAEMONCHUS CONTORTUS WORM", Sunidhi Sharma, THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY,INDIA |
| 453 | CP-453 | 2277 | "REVIEW ON NANOTOOLS IN THE WAR OF MULTI-DRUG RESISTANCE", Tamalika Chakraborty, GNIPST,INDIA |
| 454 | CP-454 | 2282 | "ANTI-BIOFILM PROPERTIES PRESENTED BY SILVER NANOPARTICLES", Quazi Sayeed Ahmad, GURU NANAK INSTITUTE OF PHARMACEUTICAL SCIENCE AND,INDIA |

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| 455 | CP-455 | 2306 | "STRUCTURAL ANALYSIS OF ZNO/GO NANO COMPOSITES AND ITS INTERACTIONS WITH PRECURSOR PROTEIN (AMYLOID B PEPTIDES) OF ALZHEIMER'S DISEASE THROUGH AUTO DOCK STUDIES.", Chitrrasu S, TIRUVANNAMALAI ARTS AND SCIENCE COLLEGE,INDIA |
| 456 | CP-456 | 2316 | "IMPORTANCE OF MANGANESE-BASED ADVANCED NANOMATERIAL FOR FOLIAR APPLICATION ", Jashpal Singh Rana, CHITKARA UNIVERSITY,INDIA |
| 457 | CP-457 | 2336 | "APPLICABILITY OF NANOMATERIALS AS AN OPHTHALMIC DRUG DELIVERY VEHICLE", Roma Sharma, STUDENT,INDIA |
| 458 | CP-458 | 2341 | "SYNTHESIS OF IRON NANOPARTICLES BY THE AQUEOUS EXTRACT OF MANILKARA ZAPOTA LEAVES AND EVALUATION OF THE ANTIMICROBIAL ACTIVITY", Akash R M, P S R ENGINEERING COLLEGE SIVAKASI,INDIA |
| 459 | CP-459 | 2342 | "SYNTHESIS OF IRON NANOPARTICLES BY THE AQUEOUS EXTRACT OF MANILKARA ZAPOTA LEAVES AND EVALUATION OF THE ANTIMICROBIAL ACTIVITY", Petchimuthu M, P S R ENGINEERING COLLEGE SIVAKSI,INDIA |
| 460 | CP-460 | 2343 | "SYNTHESIS OF IRON NANOPARTICLES BY THE AQUEOUS EXTRACT OF MANILKARA ZAPOTA LEAVES AND EVALUATION OF THE ANTIMICROBIAL ACTIVITY", Jeeva M, P S R ENGINEERING COLLEGE SIVAKASI,INDIA |
| 461 | CP-461 | 2351 | "STRUCTURAL ANALYSIS OF ZNO/GO NANO COMPOSITES AND ITS INTERACTIONS WITH PRECURSOR PROTEIN (AMYLOID B PEPTIDES) OF ALZHEIMER'S DISEASE THROUGH AUTO DOCK STUDIES.", Chitrrasu S, TIRUVANNAMALAI ARTS AND SCIENCE COLLEGE,INDIA |

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| 462 | CP-462 | 2352 | "FABRICATION OF MULTIFUNCTIONAL (Zn ₂ XFe ₂ 1-X)(Ce ₃ YFe ₃ 2-Y)O ₄ FERRITE@GO@TITANIA, AND ITS ANTIBACTERIAL ACTIVITY.", Kala E, TIRUVANNAMALAI ARTS AND SCIENCE COLLEGE,INDIA |
| 463 | CP-463 | 2356 | "DEVELOPMENT OF NANOTHERAPEUTICS BASED ON FE/NANO-HAP FOR CANCER DRUG DELIVERY", N R Sasirekha, UNIVERSITY OF MADRAS,INDIA |
| 464 | CP-464 | 14 | "FABRICATION OF TUNGSTEN DISULFIDE (WS ₂) NANOSHEETS DECORATED LASER-INDUCED GRAPHENE (LIG) ELECTRODE FOR HYDROGEN EVOLUTION REACTION", Tanuja Singh, SHIV NADAR UNIVERSITY,INDIA |
| 465 | CP-465 | 46 | "SYNTHESIS OF COBALT VANADIUM OXIDE AND ANALYZED ITS PROPERTIES FOR SUPERCAPACITOR APPLICATION", Ashok Arjun Jadhavar, NEW ARTS COMMERCE AND SCIENCE COLLEGE AHMEDNAGAR,INDIA |
| 466 | CP-466 | 60 | "A COMPARATIVE STUDY ON OPTICAL AND THERMAL PROPERTIES OF MULBERRY AND NON MULBERRY SILK NANO FIBROIN", Sanjib Kumar Baglari, CIT KOKRAJHAR,INDIA |
| 467 | CP-467 | 77 | "SOLVOTHERMAL PREPARATION OF COBI ₂ O ₄ AND ITS APPLICATION IN HER AND PHOTOCATALYTIC DYE DEGRADATION", D R Karthik, SRMIST,INDIA |
| 468 | CP-468 | 85 | "PHOTOCATALYTIC DEGRADATION OF MALACHITE GREEN DYE UNDER SOLAR LIGHT IRRADIATION USING ZNO AND ZNO-TIO ₂ NANOPARTICLES", Nibedita Nayak, KIIT DEEMED TO BE UNIVERSITY,INDIA |
| 469 | CP-469 | 143 | "DEVELOPMENT OF NANOCOMPOSITE FOR SUSTAINED RELEASE OF AMOXICILLIN", Velmurugan Sekar, UNIVERSITY OF MADRAS GUINDY CAMPUS CHENNAI,INDIA |

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| 470 | CP-470 | 149 | "ELECTROCATALYTIC BEHAVIOR OF ALUMINA-COPOLYMER NANOCOMPOSITE", Pon Maha lakshmi.P, V O CHIDAMBARAM COLLEGE,INDIA |
| 471 | CP-471 | 150 | "PHOTOCATALYTIC METHYLENE BLUE DYE DEGRADATION STUDIES OF RGO-GC3N4-FEVO4 TERNARY NANOCOMPOSITES", Neha, GURU GHASIDAS VISHWAVIDAYALAYA BILASPUR,INDIA |
| 472 | CP-472 | 152 | "SYNTHESIS AND POTENTIAL APPLICATIONS OF MULTILAYERED SUPPORTED CORE-SHELL NANOCOMPOSITES", Loganathan B, N.G.P. INSTITUTE OF TECHNOLOGY,INDIA |
| 473 | CP-473 | 160 | "PHOTOCATALYTIC DEGRADATION OF RHODAMINE B USING GRAPHENE BASED NANOCOMPOSITE", S Minisha, V.O.CHIDAMBARAM COLLEGE,INDIA |
| 474 | CP-474 | 176 | "SYNTHESIS AND STRUCTURAL STUDIES OF MWCNT/CU NANOCOMPOSITE", Shivani Dhall, DAV COLLAGE JALANDHAR,INDIA |
| 475 | CP-475 | 211 | "METAL ORGANIC FRAMEWORK-LAYERED DOUBLE HYDROXIDE (MOF-LDH) NANOCOMPOSITES FOR EFFICIENT DYE REMOVAL", Himadri Acharya, ASSAM UNIVERSITY,INDIA |
| 476 | CP-476 | 219 | "MO-BASED PRECIOUS-METAL-FREE 2D NANOMATERIALS AS CATALYSTS FOR ELECTROCATALYTIC HYDROGEN GENERATION", Shilpa R, CSIR NIIST,INDIA |
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| 479 | CP-479 | 296 | "SYNTHESIS AND CHARACTERIZATION OF TITANIUM DIOXIDE NANOPARTICLES EMBEDDED ON ACTIVATED CHARCOAL (POWDER/ GRANULES) FORMS", Nidhishree M Suchak, DEPARTMENT OF PHYSICS SARDAR PATEL UNIVERSITY,INDIA |
| 480 | CP-480 | 303 | "STRUCTURAL AND OPTICAL STUDIES OF NI-ZNO NANORODS AND ITS NANOCOMPOSITE WITH RGO SHEETS: A STUDY OF NICKEL DOPANT CONCENTRATION VARIATION", Shefali Jayswal, INDIAN INSTITUTE OF TECHNOLOGY ISM DHANBAD,INDIA |
| 481 | CP-481 | 334 | "FABRICATION AND CHARACTERIZATION OF EU DOPED ZNO/SNO ₂ HETEROSTRUCTURE FOR VISIBLE LIGHT PHOTOCATALYTIC AND ANTIBACTERIAL APPLICATIONS", Amrita Palai, CENTURION UNIVERSITY,INDIA |
| 482 | CP-482 | 344 | "PLANT BIOMASS-SILVER NANOPARTICLE COMPOSITE FOR DYE DEGRADATION APPLICATION", Swastika Mallick, CSIRINSTITUTE OF MINERALS AND MATERIALS TECHNOLOGY,INDIA |
| 483 | CP-483 | 347 | "ELECTROCHEMICAL BEHAVIOR OF ZEOLITE BASED NANOCOMPOSITE", Hepzibah A, V O CHIDAMBARAM COLLEGE,INDIA |
| 484 | CP-484 | 362 | "ELIMINATION OF PHENOLIC COMPOUNDS FROM WASTEWATER USING COUPLING OF CRUMPLED MOS ₂ NANOSHEETS WITH CEO ₂ NANORODS", Vishakha Kaushik, DIT UNIVERSITY,INDIA |

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| 486 | CP-486 | 373 | "VIOLOGEN BASED COVALENT ORGANIC NETWORKS AS METAL FREE BI-FUNCTIONAL ELECTRO-CATALYST", Pampa Jhariat, VIT, VELLORE,INDIA |
| 487 | CP-487 | 375 | "PREPARATION OF MOS ₂ /CUBI ₂ O ₄ NANOCOMPOSITE FOR HYDROGEN EVOLUTION REACTION", Sneha Mondal, SRMIST,INDIA |
| 488 | CP-488 | 391 | "Ni ₃ V ₂ O ₈ AND RGO COMPOSITES FOR ENERGY STORAGE AND HYDROGEN EVOLUTION REACTIONS", Manesh Ashok Yewale, YEUNGNAM UNIVERSITY,INDIA |
| 489 | CP-489 | 397 | "INVESTIGATIONS ON THE ELECTRIC AND MAGNETIC PROPERTIES OF MULTIFERROIC SODIUM BISMUTH TITANATE AND BARIUM HEXAFERRITE COMPOSITE", Khuraijam Jyotsna, MANIPUR UNIVERSITY,INDIA |
| 490 | CP-490 | 414 | "SYNTHESIS AND CHARACTERIZATION OF AFe ₂ O ₄ [A= AG,CU,ZN]/ CHITOSAN /ACTIVATED CARBON TERNARY NANOCOMPOSITE FOR THE REMOVAL OF HEAVY METALS, DYES AND ITS BIOMEDICAL APPLICATIONS", M Asisi Janifer, STELLA MARIS COLLEGE,INDIA |
| 491 | CP-491 | 420 | "DEVELOPMENT OF CeO ₂ -ZrO ₂ BIMETALLIC OXIDE CATALYST FOR QUINOXALINE SYNTHESIS", Samika Anand, CHRIST DEEMED TO BE UNIVERSITY,INDIA |
| 492 | CP-492 | 427 | "ROOM TEMPERATURE BORONISATION OF NICKEL ZEOLITE IMIDAZOLATE FRAMEWORK (NI ZIF) FOR OVERALL WATER SPLITTING", John George, SRM,INDIA |

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| 494 | CP-494 | 433 | "SYNTHESIS AND CHARACTERIZATION OF NICKEL OXIDE USING CO- PRECIPITATION METHOD FOR PHOTOCATALYSIS APPLICATION", Ashok Kumar K, SRM UNIVERSITY,INDIA |
| 495 | CP-495 | 441 | "NANO-BIOFERTILIZER CONTAINING NITROGEN FIXING BACTERIAL STRAINS AND NANO COMPOSITES FOR AGRICULTURAL APPLICATIONS", Prem Kumar V, SRMIST,INDIA |
| 496 | CP-496 | 443 | "POLYANILINE INCORPORATED SAMARIUM-MOF NANOCOMPOSITE AS AN EFFICIENT ELECTRODE FOR ENERGY STORAGE APPLICATION", Sruthi Rajasekaran, CHRIST DEEMED TO BE UNIVERSITY BANGALORE,INDIA |
| 497 | CP-497 | 446 | "SYNTHESIS, STRUCTURAL PROPERTIES OF MXENE(TI3C2TX) AND ITS APPLICATION", Ritu Raj, CENTRAL UNIVERSITY OF JHARKHAND RANCHI,INDIA |
| 498 | CP-498 | 453 | "THE ELECTROCHEMICAL PERFORMANCE OF THE PROMISING ANODES (BI2S3@C-MOS2) FOR POTASSIUM-ION BATTERIES AND CATALYST FOR THE HYDROGEN EVOLUTION REACTION", Prakash, SAVEETHA SCHOOL OF ENGINEERING SIMATS,INDIA |
| 499 | CP-499 | 455 | "SYNTHESIS OF CU ₂ S@RGO NANOCOMPOSITE VIA HYDROTHERMAL METHOD FOR HIGH-PERFORMANCE SUPERCAPACITOR APPLICATIONS", Vinitha A, UNIVERSITY OF MADRAS,INDIA |

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| 500 | CP-500 | 462 | "DESIGN OF N-DOPED GRAPHENE QUANTUM DOTS INCORPORATED COBALT FERRITE/GO HIERARCHICAL HYBRID COMPOSITE AS AN ELECTRODE MATERIAL FOR HIGH-PERFORMANCE SUPERCAPACITORS", B Shalini Reghunath, CHRIST DEEMED TO BE UNIVERSITY,INDIA |
| 501 | CP-501 | 475 | "ANALYZING THE STRENGTHENING EFFICIENCY OF GNP AND MWCNT IN SPARK PLASMA SINTERED ALUMINUM MATRIX", Lavish Kumar Singh, SHARDA UNIVERSITY,INDIA |
| 502 | CP-502 | 476 | "NANOCATALYTIC ACTIVITIES OF CO ₃ O ₄ AND CO(AL, FE, CR) ₂ O ₄ TOWARDS OLEFINS TO EPOXIDE", Ambika S, M KUMARASAMY COLLEGE OF ENGINEERING,INDIA |
| 503 | CP-503 | 477 | "LDPE-BASED COMPOSITES FOR ELECTROMAGNETIC INTERFERENCE SHIELDING IN X-BAND: THE SYNERGETIC EFFECT OF MAGNETIC MGFE ₂ O ₄ AND CONDUCTIVE MWCNT - GRAPHENE", Jagannath Prasad Sahoo, RAMAIAH INSTITUTE OF TECHNOLOGY,INDIA |
| 504 | CP-504 | 496 | "CHARACTERISTIC OF CONDUCTIVE GRAPHENE REINFORCED METAKAOLIN GEOPOLYMER COMPOSITES FOR ELECTRO CHEMICAL AND PHOTO CATALYTIC APPLICATIONS", Janani K, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 505 | CP-505 | 498 | "INVESTIGATION OF STRUCTURAL, OPTICAL AND MAGNETIC PROPERTIES OF COBALT FERRITE NANOCATALYST FOR VISIBLE LIGHT WATER SPLITTING APPLICATION", Pratik Shesherao Patil, DEPARTMENT OF PHYSICS DR BAMU AURANGBAD,INDIA |
| 506 | CP-506 | 499 | "WET CHEMICAL SYNTHESIS AND INVESTIGATIONS OF STRUCTURAL AND OPTICAL PROPERTIES OF COBALT FERRITE NANOPARTICLES", Swapnil Ashok Bhagat, DEOGIRI COLLEGE AURANGABAD,INDIA |

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| 507 | CP-507 | 507 | "SYNTHESIS AND CHARACTERIZATION OF POLYMETHACRYLIC ACID (PMAA) /PYRROLIDONE (PVP) WITH EMBEDDED SILVER NANOPARTICLE NANOFIBER", Hema, VELLORE INSTITUTE OF TECHNOLOGY, CHENNAI,INDIA |
| 508 | CP-508 | 516 | "MAGNETO-OPTICAL PROPERTIES OF Fe ₃ O ₄ -XO FOR PHOTOCATALYTIC AND ANTIBACTERIAL APPLICATIONS", Mane Vijay Arjunrao, DR BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,INDIA |
| 509 | CP-509 | 517 | "DESIGNING Ni DOPED Δ - MnO ₂ DECORATED REDUCED GRAPHENE OXIDE FOR SUPERCAPACITOR DEVICE APPLICATION", Nita Dnyaneshwar Raskar, DEPARTMENT OF PHYSICS DR BAMU AURANGABAD,INDIA |
| 510 | CP-510 | 518 | "INFLUENCING THE EFFECT OF Ti SUBSTITUTION ON COO NANOSHEETS FOR PHOTOCATALYTIC ACTIVITY APPLICATIONS", Sonpir Ramprasad Bharat, DEPARTMENT OF PHYSICS BAMU AURANGABAD,INDIA |
| 511 | CP-511 | 521 | "STRUCTURAL AND CATION DISTRIBUTION STUDIES OF COBALT FERRITE NANOPARTICLES PREPARED VIA SOL-GEL AUTO COMBUSTION TECHNIQUE", Rupesh Yuvaraj Kokate, MADHAVRAO PATIL MAHAVIDYALAYA, MURUM, OSMANABAD,INDIA |
| 512 | CP-512 | 547 | "CATALYTIC DEGRADATION OF ANIONIC DYE USING CATECHOL GENERATED PALLADIUM NANOPARTICLES", Sourav Mishra, KIIT UNIVERSITY,INDIA |
| 513 | CP-513 | 567 | "FACILE CONSTRUCTION OF STO/RGO BINARY COMPOSITE TO EFFECTIVELY DEGRADE THE DYE AND ANTIBIOTIC UNDER WHITE LIGHT", Aravinthkumar K, THE GANDHIGRAM RURAL INSTITUTE,INDIA |

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| 514 | CP-514 | 569 | "INVESTIGATION OF PHOTOCATALYTIC DEGRADATION OF LOW-DENSITY POLYETHYLENE FILMS AS A TOOL FOR SUSTAINABLE GREEN ENVIRONMENT", Mssr Tejaswini, SRM UNIVERSITY,INDIA |
| 515 | CP-515 | 596 | "ZN CONTAINING TERNARY NANOMATERIALS FOR PHOTOCATALYTIC APPLICATIONS A COMPARATIVE STUDY", Bhabhina Ninnora Meethal, RSM SNDP YOGAM ARTS AND SCIENCE COLLEGE,INDIA |
| 516 | CP-516 | 603 | "PIVOTAL ROLE OF GO BASED CO DOPED ZNO NANORODS FOR PHOTOCATALYTIC ACTIVITY APPLICATION", Kumbhar Kiran Walmik, DR BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,INDIA |
| 517 | CP-517 | 605 | "PIVOTAL ROLE OF GO BASED CO DOPED ZNO NANORODS FOR PHOTOCATALYTIC ACTIVITY APPLICATION", Pratik Gokul Aher, DR BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,INDIA |
| 518 | CP-518 | 606 | "PIVOTAL ROLE OF GO BASED CO DOPED ZNO NANORODS FOR PHOTOCATALYTIC ACTIVITY APPLICATION", Manik Ramrao Kolhe, DR BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,INDIA |
| 519 | CP-519 | 612 | "NOVEL PROPERTY STUDIES ON GO BASED CU DOPED SNO2 FOR PHOTOCATALYTIC ACTIVITY", Purva Prashant Saraf, DEPARTMENT OF PHYSICS,INDIA |
| 520 | CP-520 | 613 | "DISTINCT PROPERTY STUDIES ON GO ADDED CR DOPED NIO NANOCOMPOSITES FOR PHOTOCATALYTIC APPLICATION", Vipin Arjun Talekar, DEPARTMENT OF PHYSICS DR BAMU AURANGABAD,INDIA |

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| 521 | CP-521 | 615 | "DISTINCT PROPERTY STUDIES ON GO ADDED CR DOPED NIO NANOCOMPOSITES FOR PHOTOCATALYTIC APPLICATION", Sudarshan Dilip Khillare, DEPARTMENT OF PHYSICS DR BAMU AURANGABAD,INDIA |
| 522 | CP-522 | 617 | "BIOLOGICALLY POTENT 3,4-DIHYDROPYRIMIDINE-2-(1H)-ONE DERIVATIVES SYNTHESIZED THROUGH CHIRAL CU(II)-SALEN ENCAPSULATED IN MWW", Pratikkumar Lakhani, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA,INDIA |
| 523 | CP-523 | 620 | "DRY REFORMING OF METHANE OVER NI-SEPIOLITE CATALYST PROMOTING COBALT FOR BETTER CONVERSION OF SYNGAS", Thamizharasi P, UNIVERSITY OF MADRAS,INDIA |
| 524 | CP-524 | 625 | "MAGNETOELECTRIC EFFECT IN NI _{0.9} CO _{0.05} MN _{0.05} FE ₂ O ₄ BATIO ₃ ME COMPOSITES", Smita Anandrao Lokare, ANANTRAO PAWAR COLLEGE,INDIA |
| 525 | CP-525 | 665 | "PHOTOCATALYTIC DYE DEGRADATION OF W DOPED BASNO ₃ NANOPARTICLES", Yuvashree Jayavelu, NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL,INDIA |
| 526 | CP-526 | 672 | "EFFICIENT COFE ₂ O ₄ /CEO ₂ NANOCOMPOSITES FOR PHOTOCATALYTIC DYE DEGRADATION", Sonia, DEPARTMENT OF PHYSICS DCRUST MURTHAL,INDIA |
| 527 | CP-527 | 673 | "SYNERGISTIC IMPACT OF METAL-SURFACTANT CATALYST PAIR IN THE OXIDATION OF CYCLIC ALCOHOL: INTERFACIAL-SURFACE ADSORPTION KINETIC VIEW", Ranjan Kumar Padhy, NATIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 528 | CP-528 | 681 | "FE DOPED COSE ₂ WITH N,S RGO AS HIGHLY EFFECTIVE CATALYST FOR OXYGEN EVOLUTION REACTION", Jayasurya B, SRM,INDIA |

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| 529 | CP-529 | 695 | "NOVEL PROPERTY STUDIES ON GO BASED CU DOPED SNO ₂ FOR PHOTOCATALYTIC ACTIVITY", Sakshi Madhukar Pupulwad, DR BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY ABD,INDIA |
| 530 | CP-530 | 701 | "A STUDY ON COPPER ENHANCED HYDROXYAPATITE/CHITOSAN NANO-BIO COMPOSITE FOR BONE TISSUE SCAFFOLDS", Rajeswari Gangadharan, ETHIRAJ COLLEGE FOR WOMEN,INDIA |
| 531 | CP-531 | 707 | "DIVERSE PROPERTY STUDIES ON GO ADDED MN DOPED FE ₂ O ₃ NANOCOMPOSITE FOR PHOTOCATALYTIC APPLICATION", Poonam Subhash Raibole, DEPARTMENT OF PHYSICS DR BAMU AURANGABAD,INDIA |
| 532 | CP-532 | 709 | "STUDY OF CITRIC ACID AS A FUEL ON THE STRUCTURAL, INFRARED AND OPTICAL PROPERTIES OF LI _{0.5} FE _{2.5} O ₄ NANOPARTICLES", Anil Ramji Gayake, SHRI MADHAVRAO PATIL MAHAVIDYALAYA, MURUM, OSMANAB,INDIA |
| 533 | CP-533 | 714 | "MICRO-FLOWER STRUCTURED MOLYBDENUM OXIDE ELECTRODES PREPARED USING ALKALI-FREE HYDROTHERMAL FOR HIGH PERFORMANCES HYDROGEN EVOLUTION REACTION", Jeongsik Choi, JEONBUK NATIONAL UNIVERSITY SOUTH KOREA,KOREA, REPUBLIC OF |
| 534 | CP-534 | 737 | "NANOPLATES LIKE BISMUTH OXIDE ELECTRODES FOR HIGH-PERFORMANCE OXYGEN EVOLUTION REACTION APPLICATION", Que Thi Nguyen, JEONBUK NATIONAL UNIVERSITY SOUTH KOREA,KOREA, REPUBLIC OF |

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| 535 | CP-535 | 743 | "INVESTIGATION ON ELECTROCATALYTIC AND PHOTOCATALYTIC ACTIVITY OF MICROWAVE SYNTHESIZED SILVER MOLYBDATE MICRO CUBES AND ITS POLYMER COMPOSITE.", Muthamizh, SIMATS DEEMED UNIVERSITY SAVEETHA DENTAL COLLEGE,INDIA |
| 536 | CP-536 | 753 | "CUFELDH RGO NANOCOMPOSIT FOR DURABLE ELECTROCATALYST FOR HYDROGEN EVOLUTION REACTION.", Akshay Prakash Hegde, NATIONAL INSTITUTE OF KARNATAKA SURATHKAL,INDIA |
| 537 | CP-537 | 756 | "NB-DOPPED AMINE FUNCTIONALIZED REDUCED GRAPHENE OXIDE: A MULTIFUNCTIONAL CATALYST FOR ONE-POT TANDEM SYNTHESIS OF B-NITROAMINES", Komal Amish Trivedi, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA VADODA,INDIA |
| 538 | CP-538 | 758 | "BI2MOO6 NANOCOMPOSITE FOR THE ENHANCED H2 PRODUCTION UNDER SOLAR LIGHT", Jesintha V, SSN COLLEGE OF ENGINEERING,INDIA |
| 539 | CP-539 | 760 | "FE DOPED COSE2 NSRGO AS A HIGHLY EFFICIENT ELECTROCATALYST FOR WATER OXIDATION IN AN ALKALINE ENVIRONMENT", Bhavani Ravi, SRM,INDIA |
| 540 | CP-540 | 772 | "EFFECT OF THERMAL REDUCTION, PLASMA REDUCTION", Harshini M, SRMIST,INDIA |
| 541 | CP-541 | 774 | "INVESTIGATE THE SWELLING BEHAVIOUR AND ANTIBACTERIAL ACTIVITY OF AU NPS INCORPORATED IN GELATIN-GRAFTED POLYACRYLAMIDE HYDROGEL MATRIX", Nancy Upadhaya, FERGUSON COLLEGE,INDIA |

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| 542 | CP-542 | 787 | "MICROWAVE SYNTHESIS AND CHARACTERIZATION OF ZN ₂ V ₂ O ₇ NANO RODS FOR ELECTROCHEMICAL SUPERCAPACITOR APPLICATION", Jency Sebatine, PRESIDENCY COLLEGE,INDIA |
| 543 | CP-543 | 793 | "DEVELOPMENT OF A NOVEL REDOX ACTIVE NANO HETEROSTRUCTURE FOR ELECTROCHEMICAL DETECTION OF BIOLOGICALLY IMPORTANT ANALYTE", Mohanapriya D, VELLORE INSTITUTE OF TECHNOLOGY,INDIA |
| 544 | CP-544 | 806 | "ENHANCED PHOTODEGRADATION OF ORGANIC DYES BY CAWO ₄ /C ₃ N ₄ NANOCOMPOSITES UNDER VISIBLE LIGHT IRRADIATION", Vadivu.A, PERIYAR UNIVERSITY,INDIA |
| 545 | CP-545 | 813 | "DESIGNING PROTONATED G-C ₃ N ₄ /ZNCO ₂ O ₄ NANOCOMPOSITE ELECTRODE FOR ENERGY STORAGE APPLICATIONS", Santhosh P C, SRMIST,INDIA |
| 546 | CP-546 | 814 | "IN-SITU HYDROTHERMAL LOW TEMPERATURE SYNTHESIS OF LARGE PORE FDU-12 SILICA FOR SENSING APPLICATION", Supriya Sehrawat, DEENBANDHU CHHOTU RAM UNIVERSITY OF SCIENCE AND TE,INDIA |
| 547 | CP-547 | 816 | "HYDROTHERMAL ASSISTED SYNTHESIS AND CHARACTERIZATION OF BI ₂ WO ₆ /S-C ₃ N ₄ NANOCOMPOSITES AND ITS PHOTOCATALYTIC ACTIVITY", Selvi R, PERIYAR UNIVERSITY SALEM 636011,INDIA |
| 548 | CP-548 | 835 | "COPPER FERRITE (CUFE ₂ O ₄) FACILITATED ONE POT THREE COMPONENT CONDENSATION FOR THE SYNTHESIS OF 2,4,5-TRIARYLIMIDAZOLE", Premkumar Bandu Thombre, DEPARTMENT OF CHEMISTRY DR B A M U AURANGABAD,INDIA |

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| 549 | CP-549 | 867 | "TiO ₂ /BiVO ₄ /Ti ₃ C ₂ TERNARY HETEROJUNCTION WITH SYNERGISTIC PHOTOCATALYTIC EFFECT: A NOVEL PERSPECTIVE", N Srinivasan Arunsankar, SRI SAI RAM ENGINEERING COLLEGE,INDIA |
| 550 | CP-550 | 874 | "PHOTOCATALYTIC PERFORMANCE AND PHOTOSTABILITY OF ZNO/CUO NANOCOMPOSITES SYNTHESIZED BY TWO DIFFERENT METHODS: A COMPARATIVE STUDY", Lairellakpam Anju Chanu, DEPARTMENT OF PHYSICS MANIPUR UNIVERSITY,INDIA |
| 551 | CP-551 | 879 | "MWCNT SUPPORTED CUS/ZRS AS COUNTER ELECTRODES IN DYE SENSITIZED SOLAR CELLS", Rathika Anandharaj, THE GANDHIGRAM RURAL INSTITUTE,INDIA |
| 552 | CP-552 | 888 | "DEVELOPMENT OF BIONANOCOMPOSITE FILM REINFORCED WITH NANOCELLULOSE FOR FOOD APPLICATIONS", Reshma B Nambiar, SRMIST,INDIA |
| 553 | CP-553 | 890 | "ESSENTIAL OIL LOADED SILICA-POLYMERIC NANOCOMPOSITES BASED COMPACT TANNING AGENT FOR LEATHER APPLICATION", Sathya S, CSIR CENTRAL LEATHER RESEARCH INSTITUTE,INDIA |
| 554 | CP-554 | 893 | "ENHANCED CATALYTIC ACTIVITY OF RGO/RU CATALYST FOR OXIDATIVE COUPLING OF BENZYLAMINE TO IMINE", Anamika Baishya, CIT KOKRAJHAR,INDIA |
| 555 | CP-555 | 899 | "INJECTABLE AND SELF-HEALING HYDROGEL BASED ON GUAR GUM HYDROXYAPATITE FOR CONTROLLED RELEASE OF DRUG", Ashitha KC, UNIVERSITY OF MADRAS,INDIA |
| 556 | CP-556 | 911 | "DESIGN, SYNTHESIS AND ANTIBACTERIAL STUDIES OF NOVEL CU-ZN METAL OXIDE POLYMER NANOCOMPOSITE", N. Haridharan, VEL TECH UNIVERSITY,INDIA |

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| 557 | CP-557 | 937 | "A STUDY OF THE SYNTHESIS OF NIO NANOWIRES AND ITS HYDROGEN EVOLUTION REACTION (HER)", Shubhangi Jadhav, DEPARTMENT OF NANOTECHNOLOGY DR BAMU AURANGABAD,INDIA |
| 558 | CP-558 | 987 | "NOVEL CERIUM OXIDE / GO AND CERIUM OXIDE / CNT NANOCOMPOSITES GLUCOSE BIOSENSORS", Vennila R, CHENNAI INSTITUTE OF TECHNOLOGY,INDIA |
| 559 | CP-559 | 1019 | "EXTRACTION OF CELLULOSE NANOCRYSTALS FROM CORNCOB AND SYNTHESIS OF BIOPOLYMER COMPOSITES, ITS CHARACTERIZATION AND APPLICATIONS", Rashmi S H, SDM COLLEGE OF ENGINEERING AND TECHNOLOGY DHARWAD,INDIA |
| 560 | CP-560 | 1041 | "EFFECT OF ZINC OXIDE NANOPARTICLES ON POLYANILINE / ZINC OXIDE NANOCOMPOSITES IN THERMOELECTRIC APPLICATIONS", C Vignesh, PRIST DEEMED TO BE UNIVERSITY,INDIA |
| 561 | CP-561 | 1047 | "INVESTIGATION OF MECHANICAL PROPERTIES OF AL7068/ SIC/ AL2O3 / FLYASH HYBRID COMPOSITE", Hemanth Kumar R, SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE,INDIA |
| 562 | CP-562 | 1078 | "THE ARCHITECTURE OF TI 3 C 2 /COFE 2 O 4 /GC 3 N 4 MXENE COMPOSITE AS ELECTRODE MATERIAL FOR EFFICIENT SUPERCAPACITOR", Sandra Mathew, CHRIST DEEMED TO BE UNIVERSITY,INDIA |
| 563 | CP-563 | 1079 | "EFFICIENT COMPOSITE COUNTER ELECTRODE OF MOS2:GO/PEDOT-PSS FOR PLATINUM-FREE, HIGH PERFORMANCE DYE SENSITIZED SOLAR CELLS", A C Kasireddy, YOGI VEMANA UNIVERSITY,INDIA |

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| 564 | CP-564 | 1084 | "A HIGH PERFORMANCE ELECTROCHEMICAL SENSOR FOR ALFUZOSIN BASED ON ZINC OXIDE– GRAPHENE NANOSHEET HYBRID FILMS", Preeti Pandey, KALINGA UNIVERITY,INDIA |
| 565 | CP-565 | 1102 | "STUDY OF CORE SHELL STRUCTURE AND ITS EFFECT ON THERMAL, OPTICAL, ELECTRICAL AND MAGNETIC PROPERTIES OF PPy-NiCoFe ₂ O ₄ NANOCOMPOSITES", Swati, DEENBANDHU CHHOTU RAM UNIVERSITY FIR SCIENCE AND T,INDIA |
| 566 | CP-566 | 1111 | "EFFECT OF PRECURSOR TYPE OF G-C ₃ N ₄ ON G-C ₃ N ₄ /ZNO COMPOSITES FOR SONOPHOTO-CATALYTIC DYE REMOVAL", Pavan PG, SRMIST,INDIA |
| 567 | CP-567 | 1131 | "ALOE-VERA GEL ASSISTED FACILE GREEN SYNTHESIS OF ORDERLY-ARRANGED ZNO NANOGRAINS FOR THE UV-LIGHT INDUCED PHOTOCATALYTIC MINERALIZATION OF TETRACYCLINE", Manoj Pudukudy, SAVEETHA SCHOOL OF ENGINEERING,INDIA |
| 568 | CP-568 | 1134 | "ROOM TEMPERATURE SYNTHESIZED BIOGENIC Δ-MNO ₂ NPS FOR THE DEHYDROGENATIVE COUPLING OF DIAMINES WITH ALCOHOLS FOR BENZIMIDAZOLES AND QUINOXALINES SYNTHESIS: AN EFFICIENT CATALYST FOR ELECTROCHEMICAL APPLICATION", Thrilokraj R, CNM JAIN UNIVERSITY,INDIA |
| 569 | CP-569 | 1152 | "SYNTHESIS OF POLYPYRROLE/ SILVER/GRAPHENE TERNARY NANOCOMPOSITE AND STUDY ON PHOTOCATALYTIC DEGRADATION OF CONGO RED DYE UNDER VISIBLE LIGHT IRRADIATION", Vrinda S Punnakkal, SREE SANKARA COLLEGE KALADY,INDIA |

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| 570 | CP-570 | 1158 | "MIXED METAL OXIDE NANOCOMPOSITES FOR PHOTOCATALYTIC APPLICATION", Anugraha G, V.O.CHIDAMBRAM COLLEGE,INDIA |
| 571 | CP-571 | 1159 | "WASTEWATER TREATMENT USING NANOCOMPOSITES OF SPINEL FERRITE AND SEMICONDUCTING METAL OXIDE VIA CO-PRECIPIATION METHOD", Tripta, DCRUST MURTHAL,INDIA |
| 572 | CP-572 | 1160 | "MORPHOLOGICAL, THERMAL, AND ELECTRIC PROPERTIES OF PANI/LITHIUM DOPED NICKEL OXIDE NANOCOMPOSITES", Anupama, DCRUST MURTHAL,INDIA |
| 573 | CP-573 | 1186 | "STRUCTURAL, MORPHOLOGICAL AND OPTICAL PROPERTIES OF ZINC SULPHIDE NANO PHOTOCATALYST PREPARED BY WET CHEMICAL METHOD", Karthikeyan R, ANNA UNIVERSITY REGIONAL CAMPUS TIRUNELVELI,INDIA |
| 574 | CP-574 | 1190 | "HYDROTHERMAL SYNTHESIS AND CHARACTERIZATION OF SEMICONDUCTOR NITE AND NITE ₂ NANORODS", Loganathan Kulandaivel, DONGGUK UNIVERSITY,KOREA, REPUBLIC OF |
| 575 | CP-575 | 1208 | "INVESTIGATE THE SWELLING BEHAVIOUR AND ANTIBACTERIAL ACTIVITY OF AU NPS INCORPORATED IN GELATIN-GRAFTED POLYACRYLAMIDE HYDROGEL MATRIX", Archana Gajendra Tanwar, FERGUSON COLLEGE PUNE,INDIA |
| 576 | CP-576 | 1211 | "INVESTIGATE THE SWELLING BEHAVIOUR AND ANTIBACTERIAL ACTIVITY OF AU NPS INCORPORATED IN GELATIN-GRAFTED POLYACRYLAMIDE HYDROGEL MATRIX", Gauri Manas Lohar, FERGUSON COLLEGE PUNE,INDIA |

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| 577 | CP-577 | 1222 | "VISIBLE-LIGHT-DRIVEN EFFICIENT CATALYST OF LACOO ₃ /SNS ₂ NANOCOMPOSITE AS REUSABLE PHOTOCATALYST FOR REMOVAL OF ORGANIC DYE POLLUTANTS", K Sathiyamoorthy, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 578 | CP-578 | 1228 | "SYNTHESIS AND CHARACTERIZATION OF MOS ₂ /CU@CO ₃ O ₄ FOR PHOTOCATALYTIC APPLICATION", Udhayakeerthana C, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 579 | CP-579 | 1235 | "METAL ION EFFECT ON PORE SIZE AND SHAPE MODIFICATION AND CATALYTIC APPLICATION FOR JET FUEL SYNTHESIS FROM WASTE POLYPROPYLENE BAGS", SenthurSelvi S, MANONMANIAM SUNDARANAR UNIVERSITY,INDIA |
| 580 | CP-580 | 1240 | "A FACILE SYNTHESIS OF NI-DOPED CDSE NANOPARTICLES FOR ENVIRONMENTAL REMEDIATION AND BIOLOGICAL APPLICATIONS.", D V Sridevi, RAJALAKSHMI INSITUTE OF TECHNOLOGY,INDIA |
| 581 | CP-581 | 1246 | "SYNTHESIS OF III-NITRIDE ALLOY FOR PHOTOCATALYTIC DYE DEGRADATION", Sivasankaran, UNIVERSITY OF MADRAS,INDIA |
| 582 | CP-582 | 1255 | "COMPARATIVE STUDY OF NANOPARTICLES OF UIO-66 AND UIO-66-NH ₂ SYNTHESIZED BY MICROWAVE SYNTHESIS WITH DIFFERENT CONCENTRATIONS", Batol Yosef Abbas, SRM UNIVERSITY,INDIA |
| 583 | CP-583 | 1270 | "TO A MINIMUM EX-SITU DECORATION OF OCTAHEDRAL PD _{0.2} CU ₁ ON HBNNS/ GONS/ZRO ₂ SUBSTRATES FOR HYDROGEN EVOLUTION REACTION: THEORETICAL AND MECHANISTIC ASPECTS", Swarnalata Swain, CNMS, JAIN UNIVERSITY,INDIA |

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| 584 | CP-584 | 1273 | "CONSTRUCTION OF NIFE-LDH/BI ₂ WO ₆ HETEROJUNCTION: A PHYSICO-CHEMICAL MECHANISTIC INSIGHT ON IMPROVED PHOTOCATALYTIC ACTIVITY", Nalini R, UNIVERSITY OF MADRAS,INDIA |
| 585 | CP-585 | 1278 | "TWO-DIMENSIONAL LAYERED MOS ₂ @CUS NANOSTRUCTURES DECORATED OVER TiO ₂ SPHERES FOR THE DECOMPOSITION OF ORGANIC POLLUTANT UNDER VISIBLE LIGHT", M Sabarinathan, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 586 | CP-586 | 1281 | "INVESTIGATE THE SWELLING BEHAVIOUR AND ANTIBACTERIAL ACTIVITY OF AU NPS INCORPORATED IN GELATIN-GRAFTED POLYACRYLAMIDE HYDROGEL MATRIX", Gauri Ashish Bhawkar, FERGUSON COLLEGE AUTONOMOUS PUNE,INDIA |
| 587 | CP-587 | 1290 | "ACTIVE EDGE-SITE INDUCED ENHANCEMENT IN VISIBLE-LIGHT PHOTOCATALYTIC ACTIVITY OF ATOMICALLY THIN MOS ₂ FILMS", Abhishek Singh Singh, SRM IST,INDIA |
| 588 | CP-588 | 1303 | "SOL-GEL SYNTHESIS OF BISMUTH FERRITE NANOPARTICLES: EFFECT OF SOLVENTS ON THEIR PHOTOCATALYTIC ACTIVITY", Manjusha E, NATIONAL INSTITUTE OF TECHNOLOGY CALICUT,INDIA |
| 589 | CP-589 | 1305 | "OPERATIONAL PARAMETERS AND MAJOR ACTIVE SPECIES RESPONSIBLE FOR THE PHOTODEGRADATION OF MALACHITE GREEN DYE BY ZNO/ZNS CORE-SHELL NANOCOMPOSITE PHOTOCATALYST", K Nomita Devi, MANIPUR UNIVERSITY,INDIA |
| 590 | CP-590 | 1307 | "A GIANT DIELECTRIC CONSTANT IN MICROWAVE SINTERED NANOCRYSTALLINE PEROVSKITE CERAMIC", Ranjit Kumar, ARIGNAR ANNA GOVERNMENT ARTS AND SCIENCE COLLEGE,INDIA |

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| 591 | CP-591 | 1348 | "METAL ORGANIC FRAMEWORKS BASED PHOTODEGRADATION OF DYE MOLECULE UNDER VISIBLE LIGHT FOR ENVIRONMENTAL PROTECTION", Subash A, AYYA NADAR JANAKI AMMAL COLLEGE,INDIA |
| 592 | CP-592 | 1357 | "OPTIMIZED FE-DOPED NIO ELECTROCATALYSTS FOR ENHANCED OVERALL WATER SPLITTING", Harsh Thakkar, P D PATEL INSTITUTE OF APPLIED SCIENCES CHARUSAT,INDIA |
| 593 | CP-593 | 1362 | "SOLVOTHERMAL PREPARATION OF 2D COB ₂ O ₄ FOR ORGANIC POLLUTANTS DEGRADATION", Hanna Benny, SRM UNIVERSITY,INDIA |
| 594 | CP-594 | 1376 | "MG-SNS PAPER BASED FLEXIBLE AND BROADBAND PHOTODETECTOR", Parth Vipulkumar Shah, CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY PD P,INDIA |
| 595 | CP-595 | 1379 | "SYNTHESIS AND CHARACTERIZATION OF ZINC NICKEL FERRITE NANOPARTICLES FOR ANTIMICROBIAL APPLICATIONS", Badabagni Pradeep Raju, JNTUA COLLEGE OF ENGINEERING, ANANTHAPURAMU,INDIA |
| 596 | CP-596 | 1390 | "EFFECT OF HIGHER CARRIER MOBILITY OF REDUCED GRAPHENE OXIDE-ZINC TELLURIDE NANOCOMPOSITE TOWARDS EFFICIENT CHARGE TRANSFER FACILITY AND THE PHOTODECOMPOSITION OF RHODAMINE B", Dhananjoy Das, JADAVPUR UNIVERSITY,INDIA |
| 597 | CP-597 | 1399 | "ENHANCED CARBON DIOXIDE DECOMPOSITION USING ALUMINOPHOSPHATE MOLECULAR SIEVES AT LOW TEMPERATURE", Karthika Devi, MANONMANIAM SUNDARANAR UNIVERSITY,INDIA |

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| 598 | CP-598 | 1403 | "REDUCED GRAPHENE OXIDE SYNTHESIS VIA BIOWASTE VALORIZATION: AN ECONOMICAL AND ECOFRIENDLY APPROACH FOR THERAPEUTIC APPLICATIONS", Ammu Chandhini A, ST JOSEPHS COLLEGE OF ENGINEERING,INDIA |
| 599 | CP-599 | 1416 | "FORMULATION OF BIOSHEET USING GRAPHENE OXIDE AND THE UNIFICATION OF COLLAGEN AND FIBRINOGEN", Deno Petrecia P, ST.JOSEPHS COLLEGE OF ENGINEERING,INDIA |
| 600 | CP-600 | 1432 | "NANOCOMPOSITE COATINGS FOR HIGHLY EFFICIENT AND AMPHIPHILIC SELF-CLEANING APPLICATION", Manoj Kumar Juvvagoni, UNIVERSITY OF MADRAS,INDIA |
| 601 | CP-601 | 1434 | "STRUCTURAL AND DIELECTRIC STUDY OF (1-X)NBT-XCF COMPOSITE SYSTEM", Reena Sharma, DCRUST MURTHAL,INDIA |
| 602 | CP-602 | 1439 | "INTERFACIAL ENGINEERING OF CU ₂ NISNS ₄ /G-C ₃ N ₄ HETEROJUNCTION PHOTOCATALYST FOR ENHANCED HYDROGEN PRODUCTION ACTIVITY UNDER DIRECT SUNLIGHT IRRADIATION", Rugma T P, SRMIST,INDIA |
| 603 | CP-603 | 1468 | "2D ZNIN ₂ S ₄ NANOPETATALS/AU NANOPARTICLES HETEROSTRUCTURES FOR ENHANCED PHOTOELECTROCHEMICAL WATER SPLITTING", Nilima Chaudhari, MES NOWROSJEE WADIA COLLEGE,INDIA |
| 604 | CP-604 | 1527 | "FABRICATION OF PANI/ G-C ₃ N ₄ NANOCOMPOSITE FOR ROOM TEMPERATURE THERMOELECTRIC APPLICATIONS", Shalini, SVCE,INDIA |

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| 605 | CP-605 | 1543 | "BIODEGRADABLE ISOCYANATE-FREE POLYURETHANE FILMS VIA A NONCATALYTIC ROUTE: FACILE MODIFIED POLYCAPROLACTONE TRIOL AND BIOBASED DIAMINE AS PRECURSORS", Dinesh Kumar Chelike, RUNGTA COLLEGE OF ENGINEERING AND TECHNOLOGY,INDIA |
| 606 | CP-606 | 1577 | "SYNTHESIS AND CHARACTERIZATION OF COPPER OXIDE USING CO-PRECIPIATION METHOD FOR PHOTOCATALYSIS APPLICATION", Amirthavarshini C, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 607 | CP-607 | 1581 | "GD3 SUBSTITUTED ZNO FOR DIELECTRIC AND PHOTOCATALYTIC APPLICATIONS", Shakshi Chauhan, BMU ROHTAK,INDIA |
| 608 | CP-608 | 1586 | "POLYVINYL ALCOHOL/MONTMORILLONITE/TIO2 PHOTOCATALYSTS FOR FAST AND EFFICIENT DEGRADATION OF MALACHITE GREEN", Hareesh Pradeep, KANNUR UNIVERSITY,INDIA |
| 609 | CP-609 | 1600 | "COMPARATIVE STUDY OF THE STRUCTURAL, OPTICAL AND ANTIBACTERIAL PROPERTIES OF CAO/ RGO- CAO NANOCOMPOSITES", Rekha.S, MAHARAJAS COLLEGE ERNAKULAM,INDIA |
| 610 | CP-610 | 1610 | "MODIFICATIONS OF THE STRUCTURAL AND MECHANICAL PROPERTIES OF GLASS BY INCORPORATING SILVER NANOPARTICLES", Jyoti Rozra, PT. CLS GOVT. COLLEGE, KARNAL,INDIA |
| 611 | CP-611 | 1647 | "ECO-FRIENDLY HETERO-SYSTEM SILVER DECORATED NANOCOMPOSITE ZINC OXIDE/REDUCED GRAPHENE OXIDE: IMPROVED BROAD-RANGED ABSORPTIVITY AND ENHANCED PHOTOCATALYTIC PERFORMANCE UNDER WHITE-LIGHT IRRADIATION", Sherley Saraffin, AMITY UNIVERSITY, KOLKATA,INDIA |

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| 612 | CP-612 | 1649 | "ZN-ALUMINOPHOSPHATE SYNTHESIS METHODS AND THEIR IMPACT ON THE CRYSTAL SYSTEM", Krishnaveni M, MANONMANIAM SUNDARANAR UNIVERSITY, ABISHEKAPATTI,,INDIA |
| 613 | CP-613 | 1695 | "INVESTIGATION OF ZN-DOPED NIO NANOPARTICLES FOR SUPERCAPACITOR APPLICATIONS", R Suriyaprakash, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 614 | CP-614 | 1711 | "COPPER DOPED COBALT OXIDE NANOPARTICLES FOR SUNLIGHT ASSISTED DEGRADATION OF CRYSTAL VIOLET", Akash Dnyaneshwar Salmote, DR BABASAHEB AMBEDAKAR MARATHWADA UNIVERSITY AURAN,INDIA |
| 615 | CP-615 | 1778 | "PHOTOCATALYTIC ACTIVITY OF TIO2 NANOPARTICLES VIA VARIOUS SYNTHESIS METHODS AND THE EFFECT OF DOPING ELEMENTS", Aaishiki Saha, JADAVPUR UNIVERSITY,INDIA |
| 616 | CP-616 | 1779 | "SOL-GEL SYNTHESIZED SNO2 BASED NANOCOMPOSITE FOR PHOTOCATALYTIC APPLICATIONS", Shabna S, MALANKARA CATHOLIC COLLEGE,INDIA |
| 617 | CP-617 | 1782 | "SONO-ASSITED FE MODIFIED ZEOLITE Y CATALYST FOR LACTOSE HYDROLYSIS", Victor Alfredo Reyes Villegas, CENTRO DE NANOCIENCIAS Y NANOTECNOLOGIA UNAM,MEXICO |
| 618 | CP-618 | 1814 | "SYNTHESIS OF BIOCHAR CATALYST FROM WASTE AND THEIR APPLICATION ON BIODIESEL PRODUCTION", Hamsa Vaauhini, STJOSEPHS COLLEGE OF ENGINEERING,INDIA |
| 619 | CP-619 | 1821 | "MOF-DERIVED POROUS FE3O4/RUO2-C COMPOSITE FOR EFFICIENT ALKALINE OVERALL WATER SPLITTING.", Anirudha Shekhawat, NISER,INDIA |

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| 620 | CP-620 | 1831 | "INVESTIGATION AND CHARACTERIZATION OF PHOTOCATALYTIC APPLICATIONS OF Y-DOPED CUO NANOCATALYST TO DEGRADE ORGANIC POLLUTANTS UNDER VISIBLE LIGHT", V Natarajan, PERIYAR ARTS COLLEGE,INDIA |
| 621 | CP-621 | 1844 | "SUNLIGHT INDUCED DEGRADATION OF MALACHITE GREEN USING COBALT DOPED ZINC OXIDE NANOCRYSTALS", Abhijeet Pawar, DR BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, AURAN,INDIA |
| 622 | CP-622 | 1888 | "VISIBLE LIGHT INDUCED DEGRADATION OF METHYLENE BLUE IN BARIUM DOPED BISMUTH FERRITE NANOPARTICLES", Shanmugapriya D, SAVEETHA SCHOOL OF ENGINEERING,INDIA |
| 623 | CP-623 | 1888 | "VISIBLE LIGHT INDUCED DEGRADATION OF METHYLENE BLUE IN BARIUM DOPED BISMUTH FERRITE NANOPARTICLES", Shanmugapriya D, SAVEETHA SCHOOL OF ENGINEERING,INDIA |
| 624 | CP-624 | 1974 | "HYDROTHERMAL SYNTHESIS AND FUNCTIONAL PROPERTIES OF ZNS/TIO ₂ NANOCOMPOSITES AND THEIR PHOTOCATALYTIC ACTIVITIES", K. Santhi, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 625 | CP-625 | 2010 | "COPPER DOPED TIN SELENIDE NANOCRYSTALS FOR PHOTOCATALYTIC DEGRADATION", Kunjil Sureshchandra Patel, GOVERNMENT SCIENCE COLLEGE VANKAL,INDIA |
| 626 | CP-626 | 2025 | "AG AND CU CODOPED CO ₃ O ₄ NANOMATERIALS FOR SYMMETRIC SUPERCAPACITOR APPLICATIONS", Nagarajan D, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |

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| 627 | CP-627 | 2044 | "INVESTIGATION ON AGBIS2/G-C3N4 HYBRID COMPOSITE: SYNTHESIS AND CHARACTERIZATION", S Sugarthi, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 628 | CP-628 | 2081 | "PHOTODEGRADATION OF ACID VIOLET 5B USING ZNO AL2O3 A NANOCOMPOSITE AS NANOCATALYST", Harshini S, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 629 | CP-629 | 2108 | "FEXSY-WS2 HYBRID MUSHROOM-SHAPED NANOSTRUCTURES FOR THE TREATMENT OF METHYLENE BLUE-CONTAMINATED WATER", Anupama A, COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY,INDIA |
| 630 | CP-630 | 2120 | "VISIBLE-LIGHT DRIVEN PHOTOCATALYTIC ACTIVITY OF M-FE2O4 (M=ZN, MN, NI) SPINEL FERRITES ANCHORED ON 2D G-C3N4 FOR ORGANIC POLLUTANT DEGRADATION ", Murali Manoj G, KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY,INDIA |
| 631 | CP-631 | 2138 | "SYNTHESIS, ELECTRICAL AND DIELECTRIC PROPERTIES OF POLYANILINE ZIRCONIA (PANI/ZRO2) COMPOSITES", Jayadev Pattar, REVA UNIVERSITY,INDIA |
| 632 | CP-632 | 2148 | "SYNTHESIS AND CHARACTERIZATION OF CUS/TIO2 AND THEIR PHOTOCATALYTIC ACTIVITIES", K Santhi, SRMIST,INDIA |
| 633 | CP-633 | 2178 | "TWO-DIMENSIONAL INORGANIC AND ONE-DIMENSIONAL ORGANIC HYBRIDS FOR PHOTOCATALYSTS APPLICATIONS", Devdutt Sharma, DIT UNIVERSITY,INDIA |
| 634 | CP-634 | 2180 | "FABRICATION OF NOVEL AGNBO3/CO3O4 HETEROSTRUCTURE FOR PHOTOCATALYTIC REMOVAL OF BPA", Ankita Rani, IIT ISM DHANBAD,INDIA |

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| 635 | CP-635 | 2208 | "SYNTHESIZE AND CHARACTERIZATION TECHNIQUES OF NANOSTRUCTURED LIPID NANOPARTICLE AND ITS APPLICATION IN DRUG DELIVERY SYSTEM", Silky Shreya, BIT COLLEGE MESRA,INDIA |
| 636 | CP-636 | 2214 | "X-RAY DIFFRACTION ANALYSIS AND RAMAN SPECTRAL STUDIES OF SHELLS OF ANADARA INDICA", Farhath Jahan S J, GOVERNMENT COLLEGE KARIAVATTOM,INDIA |
| 637 | CP-637 | 2217 | " TRANS-ESTERIFICATION OF USED COOKING OIL WITH ALUMINOPHOSPHATE MOLECULAR SIEVES FOR BIODIESEL PRODUCTION", Sri Rajeswary S, MANONMANIAM SUNDARANAR UNIVERSITY,INDIA |
| 638 | CP-638 | 2218 | "DECOMPOSITION OF CO ₂ OVER NANOPOROUS FE-ALSIO ₄ ", Gowri M, MANONMANIAM SUNDARANAR UNIVERSITY,INDIA |
| 639 | CP-639 | 2243 | "STUDY OF STRUCTURAL AND OPTICAL PROPERTIES OF CDS NANOPARTICLES VIA HYDROTHERMAL ROUTE ", Pullarao Teneti, PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOG,INDIA |
| 640 | CP-640 | 2244 | "SELECTIVE OXIDATION REACTION BY USING THE NANOMATERIAL", Ayyappan A, VITCHENNAI,INDIA |
| 641 | CP-641 | 2274 | "RECENT PROGRESS ON RATIONAL DESIGN OF MAGNETIC NANOCOMPOSITE MATERIALS AND THEIR ADVANCED CATALYSIS: A SHORT REVIEW", Manikandan M, VIT CHENNAI,INDIA |

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| 642 | CP-642 | 2286 | "PIEZOELECTRIC-INDUCED INTERNAL ELECTRIC FIELD IN BISMUTH VANADATE NANORODS FOR BOOSTING THE PHOTOCATALYTIC DEGRADATION OF ORGANIC POLLUTANTS", Sravandas P, UNIVERSITY OF CALICUT,INDIA |
| 643 | CP-643 | 2320 | "SUSTAINABLE SCIENTIFIC ADVANCEMENTS MODIFIED BIZNO SUPPORTED SNFE3O4 NANOCOMPOSITE MATERIAL DIFFER-LIGHT IRRADIATION AND OTHER APPLICATION", Saravanabava J, SRI VINAYAGA COLLEGE OF ARTS AND SCIENCE,INDIA |
| 644 | CP-644 | 2387 | "ANTIBACTERIAL PERFORMANCE OF CU/NIO NANOCOMPOSITES SYNTHESIZED BY MICROWAVE GREEN ASSISTED METHOD USING IPOMOEA CARNEA LEAF EXTRACT", Ravi Kumar, CAREER POINT UNIVERSITY HAMIRPUR,INDIA |
| 645 | CP-645 | 2394 | "BLENDING OF POLYPYROLE (PPY) WITH COPPER OXIDE (CUO) AS ELECTRON TRANSPORTING LAYER FOR OLED APPLICATION", Umashankar Das, RAMNAGAR COLLEGE,INDIA |
| 646 | CP-646 | 2398 | "ENZYME FREE CHOLESTEROL SENSOR USING VANADIUM DOPED ZNO ", K Venkata Ratnam, GITAM DEEMED TO BE UNIVERSITY BENGALURU,INDIA |
| 647 | CP-647 | 2434 | "FACILE SYNTHESIS OF CU ₂ O/RGO NANOCOMPOSITE ", Sindhu B, DAVANGERE UNIVERSITY,INDIA |
| 648 | CP-648 | 2446 | "REMOVAL OF EMERGING CONTAMINANTS FROM WATER USING MAGNETICALLY ACTIVE CARBON BASED ADSORBENT ", Monika Joshi, AMITY UNIVERSITY,INDIA |
| 649 | CP-649 | 2466 | "DESIGN, SYNTHESIS AND ANTIBACTERIAL STUDIES OF NOVEL CU-ZN METAL OXIDE POLYMER NANOCOMPOSITE", Malarvizhi N, GURU NANAK COLLEGE,INDIA |

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| 650 | CP-650 | 2479 | "SYNTHESIS AND CHARACTERIZATION OF MO1-XMGXO3 EPOXY NANOCOMPOSITE FOR EFFICIENT AND ENVIRONMENTALLY FRIENDLY LEAD-FREE X-RAY SHIELDING", Sanjeevi Palanisami, PSG COLLEGE OF ARTS AND SCIENCE,INDIA |
| 651 | CP-651 | 2489 | "HIGHLY SELECTIVE AND ENHANCED FORMALDEHYDE SENSING BEHAVIOUR OF NI-SNO2/RGO NANOCOMPOSITE", C Siva, SRM IST,INDIA |
| 652 | CP-652 | 2506 | "ENHANCED PHOTOCATALYTIC AND PHOTOELECTROCHEMICAL FUNCTIONS OF BIFE1-XMXO3 NANOSTRUCTURES", Poongothai, VIVEKANANDHA COLLEGE OF ENGINEERING,INDIA |
| 653 | CP-653 | 2530 | "ELIMINATION OF PHENOLIC COMPOUNDS FROM WASTEWATER USING COUPLING OF CRUMPLED MOS2 NANOSHEETS WITH CEO2 NANORODS", Shriya Subramanyam, DIT UNIVERSITY DEHRADUN,INDIA |
| 654 | CP-654 | 2538 | "LITHIUM MAGNESIUM SILICATE SUBSTRATES FOR SATELLITE COMMUNICATION SYSTEMS ", T Vijayakumar, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 655 | CP-655 | 2546 | "SYNTHESIS OF III-NITRIDE ALLOY FOR PHOTOCATALYTIC DYE DEGRADATION", Balaji M, DEPARTMENT OF MATERIALS SCIENCE, UNIVERSITY OF MAD,INDIA |
| 656 | CP-656 | 24 | "SELF-ASSEMBLY OF ULTRATHIN GOLD NANOWIRES INTO BUNDLES FOR TRANSPARENT FLEXIBLE ELECTRONICS", Aiswarya Mohan, DEPARTMENT OF OPTOELECTRONICS,INDIA |

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| 657 | CP-657 | 90 | "CHARACTERIZING RAMAN MODES AND GAS SENSING FEATURES OF FUNCTIONALIZED TETRAGONAL GRAPHYNE QUANTUM DOTS: A FIRST PRINCIPLES STUDY", Deep Mondal, UNIVERSITY OF CALCUTTA,INDIA |
| 658 | CP-658 | 120 | "CU-CUS HYBRID NANOSTRUCTURES ANDTHEIR APPLICATIONS IN ELECTROCHEMICALSENSING OF HOMOCYSTEINE", Neeli Chandran, CENTRAL UNIVERSITY OF KERALA,INDIA |
| 659 | CP-659 | 180 | "LOW LEVEL CARBON MONOXIDE GAS SENSOR USING PLATINUM DECORATED ZINC OXIDE NANORODS", Anabadya Dash, NATIONAL INTITUTE OF TECHNOLOGY AGARTALA,INDIA |
| 660 | CP-660 | 213 | "ELECTROCHEMICAL DETECTION OF DOPAMINE BY LOW COST PENCIL GRAPHITE ELECTRODE AND MODIFIED PENCIL GRAPHITE ELECTRODE", Deepti, NIT PATNA,INDIA |
| 661 | CP-661 | 251 | "SYNTHESIS OF ZNO/GRAPHENE/ZIF 8 NANOCOMPOSITES FOR THE NON-ENZYMATIC DETECTION OF GLUCOSE", Blessy Rebecca P N, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 662 | CP-662 | 252 | "FABRICATION OF A DISPOSABLE, ELECTROCHEMICAL BIOSENSOR TEST STRIP FOR CYSTIC FIBROSIS USING GRAPHENE NANOCOMPOSITE", Arun Kumar P, AMRITA VISHWA VIDYAPEETHAM,INDIA |
| 663 | CP-663 | 298 | "ELECTROCHEMICAL NANO MOLAR DETECTION OF 4-ACETAMIDOPHENOL IN MEDICATION AND SERUM SAMPLES USING B-AGVO3 NANORODS COATED GLASSY CARBON ELECTRODE", A Poongan, PACHAIYAPPAS COLLEGE,INDIA |

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| 664 | CP-664 | 327 | "BENZO-HYDRAZIDE INCORPORATED NAPHTHALIMIDE FLUORESCENT ENSEMBLES FOR THE DETECTION OF NITROAROMATIC COMPOUNDS", Mageshwari Anandan, SRMIST,INDIA |
| 665 | CP-665 | 330 | "PYRENE CONJUGATED FREEBASE PORPHYRINS TOWARDS THE DETECTION OF ORGANIC VOLATILE COMPOUNDS", Prasanth Palanisamy, SRMIST,INDIA |
| 666 | CP-666 | 333 | "INFLUENCE OF DECORATION OF AG NANOPARTICLES ON REDUCED GRAPHENE OXIDE FOR ROOM TEMPERATURE ACETONE DETECTION", Shilpa M P, MANIPAL INSTITUTE OF TECHNOLOGY,INDIA |
| 667 | CP-667 | 338 | "DONOR-ACCEPTOR FRAMEWORK BASED ON TETRAPHENYLETHYLENE ADORNED WITH HYDANTOIN TOWARDS OPTOELECTRONIC APPLICATIONS", Praveenkumar P, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 668 | CP-668 | 381 | "OSCILLATOR STRENGTH IN A WIDE BAND GAP OXIDE SEMICONDUCTOR QUANTUM DOT", N KARTHIKEYAN, RAMCO INSTITUTE OF TECHNOLOGY,INDIA |
| 669 | CP-669 | 383 | "EXAMINATION OF FE ₂ O ₃ DOPED-BIOBR ANCHORED ON REDUCED GRAPHENE OXIDE FOR THE FABRICATION OF HIGHLY SENSITIVE NON-ENZYMATIC ELECTROCHEMICAL GLUCOSE SENSORS AND SUPERCAPACITOR ELECTRODES", Annie Canisius, LOYOLA COLLEGE,INDIA |
| 670 | CP-670 | 445 | "DEVELOPMENT OF TRANSITION METAL OXIDES AS SENSORS MATERIALS FOR DETECTION OF PESTICIDES IN WASTEWATER", Crecia Oliveira, GOA UNIVERSITY,INDIA |

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| 671 | CP-671 | 489 | "EFFECTS OF DIFFERENT DEVICE PARAMETERS ON DIGITAL PERFORMANCE OF GNR FET FOR LOW-POWER APPLICATIONS", Md Akram Ahmad, IIT DHANBAD,INDIA |
| 672 | CP-672 | 493 | "FABRICATION OF HUMIDITY SENSORS OF PURE TIN DIOXIDE AT VARIOUS TEMPERATURES", Neetu Yadav, UNIVERSITY OF LUCKNOW,INDIA |
| 673 | CP-673 | 495 | "CHEMIREISTIVE ZNO NW BASED E NOSE FOR TOXIC GAS DETECTION", Sinjumol K Rajan, BARCMUMBAI,INDIA |
| 674 | CP-674 | 504 | "AN ULTRA-SENSITIVE ACETONE DETECTION IN CO ₃ O ₄ TAILOREDNANOSTRUCTURES-COATEDOPTICAL FIBERS AT ROOM TEMPERATURE", Preeti Das, BERHAMPUR UNIVERSITY,INDIA |
| 675 | CP-675 | 510 | "FLUORESCENCE QUENCHING STUDIES OF SOME IMPORTANT HIGH ENERGY MATERIALS FOR SENSING BY USING DOPED POLYANILINE.", Satish Ashok Ture, GULBARGA UNIVERSITY KALABURAGI,INDIA |
| 676 | CP-676 | 526 | "TiO ₂ @RGO HETEROJUNCTION NANOSHEETS BASED ROOM TEMPERATURE OPERABLE FLEXIBLE AMMONIA GAS SENSOR", Kiruthikha D, PSG INSTITUTE OF ADVANCED STUDIES,INDIA |
| 677 | CP-677 | 531 | "A TRIBOELECTRIC SMART TOUCH SENSOR FROM RECYCLED FACE MASKS AND GLOVES FOR IOT APPLICATIONS", Sayyid Abdul Basith V, VIT VELLORE,INDIA |
| 678 | CP-678 | 557 | "EVALUATING THE PERFORMANCE OF A SERIES CONFIGURATION RF MEMS SWITCH WITH A TRIANGULAR STRUCTURE THROUGH SIMULATION, CIRCUIT ANALYSIS, AND THEORETICAL ANALYSIS", Anitha G, SAVEETHA SCHOOL OF ENGINEERING,INDIA |

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| 679 | CP-679 | 577 | "PREPARATIONS, CHARACTERIZATION AND BIOSENSING PERFORMANCE OF COBALT SULPHIDE REINFORCED POLYANILINE COMPOSITES", Jeevagan K, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY VADAPALANI,INDIA |
| 680 | CP-680 | 578 | "COMPARATIVE ANALYSIS: FINFET VS MOSFET ON THE BASIS OF SHORT CHANNEL EFFECTS.", Mandeep Singh, NIT JALANDHAR,INDIA |
| 681 | CP-681 | 623 | "AG-QDS FOR COLORIMETRIC DETECTION OF GLUTATHIONE USING N,N-DIMETHYL-P-PHENYLENEDIAMINE (DPD) AS A MEDIATOR", Akash K, SRM IST,INDIA |
| 682 | CP-682 | 696 | "HYDROTHERMAL SYNTHESIS OF SNTE THIN FILM FOR IR DETECTOR APPLICATION", Ramchandra Gurudatta, SAVITRIBAI PHULE PUNE UNIVERSITY,INDIA |
| 683 | CP-683 | 704 | "A ONE-POT HYDROTHERMAL SYNTHESIS SPINEL NICO ₂ O ₄ /WO ₃ WITH OUTSTANDING ELECTROCHEMICAL SENSING FOR ORGANIC POLLUTANT", Aswini R, SAVEETHA SCHOOL OF ENGINEERING,INDIA |
| 684 | CP-684 | 711 | "A TRIBOELECTRIC SMART TOUCH SENSOR FROM RECYCLED FACE MASKS AND GLOVES FOR IOT APPLICATIONS", Sayyid Abdul Basith V, VIT VELLORE,INDIA |
| 685 | CP-685 | 741 | "SELF-GENERATION OF CUO NANOSTRUCTURES FOR PHOTODETECTOR APPLICATIONS", Akhil M Anand, DEPT OF PHYSICS UNIVERSITY OF KERALA,INDIA |
| 686 | CP-686 | 811 | "STRUCTURAL, VIBRATIONAL AND ELECTRONIC PROPERTIES OF C1B FENIAL", Bhavik Prakashchanra Thacker, PARUL UNIVERSITY,INDIA |

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| 687 | CP-687 | 817 | "FABRICATION AND CHARACTERIZATION OF MESOPOROUS COBALT DOPED SBA16 FOR SENSING APPLICATIONS", Bhavna, DCRUST MURTHAL,INDIA |
| 688 | CP-688 | 845 | "INVESTIGATION ON STRUCTURAL AND OPTICAL PROPERTIES OF NI@AGCL CORE SHELL NANOPARTICLES FOR OPTOELECTRONIC DEVICES", Shivani R B, PRESIDENCY COLLEGE,INDIA |
| 689 | CP-689 | 856 | "TRANSIENT DYNAMICS OF TWO QUIBIT SYSTEM COUPLED TO BOSONIC BATHS", Saikumar Krithivasan, SRMIST,INDIA |
| 690 | CP-690 | 857 | "ENVIRONMENTAL MONITORING OF CHLORAMPHENICOL ANTIBIOTIC – AN ELECTROCHEMICAL APPROACH USING ALUMINIUM BASED METAL-ORGANIC FRAMEWORK", Jithin Rafi, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 691 | CP-691 | 858 | "SYNTHESIS AND CHARACTERIZATION OF IA3D-CUBIC MESOPOROUS SILICA FOR ENHANCED HUMIDITY SENSING APPLICATION", Priya, DCRUST, MURTHAL,INDIA |
| 692 | CP-692 | 862 | "A HIGHLY STABLE AMINO-FUNCTIONALIZED METAL-ORGANIC FRAMEWORK FOR THE SELECTIVE DETECTION OF TETRACYCLINE VIA INNER FILTER EFFECT", Crescentia Yazhini, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 693 | CP-693 | 884 | "SILICON NANOWIRE/TIO ₂ HETEROJUNCTION ACTING AS AN EFFICIENT UV PHOTODETECTOR", Ankita Chandra, JADAVPUR UNIVERSITY,INDIA |
| 694 | CP-694 | 1031 | "STUDY OF MECHANICAL PROPERTIES OF HIGH PRESSURE PHASE OF SILICON", Megha S N, SRM IST,INDIA |

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| 695 | CP-695 | 1035 | "EFFECT OF SHOCK WAVES ON BATIO3 NANOPARTICLES FOR AMMONIA GAS SENSING APPLICATIONS", Surendhar Sakthivel, BHARATHIDASAN UNIVERSITY,INDIA |
| 696 | CP-696 | 1151 | "ORGANIC MOLECULE FUNCTIONALIZED NI MOF FOR NON-ENZYMATIC DETECTION OF GLUCOSE BY EXTENDING GATE FIELD EFFECT TRANSISTOR.", Mallikarjuna, SRM IST,INDIA |
| 697 | CP-697 | 1170 | "SYNTHESIS OF GALLIUM OXIDE NANOPARTICLES FOR ETHANOL SENSING APPLICATION", Samreen Fathima, UNIVERSITY OF MADRAS,INDIA |
| 698 | CP-698 | 1177 | "HUMIDITY SENSING PROPERTIES OF SOLVOTHERMALLY SYNTHESIZED MNFE2O4 NANOSPHERES: DEPLOYMENT IN REAL-LIFE SAMPLES", Ghuge Rahul Suresh, SRM IST,INDIA |
| 699 | CP-699 | 1210 | "ALGAN ALLOY BASED METHANE GAS SENSING AT ROOM TEMPERATURE", Surya S, UNIVERSITY OF MADRAS,INDIA |
| 700 | CP-700 | 1212 | "MOS2/REDUCED GRAPHENE OXIDE NANOSTRUCTURES FOR ULTRAHIGH NO2 SENSING APPLICATION", P Bharathi, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 701 | CP-701 | 1249 | "DISPLACEMENT ANALYSIS OF SHAPE MEMORY ALLOY BASED HELICAL SPRING ACTUATOR", Mahalaxmi M C, SRM IST,INDIA |
| 702 | CP-702 | 1269 | "ORGANIC CRYSTAL DM 7 CRYSTAL BASED EXTENDED GATE FIELD EFFECT TRANSISTOR FOR ENZYME FREE GLUCOSE DETECTION TOWARDS DIAGNOSIS OF DIABETES MELLITUS.", Kesawarthini B, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |

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| 703 | CP-703 | 1271 | "SUPERIOR PHOTO RESPONSE WITH HIGH SENSITIVE AL/ZN@SRO2/N-SI (MIS) STRUCTURED SCHOTTKY DIODES PREPARED USING ZN@SRO2 NANOPARTICLES", Mohan K S, NANDHA ENGINEERING COLLEGE,INDIA |
| 704 | CP-704 | 1296 | "DESIGNING COPPER OXIDE (CUO) NANOPARTICLES BASED ELECTROCHEMICAL NON-ENZYMATIC BIOSENSOR FOR SENSING GLUCOSE", Bhuvanesh, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 705 | CP-705 | 1301 | "THREE TERMINAL VOLTAGE-CONTROLLED PHOTOCURRENT DEVICES OF SOLUTION-PROCESSED - ZNO: ALQ3 HYBRID THIN FILMS", M S Abdul Azeez, NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL,INDIA |
| 706 | CP-706 | 1309 | "DEVELOPMENT OF FACILE AND RAPID AU NANOPARTICLES BASED COLORIMETRIC SENSOR FOR AMINO GROUPS (NH2) DETECTION IN FOOD AND CLINICAL SECTOR APPLICATIONS", Prajakta Jagtap, NIFTEM,INDIA |
| 707 | CP-707 | 1311 | "NANOMATERIALS BASED OPTICAL SENSOR FOR AMINO ACID L-CYSTEINE AND STARCH INTERACTION STUDIES USEFUL TO STARCH INDUSTRIES", Aanchal, NIFTEM,INDIA |
| 708 | CP-708 | 1315 | "ELECTROCHEMICAL DETECTION OF SALICYLIC ACID IN INFECTED FOOD CORPS", Dharmalingam, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 709 | CP-709 | 1327 | "PLANT DERIVED CELLULOSE BASED EXTENDED GATE FIELD EFFECT TRANSISTOR FOR GLUCOSE DETECTION TOWARDS THE DIAGNOSIS OF DIABETES", Kripa Vivek, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |

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| 710 | CP-710 | 1329 | "GAS INTERACTION OF MESO TRIPHENYL AMINE AND PYRENE CONJUGATED PORPHYRIN FUNCTIONALIZED ZNO NANO FLOWERS: A SCANNING KELVIN PROBE STUDY", Sheethal S, SRMIST KATTANKULATHUR,INDIA |
| 711 | CP-711 | 1330 | "FORMATION MECHANISM OF NANOPOROUS ANODIC ALUMINA (NAA) AND ITS APPLICATIONS AS HUMIDITY SENSOR.", M A Mir, SHRI MATA VAISHNO DEVI UNIVERSITY KATRA,INDIA |
| 712 | CP-712 | 1344 | "NON-ENZYMATIC ELECTROCHEMICAL GLUCOSE SENSOR BASED ON CYS CAPPED ZNO NANOCOMPOSITES", Aswin Krishna, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 713 | CP-713 | 1350 | "INFLUENCE OF OXYGEN DEFECTS ON THE OPTICAL PROPERTIES IN STRONTIUM COBALT OXIDES (SR _{1-x} CO _{3-Δ} , 0 ≤ Δ ≤ 0.5)", Kiruthiga Devi B, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 714 | CP-714 | 1360 | "SCREEN PRINTED CARBON ELECTRODE MODIFIED WITH WS ₂ NANOSHEET INCORPORATED WITH COBALT OXIDE FOR NON ENZYMATIC DETECTION OF LACTIC ACID", Gayathri J, SRM IST,INDIA |
| 715 | CP-715 | 1363 | "NANOLIPOSOMES FOR SENSING LOCAL OSMOLARITY OF THE TEAR FILM ON CORNEAL SURFACE", Namitha P, SIDTAGANGA INSTITUTE OF TECHNOLOGY,INDIA |
| 716 | CP-716 | 1364 | "HIGH PERFORMANCE FE-DOPED ACTIVATED CARBON ELECTRODE DERIVED FROM NERIUUM OLEANDER LEAVES FOR SUPERCAPACITOR APPLICATIONS", Sheeja J, SRI RAMAKRISHNA ENGINEERING COLLEGE,INDIA |

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| 717 | CP-717 | 1377 | "BI2S3 /SNS2 COMPOSITES BASED CHEMIREISTIVE GAS SENSORS FOR ROOM TEMPERATURENO2SENSING", Aashna Sharin M, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, KATTANKUL,INDIA |
| 718 | CP-718 | 1395 | "DEVELOPMENT OF BIOSENSOR ON BIMETALLIC NICO METAL ORGANIC FRAMEWORK BASED EXTENDED GATE FET FOR ASCORBIC ACID DETECTION", Akshaya V, SRM IST KATTANKULATHUR,INDIA |
| 719 | CP-719 | 1397 | "ETHANOL GAS ADSORPTION PROPERTIES OF NYLON AND NYLONCHITOSAN NANONET BY SKP", Mohan N, SRM IST KATTANKULATHUR,INDIA |
| 720 | CP-720 | 1398 | "FLUORESCENT DYE-LOADED NANOLIPOSOMES FOR SENSITIVE AND RAPID SENSING OF WIDE RANGING OSMOLARITIES", Shraavya Shashidhar, SIDDAGANGA INSTITUTE OF TECHNOLOGY,INDIA |
| 721 | CP-721 | 1465 | "FEMTOSECOND LASER-ASSISTED 4D PRINTING OF A MINIATURISED ORGANO-ARSENIC SENSOR", Sweta Rani, IITB MONASH RESEARCH ACADEMY,INDIA |
| 722 | CP-722 | 1599 | "STUDIES ON NO2 GAS SENSING PERFORMANCE OF RGO/PT-ZNO NANOCOMPOSITE", Sunil Mahajan, MIT ARTS, COMMERCE AND SCIENCE ALANDI PUNE,INDIA |
| 723 | CP-723 | 1622 | "DEVELOPMENT OF MECHANICALLY ROBUST AND SMART ELECTROSPUN PVDF/COFE2O4 NANOCOMPOSITES AND ITS APPLICATIONS IN TRIBOELECTRIC NANOGENERATORS", Hema Malini V, VELLORE INSTITUTE OF TECHNOLOGY,INDIA |

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| 724 | CP-724 | 1623 | "ELECTRO FABRICATION OF DUAL TEMPLATE IMPRINTED POLYMER-MODIFIED CARBON FIBRE PAPER ELECTRODE SENSOR FOR THE DETECTION OF TARTRAZINE AND BRILLIANT BLUE IN FOOD BEVERAGES", Ashlay George, CHRIST UNIVERSITY,INDIA |
| 725 | CP-725 | 1624 | "SIMULTANEOUS DETERMINATION OF PB2 AND HG2 ION BY SQUARE WAVE ANODIC STRIPPING VOLTAMMETRY USING SURFACE ENGINEERED CARBON QUANTUM DOTS", Keerthana P, CHRIST UNIVERSITY,INDIA |
| 726 | CP-726 | 1627 | "NIO NPS DOPED PVDF-BASED ELECTROSPUN PIEZOELECTRIC NANOGENERATORS FOR HEALTH MONITORING APPLICATIONS", Amrutha B, VELLORE INSTITUTE OF TECHNOLOGY,INDIA |
| 727 | CP-727 | 1634 | "INFLUENCE OF PH ON COLORIMETRIC SENSING OF DIFFERENT ANIONS BY 2-QUINONIMINE FUNCTIONALIZED GOLD NANOPARTICLES", Sadhana Kundu, BIRLA INSTITUTE OF TECHNOLOGY MESRA,INDIA |
| 728 | CP-728 | 1635 | "ULTRASENSITIVE DETERMINATION OF GUANOSINE USING ORGANIC TERRACOTTA DERIVED TPBD-ME2 COF DECORATED ON CARBON FIBER PAPER ELECTRODE", Rijo Rajeev, CHRIST UNIVERSITY, BANGALORE,INDIA |
| 729 | CP-729 | 1663 | "NIOX CO MOF BASED EGFET DETECTION OF GLUCOSE IN BIOMIMICKING ELECTROLYTE", Guru Prasad K, SRM IST,INDIA |
| 730 | CP-730 | 1669 | "PREPARATION AND PIEZO-RESPONSIVE APPLICATIONS OF ELECTROSPUN POLYVINYLIDENE FLUORIDE-SILANE-BASED HYPERBRANCHED POLYESTER (3RDGENERATION) NANOWEB", Indumathy B, VELLORE INSTITUTE OF TECHNOLOGY,INDIA |

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| 731 | CP-731 | 1697 | "COVID 19 SENSOR: A SWIFT, ULTRA-SENSITIVE, ELECTROCHEMICAL APPROACH TOWARDS THE EARLY DETECTION OF SARS-COV 2", Asmita Gupta, AMITY UNIVERSITY UTTAR PRADESH NOIDA,INDIA |
| 732 | CP-732 | 1838 | "DESIGN AND DEVELOPMENT OF AN ELECTROCHEMICAL BIOSENSOR USING CU-PTCA NANOPARTICLES FOR THE NON-ENZYMATIC DETECTION OF GLUCOSE", Sonam Singh, UNIVERSITY OF PETROLEUM AND ENERGY STUDIES,INDIA |
| 733 | CP-733 | 1850 | "DEVELOPMENT OF CNT BASED SMART FABRIC SENSOR FOR MONITORING MUSCLE MOVEMENT", Subashini J M, IIITDM KANCHEEPURAM,INDIA |
| 734 | CP-734 | 1903 | "A ZN-BTC MOF-ANTIBODY RELIED PLATFORM AS ELECTROCHEMICAL BIOSENSOR FOR SELECTIVE DETECTION OF PARATHION PESTICIDE", Chansi, AMITY CENTRE FOR NANOMEDICINE AMITY UNIVERSITY NOI,INDIA |
| 735 | CP-735 | 1913 | "SIMULATIVE ANALYSIS OF 4-INPUT OR GATE USING RSOA", Kajal Maji, BANWARILAL BHALOTIA COLLEGE,INDIA |
| 736 | CP-736 | 1975 | "MOLECULAR IMPRINTED ELECTROCHEMICAL SENSOR FOR BILIRUBIN DETERMINATION BASED ON MXENE MODIFIED ELECTRODE", Manoj Dhariwal, THE NORTHCAP UNIVERSITY GURUGRAM HARYANA INDIA,INDIA |
| 737 | CP-737 | 1977 | "INFLUENCE OF UV LIGHT ON THE ABSORPTION OF VOCs ON TiO ₂ NANORODS: A STUDY BY SCANNING KELVIN PROBE.", Arbacheena Bora, SRMIST,INDIA |
| 738 | CP-738 | 2000 | "OPTIMIZATION AND PERFORMANCE PARAMETER ANALYSIS OF NANOWIRE BIOSENSOR", Sivaleshwari, MIET ENGINEERING COLLEGE,INDIA |

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| 739 | CP-739 | 2030 | "HIGHLY SENSITIVE AND SELECTIVE GAS SENSOR BASED ON AL-DOPED CEO ₂ FOR PPM-LEVEL NO ₂ DETECTION", D Kanchan Kumar , SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 740 | CP-740 | 2078 | "NANOTECH IN ELECTRONICS ", Kawyaa S , BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 741 | CP-741 | 2079 | "OPTIMIZATION AND PERFORMANCE PARAMETER ANALYSIS OF CYLINDRICAL NANOWIRE BIOSENSOR", Rasika Sankar , MIET ENGINEERING COLLEGE,INDIA |
| 742 | CP-742 | 2087 | "NANOSENSORS FOR PATHOGEN DETECTION", Dharshini R , BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 743 | CP-743 | 2091 | "PLANT DISEASE DETECTION AND FOOD SAFETY USING NANOTECHNOLOGY", Harini S , BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 744 | CP-744 | 2279 | "NGP/MOS ₂ (2D/2D) NANOCOMPOSITES AS CHEMIRESENSITIVE GAS SENSORS", Prachi Singhal , AMITY UNIVERSITY UTTAR PRADESH,INDIA |
| 745 | CP-745 | 2349 | "SMART MATERIALS FOR DEVELOPMENT OF SENSOR FOR SIMULTANEOUS DETECTION", Revathi R Nair , AMITY CENTRE FOR NANOMEDICINE,INDIA |
| 746 | CP-746 | 2363 | "ENHANCED SENSITIVITY OF HYBRID NANOSTRUCTURED SURFACE PLASMON RESONANCE BIOSENSORS WITH ZINCOXIDE AND MXENE OVER LAYERS", Sudheer V R , COLLEGE OF ENGINEERING THALASSEERY,INDIA |
| 747 | CP-747 | 2490 | "ELECTROCHEMICAL DETECTION OF NITRATE IONS USING A NOVEL NIO/NI ₂ O ₃ /RGO NANOCOMPOSITES SOLID-STATE ION-SELECTIVE ELECTRODE", Thummagunta Vedha Sree , BS ABDUR RAHMAN CRESCENT INSTITUTE,INDIA |

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| 748 | CP-748 | 2497 | "DESIGN OF SMART CONTROL SYSTEM FOR REMOTE SENSING SATELLITE USING CARBON NANOTUBE BATTERIES", Akash C, HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE,INDIA |
| 749 | CP-749 | 2533 | "INVESTIGATION ON TITANIUM DIOXIDE NANOSTRUCTURES FOR VOC SENSING: COMPUTATIONAL AND EXPERIMENTAL STUDIES", Rence P Reji, SRMIST,INDIA |
| 750 | CP-750 | 2534 | "GAS ADSORBANCE INFLUENCE ON SURFACE POTENTIAL OF GRAPHITIC OXIDE AND DERIVATIVES", Shiva Govindasamy, SRMIST,INDIA |
| 751 | CP-751 | 2536 | "INVESTIGATION ON TITANIUM DIOXIDE NANOSTRUCTURE FOR BIOSENSING APPLICATION: COMPUTATIONAL AND EXPERIMENTAL STUDIES", Guru Prasad, SRM IST,INDIA |
| 752 | CP-752 | 2540 | "CONSTRUCTION AND REALIZATION OF A RECOVERABLE HIGHLY-SENSITIVE DETECTION OF NO ₂ AT LOW-OPERATING TEMPERATURE BY A-MOO ₃ NANORODS/CARBON BLACK (CB) HETEROSTRUCTURES ", Aysha Parveen R, SRMIST,INDIA |
| 753 | CP-753 | 2541 | "RESPONSE TO VOCs STIMULI BY TRIPHENYLAMINE DERIVATIVES FUNCTIONALIZED ZINC OXIDE NANORODS: A PROMISING MATERIAL FOR FOOD FRESHNESS MONITORING", Gobinath Marappan, SRMIST,INDIA |
| 754 | CP-754 | 2542 | "SOLVENT EFFECT INDUCED SURFACE POTENTIAL CHANGES DURING VOCs ADSORPTION FOR COUMARIN FUNCTIONALIZED TIN OXIDE STUDY THROUGH EXPERIMENTALLY AND THEORETICALLY", Gobinath Marappan, SRMIST,INDIA |
| 755 | CP-755 | 2545 | "VERTICALLY GROWN SNS ₂ BY CVD TECHNIQUE FOR ROOM TEMPERATURE NO ₂ GAS SENSING APPLICATION", R. Abimaheshwari, SRM IST,INDIA |

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| 756 | CP-756 | 2551 | "CONSTRUCTION AND REALIZATION OF A RECOVERABLE HIGHLY-SENSITIVE DETECTION OF NO ₂ AT LOW-OPERATING TEMPERATURE BY A-MOO ₃ NANORODS/CARBON BLACK (CB) HETEROSTRUCTURES TEMPERATURE BY A-MOO ₃ NANORODS/CARBON BLACK (CB) HETEROSTRUCTURES", Parveen RA, SHIZUOKA UNIVERSITY,,Japan |
| 757 | CP-757 | 2554 | "DEVELOPMENT OF CNT BASED SMART FABRIC SENSOR FOR MONITORING MUSCLE MOVEMENT", J Emmanuel Rajapandian, SHIZUOKA UNIVERSITY,,Japan |
| 758 | CP-758 | 2555 | "BORON DOPED AL ₂ FE ₃ NANOSTRUCTURE ON CELLULOSE FABRIC BY HYDROTHERMAL PROCESS FOR WEARABLE APPLICATIONS", Mythri.V, SHIZUOKA UNIVERSITY,,Japan |
| 759 | CP-759 | 88 | "MECHANICAL ATTRITION EFFECT ON THE LOCAL STRUCTURE INFLUENCES BAND GAP", Raman Hissariya, IIT BHU VARANASI,INDIA |
| 760 | CP-760 | 114 | "STRUCTURAL, MAGNETIC AND ELECTRICAL PROPERTIES OF HEUSLER ALLOYS CR ₂ MNZ (Z = AL, SI, GE, SN AND IN)", Karthik, UNIVERSITY OF MADRAS,INDIA |
| 761 | CP-761 | 115 | "STRUCTURE AND MAGNETIC STUDIES ON MN ₂ FESI INVERSE HEUSLER ALLOY FOR SPINTRONICS APPLICATIONS", Jayashire R, UNIVERSITY OF MADRAS,INDIA |
| 762 | CP-762 | 192 | "THICKNESS DEPENDENT MAGNETIC ANISOTROPY STUDIES IN SPUTTERED CO-FE-AL THIN FILMS", Nalin Prashant Poddar, DEFENCE METALLURGICAL RESEARCH LABORATORY,INDIA |
| 763 | CP-763 | 220 | "INTERPLAY OF PROXIMITY EFFECTS IN SUPERCONDUCTOR/FERROMAGNET HETEROSTRUCTURES", Asif Majeed, DEPARTMENT OF PHYSICS, NATIONAL INSTITUTE OF TECHN,INDIA |

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| 764 | CP-764 | 308 | "PREPARATION OF STM TIPS AND STM IMAGING OF CELLULAR SURFACE STRUCTURES", Sounak Nandy, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 765 | CP-765 | 337 | "PREDICTION OF HALF-METALLICITY IN 2D-NIVSI HALF-HEUSLER NANOSHEET FOR SPINTRONICS APPLICATION", Monika S, ANNA UNIVERSITY,INDIA |
| 766 | CP-766 | 377 | "MN-DOPED SILICON-BASED DILUTE MAGNETIC SEMICONDUCTOR AS A SPIN FILTER", Hemant Arora, IIT ROORKEE,INDIA |
| 767 | CP-767 | 411 | "INVESTIGATION OF ETCHING RESISTANCE IN BIFE03-BASED MULTIFERROIC THIN FILMS WITH EXCELLENT MAGNETIC PROPERTIES FOR MAGNETIC NANO DEVICE APPLICATIONS", Soumyaranjan Ratha, AKITA UNIVERSITY,JAPAN |
| 768 | CP-768 | 412 | "INVESTIGATION OF ETCHING RESISTANCE IN BIFE03-BASED MULTIFERROIC THIN FILMS WITH EXCELLENT MAGNETIC PROPERTIES FOR MAGNETIC NANO DEVICE APPLICATIONS", Soumyaranjan Ratha, AKITA UNIVERSITY,JAPAN |
| 769 | CP-769 | 463 | "MAGNETIC AND THERMODYNAMIC STUDIES OF $J_{eff} = 1/2$ ALTERNATING CHAIN SYSTEM $SR_2CO(SEO_3)_3$ ", Madhumathy, CENTRAL UNIVERSITY OF TAMIL NADU,INDIA |
| 770 | CP-770 | 468 | "EFFECT OF ANNEALING TEMPERATURE ON MICRO-STRUCTURAL AND MAGNETIC PROPERTIES OF $CdS/Zn_3(PO_4)_2$ NANOPHOSPHOURS ", Sreedevi Gogula, PVPSIDDHARHA INSTITUTE OF TECHNOLOGY,VIJAWADA,INDIA |

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| 771 | CP-771 | 498 | "INVESTIGATIONS OF STRUCTURAL, OPTICAL AND MAGNETIC PROPERTIES OF COBALT FERRITE NANO-CATALYST FOR VISIBLE LIGHT WATER SPLITTING APPLICATIONS", Pratik Shesherao Patil, DEPARTMENT OF PHYSICS DR BAMU AURANGBAD,INDIA |
| 772 | CP-772 | 501 | "FIELD ELECTRON EMISSION PROPERTIES OF FE ₃ O ₄ NANOPARTICLES", Shrikrushna Shivaji Gaikwad, SPPU PUNE,INDIA |
| 773 | CP-773 | 546 | "SHOCK WAVE INDUCED SWITCHABLE MAGNETIC PROPERTIES OF LA ₂ COMNO ₆ NANOPARTICLES", Jagadish Kumar G, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 774 | CP-774 | 554 | "EVOLUTION OF THE STRUCTURAL AND MAGNETIC PROPERTIES OF Ni ₃ -XCOXTEO ₆ (0 ≤ X ≤ 2.85)", Battinapati Dundi Sri Chandana, CENTRAL UNIVERSITY OF TAMIL NADU,INDIA |
| 775 | CP-775 | 555 | "STRUCTURAL AND MAGNETIC BEHAVIOR ON COFE ₂ O ₄ NANOPARTICLES - SOL-GEL APPROACH", T LAKSHMIGANDHAN, THIRU VI KA GOVERNMENT ARTS SCIENCE COLLEGE,INDIA |
| 776 | CP-776 | 574 | "EFFECT OF CO SUBSTITUTION ON TETRAHEDRAL AND OCTAHEDRAL PARAMETERS, MAGNETIC INTERACTIONS AND MÖSSBAUER ANALYSIS OF LICOXFE ₅ -XO ₈ (X= 0, 0.025, 0.05, 0.075, 0.1) NANOPARTICLES", Udhayakumar S, NANOTECHNOLOGY RESEARCH CENTRE,INDIA |
| 777 | CP-777 | 584 | "CONTROLLED BIAS FIELD DRIVEN DOMAIN WALL PAIR TO SKYRMION IN MAGNETIC NANOTRACKS", Hari Prasanth P, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |

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| 778 | CP-778 | 592 | "INVESTIGATIONS OF STRUCTURAL AND OPTICAL PROPERTIES OF MIXED NI-ZN FERRITE NANOPARTICLES SYNTHESIZED VIA PIPER NIGRUM ASSISTED GREEN TECHNOLOGY", Shital Pandurang Nawale, DR BAMU AURANGABAD,INDIA |
| 779 | CP-779 | 619 | "INVESTIGATION OF ROOM TEMPERATURE EXCHANGE SPRING BEHAVIOR IN SRFE12O19/COFE2O4 NANOCOMPOSITES.", Gitesh Ishwarji Choudhari, VNIT NAGPUR,INDIA |
| 780 | CP-780 | 627 | "SYNTHESIS AND CHARACTERISATION OF NICKEL COPPER FERRITE USING SOL-GEL METHOD", R Aruna, THIRU VI KA GOVERNMENT ARTS COLLEGE THIRUVARUR,INDIA |
| 781 | CP-781 | 712 | "GRIFFITH PHASE AND MAGNETO-TRANSPORT PROPERTIES OF DOPED MANGANITE", Priyanka Bisht, JAWAHARLAL NEHRU UNIVERSITY,INDIA |
| 782 | CP-782 | 727 | "SYNTHESIS AND CHARACTERISATION OF ZINC MAGNESIUM FERRITE USING SOL-GEL METHOD", T Senthamilselvan, THIRU VI KA GOVERNMENT ARTS COLLEGE THIRUVARUR,INDIA |
| 783 | CP-783 | 803 | "TUNABLE MAGNETIC ANISOTROPY IN 2D VAN-DER WALL HETEROSTRUCTURE", Ardhendu Dey, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 784 | CP-784 | 812 | "STUDY OF FULL HEUSLER ALLOYS FE2-XCOXHFSI (X= 0, 0.5, 1, 1.5, 2) IN SEARCH OF POTENTIAL MATERIALS FOR ALL-HEUSLER MTJ DEVICES", Rushikesh Pokar, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA,INDIA |
| 785 | CP-785 | 849 | "INVESTIGATION OF STRUCTURAL AND MAGNETIC PROPERTIES OF ND SUBSTITUTED YTTRIUM IRON GARNETS NANOPARTICLE ", Raja A, DEPARTMENT OF PHYSICS PONDICHERRY UNIVERSITY,INDIA |

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| 786 | CP-786 | 902 | "SYNTHESIS AND CHARACTERISATION OF ZINC MANGANESE FERRITE USING SOL-GEL METHOD", Kogulakrishnan K, THIRU VI KA GOVERNMENT ARTS COLLEGE THIRUVARUR,INDIA |
| 787 | CP-787 | 907 | "SUPERPARAMAGNETIC CE3 ION DOPED MG0.5CO0.5FE2-XCEXO4 ($0 \leq X \leq 0.1$) FERRITE NANOPARTICLES: SYNTHESIS, STRUCTURAL AND MAGNETIC STUDY", Rohit, DCR UNIVERSITY OF SCIENCE AND TECHNOLOGY,INDIA |
| 788 | CP-788 | 927 | "STRUCTURAL AND MAGNETIC INVESTIGATION OF GD3 DOPED BISMUTH FERRITE MULTIFERROIC PEROVSKITE NANOSTRUCTURES FOR THEIR POSSIBLE APPLICATION IN SPINTRONICS DEVICES", Sourabh Sharma, NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY,INDIA |
| 789 | CP-789 | 949 | "EFFECTOF PH VARIATION ON GRAIN SIZE AND ELECTROCATALYTIC ACTIVITY OF NICKEL FERRITE NANOPARTICLES", Atul Dagadu Teli, DEVCHAND COLLEGE, ARJUNNAGAR.,INDIA |
| 790 | CP-790 | 1036 | "INFLUENCE OF SHOCK WAVES ON THE STRUCTURAL AND MAGNETIC PROPERTIES OF FE MICROPARTICLES", Jagadeesh R, BHARATHIDASAN UNIVERSITY,INDIA |
| 791 | CP-791 | 1042 | "A STUDY ON THE EFFECT OF ZINC (ZN2) DOPING IN MANGANESE FERRITE – REDUCED GRAPHENE OXIDE NANOCOMPOSITE", Jose Antony T, SRM IST VADAPALANI CAMPUS,INDIA |
| 792 | CP-792 | 1136 | "THE IMPACT OF QUENCHING ON THE MAGNETOSTRICTION OF FE-GA-DY ALLOYS.", Vijayanarayanan V, THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI,INDIA |
| 793 | CP-793 | 1153 | "DY SUBSTITUTED MAGNETITE FOR THERAGNOSTIC APPLICATION", Janani, SRM,INDIA |

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| 794 | CP-794 | 1161 | "EFFECT OF RARE EARTH DOPING ON STRUCTURAL AND MAGNETIC PROPERTIES OF COBALT FERRITE", Renuka, DCRUST MURTHAL,INDIA |
| 795 | CP-795 | 1242 | "DESIGN OF FREQUENCY SELECTIVE SURFACEBASED ON MAGNETIC MATERIAL IN THZ FREQUENCY DOMAIN ", Kousik Pradhan, INDIAN INSTITUTE OF TECHNOLOGY BOMBAY,INDIA |
| 796 | CP-796 | 1288 | "ELECTRONIC STRUCTURE AND MAGNETIC INVESTIGATIONS ON A SPIN-1/2 ANTIFERROMAGNETIC PYROCHLORE COPPER VANADATE", Ajith Nix E.S.R, SRM UNIVERSITY KTR,INDIA |
| 797 | CP-797 | 1322 | "EFFECT OF LOW ENERGY ION IRRADIATION ON MONOLAYER MOLYBDENUM DISULFIDE (MOS ₂) LAYERS", Harish Nanda Arunachalam, SRM INSTITUTE OF TECHNOLOGY,INDIA |
| 798 | CP-798 | 1340 | "EFFECT OF MAGNETIC ANISOTROPYON VORTEX FORMATION IN CIRCULAR PERMALLOY NANODOTS", Palabindela Praveen, SRMIST,INDIA |
| 799 | CP-799 | 1351 | "TUNABLE CREATION OF BIMERONS IN TRIANGULAR NANODOTS", B Priyanka, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 800 | CP-800 | 1355 | "SYNTHESIS AND MAGNETIC PROPERTIES OF SPINEL FERRITE NANOPARTICLES", Abhishek Mathur, KISAN P G COLLEGE SIMBHAOLI HAPUR,INDIA |

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| 801 | CP-801 | 1372 | "EFFECT OF DZYALOSHINSKII-MORIYA INTERACTION AND IN-PLANE BIAS FIELD ON MAGNETIZATION REVERSAL IN PERPENDICULARLY MAGNETIZED SQUARE NANODOT", Syamlal S K, SRM IST,INDIA |
| 802 | CP-802 | 1423 | "DEFECT RELATED PROPERTIES OF LI , NI ₂ AND MN ₃ DOPED SRSNO ₃ PEROVSKITE NANOSTRUCTURES", Ajay Kumari, UNIVERSITY OF MADRAS,INDIA |
| 803 | CP-803 | 1424 | "MAGNETIC AND MAGNETOCALORIC PROPERTIES OF TRANSITION ELEMENT DOPED LA _{0.67} BA _{0.33} MNO ₃ ", N. Pavan Kumar, MATRUSRI ENGINEERING COLLEGE,INDIA |
| 804 | CP-804 | 1436 | "STRUCTURAL AND MAGNETIC INVESTIGATION OF NANOSTRUCTURED CO _{0.75} NI _{0.25} FE ₂ O ₄ SPINEL COMPOUND", Chinmay Sahu, BARKATULLAH UNIVERSITY,INDIA |
| 805 | CP-805 | 1463 | "MAGNETIC NANOPARTICLE INDUCED FREEDERICKSZ EFFECT IN NEMATIC LIQUID CRYSTAL", Tanmoy Lahiri, MAGADH UNIVERSITY,INDIA |
| 806 | CP-806 | 1495 | "MAGNETIC DYNAMICS OF INTERACTING CU _{0.25} CO _{0.25} ZN _{0.5} FE ₂ O ₄ NANOPARTICLES", Hina Bhargava, GEETANJALI INSTITUTE OF TECHNICAL STUDIES,INDIA |
| 807 | CP-807 | 1534 | "DESIGNING FERROMAGNETIC POLAR HALF-METALS WITH SWITCHABLE SPIN POLARIZATION", Gowsalya R, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 808 | CP-808 | 1537 | "FIRST PRINCIPLE STUDY ON ELECTRONIC STRUCTURE AND MAGNETIC PROPERTIES OF FE ₂ COAL INVERSE HEUSLER ALLOY", Vishal Jain, GEETANJALI INSTITUTE OF TECHNICAL STUDIES,INDIA |

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| 809 | CP-809 | 1541 | "SYNTHESIS, STRUCTURAL, OPTICAL, AND MAGNETIC STUDIES OF LEAD-FREE NBT-NCFO CERAMIC COMPOSITES", Komatreddy Damodarreddy, SRM IST,INDIA |
| 810 | CP-810 | 1570 | "MAGNETORESISTANCE STUDY ACROSS POLAR PVDF THINFILMS IN TA L CO L PVDF L NIFE ORGANIC PSEUDO SPIN-VALVE JUNCTIONS", Pajjuru Raviteja, PONDICHERRY UNIVERSITY,INDIA |
| 811 | CP-811 | 2188 | "FIRST-PRINCIPLES INSIGHT ONTO STRUCTURAL, MAGNETIC, ELECTRONIC AND THERMODYNAMICAL PROPERTIES OF NEW QUATERNARY FEZRTIGE HEUSLER ALLOY", Dipti Gawande, DEPARTMENT OF PHYSICS BARKATULLAH UNIVERSITY,INDIA |
| 812 | CP-812 | 2230 | "CRYSTAL STRUCTURE, OPTICAL AND MAGNETIC PROPERTIES OF SB/AG CO-DOPED SNO2 COMPOUNDS ", Radha Narzary, CENTRAL INSTITUTE OF TECHNOLOGY KOKRAJHAR,INDIA |
| 813 | CP-813 | 2252 | "CURRENT DRIVEN DOMAIN WALL BI-DIRECTIONAL NOT GATE ", Chandrasekhar Murapaka, IIT HYDERABAD,INDIA |
| 814 | CP-814 | 2253 | "INVESTIGATION OF STRUCTURAL AND MAGNETIC PROPERTIES IN STRONTIUM HEXAFERRITE BY CO- DOPING NI-AL", Sushree Nibedita Rout, IIT PATNA,INDIA |
| 815 | CP-815 | 2255 | "MULTISTATE MAGNETIZATION SWITCHING IN FERROMAGNETIC NANOSTRUCTURES WITH ANTI-DOT TO EMULATE SYNAPTIC BEHAVIOR", Vemuru Haragopal, GITAM UNIVERSITY,INDIA |

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| 816 | CP-816 | 2262 | "INVESTIGATIONS OF FERROMAGNETIC RESONANCE AND INVERSE SPIN HALL EFFECT IN NIFE/FEMN/NIFE MULTILAYERS WITH VARYING ANTIFERROMAGNETIC LAYER THICKNESS", Brahmaranjan Panigrahi, INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD,INDIA |
| 817 | CP-817 | 2302 | "RT FERROMAGNETIC PROPERTIES OF COMBUSTION ROUTE SYNTHESIZED MGO:ER X (X=LI, NA, K) NANOPARTICLES", Sivasankari. J, ANNA UNIVERSITY,INDIA |
| 818 | CP-818 | 2327 | "INVESTIGATION OF ROOM-TEMPERATURE MAGNETOCALORIC EFFECT IN GADOLINIUM-DOPED PEROVSKITE OXIDES", Palash Shendre, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 819 | CP-819 | 2372 | "SUPER EXCHANGE INTERACTION OF FE3 - O2- - CR3 ON NOVEL MULTIFERROIC NANOCOMPOSITE", Muthukrishnan, SADAKATHULLAH APPA COLLEGE,INDIA |
| 820 | CP-820 | 2400 | "SYNTHESIS OF BIOCOMPATIBLE NICKEL NANOPARTICLES FOR MAGNETIC HYPERTHERMIA APPLICATION", Vinodhini V, VELLORE INSTITUTE OF TECHNOLOGY,INDIA |
| 821 | CP-821 | 69 | "TUNING THE OPTICAL PROPERTIES OF LN3+-DOPED-Y2O3@ZNO@AU CORE-SHELL HETEROSTRUCTURES FOR VISIBLE-TO-NIR PHOTON HARVESTING", Shefali Jayswal, INDIAN INSTITUTE OF TECHNOLOGY ISM DHANBAD,INDIA |
| 822 | CP-822 | 95 | "A NOVEL PHOTONIC CRYSTAL FIBER FOR TERAHERTZ WAVE APPLICATIONS", Renuka Rani K, VIT CHENNAI,INDIA |
| 823 | CP-823 | 130 | "COMPARISON OF OPTICAL AND STRUCTURAL PROPERTIES OF THE SILICON NANOPARTICLES FABRICATED BY NANOSECOND AND FEMTOSECOND LASER ABLATION IN LIQUIDS", Saikiran Vadavalli, GITAM DEEMED TO BE UNIVERSITY,INDIA |

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| 824 | CP-824 | 153 | "STUDY ON THE SOLVATOCHROMIC EFFECT OF LOW-GRADE COAL-DERIVED CARBON NANOSTRUCTURES", Akshatha A Rao, CHRIST UNIVERSITY BANGALORE,INDIA |
| 825 | CP-825 | 275 | "THE STUDY OF MAGNETO PLASMON ON THE SURFACE OF EUROPIUM SELENIDE A SEMI-MAGNETIC MATERIAL AT A NON-DISPERSIVE MEDIUM", Rashimi Yadav, UNIVERSITY OF LUCKNOW , INDIA,INDIA |
| 826 | CP-826 | 289 | "TUNING THE AGGREGATION OF GOLD NANOPARTICLES PREPARED BY LASER ABLATION WITH HALIDE SALTS", Lucrezia Catanzaro, UNIVERSITY OF CATANIA,ITALY |
| 827 | CP-827 | 301 | "INFLUENCE OF OXYGEN DEFECTS ON THE OPTICAL PROPERTIES IN STRONTIUM COBALT OXIDES($\text{SrCOO}_3 - \Delta$, $0 \leq \Delta \leq 0.5$)", Kiruthiga Devi B, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 828 | CP-828 | 548 | "PROBING EVANESCENT BLOCH SURFACE WAVES USING PLASMONIC METAMATERIALS", Shilpa R, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 829 | CP-829 | 570 | "NEUROMORPHIC PROPERTIES OF ZINC OXIDE NANOPARTICLES", Devi Chandra R, UNIVERSITY OF KERALA,INDIA |
| 830 | CP-830 | 571 | "EUROPIUM OXIDE MODIFIED REDUCED GRAPHENE OXIDE COMPOSITE FOR TRACE DETECTION OF PHOSPHATE IONS IN SOIL SAMPLES", Revati Pandurang Potdar, THE INSTITUTE OF SCIENCE, MUMBAI,INDIA |
| 831 | CP-831 | 670 | "SYNERGIC EFFECTS OF Sn_4 DOPING ON THE NONLINEAR OPTICAL LIMITING PROPERTIES OF SnxCd1-xMOO_4 NANOSTRUCTURES FOR OPTOELECTRONIC APPLICATIONS", Binish B, SRM IST CHENNAI,INDIA |

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| 832 | CP-832 | 725 | "INVESTIGATION ON THE SYNTHESIS, GROWTH PROPERTIES AND HIRSHFELD SURFACE ANALYSIS OF AN ORGANIC NONLINEAR OPTICAL SINGLE CRYSTAL: PICRIC ACID", Sowmiya, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 833 | CP-833 | 807 | "FLASH IODINATION OF SILVER THIN FILMS FOR SURFACE ENHANCED RAMAN SPECTROSCOPY", P Nandhagopal, PONDICHERY UNIVERSITY,INDIA |
| 834 | CP-834 | 843 | "MAGNETIC FIELD TUNABLE NARROW BAND RANDOM RAMAN LASER BY HARNESSING INELASTIC STIMULATED RAMAN SCATTERING AND ELASTIC DIELECTRIC RESONANCE SCATTERING.", Suresh Kumar Varma, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 835 | CP-835 | 887 | "SPECTRAL AND NONLINEAR OPTICAL PROPERTIES OF SILVER (AG) DOPED CADMIUM TUNGSTATE (CDWO ₄) NANOSTRUCTURES", Lokesh, SRM UNIVERSITY,INDIA |
| 836 | CP-836 | 895 | "CHROMIUM DOPING EFFECT ON THE NONLINEAR OPTICAL LIMITING PROPERTIES OF IRON MOLYBDATE (FEMO ₄) NANOPARTICLES", Yukeshveer S, SRM UNIVERSITY,INDIA |
| 837 | CP-837 | 896 | "NONLINEAR OPTICAL LIMITING PROPERTIES OF ZINC ZIRCONATE (ZNZRO ₃) NANOPARTICLES", Remya G R, KS M D B COLLEGE KOLLAM KERALA,INDIA |
| 838 | CP-838 | 1095 | "STRUCTURAL, MORPHOLOGICAL, THERMAL, MAGNETIC AND NON-LINEAR OPTICS PROPERTIES ON ND DOPED TIO ₂ NANOPARTICLES", Umadevi P, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 839 | CP-839 | 1217 | "SYNTHESIS AND CHARACTERIZATION OF LA DOPED ZINC PHOSPHATE", Vijayakumar B, SRMIST KTR,INDIA |

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| 840 | CP-840 | 1250 | "LAYER-DEPENDENT OPTICAL RESPONSE OF MOS ₂ NANOSHEETS", Rukshaana Rafi, SRMIST,INDIA |
| 841 | CP-841 | 1333 | "EFFECT OF CR ₂ O ₃ IONS IN PBO – GEO ₂ GLASSES", T V Narmada, JNTU ANATHAPURAM,INDIA |
| 842 | CP-842 | 1533 | "WAVELETS AND ARTIFICIAL NEURAL NETWORKS FOR SURFACE ROUGHNESS ESTIMATION OF CERAMIC TILES ", Jana Bhaskara Rao, ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY SCIENCES,INDIA |
| 843 | CP-843 | 1614 | "INVESTIGATION OF THE IMPACT OF INCIDENT FIELD ORIENTATION ON THE OPTICAL PROPERTIES OF NANOPARTICLE EMBEDDED BREAST TUMOR", VIKAS, ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH CSIO,INDIA |
| 844 | CP-844 | 1999 | "SPECTRAL FEATURES OF COUPLED RESONATORS WITH DISSIMILAR DISKS", Varun S V, SRMIST KATTANKULATHUR,INDIA |
| 845 | CP-845 | 2137 | "SYNTHESIS AND CHARACTERIZATION OF BA ₂ TiZrO ₆ NANO CERAMIC", Aswathy A Mohan, UNIVERSITY OF KERALA,INDIA |
| 846 | CP-846 | 2197 | "THE THEORETICAL ASPECT OF LSPR AND FIELD ENHANCEMENT OF AU NANOPARTICLE UNDER THE INFLUENCE OF AL NANOPARTICLE", Chhaya Sharma, AMITY UNIVERSITY,INDIA |
| 847 | CP-847 | 2278 | "ONE-POT SYNTHESIS OF PALLADIUM NANOCUBES AND THEIR CATALYZED REDUCTION OF 4-NITROPHENOL", Lekshmi Chandran, DEPARTMENT OF OPTOELECTRONICS UNIVERSITY OF KERALA,INDIA |
| 848 | CP-848 | 2308 | "THIRD ORDER NONLINEAR PROPERTIES OF MONO/BIPHASIC HYDROXYAPATITE AND B-TRICALCIUM PHOSPHATE ", Kabilan N, ANNA UNIVERSITY,INDIA |

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| 849 | CP-849 | 2309 | "THIRD ORDER NONLINEAR PROPERTIES OF MONO/BIPHASIC HYDROXYAPATITE AND B-TRICALCIUM PHOSPHATE ", Kabilan N, ANNA UNIVERSITY,INDIA |
| 850 | CP-850 | 2520 | "PIEZO-PHOTOTRONICALLY ENHANCED PHOTOCATALYTIC AND PHOTOVOLTAIC BEHAVIOUR OF AU DECORATED BFO NANOCOMPOSITE", Khalid Bato, KING SAUD UNIVERSITY,SAUDI ARABIA |
| 851 | CP-851 | 2524 | "PLASMONICALLY ENHANCED PHOTOVOLTAIC AND PHOTOCATALYTIC HYDROGEN PRODUCTION BEHAVIOR OF AG DECORATED GD3 BIFEO3 NANOPARTICLES", Saravanan Pandiaraj, KING SAUD UNIVERSITY,SAUDI ARABIA |
| 852 | CP-852 | 2525 | "LA3 DOPED ZNO NANOSTRUCTURES DEPOSITED P-SI NANOWIRE ARRAYS FOR ENHANCED DIODE CHARACTERISTICS", Saravanan P, K RAMAKRISHNAN COLLEGE OF ENGINEERING,INDIA |
| 853 | CP-853 | 2527 | "GREENER PRODUCTION OF INTERCONNECTED AL DOPED ZNO NANOPARTICLES FOR OPTOELECTRONICS", Maheswari, K RAMAKRISHNAN COLLEGE OF ENGINEERING,INDIA |
| 854 | CP-854 | 1602 | "SHAPE DEFECT ORIENTATION'S IMPACT ON NANOPOROUS GRAPHENE'S MECHANICAL CHARACTERISTICS", M Thirugnanam, SRM IST KTR,INDIA |
| 855 | CP-855 | 1798 | "RELIABILITY STUDIES OF CNT VIA INTERPOSERS FOR WEARABLE ELECTRONIC DEVICES", Femi Robert, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 856 | CP-856 | 1884 | "NANOSCALE MODELING AND APPLICATIONS", Akshayaa M, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |

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| 857 | CP-857 | 1969 | "CORE STRUCTURE, LATTICE RESISTANCE AND ESCAIG STRESS OF FULL AND PARTIAL DISLOCATION IN TWIP STEEL", Sri Sadgun Reddy Pulagam, INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR,INDIA |
| 858 | CP-858 | 2181 | "MODELLING FOR THE STUDY OF COHESIVE ENERGY AND DEBYE TEMPERATURE OF NANOMETALS.", Tanya Kumari, MADAN MOHAN MALVIYA UNIVERSITY OF TECHNOLOGY,INDIA |
| 859 | CP-859 | 2257 | "EFFECT OF PRESSURE ON EXCITON MOTT TRANSITION IN SYMMETRIC DOUBLE QUANTUM WELL", Vignesh G, ST JOSEPHS UNIVERSITY BANGALORE KARNATAKA,INDIA |
| 860 | CP-860 | 2271 | "NANO-FORENSICS IN DETECTION OF DRUGS OF ABUSE – A REVIEW", T Sowmyya, OSMANIA UNIVERSITY,INDIA |
| 861 | CP-861 | 2391 | "DESIGN OF SCHIFF BASE COMPLEXES AS PRECURSOR FOR METAL OXIDES NANOPARTICLES ", S Amudha, VIT,INDIA |
| 862 | CP-862 | 19 | "PHOTOACTIVE TUNGSTEN-OXIDE NANOMATERIALS FOR WATER-SPLITTING", Sadaf Fatma, UNIVERSITY DEPT OF PHYSICS VKS UNIVERITY ARA,INDIA |
| 863 | CP-863 | 34 | "EFFECT OF MN DOPING ON STRUCTURAL, OPTICAL, AND METHANE SENSING PROPERTIES OF SNO2 THIN FILMS.", Anisha Joseph, MAR ATHANASIVS COLLEGE KOTHAMANGALAM,INDIA |
| 864 | CP-864 | 63 | "NEGATIVE PHOTO-DETECTION IN PRINTED BI2O2SE NANOSHEETS AND IMPROVED PHOTO-DETECTION BY WS2/BI2O2SE HETEROJUNCTION.", Subhankar Debnath, IIT GUWAHATI,INDIA |

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| 865 | CP-865 | 96 | "ELECTRICAL BEHAVIORS OF FERROELECTRIC ZNSNS3 THIN FILMS SYNTHESIZED BY SPRAY PYROLYSIS METHOD FOR PHOTOVOLTAIC APPLICATIONS", Md Mohsin, PRESIDENCY UNIVERSITY,INDIA |
| 866 | CP-866 | 108 | "SIMULATION OF ELECTRICAL CHARACTERISTICS ACROSS IMT IN OXIDE-MATERIALS", Arkaprava Mondal, INDIAN INSTITUTE OF TECHNOLOGY BHU VARANASI,INDIA |
| 867 | CP-867 | 112 | "ANISOTROPIC COMPARTMENTALIZATION OF LIQUID-LIQUID INTERFACE USING DYNAMIC IMINE CHEMISTRY", Chinmayee Uday Agashe, INSTITUTE OF NANO SCIENCE AND TECHNOLOGY MOHALI,INDIA |
| 868 | CP-868 | 113 | "FACILE PREPARATION OF NICKEL OXIDE ENCLOSED COBALT OXIDE (NIO-COO) THIN FILMS FOR SOLAR THERMAL ENERGY APPLICATIONS", Murugesan N, BHARATH NIKETAN ENGINEERING COLLEGE,INDIA |
| 869 | CP-869 | 122 | "COMPARATIVE STUDY OF DIMENSIONAL STABILITY AND SURFACE QUALITY OF GYPSUM CAST RETRIEVED FROM DISINFECTED NANOALGINATE IMPRESSIONS BY IMMERSION AND SPRAY METHOD", Ahila Singaravel Chidambaranathan, SRM DENTAL COLLEGE RAMAPURAM,INDIA |
| 870 | CP-870 | 125 | "ELECTROCHEMICAL EXFOLIATION OF GRAPHITE INTO GRAPHENE IN AQUEOUS SOLUTIONS OF INORGANIC SALT: EFFECT OF CONCENTRATION VARIATION OF H2O2", Kumar Anurag, NATIONAL INSTITUTE OF ADVANCED MANUFACTURING TECHN,INDIA |
| 871 | CP-871 | 126 | "INFLUENCE OF SR2 ION CONTENT ON THE STRUCTURAL AND ELECTRICAL PROPERTIES OF BA1-XSRXTIO3 NANOPOWDERS", Laishram Rashi Devi, MANIPUR UNIVERSITY,INDIA |

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| 872 | CP-872 | 129 | "PHOTOLUMINESCENCE AND THERMOLUMINESCENCE BEHAVIOUR OF EU3 AND TB3 DOPED YPO4 NANOPHOSPHORS", Khundrakpam Chanchan Devi , DEPARTMENT OF PHYSICS MANIPUR UNIVERSITY,INDIA |
| 873 | CP-873 | 132 | "INFLUENCE OF OXYGEN PARTIAL PRESSURE ON THE PERFORMANCE OF MOO3-BASED ULTRAVIOLET PHOTODETECTORS", Anibrata Mondal , IIITDM KANCHEEPURAM,INDIA |
| 874 | CP-874 | 135 | "COMPARISON OF COFE2O4 THIN FILM ANNEALED AT DIFFERENT TEMPERATURES PREPARED BY SPIN COATING", Binarani Khundrakpam , MANIPUR UNIVERSITY,INDIA |
| 875 | CP-875 | 146 | "ROOM TEMPERATURE AMMONIA SENSING PROPERTIES OF AL-DOPED ZNO SENSOR", Vishwanath Dattu Mote , DAYANAND SCIENCE COLLEGE,INDIA |
| 876 | CP-876 | 154 | "PHOTOPHYSICAL STUDIES AND RED-OX PROPERTIES OF "BAT" SHAPED JI-CONJUGATED TETRABENZOFUORENES", Navya P V , CENTRAL UNIVERSITY OF TAMILNADU,INDIA |
| 877 | CP-877 | 162 | "FACILE SYNTHESIS OF TRANSITION METAL OXIDE AG2O HIERARCHICAL NANOPARTICLES: AS AN EFFICIENT PIEZOCATALYST FOR RHODAMINE-B DYE", P Karthik , SAVEETHA SCHOOL OF ENGINEERING,INDIA |
| 878 | CP-878 | 164 | "THERMAL PERFORMANCE OF THE SOLAR THERMOELECTRIC GENERATOR OPTIMIZATION", T.Thendral , M.I.E.T. ENGINEERING COLLEGE, TIRUCHIRAPPALLI 6200,INDIA |
| 879 | CP-879 | 166 | "MICROWAVE ASSISTED SYNTHESIS OF ZNS FOR ANTI-COUNTERFEITING APPLICATION", Sk Najes Riaz , JADAVPUR UNIVERSITY,INDIA |

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| 881 | CP-881 | 178 | "PHOTOSENSING PROPERTIES OF SNS DECORATED TIO ₂ NANORODS/AG JUNCTION", Nitumoni deka, NIT AGARTALA,INDIA |
| 882 | CP-882 | 184 | "NUCLEOPHILE-CONTROLLED HALIDE RELEASE FROM THE SUBSTITUTION REACTION OF HALOKETONE FOR FACET TUNING AND MANGANESE DOPING IN CSPBCL ₃ NANOCRYSTALS", Diptam Nasipuri, INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE,INDIA |
| 883 | CP-883 | 189 | "PREPARATION OF BISMUTH OXYBROMIDE PHOTOCATALYSTS FOR PHOTOCATALYTIC DEGRADATION OF SOLOCHROME BLACK DYE UNDER NATURAL SUN LIGHT IRRADIATION", Mothi Prasad G, THE NEW COLLEGE,INDIA |
| 884 | CP-884 | 204 | "DEPOSITION TEMPERATURE AS A CRUCIAL PROCESS PARAMETER IN TUNING THE CO ₂ SENSING PROPERTIES OF SPRAY-PYROLYZED SNO ₂ THIN FILM", Deepa S, MAR ATHANASIOUS COLLEGE AUTONOMOUS KOTHAMANGALAM,INDIA |
| 885 | CP-885 | 218 | "STUDY ON TEMPERATURE DEPENDENT DIELECTRIC AND TRANSPORT PROPERTIES OF K-DOPED NDMNO ₃ NANOPARTICLES", Payal Sengupta, JADAVPUR UNIVERSITY,INDIA |
| 886 | CP-886 | 225 | "FABRICATION OF NOVEL OF MNWO ₄ INCORPORATED POLYMER BASEDNANOCOMPOSITES FOR PHOTOCATALYTIC STUDIES", Sasikala V, SAVEETHA SCHOOL OF ENGINEERING,INDIA |

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| 887 | CP-887 | 230 | "SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF PANI/NANO ZNO COMPOSITES", Asha, BPS MAHILA VISHWAVIDYALAYA, KHANPUR KALAN, HARYANA,INDIA |
| 888 | CP-888 | 235 | "THEORETICAL AND EXPERIMENTAL STUDY ON THE INFLUENCE OF CATIONIC SURFACTANT ON THE COATING MORPHOLOGY, SURFACE GLOSSINESS AND ANTI-TARNISH BEHAVIOUR OF NANOSTRUCTURED AU COATINGS DEPOSITED FROM A NON-CYANIDE ELECTROPLATING SOLUTION", Bangmaya Satpathy, INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR,INDIA |
| 889 | CP-889 | 240 | "INVESTIGATION OF DIELECTRIC PROPERTIES AND ENERGY STORAGE PROPERTIES OF PT/PZT/PT AND PT/BZT/PT THIN FILM CAPACITORS", Asmin MK, SCT COLLEGE OF ENGINEERING,INDIA |
| 890 | CP-890 | 243 | "SINGLE WALLED CARBON NANOTUBES: ITS EFFECT ON PARAMETERS RELATED TO CHARGE INJECTION PROCESS OF ORGANIC DEVICE", Sudipta Sen, DEPARTMENT OF PHYSICS JADAVPUR UNIVERSITY,INDIA |
| 891 | CP-891 | 244 | "SYNTHESIS AND CHARACTERISATION OF G-CARBON NITRIDE FOR OPTOELECTRONIC APPLICATION", Shilpi Kumari, BIRLA INSTITUTE OF TECHNOLOGY MESRA RANCHI JHARKHA,INDIA |
| 892 | CP-892 | 246 | "SYNTHESIS AND CHARACTERISATION OF 2D-MATERIALS VIA CHEMICAL VAPOR DEPOSITION FOR OPTOELECTRONIC APPLICATION", Manish Kumar Singh, BIRLA INSTITUTE OF TECHNOLOGY MASRA RANCHI JHARKHA,INDIA |

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| 893 | CP-893 | 247 | "VARIATION IN THE HYDRODYNAMIC RADIUS OF A POLYELECTROLYTE PROTEIN INTERACTING WITH MIXED MONOLAYERS OF CHARGED LIPIDS", Mahesha S, CENTRAL UNIVERSITY OF KARNATAKA,INDIA |
| 894 | CP-894 | 248 | "GRAPHENE BASED METAL SULFIDE COMPOSITE COUNTER ELECTRODE FOR CDS QUANTUM DOT SENSITIZED SOLAR CELLS", Monika S, SSN COLLEGE OF ENGINEERING,INDIA |
| 895 | CP-895 | 253 | "CONFIGURATION OF NANOMECHANICAL RESONATORS FOR BIOSENSORS", Ritambhara Dash, CENTRAL UNIVERSITY OF JHARKHAND,INDIA |
| 896 | CP-896 | 256 | "TITLE: TO EVALUATE THE COMPRESSIVE STRENGTH OF 3D PRINTED DENTURE BASE RESINS REINFORCED WITH HGMS AND ZINC OXIDE NANOPARTICLES.", Puja Harie Priya M S, SRMDC,INDIA |
| 897 | CP-897 | 265 | "ROLE OF NANOPARTICLES IN 3D PRINTED DENTURE RESIN", Puja Harie Priya M S, SRM DENTAL COLLEGE,INDIA |
| 898 | CP-898 | 268 | "PREPARATION, CHARACTERIZATION AND SYNTHESIS OF SILVER NANO PARTICLES USING CHEMICAL REDUCTION METHOD", Isaac Britto S, HINDUSTAN COLLEGE OF ARTS AND SCIENCE , COIMBATORE,INDIA |
| 899 | CP-899 | 270 | "GREEN SYNTHESIS OF CAO NANOPARTICLES AND ITS STRUCTURAL, MORPHOLOGICAL, PHOTOCATALYTIC AND ANTIBACTERIAL PROPERTIES", Nirmala B, SRI GVG VISALAKSHI COLLEGE FOR WOMEN,INDIA |
| 900 | CP-900 | 274 | "HIGHLY EFFICIENT NH3 GAS SENSOR BASED ON HIGH CRYSTALLINE YTTRIUM-DOPED ZNO (HCYZO) THIN FILMS FOR ENVIRONMENTAL APPLICATIONS", Rajni Kant Verma, DEPARTMENT OF PHYSICS AND COMPUTER SCIENCE,INDIA |

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| 901 | CP-901 | 278 | "LIQUID-PHASE LASER ABLATION OF FULLERENE DISPERSION", Debashree Das , INDIAN INSTITUTE OF SPACE SCIENCE AND TECHNOLOGY,INDIA |
| 902 | CP-902 | 280 | "A PEEK INTO THE SHADES OF PEEK", Sai Madhuri Nemani , SRM DENTAL COLLEGE,INDIA |
| 903 | CP-903 | 285 | "ROLE OF BR-, CL- AND BMIM MESO4 IONIC LIQUID IN MICROWAVE-ASSISTED RAPID SYNTHESIS OF AG-NANOWIRES", Lakshmanamoorthy K , NATIONAL INSTITUTE OF TECHNOLOGY TRICHY,INDIA |
| 904 | CP-904 | 300 | "HYDROTHERMAL SYNTHESIS OF CUBI2O4, CUFE2O4 AND CUCO2O4 NANOMATERIALS FOR ENHANCED SUPERCAPACITOR APPLICATIONS", Thirumal Balaraman , UNIVERSITY OF MADRAS,INDIA |
| 905 | CP-905 | 304 | "SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF PANI/NANO ZNO COMPOSITES", Asha , BPSMV,INDIA |
| 906 | CP-906 | 305 | "COMPARATIVE STUDY OF TEMPERATURE DEPENDENT SYNTHESIS OF A-FE2O3 AND ITS HUMIDITY SENSING PROPERTY", Neeraj Dhariwal , NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY,INDIA |
| 907 | CP-907 | 306 | "MICROWAVE-ASSISTED GREEN PROCESS OF COBALT FERROUS CO DOPED TIN OXIDE NANOPARTICLES ANTIBACTERIAL AND ANTICANCER ACTIVITY", Parameswari P , THANTHAI PERIYAR GOVT ARTS AND SCIENCE COLLEGE A,INDIA |
| 908 | CP-908 | 311 | "STRUCTURAL AND IN VITRO BIOLOGICAL BEHAVIOUR OF SILVER CONTAINING BIOACTIVE GLASS COATED 316L SS FOR BIOMEDICAL APPLICATIONS", Devi Priya V , SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |

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| 909 | CP-909 | 312 | "NON ENZYMATIC ELECTROCHEMICAL SENSING OF URIC ACID USING COFE ₂ O ₄ NANOSTRUCTURES", J Josfel Flora, ANNA UNIVERSITY,INDIA |
| 910 | CP-910 | 313 | "STRUCTURAL, MAGNETIC AND OPTICAL CHARACTERISTICS OF MAGNESIUM FERRITE: EFFECT OF Y ³⁺ ION INCLUSION", Reshmina Tony A, ETHIRAJ COLLEGE FOR WOMEN,INDIA |
| 911 | CP-911 | 341 | "REVEALING THE EFFECT OF EU DOPING IN ZNO NANOPARTICLES BY STUDYING ITS STRUCTURAL, OPTICAL AND ANTIBACTERIAL PROPERTIES", Ramachandran S P, THANTHAI PERIYAR GOVT ARTS AND SCIENCE COLLEGE AUT,INDIA |
| 912 | CP-912 | 342 | "ROLE OF CD-RICH ZNWO ₄ NANORODS AND ITS IMPROVED PHOTOELECTROCHEMICAL CELL PERFORMANCES", Pugazhendi Ilanchezhian, DONGGUK UNIVERSITY,KOREA, REPUBLIC OF |
| 913 | CP-913 | 343 | "SM DECORATED ZNO-SNO ₂ NANOCOMPOSITES WITH IMPROVED PHOTO-DEGRADATION STRENGTH AND ANTIBACTERIAL PROPERTIES", Dojalisa Sahu, CENTURION UNIVERSITY,INDIA |
| 914 | CP-914 | 349 | "HIGHLY CRYSTALLINE V ₂ O ₅ AND V ₆ O ₁₃ THIN FILMS BY PLD AND A STUDY ON MORPHOLOGY TRANSITION OF V ₂ O ₅ BY POST ANNEALING", V Shobin Vijay, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES,INDIA |
| 915 | CP-915 | 359 | "PREPARATION AND CHARACTERISATION OF ZNO INCORPORATED CHITOSAN FILM FOR FOOD PACKAGING APPLICATION", Anmiya Peter, COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY,INDIA |
| 916 | CP-916 | 360 | "PREPARATION OF 3D G-CNT THIN FILM AND IT'S ELECTRICAL PROPERTIES ", Priyanka Pachiannan, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES,INDIA |

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| 917 | CP-917 | 369 | "STRUCTURAL STUDY OF PURE RARE EARTH METAL CERIUM OXIDE NANOPARTICLES", Shivangi Srivastava, UNIVERSITY OF LUCKNOW,INDIA |
| 918 | CP-918 | 378 | "INVESTIGATION OF TRANSITION METAL ION CO ₂ AND FE ₂ DOPED ZINC ALUMINATE (ZnAl ₂ O ₄) AND THEIR STRUCTURAL, SPECTRAL, OPTICAL, AND DIELECTRIC STUDY FOR STORAGE APPLICATIONS.", Yasmin, ANNA UNIVERSITY MIT CAMPUS,INDIA |
| 919 | CP-919 | 419 | "MGSZ AND ZNSZ NANOCOMPOSITE COATINGS ON MEDICAL GRADE 316L SS – A SUITABLE APPROACH FOR MECHANICAL, ANTIMICROBIAL AND BIOLOGICAL PERSPECTIVES", Chelsea Hannah A, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 920 | CP-920 | 424 | "1 NM ALN INTERLAYER SUPPRESS THE ELECTRONIC PHASE COHERENCE IN ALGAN/GAN 2DEG", Chiranjit Karmakar, GUJARAT UNIVERSITY,INDIA |
| 921 | CP-921 | 425 | "SYNTHESES AND CHARACTERIZATION OF BISMUTH MOLYBDATE VISIBLE-LIGHT DRIVEN PHOTOCATALYTIC DEGRADATION FOR RHODAMINE - B", Sasikala V, SAVEETHA SCHOOL OF ENGINEERING,INDIA |
| 922 | CP-922 | 434 | "CAFFEINE-BASED ADDITIVE ENGINEERING FOR IMPROVED SURFACE PASSIVATION OF LEAD-FREE PEROVSKITE SOLAR CELL", Dhivyaprasath Kasinathan, NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI,INDIA |
| 923 | CP-923 | 435 | "HYDROTHERMALLY SYNTHESIZED NiOOH NANOSPHERES FOR SUPERCAPACITOR", Digambar Shivaji Sawant, THE INSTITUTE OF SCIENCE MUMBAI,INDIA |

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| 924 | CP-924 | 444 | "IMPACT OF METAL DOPANT ON ZNO THIN FILMS BY SPIN COATING TECHNIQUE FOR OPTOELECTRONIC DEVICES", Ashith V K, ST PHILOMENA COLLEGE,INDIA |
| 925 | CP-925 | 448 | "SYNTHESIS OF ARSENIC DOPED CDTE MATERIAL FOR SOLAR CELL APPLICATIONS", Shivaji Madhukar Sonawane, SAVITRIBAI PHULE PUNE UNIVERSITY,INDIA |
| 926 | CP-926 | 450 | "PIEZOELECTRIC ENERGY GENERATION UNDER FINGER TAPPING AND WATER FLOW USING GD-INCORPORATED NATURAL HEMATITE DECORATED PVDF-HFP MEMBRANE", Saheli Ghosh, JADAVPUR UNIVERSITY,INDIA |
| 927 | CP-927 | 454 | "AN INVESTIGATION OF HIGH TEMPERATURE OXIDATION BEHAVIOR OF NI AND CO BASED SUPERALLOYS", Kathiravan S, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 928 | CP-928 | 457 | "LI3 SWIFT HEAVY ION IRRADIATION WITH 50 MEV KINETIC ENERGY INFLUENCING DISTINCT PROPERTIES AND ANTIFUNGAL ACTIVITY OF MN/ZNO THIN FILMS", H A Khawal, SHREEYSH COLLEGE OF ENGINEERING AND TECHNOLOGY AUR,INDIA |
| 929 | CP-929 | 460 | "INVESTIGATION OF STRUCTURAL, MORPHOLOGICAL AND PHOTOEMISSION CHARACTERIZATION OF PURE AND MN DOPED VANADIUM OXIDE THIN FILMS BY COST EFFECTIVE SPRAY PYROLYSIS METHOD FOR ENHANCED ELECTROCHEMICAL APPLICATIONS", Saravanakannan V, MARUTHUPANDIYAR COLLEGE,INDIA |
| 930 | CP-930 | 466 | "AN APPROACH OVER A 3D PRINTED OBJECT USING MACHINE LEARNING", Dhandapani S, RAJALAKSHMI ENGINEERING COLLEGE,INDIA |

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| 931 | CP-931 | 481 | "ENGINEERING THE OPTICAL PROPERTIES OF 1T-ZRS ₂ USING ELECTRIC FIELD", Priyanka, KURUKSHETRA UNIVERSITY,INDIA |
| 932 | CP-932 | 483 | "A STUDY OF UV/VISIBLE LIGHT ASSISTED GAS SENSING ABILITY ON N-SUBSTITUTED NAPHTHALIMIDES FOR VOCS DETECTION", Kasthuri S, SRMIST,INDIA |
| 933 | CP-933 | 485 | "TO STUDY STRUCTURAL AND OPTICAL PROPERTIES OF SNS NANORODS ON THE STABILITY OF CH ₃ NH ₃ PBI ₃ PEROVSKITE IN OPTOELECTRONIC DEVICES", Vaishali Sambhaji Waman, MODERN COLLEGE OF ARTS SCIENCE AND COMMERCE PUNE,INDIA |
| 934 | CP-934 | 488 | "PMMA-MOLECULAR IMPRINTED POLYMER COMPOSITE THIN FILMS FOR ATRAZINE DETECTION", Shweta Chaure, COEP TECHNOLOGICAL UNIVERSITY,INDIA |
| 935 | CP-935 | 490 | "OXYGEN PARTIAL PRESSURE DEPENDENT SPUTTERED COPPER OXIDE FILMS FOR VISIBLE PHOTODETECTORS", Karthickraja R, VELLORE INSTITUTE OF TECHNOLOGY,INDIA |
| 936 | CP-936 | 491 | "HYDROTHERMAL SYNTHESIS AND CHARACTERIZATION OF ZINC STANNATE SPINEL NANOSTRUCTURES", Nishita Pawar, NITK SURATHKAL MANGALORE,INDIA |
| 937 | CP-937 | 492 | "MOLYBDENUM TRIOXIDE AND TIN DIOXIDE NANOSTRUCTURES: A COMPARATIVE STUDY OF MORPHOLOGY, ELECTRICAL, AND MOISTURE PROPERTIES", Peramjeet Singh, DEPARTMENT OF PHYSICS UNIVERSITY OF LUCKNOW,INDIA |
| 938 | CP-938 | 508 | "INVESTIGATIONS OF VARIOUS TRANSPARENT CONDUCTING OXIDES MATERIALS FOR SB ₂ SE ₃ BASED THIN FILM SOLAR CELLS: A NUMERICAL APPROACH USING SCAPS-1D", Kishore Bhat T R, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |

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| 939 | CP-939 | 511 | "SPUTTER-DEPOSITED HIGHLY FLEXIBLE NOBLE METAL MULTI-LAYER ELECTRODE VIABLE FOR ENERGY AND LUMINESCENT DEVICES", Reddivari Muniramaiah, NIT WARANGAL,INDIA |
| 940 | CP-940 | 513 | "TEMPERATURE AND FIELD SENSITIVITY STUDIES IN LA0.5PR0.2R0.3MNO3 (R = SR, BA) MANGANITES THIN FILMS", Rohini Sandip Chhatrala, COEP TECH UNIVERSITY,INDIA |
| 941 | CP-941 | 527 | "BLACK SILICON FABRICATION BY METAL ASSISTED CHEMICAL ETCHING (MACETCH) AND INVESTIGATION OF INFLUENCE OF CRYSTALLOGRAPHIC ORIENTATION.", Charumathi N, PSG INSTITUTE OF ADVANCED STUDIES,INDIA |
| 942 | CP-942 | 528 | "IMPEDENCE SPECTROSCOPY INVESTIGATION AND STRUCTURAL CHARACTERIZATION OF SODIUM AND NEODYMIUM MODIFIED BARIUM STRONTIUM TITANATE COMPOSITE", Preeti Saroha, SRM UNIVERSITY,INDIA |
| 943 | CP-943 | 530 | "IMPACT OF SPIN-COATED TIO2 BLOCKING FILM IN DYE-SENSITIZED SOLAR CELLS PERFORMANCE", Punam Nilesh Wani, PROF RAMKRISHNA MORE COLLEGE AKURDI,INDIA |
| 944 | CP-944 | 542 | "BIPHENYL-RGO OXIDE COMPOSITE ROOM TEMPERATURE GAS SENSOR FOR ENHANCED AMINE SENSING", Baliram Shrirang Nadekar, THE INSTITUTE OF SCIENCE MUMBAI,INDIA |
| 945 | CP-945 | 564 | "BINARY TUNGSTEN-MOLYBDENUM OXIDE-BASED NANOSTRUCTURES AS NEGATIVE ELECTRODE FOR SUPERCAPACITORS", Minaj Makabul Faras, YASHWANTRAO CHAVAN INSTITUTE OF SCIENCE SATARA,INDIA |

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| 946 | CP-946 | 565 | "SYNTHESIS OF NIOBIUM PHOSPHATE ON NI-FOAM ELECTRODE FOR SUPERCAPACITOR APPLICATION", Amate Rutuja Uday, YEUNGNAM UNIVERSITY,KOREA, REPUBLIC OF |
| 947 | CP-947 | 599 | "INVESTIGATIONS ON EFFECT OF CO DOPING ON VARIOUS PROPERTIES OF NICKEL OXIDES", Mahesh Bharat Thakare, DEOGIRI COLLEGE AURANGABAD,INDIA |
| 948 | CP-948 | 601 | "INVESTIGATIONS ON EFFECT OF CO DOPING ON VARIOUS PROPERTIES OF NICKEL OXIDES", Ramesh Balaji Kokare, DEOGIRI COLLEGE AURANGABAD,INDIA |
| 949 | CP-949 | 608 | "TAILORING THE STRUCTURAL AND OPTICAL PROPERTIES OF TIN OXIDE NANOPARTICLES DOPED WITH ALUMINIUM", Ummer Altaf, NIT SRINAGAR,INDIA |
| 950 | CP-950 | 611 | "PHYTO SYNTHESIS OF TIN OXIDE NANOPARTICLES USING MACROTYLOMA UNIFLORUM AND ITS PROPERTIES", Vidhu V K, ASSUMPTION COLLEGE CHANGANACHERRY,INDIA |
| 951 | CP-951 | 614 | "HIGHLY POLYCRYSTALLINE AND STOICHIOMETRIC GROWTH OF CIGSE THIN FILM BY THERMAL EVAPORATION TECHNIQUE IN CONJUNCTION WITH SOLVOTHERMAL METHOD", Priyanka U Londhe, CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY,INDIA |
| 952 | CP-952 | 616 | "PHOSPHOROUS DOPED ACTIVATED CARBON DERIVED FROM COCONUT SHELL FOR SUPERCAPACITOR APPLICATIONS", Poornima Bh, SRMIST,INDIA |
| 953 | CP-953 | 622 | "REVIEW ON SYNTHESIS OF ACTIVATED CARBON FROM AGRICULTURAL WASTES AND ITS APPLICATION", Ajitha M, SRI VENKATESWARAA COLLEGE OF TECHNOLOGY,INDIA |

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| 954 | CP-954 | 626 | "SYNTHESIS OF POLYPYRROLE/MNO ₂ NANOCOMPOSITES AND THEIR SUPERCAPACITOR APPLICATIONS", N Balasubramanian, PHD RESEACH SCHOLARS,INDIA |
| 955 | CP-955 | 628 | "EFFECT OF SULPHUR CONCENTRATION ON NIS NANOPARTICLES SYNTHESIZED BY HOT INJECTION METHOD", Mahesh Mahadev Kamble, PDEAS ANANTRAO PAWAR COLLEGE PIRANGUT MULSHI PUNE,INDIA |
| 956 | CP-956 | 629 | "PREPARATION OF ACTIVATED CARBON DERIVED FROM HEVEA BRASILIENSIS SHELL FOR SUPERCAPACITOR APPLICATIONS", Sulochana V, SRMIST,INDIA |
| 957 | CP-957 | 634 | "PREPARATION OF GA DOPED ZNO FIBERS USING ELECTROSPINNING FOR EFFICIENT VISIBLE-LIGHT PHOTOCATALYTIC ACTIVITY", Muzammil P, ISLAMIAH COLLEGE,INDIA |
| 958 | CP-958 | 636 | "SYNTHESIS AND CHARACTERIZATION OF GAN FIBERS GROWN AT DIFFERENT TEMPERATURES USING THE ELECTROSPINNING METHOD", Shakil Mohammed, ISLAMIAH COLLEGE,INDIA |
| 959 | CP-959 | 639 | "STUDY OF VARIATION IN POROSITY AND ITS ASSOCIATED PARAMETERS DUE TO CU DOPING IN ZINC FERRITE USING SOL-GEL ROUTE", Jamdade Shrinivas Gautamrao, BABURAOJI GHOLAP COLLEGE,INDIA |
| 960 | CP-960 | 642 | "PREPARATION AND CHARACTERIZATIONS OF NIFE ₂ O ₄ THIN FILM USING SPRAY PYROLYSIS METHOD", Sagar Vaghu Rathod, DEPARTMENT OF PHYSICS DEOGIRI COLLEGE AURANGABAD,INDIA |

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| 961 | CP-961 | 643 | "SPRAY PYROLYSIS DEPOSITION STRUCTURAL AND OPTICAL CHARACTERIZATION OF NICKEL FERRITES THIN FILM", Magar Vikas Uddhavrao, DEPARTMENT OF PHYSICS DEOGIRI COLLEGE AURANGABAD,INDIA |
| 962 | CP-962 | 646 | "CRYSTAL STRUCTURE, OPTIMIZED GEOMETRY, PHYSICO-CHEMICAL PROPERTIES AND THEORETICAL INVESTIGATION OF 3-AMINOPYRIDINE OXALIC ACID: A NOVEL NONLINEAR OPTICAL SINGLE CRYSTAL", Surya S, SRMIST,INDIA |
| 963 | CP-963 | 647 | "STRUCTURAL AND OPTICAL STUDIES OF GD1-XNAXFEO3(X= 0,0.1,0.3)", Divya Krishnan C K, UNIVERSITY OF KERALA,INDIA |
| 964 | CP-964 | 650 | "A NUMERICAL MODEL FOR A KESTERITE SOLAR CELL BASED ON COPPER ZINC TIN SULFIDE (CZTS)", Diksha Balu Lihinar, DEPARTMENT OF NANOTECHNOLOGY DR BAMU,INDIA |
| 965 | CP-965 | 651 | "DOES COPPER DOPING EFFECT THE PHOTOLUMINESCENCE OF METHYL AMMONIUM LEAD BROMIDE THIN FILMS?", Adithya Nath R, UNIVERSITY OF KERALA,INDIA |
| 966 | CP-966 | 682 | "COLLOIDAL REACTION SYNTHESIS OF STOICHIOMETRIC CDTE POWDER SAMPLES AND THEIR CHARACTERIZATION", Maruti Vasant Salve, SAVITRIBAI PHULE PUNE UNIVERSITY 411 007,INDIA |
| 967 | CP-967 | 683 | "GAS INTERACTION OF MESO TRIPHENYL AMINE AND PYRENE CONJUGATED PORPHYRIN FUNCTIONALIZED ZNO NANO FLOWERS: A SCANNING KELVIN PROBE STUDY", Sheethal S, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 968 | CP-968 | 684 | "STRUCTURAL AND PHOTOCATALYTIC STUDIES OF ENTROPY-STABILIZED (CU,ZN,NI,CO)O", Arunaprabha A, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |

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| 969 | CP-969 | 687 | "ROLE OF ZNO NANOPARTICLES IN ENHANCING THE STRUCTURAL, OPTICAL AND ELECTRICAL PROPERTIES OF PVA/PVP/ZNO NANOCOMPOSITES", Toijam Suma Chanu, MANIPUR UNIVERSITY,INDIA |
| 970 | CP-970 | 688 | "AN INVESTIGATION ON THE OPTICAL PROPERTIES OF GAS PHASE CVD GROWN WS2 THIN FILM", Swetha Chandran, SRMIST,INDIA |
| 971 | CP-971 | 689 | "INVESTIGATION ON STRUCTURAL AND MAGNETIC CHARACTERISTICS OF Ni _{0.4} LaxFe _{2-x} O ₄ PREPARED BY SOLUTION COMBUSTION METHOD", Anandhi DV, ACS COLLEGE OF ENGINEERING,INDIA |
| 972 | CP-972 | 692 | "THE ZNO BASED THIN FILM GAS SENSOR FOR DETECTION OF AMMONIA AT ROOM TEMPERATURE", Gowri Shonali, SASTRA DEEMED TO BE UNIVERSITY,INDIA |
| 973 | CP-973 | 694 | "HYDROTHERMAL GROWTH OF SB ₂ SE ₃ NANORODS AND THEIR CHARACTERIZATION", Kavita Sachin Gunjal, B P H E SOCIETYS AHMEDNAGAR COLLEGE AHMEDNAGAR,INDIA |
| 974 | CP-974 | 717 | "STRUCTURAL, MORPHOLOGY, AND OPTICAL CHARACTERIZATION OF COBALT DOPED BARIUM TITANATE NANOMATERIALS", G Kusuma Priya, JNTUA ANANTAPUR,INDIA |
| 975 | CP-975 | 718 | "STRUCTURAL AND THERMOLUMINESCENCE STUDY OF DOPED MGO NANOPHOPSHOR FOR DOSIMETRY APPLICATION", Pooja Seth, GGs INDRAPRASTHA UNIVERSITY,INDIA |
| 976 | CP-976 | 719 | "TEMPERATURE-DEPENDENT VIBRATIONAL PROPERTIES OF DVT GROWN ORTHORHOMBIC SNS SINGLE CRYSTALS AND THEIR APPLICATION AS A SELF-POWERED PHOTODETECTOR", Vibhutiba Jethwa, SARDAR PATEL UNIVERSITY,INDIA |

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| 977 | CP-977 | 720 | "ANALYSIS OF OPTICAL PROPERTIES OF INDIUM SULPHIDE THIN FILMS BY VARIABLE ANGLE SPECTROSCOPIC ELLIPSOMETER", Jishad A Salam, UNIVERSITY OF KERALA THIRUVANANTHAPURAM,INDIA |
| 978 | CP-978 | 726 | "STRUCTURAL, OPTICAL, SURFACE-MORPHOLOGICAL AND ELECTROCHEMICAL STUDIES OF COBALT OXIDE NANOPARTICLES", Chrisma Rose Babu, CHRIST DEEMED TO BE UNIVERSITY BENGALURU,INDIA |
| 979 | CP-979 | 728 | "CHEMICAL BATH DEPOSITION SYNTHESIZED MANGANESE OXIDE (MNO ₂) THIN FILMS FOR SUPERCAPACITOR APPLICATION", Rutuja Bhaskar Patil, SANJAY GHODAWAT UNIVERSITY,INDIA |
| 980 | CP-980 | 730 | "SYNTHESIS OF DYSPROSIUM SULPHIDE THIN FILMS BY CHEMICAL BATH DEPOSITION (CBD) METHOD FOR SUPERCAPACITOR APPLICATION", Sambhaji Dinkar Khot, D. Y. PATIL EDUCATION SOCIETY KOLHAPUR,INDIA |
| 981 | CP-981 | 731 | "INTERDIGITATED GOLD ELECTRODE MODIFIED WITH REDUCED GRAPHENE OXIDE FOR THE DETECTION OF CADMIUM IONS USING CYCLIC VOLTAMMETRY TECHNIQUE", Nongmaithem Herojit Singh, DEPARTMENT OF CHEMISTRY,INDIA |
| 982 | CP-982 | 732 | "ANTIBACTERIAL STUDIES AND OPTICAL CHARACTERISTICS OF LATI ₂ O ₃ ", Prabitha V G, GOVT. ARTS AND SCIENCE COLLEGE,INDIA |
| 983 | CP-983 | 735 | "STUDY OF EVAPORATED Sb ₂ Se ₃ ABSORBER THIN FILM PROPERTIES AS A FUNCTION OF GROWTH TEMPERATURE FOR THIN FILM SOLAR CELLS", M G Srinivasan, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |

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| 984 | CP-984 | 740 | "STRUCTURAL AND OPTICAL PROPERTIES IN CO DOPED MN GD IN BISMUTH FERRITE (BIFEO3) THIN FILMS PREPARED BY SOL-GEL TECHNIQUE.", Salam Anilkumar Singh, MANIPUR UNIVERSITY,INDIA |
| 985 | CP-985 | 742 | "THERMOELECTRIC PERFORMANCE OF IN-DOPED CU2SNS3 DISORDERED MATERIAL BASED SOLVOTHERMAL THROUGH COORDINATION OF THE TRANSPORT PROPERTIES", T Manimozhi, SIMATS,INDIA |
| 986 | CP-986 | 744 | "STUDY OF STRUCTURAL AND ELECTRICAL PROPERTIES OF MN DOPED NIFE2O4 CERAMICS", Maibam Franco Singh, DEPARTMENT OF PHYSICS MANIPUR UNIVERSITY,INDIA |
| 987 | CP-987 | 747 | "STUDY OF N- SI/SB2SE3 HETEROJUNCTION WITH EMBEDDED GOLD NANOPARTICLES AT THE INTERFACE FOR OPTOELECTRONICS APPLICATIONS", Thatheyus Peter X, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 988 | CP-988 | 748 | "A COMPARATIVE STUDY ON THE CONDUCTIVITY OF BEETROOT DYE BASED DEVICE -WITH AND WITHOUT TITANIUM DIOXIDE NANOPARTICLES", Subhra Rakshit, JADAVPUR UNIVERSITY,INDIA |
| 989 | CP-989 | 750 | "CONTROLLED GROWTH OF CUINGASE2 THIN FILM BY SINGLE SOURCE THERMAL PVD TECHNIQUE FOR SOLAR CELL APPLICATION", Sachin Vijay Desarada, SAVITRIBAI PHULE PUNE UNIVERSITY PUNE,INDIA |
| 990 | CP-990 | 751 | "DEPOSITION TEMPERATURE AS A CRUCIAL PROCESS PARAMETER IN TUNING THE CO2 SENSING PROPERTIES OF SPRAY-PYROLYZED SNO2 THIN FILM", Deepa S, MAR ATHANASIOUS COLLEGE AUTONOMOUS,INDIA |

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| 991 | CP-991 | 755 | "SYNTHESIS AND CHARACTERIZATION OF FES ₂ VIA MECHANOCHEMICAL PROCESS FOR PHOTOVOLTAIC APPLICATION", Agnel Jose Antony A, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 992 | CP-992 | 757 | "INVESTIGATION ON OPTICAL PROPERTIES OF LEAD FREE PEROVSKITE QUANTUM DOTS", Aswathi K V, ANNA UNIVERSITY,INDIA |
| 993 | CP-993 | 759 | "SYNTHESIS AND CHARACTERIZATION OF SB ₂ S ₃ -XSEX ABSORBER MATERIALS FOR OPTOELECTRONIC APPLICATIONS", Tharani Priya. K, SRMIST KTR,INDIA |
| 994 | CP-994 | 762 | "STRUCTURAL, OPTICAL AND PHYSICOCHEMICAL PROPERTIES OF SPRAY-PYROLYZED DY-DOPED SNO ₂ THIN FILMS", Jean Maria Fernandes, NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA,INDIA |
| 995 | CP-995 | 765 | "SIMPLE SOLUTION PROCESSED TITANIUM CARBIDE/METAL OXIDE COMPOSITE FOR ELECTROCHROMIC APPLICATIONS", Hariprasad V N, SRMIST KTR,INDIA |
| 996 | CP-996 | 777 | "BAND GAP ENGINEERING OF ZNO SPUTTERED THIN FILMS USING NI DOPING", Sachin Pathak, UPES DEHRADUN,INDIA |
| 997 | CP-997 | 778 | "SUPERCAPACITIVE CHARACTERIZATION OF CERIUM DOPED BARIUM OXIDE VIA SILAR", Preeti Raju Shukla, KHOPOLI MUNICIPAL COLLEGE,INDIA |
| 998 | CP-998 | 779 | "ENHANCEMENT OF POWER CONVERSION EFFICIENCY IN MIXED HALIDE TRIPLE CATION PEROVSKITE SOLAR CELL BY CONTROLLED PEROVSKITE CRYSTAL IN OUT OF GLOVE-BOX USING POST VAPOR ANNEALING METHOD", Vijay Srinivasan, THIRU A. GOVINDASAMY GOVERNMENT ARTS COLLEGE,INDIA |

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| 999 | CP-999 | 781 | "SYNTHESIS OF CADMIUM DOPED STRONTIUM OXIDE VIA SILAR FOR SUPERCAPACITOR CHARACTERIZATION", Jyoti Dipak Sindkar, K.M.C COLLEGE, KHOPOLI,INDIA |
| 1000 | CP-1000 | 782 | "BANDGAP TAILORING IN N-DOPED POLYMER NANOMATERIALS AND ITS NON-BIOCIDAL STRATEGIES", Neethu Joseph, CHRIST UNIVERSITY,INDIA |
| 1001 | CP-1001 | 788 | "SYNTHESIS OF NB-CO BINARY METAL OXIDES FOR ASYMMETRIC SUPERCAPACITOR DEVICE", Teli Aviraj, DONGGUK UNIVERSITY SEOUL SOUTH KOREA,KOREA, REPUBLIC OF |
| 1002 | CP-1002 | 789 | "INVESTIGATION ON GROWTH AND CHARACTERIZATION OF PURE AND ZINC SULPHATE DOPED KDP CRYSTALS", S Mathumithra, SRI GVG VISALAKSHI COLLEGE FOR WOMEN UDUMALPET,INDIA |
| 1003 | CP-1003 | 792 | "DIVERSE PROPERTY STUDIES ON GO ADDED MN DOPED FE ₂ O ₃ NANOCOMPOSITE FOR PHOTOCATALYTIC APPLICATION", Sushama Ingale, DR BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,INDIA |
| 1004 | CP-1004 | 794 | "PHOTORESPONSE STUDY OF THE DIP-COATED CU ₂ ZNSNS ₄ THIN FILM", Anilkumar Hirpara, SARDAR PATEL UNIVERSITY,INDIA |
| 1005 | CP-1005 | 798 | "DIVERSE PROPERTY STUDIES ON GO ADDED MN DOPED FE ₂ O ₃ NANOCOMPOSITE FOR PHOTOCATALYTIC APPLICATION", Arati Gadve, DR BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,INDIA |
| 1006 | CP-1006 | 804 | "ULTRASONIC SPRAY DEPOSITED CDS-GO COMPOSITE FILMS FOR SOLAR CELL APPLICATIONS", Rohit Vasant Patil, INSTITUTE OF SCIENCE MUMBAI,INDIA |

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| 1007 | CP-1007 | 818 | "A PHOTOLUMINESCENCE MULTI-EMITTING ORGANIC NON-LINEAR OPTICAL CRYSTAL (E)-2-(((2-(2-HYDROXYETHOXY)ETHYL)IMINO)METHYL)-4-NITROPHENOL: CRYSTAL STRUCTURE, SPECTROSCOPIC AND MOLECULAR DOCKING STUDIES", J. Priyanka, D G GOVERNMENT ARTS COLLEGE FOR WOMEN,INDIA |
| 1008 | CP-1008 | 822 | "STRUCTURE-PROPERTY RELATIONSHIP OF TWO SCHIFF BASED COLORED CRYSTAL POLYMORPHS", B. Krishnapriya, D G GOVERNMENT ARTS COLLEGE FOR WOMEN,INDIA |
| 1009 | CP-1009 | 826 | "ROOM TEMPERATURE & LOW CONCENTRATION AMMONIA GAS SENSING STUDY OF UNDOPED AND COPPER DOPED ZNO THIN FILMS", Shweta Dnyaneshwar Lokhande, DAYANAND SCIENCE COLLEGE LATUR,INDIA |
| 1010 | CP-1010 | 829 | "SYNTHESIS AND CHARACTERIZATION OF ZINC OXIDE NANO PARTICLES VIA SOL-GEL METHOD FOR STUDYING SENSOR PROPERTIES", Jadhav Sandhya, DAYANAND SCIENCE COLLEGE LATUR,INDIA |
| 1011 | CP-1011 | 830 | "SYNTHESIS AND CHARACTERISATION OF TIO2 PHOTOANODE SENSITIZED WITH CDS QUANTUM DOT", Vaishali Suryakant Chandak, DAYANAND SCIENCE COLLEGE, LATUR,INDIA |
| 1012 | CP-1012 | 836 | "ZN IMPREGNATED TIO2 NANOTUBES FOR PHOTOCATALYTIC APPLICATIONS", Priya S.Nair, THINFILM RESEARCH LAB,UC COLLEGE ALUVA,INDIA |
| 1013 | CP-1013 | 838 | "SYNTHESIS AND CHARACTERIZATION OF CUO:AG NPS PREPARED BY CO-PRECIPITATION TECHNIQUE", Chithra B, MES PONNANI COLLEGE,INDIA |

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| 1014 | CP-1014 | 841 | "FUNCTIONALIZED POLY VINYL ALCOHOL CLICK REACTION COMPOSITE BASED POLYMERIZED HIGH INTERNAL PHASE EMULSION SCAFFOLDS FOR BIOMEDICAL APPLICATION", Jesse Miracline Bincy D, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1015 | CP-1015 | 842 | "SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF NEODYMIUM DOPED IN SILICA HOST MATRIX BY SOL GEL METHOD FOR HUMIDITY SENSING", Surender Duhan, DCRUST MURTHAL,INDIA |
| 1016 | CP-1016 | 850 | "PROSPECTS OF COPPER-ION CONDUCTIVE POLYMER ELECTROLYTE BASED ON COPPER (II) TRIFLATE FOR FLEXIBLE MEMRISTIVE DEVICE APPLICATIONS", Farhana Yasmin, NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR,INDIA |
| 1017 | CP-1017 | 860 | "EFFECT OF TUNNELING IN DOUBLE BARRIER NITRATE ALGAN AND GAN HETEROJUNCTION", Jyoti Devidas Patil, SHIV TECHNOLOGY,INDIA |
| 1018 | CP-1018 | 863 | "THE OPTIMIZATION OF ELECTROLYTIC PH FOR SODIUM NIOBATE PHOTOANODE IN PHOTOELECTROCHEMICAL WATER SPLITTING", Bhanupriya, DAYALBAGH EDUCATIONAL INSTITUTE,INDIA |
| 1019 | CP-1019 | 865 | "EFFICIENT PHOTOCATALYTIC DEGRADATION OF CERIUM OXIDE NANOPARTICLES SYNTHESIZED BY ACRYLIC AMIDE ROUTE", Ramanathan, SRI SAI RAM ENGINEERING COLLEGE,INDIA |
| 1020 | CP-1020 | 870 | "THE EVOLUTION OF NANO AND MICRO PORES IN THE FLY ASH-GGBS CEMENT COMPOSITE FOR THERMAL AND ACOUSTIC APPLICATION", Manivannan M, SRM IST,INDIA |

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| 1021 | CP-1021 | 880 | "COMPARISON OF SB2SE3 SOLAR CELLS ON PLAIN AND TEXTURED SUBSTRATES BY COMSOL SIMULATION", Leon Roy, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1022 | CP-1022 | 894 | "ELECTROCHEMICAL CHARACTERIZATION OF AESTHETICALLY ATTRACTIVE COPPER-RICH BRONZE COATINGS IN THE SULFATE AND CHLORIDE ENVIRONMENTS", Vijendra Kumar, INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR,INDIA |
| 1023 | CP-1023 | 900 | "POTENTIAL OF MICROWAVE SYNTHESIZED CO-DOPED CZTS FOR SOLAR CELL APPLICATION", Sonawane Makrand Eknath, B. A. M. UNIVERSITY, AURANGABAD,INDIA |
| 1024 | CP-1024 | 904 | "HYDROTHERMALLY SYNTHESIZED NICKEL-COBALT OXIDE NANOSTRUCTURES ON NICKEL FOAM FOR SUPERCAPACITOR APPLICATION", Reyaz Ahmad, NIT SRINAGAR,INDIA |
| 1025 | CP-1025 | 910 | "EFFECT OF HIGH ENTROPY ALLOY PARTICLE REINFORCED IN ALUMINIUM METAL MATRIX BY VACUUM INDUCTION HOT-PRESS", Lokeswaran R, SRM IST,INDIA |
| 1026 | CP-1026 | 912 | "SINGLE STEP SYNTHESIS AND FABRICATION OF L-CYSTEINE CAPPED CDSE, CDSE/CDS AND CDSE/ZNS FOR POTENTIAL BIOLOGICAL APPLICATIONS", D Sukanya, STELLA MARIS COLLEGE,INDIA |
| 1027 | CP-1027 | 914 | "OPTICAL PROPERTIES OF ZIRCONIUM MOLYBDATE NANOPARTICLES", Nanda Gopan, KS M D B COLLEGE KOLLAM KERALA,INDIA |
| 1028 | CP-1028 | 919 | "INFLUENCE OF PRASEODYMIUM DOPING ON STRUCTURAL AND MAGNETIC PROPERTIES OF NICKEL ZINC FERRITE", Pallavi Baliram Kadam, MES AABASAHEB GARWARE COLLEGE,INDIA |

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| 1029 | CP-1029 | 922 | "MULTIFUNCTIONAL SINGLE PHASE TI50ZN50", Hajeesh Kumar V, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1030 | CP-1030 | 924 | "FABRICATION OF NOVEL NANO INDENTED AU SERS SUBSTRATE FOR BACTERIAL DETECTION", Prasanth P, SRMIST KATTANKULATHUR,INDIA |
| 1031 | CP-1031 | 925 | "EFFECT OF FUNCTIONALIZATION ON THE OPTICAL PROPERTIES OF POLYMER-BASED NANOSTRUCTURE", Aleena Ann Mathew, CHRIST DEEMED TO BE UNIVERSITY BENGALURU,INDIA |
| 1032 | CP-1032 | 926 | "UPCONVERSION EMISSION AND OPTICAL THERMOMETRY THROUGH NON-THERMALLY COUPLED LEVELS OF TM3 ION IN GD2TI2O7:TM3 /YB3 PHOSPHOR", Madan Murari Upadhyay, IIT ISM DHANBAD,INDIA |
| 1033 | CP-1033 | 931 | "ROLE OF VARYING ELECTROLYTES ON PHOTOELECTROCHEMICAL STUDY OF MGFE2O4 THIN FILM", Kumari Ruchi, DAYALBAGH EDUCATIONAL INSTITUTE,INDIA |
| 1034 | CP-1034 | 938 | "INFLUENCE OF ANNEALING TEMPERATURE ON POLYGONAL SHAPED SPINEL CO3O4 NANOPARTICLES FOR THE PHOTOCATALYTIC MINERALIZATION OF METHYL ORANGE IN AQUEOUS MEDIUM", Manoj Pudukudy, SAVEETHA SCHOOL OF ENGINEERING,INDIA |
| 1035 | CP-1035 | 958 | "SILAR SYNTHESIS OF MAGNESIUM DOPED BARIUM OXIDE FOR SUPERCAPACITIVE CHARACTERIZATIONS", Rajendra R Kokane, KMC COLLEGE KHOPOLI,INDIA |
| 1036 | CP-1036 | 961 | "SYNTHESIS AND CHARACTERIZATION OF ZNO NANOMATERIALS FOR SUPERCAPACITIVE STUDIES VIA POLYOL METHOD", Shailesh Ananda Y, K.M.C. COLLEGE, KHOPOLI,INDIA |

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| 1037 | CP-1037 | 963 | "TEMPERATURE DEPENDENCE OF OPTICAL BAND GAP AND REFRACTIVE INDICES IN LINBO ₃ THIN FILMS FROM UV-VISIBLE TRANSMISSION SPECTRA", Anil Tumuluri, SPHOORTHY ENGINEERING COLLEGE,INDIA |
| 1038 | CP-1038 | 990 | "CONDUCTOR-CONDUCTOR INTERFACE FORMATION FOR ENGINEERING NANO-MECHANICAL PROPERTIES OF CARBON NANOCOMPOSITE", Arul Varman Kesavan, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1039 | CP-1039 | 991 | "SYNTHESIS AND CHARACTERIZATION OF MGO NPS DOPED THIN PMMA FILM", Suraj Vishwakarma, MADAN MOHAN MALVIYA UNIVERSITY OF TECHNOLOGY,INDIA |
| 1040 | CP-1040 | 994 | "SYNTHESIS AND CHARACTERIZATION OF SILVER NANOPARTICLES (AG NP'S) AND THEIR FORENSIC APPLICATIONS", Manisha Nivas Chavhan, NOWROJEE WADIA COLLEGE PUNE,INDIA |
| 1041 | CP-1041 | 998 | "EFFECT OF TI DOPING ON THE STRUCTURAL AND OPTICAL PROPERTIES OF ZNO THIN FILMS BY SPIN COATING TECHNIQUE", A. Sakshi Joshi, ETHIRAJ COLLEGE FOR WOMEN,INDIA |
| 1042 | CP-1042 | 1010 | "SOL-GEL SPIN COATED TRANSPARENT SINGLE-TIO ₂ AND SIO ₂ THIN FILM ON GLASS FOR OPTO-ELECTRONIC APPLICATIONS", Sai Sri Pavan, SWARNANDHRA COLLEGE OF ENGINEERING AND TECHNOLOGY,INDIA |
| 1043 | CP-1043 | 1011 | "DEVELOPMENT OF AN EMBEDDED SYSTEM BASED SPIN COATING MACHINE AND THE GROWTH OF MAGNESIUM DOPED ZINC OXIDE THIN FILMS", V Jagadeesan, PSG COLLEGE OF ARTS AND SCIENCE,INDIA |

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| 1044 | CP-1044 | 1014 | "1D STRUCTURED AG DOPED ZNO NANOMATERIAL FOR PHOTOCATALYTIC APPLICATIONS", Dnyaneshwar Vitthal Dake, DEPARTMENT OF PHYSICS DR BAMU AURANGABAD,INDIA |
| 1045 | CP-1045 | 1015 | "STRUCTURAL AND OPTICAL PROPERTIES OF HIGHLY CRYSTALLINE SELF-COMBUSTION SYNTHESIZED CUBIC ZR1-XLAXO2 NANOPARTICLES", Jithin P V, NIRMALAGIRI COLLEGE, KANNUR UNIVERSITY,INDIA |
| 1046 | CP-1046 | 1026 | "EFFECT OF PH ON THE MORPHOLOGY AND ELECTROCHEMICAL PROPERTIES OF MNMOO4 NANOPARTICLES PREPARED BY HYDROTHERMAL METHOD", Prabakaran P, GOVERNMENT POLYTECHNIC COLLEGE,INDIA |
| 1047 | CP-1047 | 1027 | "OBSERVATION OF SUPERPARAMAGNETISM IN ELECTRODEPOSITED FERROMAGNETIC NI-FE-GD THIN FILMS", Suresh, GOVERNMENT,INDIA |
| 1048 | CP-1048 | 1030 | "ROOM TEMPERATURE & LOW CONCENTRATION AMMONIA GAS SENSING STUDY OF UNDOPED AND COPPER DOPED ZNO THIN FILMS ", Shweta Dnyaneshwar Lokhande, DAYANAND SCIENCE COLLEGE LATUR,INDIA |
| 1049 | CP-1049 | 1032 | "SYNTHESIS AND CHARACTERISATION OF TIO2 PHOTOANODE SENSITIZED WITH CDS QUANTUM DOT", Vaishali Suryakant Chandak, DAYANAND SCIENCE COLLEGE, LATUR,INDIA |
| 1050 | CP-1050 | 1037 | "PHOTO CATALYTIC DEGRADATION OF CONGO RED DYE BY CUO THIN FILMS PREPARED USING SPRAY PYROLYSIS TECHNIQUE", Ben Jos, UNION CHRISTIAN COLLEGE, ALUVA,INDIA |
| 1051 | CP-1051 | 1038 | "PREPARATION AND SPECTRAL CHARACTERIZATION OF TIO2MIXED P2O5-CAO-BI2O3 GLASSES", Gunnam Nagarjuna, SRR CVR GOVT DEGREE COLLEGE A |

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| 1052 | CP-1052 | 1039 | "SPECTROSCOPIC PROPERTIES OF HO ₂ O ₃ MIXED SRO-B ₂ O ₃ -AL ₂ O ₃ -P ₂ O ₅ GLASSES", Satyanarayana Talam, LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING,INDIA |
| 1053 | CP-1053 | 1040 | "SOL-GEL SYNTHESIS AND OPTICAL CHARACTERIZATION OF ZN DOPED-TIO ₂ NANOPARTICLES", AJ Naga Sasidhar, SWARNANDHRA COLLEGE OF ENGINEERING AND TECHNOLOGY,INDIA |
| 1054 | CP-1054 | 1048 | "DIVULGING THE EFFECT OF ELECTRON BEAM RAPID THERMAL ANNEALING ON STRUCTURAL, MAGNETIC AND MAGNETOCALORIC PROPERTIES OF SMCO ₃ B ₂ THIN FILMS", Induja S, SRMIST,INDIA |
| 1055 | CP-1055 | 1050 | "PREPARATION OF SB ₂ S ₃ SOLAR ABSORBER THIN FILMS BY SULPHURIZATION OF THERMALLY EVAPORATED ANTIMONY FILMS", Rohini Anandan, SRMIST,INDIA |
| 1056 | CP-1056 | 1069 | "A REVIEW ON ENHANCING THE LUMINESCENCE PROPERTIES OF AQUEOUS SYNTHESIZED INORGANIC CORE SHELL NANOPARTICLES", Vaishnavi B, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1057 | CP-1057 | 1077 | "EXPLORATION OF CUZNS THIN FILMS FOR THE DEVELOPMENT OF LOW-COST SOLAR CELLS ALONG WITH DFT CALCULATIONS", Vishnu Kutwade, DBF DAYANAND ARTS AND SCIENCE COLLEGE SOLAPUR,INDIA |
| 1058 | CP-1058 | 1086 | "ANALYSIS OF XPS SPECTRA OF FE DOPED ZNTE NANO-RODS SYNTHESIZED BY SOL-GEL TECHNIQUE", Meera R Gumaste, DAYANANDASGAR COLLEGE OF ENGINEERING,INDIA |

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| 1059 | CP-1059 | 1096 | "INFLUENCE OF REACTION TIME ON TiO ₂ NANOCORAL SPHERICAL FILM DIRECT HYDROTHERMAL GROWTH ON CONDUCTING SUBSTRATES PERFORMANCE IN DYE SENSITIZED SOLAR CELL.", Naveen Kumar N, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1060 | CP-1060 | 1101 | "INVESTIGATION OF SPIN-COATED SOLUTION PROCESSED Fe ₂ -xCu _x O ₃ THIN FILMS AS ACTIVE LAYER IN RESISTIVE RANDOM-ACCESS MEMORY APPLICATION", Susikumar Thangarasu, SRMIST,INDIA |
| 1061 | CP-1061 | 1104 | "INVESTIGATION ON THE STABILITY OF CESIUM AND STRONTIUM INDUCED FORMAMIDINIUM LEAD TRIODIDE THIN FILM", Arunodaya J, SRM IST,INDIA |
| 1062 | CP-1062 | 1107 | "MICROWAVE INDUCED PHASE TRANSITION OF STRONTIUM MANGANESE PEROVSKITE OXIDE: AN ACTIVE ELECTRO-CATALYST FOR OXYGEN REDUCTION AND OXYGEN EVOLUTION REACTIONS", Carolin Mercy E, SRM IST,INDIA |
| 1063 | CP-1063 | 1109 | "SYNTHESIS AND CHARACTERIZATION OF NI-DOPED BISMUTH TUNGSTATE NANOSTRUCTURES", Shanthi S, SRMIST,INDIA |
| 1064 | CP-1064 | 1121 | "LOW TEMPERATURE-ASSISTED PHASE TRANSITIONS IN THERMALLY EVAPORATED Cu ₂ Se/ Ga ₃ Se ₂ /In ₃ Se ₂ MULTILAYER THIN FILM STRUCTURE: RAMAN SIGNATURES OF A PRISTINE CHALCOPYRITE CuIn _x Ga _{1-x} Se ₂ STRUCTURE", Issac Nelson, KARUNYA UNIVERSITY,INDIA |
| 1065 | CP-1065 | 1144 | "SYNERGISTIC EFFECT OF ENERGY FILTERING, MODULATION DOPING AND BOUNDARY SCATTERING OF MULTIPHASE Cu-Sb-Bi-S SYSTEM FOR ENHANCED THERMOELECTRIC PERFORMANCE", T Manimozhi, SIMATS,INDIA |

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| 1066 | CP-1066 | 1154 | "CONVERT BINARY SENSE TO TERNARY SENSE TO IMPROVE THE OPTICAL AND ELECTRICAL PROPERTIES OF TIN CHALCOGENIDE THIN FILM", Prosenjit Sarkar, GURUKULA KANGRI DEEMED TO BE UNIVERSITY,INDIA |
| 1067 | CP-1067 | 1155 | "INVESTIGATION OF OPTOELECTRONIC PROPERTIES OF POST ANNEALED CDSE THIN FILMS ON SI P-TYPE SUBSTRATES DEPOSITED BY PULSED LASER DEPOSITION TECHNIQUE", Devendra Kumar, GURUKUL KANGRI DEEMED TO BE UNIVERSITY HARIDWAR,INDIA |
| 1068 | CP-1068 | 1156 | "NOVEL, FREESTANDING 2D BIMETALLIC NI-MO HYDROXIDE AS AN EFFICIENT ELECTRODE MATERIAL FOR CHARGE STORAGE DEVICES AND OER", Sayali Ashok Patil, MS. SAYALI PATIL,INDIA |
| 1069 | CP-1069 | 1165 | "TEMPERATURE DEPENDENT STRUCTURAL AND OPTICAL CHARACTERISTICS OF SB DOPED SNO ₂ ", Towseef Ahmad Sheergojri, NIT SRINAGAR JAMMU AND KASHMIR,INDIA |
| 1070 | CP-1070 | 1175 | "POLY(VINYLDENE FLUORIDE)-FERRITE COMPOSITE PYROELECTRIC FLEXIBLE FILMS", Bhiogade Achal Arvind, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1071 | CP-1071 | 1176 | "EXPLORATION OF THIOACETAMIDE MOLAR CONCENTRATION ON THE PHYSICAL PROPERTIES OF TIN SULFIDE THIN FILMS DEPOSITED BY CHEMICAL BATH DEPOSITION", Deepti jain, SHREE KUND KUND JAIN DEGREE COLLEGEKHATAULI UP,INDIA |
| 1072 | CP-1072 | 1178 | "INVESTIGATION ON THE INFLUENCE OF ENDOCRINE DISRUPTING CHEMICALS ON COLLAGEN THIN FILMS", Divya Sangeetha R, UNIVERSITY OF MADRAS,INDIA |
| 1073 | CP-1073 | 1198 | "TEMPERATURE DEPENDENCE OF THE THIRD ORDER NON-LINEAR OPTICAL SUSCEPTIBILITY OF CO, NI, AND FE DOPED ZNO", Selva Boopalan A, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |

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| 1074 | CP-1074 | 1199 | "SYNTHESIS, DIELECTRIC AND ELECTRICAL ANALYSIS OF POTASSIUM SODIUM NIOBATE (K _{0.5} NA _{0.5} NBO ₃) LEAD FREE CERAMIC", Pooja, DCRUST,MURTHAL,INDIA |
| 1075 | CP-1075 | 1207 | "STRUCTURAL, OPTICAL AND IN VITRO STUDY OF PHOSPHORATE GLASS", Rajesh Rohilla, DEPARTMENT OF PHYSICS, DCRUST MURTHAL INDIA,INDIA |
| 1076 | CP-1076 | 1213 | "SAMARIUM DOPED YTTRIUM ALUMINIUM GARNET LUMINESCENT NANOFIBERS VIA ELECTROSPINNING FOR SMART APPLICATIONS", Khushbu Ashokkumar Rathi, DEPARTMENT OF PHYSICS RTMNU NAGPUR,INDIA |
| 1077 | CP-1077 | 1236 | "SYNTHESIS OF HIGH ASPECT-RATIO ZNO NANOWIRES BY MODIFIED HYDROTHERMAL TECHNIQUE FOR ROOM TEMPERATURE ETHANOL DETECTION", Saswat Pattnaik, IIM VISAKHAPATNAM,INDIA |
| 1078 | CP-1078 | 1238 | "INTERFACIAL ENGINEERING 1D Bi ₂ S ₃ STRUCTURES ACTS AS AN EFFICIENT FIELD EMITTER", Sambhaji Warule, MES NOWROSJEE WADIA COLLEGE,INDIA |
| 1079 | CP-1079 | 1243 | "SYNTHESIS AND PROPERTIES OF ALUMINUM DOPED CERIUM OXIDE NANOPARTICLES", Jyoti Sharma, AMITY UNIVERSITY,INDIA |
| 1080 | CP-1080 | 1248 | "STUDY OF STRUCTURAL, OPTICAL AND MAGNETIC PROPERTIES OF COBALT DOPED ZNO", Deepika. S, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1081 | CP-1081 | 1252 | "PHOTOLUMINESCENCE STUDIES OF FAR-RED EMITTING DOUBLE PEROVSKITE NANOPHOSPHOR", Naresh Degda, THE M S UNIVERSITY OF BARODA VADODARA,INDIA |
| 1082 | CP-1082 | 1256 | "BIMETALLIC COXNi _{1-x} HYDROXIDE NANOSHEETS FOR CHARGE STORAGE APPLICATION", Pallavi B Jagdale, CNMS JAIN UNIVERSITY BANGALORE,INDIA |

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| 1083 | CP-1083 | 1257 | "ION IMPLANTATION INDUCED STRUCTURAL AND MAGNETIC MODIFICATIONS OF COFEB/SMCO5 BILAYER THIN FILMS", Sambhunath Bera, BML MUNJAL UNIVERSITY,INDIA |
| 1084 | CP-1084 | 1267 | "CEO2 HOLLOWSPHERE BASED ROOM TEMPERATURE AMMONIA SENSOR", Rinku Paul, CSIR CMERI,INDIA |
| 1085 | CP-1085 | 1274 | "SYNTHESIS AND OPTICAL PROPERTIES OF COBALT DOPED ZINC OXIDE NANOPARTICLES AND NANORODS.", Ab Mateen Tantray, IUST AWANTIPORA PULWAMA,INDIA |
| 1086 | CP-1086 | 1276 | "ELECTRICAL AND ELECTROCHROMIC STUDIES ON TUNGSTEN TRIOXIDE THIN FILMS ", Bujji Babu Mattupallii, VFSTR DEEMED TO BE UNIVERSITY,INDIA |
| 1087 | CP-1087 | 1280 | "PREPARATION AND ELECTROCHEMICAL STUDY OF 1D COBALT PYROPHOSPHATE POROUS NANOFIBERS AS A POSITIVE ELECTRODE MATERIAL FOR ASYMMETRIC SUPERCAPACITOR", Nutan Vasanta Mangate, VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY,INDIA |
| 1088 | CP-1088 | 1284 | "ENCHANCING OF NONLINEAR PARAMETERS IN 2A5CP SINGLE CRYSTAL BY THE ADDITIVES, IN THE FIELD OF PHOTONICS APPLICATIONS.", T Jayanalina, NANDHA ENGINEERING COLLEGE,INDIA |
| 1089 | CP-1089 | 1291 | "SYNTHESIS OF HEXAGONAL NI(OH)2 NANOSHEETS AS SOLID REDOX MEDIATOR FOR DECOUPLED ELECTROLYZERS", Rajalekshmi S, CSIR CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE,INDIA |
| 1090 | CP-1090 | 1292 | "SPONTANEOUSLY GENERATED COHERENCE IN A THREE-LEVEL V-TYPE MULTIPLE QUANTUM WELL NANOSTRUCTURES", Rohit Hazra, NORTH POINT SENIOR SECONDARY BOARDING SCHOOL,INDIA |

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| 1091 | CP-1091 | 1294 | "STUDY OF ISOTHERMAL OXIDATION AND THERMAL CYCLING ON TAILORED MICROSTRUCTURE OF EB-PVD YSZ TOP COAT FOR TBCS", Anandh Jesuraj S, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1092 | CP-1092 | 1298 | "A STUDY OF AN ELECTRICAL BEHAVIOR OF METAL OXIDES AT HIGH TEMPERATURE AIDED WITH IMPEDANCE SPECTROSCOPY.", Gobi Saravanan K, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1093 | CP-1093 | 1300 | "RAMAN FEATURES OF GAS-PHASE-GROWN WS2 MONOLAYER FLAKES: INFLUENCE OF PRECURSOR MOLAR FLOW RATE ON QUALITY", Kalaiarasan Meganathan, SRM INSISTUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1094 | CP-1094 | 1321 | "THEORETICAL AND EXPERIMENTAL INVESTIGATION OF CU DOPED COBAL DISELENIDE", Stuti Devendra Upadhyay, P D PATEL INSTITUTE OF APPLIED SCIENCES,INDIA |
| 1095 | CP-1095 | 1323 | "ENHANCED SENSITIVITY OF WO3 THROUGH AG-INCORPORATION TOWARDS HYDROGEN GAS SENSORS", Ramya Barathy T, CENTRAL UNIVERSITY OF TAMILNADU,INDIA |
| 1096 | CP-1096 | 1331 | "IMPROVEMENT IN DEVICE PERFORMANCE OF COPPER SULFIDE (CUS) NANOPARTICLES SYNTHESIZED BY HYDROTHERMAL METHOD OVER THE CO-PRECIPITATION METHOD", Mainak Das, JADAVPUR UNIVERSITY,INDIA |
| 1097 | CP-1097 | 1332 | "ANALYSIS OF MULTI-LAYER TI/TIO2 PHOTO ANODE FOR THE APPLICATION IN DYE SENSITIZED SOLAR CELLS", R Jeba Beula, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES,INDIA |

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| 1098 | CP-1098 | 1337 | "FABRICATION OF Ti3C2Tx/WSe2 FUNCTIONALIZED PHOTODETECTOR USING HANDPRINT TECHNIQUE", Patel Rahulkumar, CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY,INDIA |
| 1099 | CP-1099 | 1338 | "EFFECT OF LOW ENERGY ION IRRADIATION ON MONOLAYER MOLYBDENUM DISULFIDE (MOS2) LAYERS", Harish Nanda Arunachalam, SRM INSTITUTE OF TECHNOLOGY,INDIA |
| 1100 | CP-1100 | 1341 | "ENHANCING THERMOELECTRIC PERFORMANCE OF MOS2/CUS COMPOSITES THROUGH NANO STRUCTURE ENGINEERING", M Arockia Jenisha, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1101 | CP-1101 | 1342 | "MODULATION OF THE ELECTRICAL BEHAVIOR OF RF SPUTTERED Ta2O5 THIN FILMS WITH VARYING THE SPUTTERING PARAMETER", Kiran Kumar Sahoo, NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA,INDIA |
| 1102 | CP-1102 | 1343 | "NANOSTRUCTURED SUPERHYDROPHOBIC COATING ON MACRO-SCALE SHIP SURFACE FOR EFFECTIVE DRAG-REDUCING EFFECT", Karthikeyan Krishnamoorthy, VELLORE INSTITUTE OF TECHNOLOGY VELLORE,INDIA |
| 1103 | CP-1103 | 1345 | "KEERTHANA VEDHANTHAM, KARTHIKEYAN RAMALINGAM ELECTRO-CATALYSTS AND PHOTOCATALYSTS ARE SUBSTANCES THAT A", Keerthana V, BSA CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1104 | CP-1104 | 1359 | "SYNTHESIS AND CHARACTERIZATION OF CARBON DOPED KNBO3 NANOMATERIAL FOR PHOTOCATALYTIC APPLICATION", Leena B, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |

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| 1105 | CP-1105 | 1380 | "UNDERSTANDING THE MORPHOLOGICAL-DEPENDENT OPTICAL BEHAVIOR OF MOS ₂ ", Krishna Moorthy P, SRM IST,INDIA |
| 1106 | CP-1106 | 1400 | "STUDY OF VISCOELASTIC PROPERTY OF POLYMER", Desigan R, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1107 | CP-1107 | 1412 | "FEW LAYER GRAPHENE ON RF SPUTTERED MOLYBDENUM THIN FILMS ON SIO ₂ /SI", Navanya Raveendran, SRMIST KTR,INDIA |
| 1108 | CP-1108 | 1415 | "STUDIES OF AL: ZNO ULTRA THIN FILMS: INTROSPECTION TO RESISTIVITY WITH THICKNESS", Madhavi P, SPHOORTHY ENGINEERING COLLEGE,INDIA |
| 1109 | CP-1109 | 1417 | "GRAIN AND GRAIN BOUNDARY INFLUENCED RELAXATION MECHANISM OF NANOCRYSTALLINE NIFE _{1.8} RO _{2.04} [R= LA, GD, HO]", Ankurava Sinha, PG DEPARTMENT OF PHYSICS MAGADH UNIVERSITY,INDIA |
| 1110 | CP-1110 | 1418 | "STRUCTURAL AND DIELECTRIC STUDY OF BATIO ₃ -COFE ₂ O ₄ COMPOSITES", Ashima, DEENABANDHU CHHOTU RAM UNIVERSITY OF SCIENCE , MUR,INDIA |
| 1111 | CP-1111 | 1421 | "SYNTHESIS AND CHARACTERIZATION OF SILVER INCORPORATED GREEN COMPOSITE POLYURETHANE", MENHA C, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 1112 | CP-1112 | 1429 | "NANOSCALE RESISTIVE SWITCHING IN FUNCTIONALIZED MOS ₂ NANOSHEETS FOR NEXT GENERATION NEUROMORPHIC COMPUTING APPLICATIONS", Ashish Kumar, INSTITUTE OF PHYSICS,INDIA |
| 1113 | CP-1113 | 1430 | "TUNABLE PHYSICO-CHEMICAL PROPERTIES OF WO ₃ THIN FILMS PREPARED BY VARYING ANGLE OF DEPOSITION", Alapan Dutta, INSTITUTE OF PHYSICS,INDIA |

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| 1114 | CP-1114 | 1438 | "HIERARCHICAL MOS ₂ -SNS ₂ NANOSTRUCTURE FOR PHOTODETECTOR APPLICATIONS", K Silambarasan, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1115 | CP-1115 | 1442 | "SYNTHESIS AND CHARACTERIZATION OF SILVER INCORPORATED GREEN COMPOSITE POLYURETHANE", Niticksha Shre A, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 1116 | CP-1116 | 1444 | "NOVEL BLUISH VIOLET-EMITTING TETRAGONAL-TUNGSTON BRONZE FERROELECTRIC BA ₄ BI ₂ FE ₂ NB ₈ O ₃₀ : THE STRUCTURAL, OPTICAL AND CHARACTERISTIC PHOTOLUMINESCENCE STUDY", Shubha Dubey, BARKATULLAH UNIVERSITY BHOPAL,INDIA |
| 1117 | CP-1117 | 1445 | "PHOTOELECTRON EMISSION SPECTROSCOPY OF EU DOPED ZNO THIN FILMS", Shashikant Shinde, MESS NOWROSJEE WADIA COLLEGE,INDIA |
| 1118 | CP-1118 | 1467 | "ROLE OF MACHINE LEARNING IN SEMICONDUCTOR INDUSTRY: PLENTY OF ROOM AT THE BOTTOM", Tejaswi, SPHOORTHY ENGINEERING COLLEGE,INDIA |
| 1119 | CP-1119 | 1484 | "SYNTHESIS AND CHARACTERIZATION OF HEXAGONAL NANO-ZNO WURTZITE STRUCTURE AND PR, AL CO-DOPED ZNO NANOPARTICLE USING SOFT CHEMICAL METHOD", Viswaksenan M S, STJOSEPHS COLLEGE,INDIA |
| 1120 | CP-1120 | 1545 | "SURFACE AND CHARGE TRANSFER ANALYSIS OF WO ₃ /ZNO BILAYER FILM FOR SOLAR CELL APPLICATIONS", Vibavakumar S, SRM IST,INDIA |
| 1121 | CP-1121 | 1574 | "THE INFLUENCE OF SMART NANOMATERIALS ON ADVANCE COMMUNICATION TECHNOLOGIES", Shambhavi Katyayan Mishra, JAYOTI VIDYAPEETH WOMENS UNIVERSITY JAIPUR,INDIA |

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| 1122 | CP-1122 | 1611 | "SOLVOTHERMAL SYNTHESIS OF ZNS QDS FOR EFFICIENT LIGHT EXTRACTION AND CAPACITIVE APPLICATIONS", Shakti Prasad Mishra, BERHAMPUR UNIVERSITY, ODISHA,INDIA |
| 1123 | CP-1123 | 1621 | "PI-MNO ₂ DECORATED POLY-THIOPHENE-3-ACETIC ACID - CARBON FIBER PAPER FOR THE SYNTHESIS OF 2-FORMYL-THIOPHENE", Roopa Margaret Rodrigues, CHRIST DEEMED TO BE UNIVERSITY,INDIA |
| 1124 | CP-1124 | 1698 | "ELECTROCHEMICAL SYNTHESIS OF MOF-PTAA COMPOSITE AS NOVEL ELECTRODE MATERIAL FOR THE SIMULTANEOUS DETERMINATION OF CATECHOL AND RESORCINOL", Sandra Jose, CHRIST UNIVERSITY,INDIA |
| 1125 | CP-1125 | 1699 | "REDUCTION OF GRAPHENE OXIDE THROUGH MICROWAVE ASSISTED HYDROTHERMAL METHOD", Anagha Joby, CHRIST UNIVERSITY,INDIA |
| 1126 | CP-1126 | 1701 | "STUDY OF AL: ZNO ULTRA THIN FILMS: INTROSPECTION TO RESISTIVITY WITH THICKNESS", P. Gayathri Pavani, SPHOORHY ENGINEERING COLLEGE,INDIA |
| 1127 | CP-1127 | 1707 | "EXTRACTION AND PREPARATION OF SiO ₂ NANOPARTICLES FROM AGRICULTURAL WASTES AND THEIR CHARACTERIZATION STUDIES.", Kavi Sandhiya A, KUMARAGURU COLLEGE OF TECHNOLOGY,INDIA |
| 1128 | CP-1128 | 1709 | "CHARACTERISTICS OF BRUSH ELECTRODEPOSITED CUINGATE ₂ THIN FILMS", S Mageswari, VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN,INDIA |
| 1129 | CP-1129 | 1710 | "SMART CONDUCTING PVA-NICKEL NANO-COMPOSITE THIN FILM PATCH FOR WEARABLE THERMAL IMAGING", Kavitha SG, IIITDM KANCHEEPURAM,INDIA |

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| 1130 | CP-1130 | 1715 | "SYNTHESIS AND CHARACTERIZATION OF COMPOSITE HYDROXYAPATITE FOR HARD TISSUE IMPLANTS.", Anuradha Mahanty, BIRLA INSTITUTE OF TECHNOLOGY MESRA,INDIA |
| 1131 | CP-1131 | 1718 | "EFFECT OF ANNEALING TEMPERATURE ON PHOTOPHYSICAL PROPERTIES OF UNDOPED AND MN-DOPED CS ₂ AGINCL ₆ NANOCRYSTAL THIN FILMS", Lavadiya Sireesha, INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD,INDIA |
| 1132 | CP-1132 | 1723 | "HEAVY METAL ION SENSOR ACTIVITY OF HYDROTHERMALLY SYNTHESIZED MOO ₃ NANOSTRUCTURES", Pundlik Nanasaheb Gadekar, SAVITRIBAI PHULE PUNE UNIVERSITY,INDIA |
| 1133 | CP-1133 | 1752 | "TUNING THE ELECTRICAL AND ROOM-TEMPERATURE GAS SENSING PROPERTIES OF TRANSPARENT ZNO THIN FILMS THROUGH MO DOPING", Anju Thomas, VELLORE INSTITUTE OF TECHNOLOGY,INDIA |
| 1134 | CP-1134 | 1790 | "HIGHLY SELECTIVE DIMETHYLFORMAMIDE ADSORPTION ON PHTHALOCYANINE FUNCTIONALIZED GRAPHENE FILMS", David C, SRM IST KTR,INDIA |
| 1135 | CP-1135 | 1791 | "DOPED NIO AS HOLE TRANSPORTING LAYER IN PEROVSKITE SOLAR CELLS A REVIEW", P Vengatesh, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1136 | CP-1136 | 1809 | "SYNTHESIS AND CHARACTERIZATION OF MGO NPS DOPED THIN PMMA FILM", Suraj Vishwakarma, MADAN MOHAN MALVIYA UNIVERSITY OF TECHNOLOGY,INDIA |
| 1137 | CP-1137 | 1833 | "INFLUENCE OF MOLYBDENUM IONS IN CUINS ₂ THIN FILMS", Suba Viveka, NMSSVN COLLEGE,INDIA |

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| 1138 | CP-1138 | 1846 | "SYNTHESIS AND CHARACTERIZATION OF TEXTILE BASED FLEXIBLE ENERGY HARVESTER", K Vivek Sai, IIITDM, KANCHEEPURAM,INDIA |
| 1139 | CP-1139 | 1865 | "HYDROTHERMAL SYNTHESIS OF MNCO ₂ O ₄ NANOPARTICLES FOR ELECTROCHEMICAL ENERGY STORAGE APPLICATION", Prashant Sanjay Auti, SAVITRIBAI PHULE PUNE UNIVERSITY,INDIA |
| 1140 | CP-1140 | 1877 | "TEMPERATURE DEPENDENT CURRENT-VOLTAGE CHARACTERISTICS OF CARBON-SILVER HYBRID ELECTRODE FOR OPTOELECTRONICS APPLICATIONS", Balaji M, SRMIST,INDIA |
| 1141 | CP-1141 | 1914 | "CHARACTERIZATION OF BORON AND FLUORINE DOPED ZINC OXIDE THIN FILMS PREPARED BY SIMPLIFIED SPRAY PYROLYSIS TECHNIQUE", H Sonia Judith, THIRUVALLUVAR GOVERNMENT ARTS COLLEGE,INDIA |
| 1142 | CP-1142 | 1949 | "DEVELOPMENT OF COPPER-BASED MOF MODIFIED IMMUNOSENSOR FOR DISEASE SPECIFIC BIOMARKER", Kalpana, NORTHCAP UNIVERSITY,INDIA |
| 1143 | CP-1143 | 1978 | "DEVELOPMENT OF MULTIFUNCTIONAL BIOPLASTIC FOOD PACKAGING MATERIAL", Vyshnavi K, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 1144 | CP-1144 | 2005 | "EFFECT OF NANO FLIM OF TRISODIUM CITRATE-ZN ₂ SYSTEM IN INHIBITION OF CORROSION ON CARBON STEEL IN SEA WATER", Suryameena Velmanirajan, MAHARISHI ATMAGNANI SANTHANANI TRUST,INDIA |
| 1145 | CP-1145 | 2029 | "ENHANCEMENT OF RHODAMINE-B DYE DEGRADATION WITH VISIBLE-LIGHT-INDUCED FENTON REACTION BY MOOIHOEKITE NANOPARTICLES", Vishnu Narayanan V, AMRITA VISHWA VIDYAPEETHAM COIMBATORE,INDIA |

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| 1146 | CP-1146 | 2059 | "INFLUENCE OF TTIP PRECURSOR MOLARITY ON THE PROPERTIES OF SOL GEL TiO ₂ NANOPARTICLES", Swathi K S, MANGALORE UNIVERSITY,INDIA |
| 1147 | CP-1147 | 2118 | "FABRICATION OF SPUTTER COATED CU IMPREGNATED TAO-NBO COMPOSITE: A SOLAR DRIVEN PHOTOCATALYST FOR ENVIRONMENTAL APPLICATION", Thanka Rajan S, INDIAN INSTITUTE OF TECHNOLOGY,INDIA |
| 1148 | CP-1148 | 2219 | "A NOVAL STUDY TO FIND THERMAL CONDUCTIVITY OF (60%-40%) WATER-ETHYLENE GLYCOL NANOFLUIDS", Jyoti Gupta, MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY,INDIA |
| 1149 | CP-1149 | 2232 | "VIBRATIONAL AND LUMINESCENCE STUDIES OF EU ₃ DOPED ZRO ₂ NANOPARTICLES FOR DISPLAY AND TEMPERATURE SENSING APPLICATIONS", Ishant Kumar, NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR HP,INDIA |
| 1150 | CP-1150 | 2239 | "DESIGN AND DEVELOPMENT OF PEPTIDE BASED SELF-ASSEMBLED SUPRAMOLECULAR HYDROGEL TO PREVENT BIOFILM FORMATION", Pasupuleti Ravi Kumar, CHEMISTRY,INDIA |
| 1151 | CP-1151 | 2259 | "THEORETICAL MODELING OF COPPER SULVANITE CU ₃ TATE ₄ [100] SURFACE: ELECTRONIC AND MAGNETIC PROPERTIES", Bernard Lalroliana, MIZORAM UNIVERSITY,INDIA |
| 1152 | CP-1152 | 2263 | "SOLVOTHERMAL SYNTHESIS OF A FE ₂ O ₃ CARBONACEOUS NANOSTRUCTURES WITH HIGH POROSITY", Sajeev D, GOVERNMENT COLLEGE KARIAVATTOM,INDIA |
| 1153 | CP-1153 | 2268 | "SYNTHESIS AND CHARACTERIZATION OF SNS TO STUDY QUANTUM CONFINEMENT AND APPLICATION TOWARD SOLAR CELL", Narendra Bandaru, IIT MADRAS,INDIA |

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| 1154 | CP-1154 | 2300 | "SYNTHESIS AND DIELECTRIC CHARACTERISTICS OF ZNO AND CUO-ZNO HETEROSTRUCTURES", Mahendra K, REVA UNIVERSITY,INDIA |
| 1155 | CP-1155 | 2310 | "HARD-BAKED SU8 NEGATIVE PHOTORESIST AS A PROTECTIVE COATING FOR SILVER AGAINST TARNISHING", R Jagadish, SRM IST,INDIA |
| 1156 | CP-1156 | 2329 | "NI-MOO3 AS A LOW-COST COUNTER-ELECTRODE MATERIAL FOR DYE-SENSITIZED SOLAR CELLS", Monison J, SRM IST,INDIA |
| 1157 | CP-1157 | 2331 | "CO-MOO3 AS A LOW-COST COUNTER-ELECTRODE MATERIAL FOR DYE-SENSITIZED SOLAR CELL", Madhivadhani M, SRM IST,INDIA |
| 1158 | CP-1158 | 2367 | "RECENT ADVANCES IN PHOTOCATALYSIS USING MOS2/ZNO NANO THIN FILMS: A REVIEW", Mahadevan Muthukrishnan, SRI VENKATESWARA COLLEGE OF ENGINEERING,INDIA |
| 1159 | CP-1159 | 2368 | "EFFECTS OF SOLANUM TORVUM LEAF EXTRACT IN THE SOLUTION OF CUSO4-STRUCTURAL REDUCTION PHENOMENA", T.Udhaya Aswathi, SARAH TUCKER COLLEGE,INDIA |
| 1160 | CP-1160 | 2370 | "ENHANCEMENT OF CONDUCTIVITY BY DOPING OF ZNO NANOFILLERS IN PLASTICIZED (PEO PEMA NAI04) POLYMER ELECTROLYTES ", U Sasikala, VEMU INSTITUTE OF TECHNOLOGY,INDIA |
| 1161 | CP-1161 | 2375 | "SYNTHESIS OF COBALT DOPING NICKEL FERRITE (NIFE2O4) BY SIMPLE CO PRECIPITATION METHOD USING IN SUPERCAPACITOR APPLICATION", Amirthavalli R, HINDUSTHAN COLLEGE OF ARTS AND SCIENCE,INDIA |
| 1162 | CP-1162 | 2388 | "PULSED LASER DEPOSITED MOLYBDENUM OXIDE THIN FILMS ", Shailja Tiwari, MAHILA ENGINEERING COLLEGE AJMER,INDIA |

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| 1163 | CP-1163 | 2397 | "RECENT ADVANCES IN PHOTOCATALYSIS USING THIN FILM DEPOSITION: A REVIEW", Mahadevan Muthukrishnan, SRI VENKATESWARA COLLEGE OF ENGINEERING,INDIA |
| 1164 | CP-1164 | 2402 | "SYNTHESIS AND CHARACTERIZATION OF BIOGENIC NANO SILICA FROM THYSANOLAENA LOTIFOLIA (BROOM GRASS) ", Elangovan N, A M JAIN COLLEGE,INDIA |
| 1165 | CP-1165 | 2414 | "SYNTHESIS AND ANALYSIS OF NANOFUID AS CUTTING FLUID IN LATHE", Natarajan P, MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY,INDIA |
| 1166 | CP-1166 | 2418 | "IN DOPED COLLOIDAL ZNS QUANTUM DOTS ", Nayana I Sattigeri, DAVANGERE UNIVERSITY,INDIA |
| 1167 | CP-1167 | 2419 | "DIRECTION CONTROLLED GROWTH OF CERIUM OXALATE MICROCRYSTALS AND ITS CONVERSION TO NANOCRYSTALS", Nagaveni G H, DAVANGERE UNIVERSITY,INDIA |
| 1168 | CP-1168 | 2420 | "FABRICATION OF WOUND DRESSING SCAFFOLD USING SPHAGNUM MOSS WITH MICROBIAL ACTIVITY", Kanish Lakshitha S V, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 1169 | CP-1169 | 2441 | "DESIGN OF A HALIDE BASED ABSORBER LAYER THIN FILM SOLAR CELL BY 1D-SCAPS NUMERICAL SIMULATION.", Deepmala, MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY GORA,INDIA |
| 1170 | CP-1170 | 2444 | "STUDY OF OPTICAL AND SURFACE PROPERTIES OF TIO ₂ THIN FILMS IRRADIATED BY SWIFT HEAVY IONS", Pooja Karma, SCHOOL OF INSTRUMENTATION DAVV INDORE,INDIA |

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| 1171 | CP-1171 | 2481 | "STUDIES ON THE EFFECT OF AMINE FUNCTIONALISED NANO GRAPHENE ON THE MECHANICAL PROPERTIES, THERMAL STABILITY AND DYNAMIC MECHANICAL CHARACTERISTICS OF EPDM RUBBER ", Ganeshkumar S, PUDUCHERRY TECHNOLOGICAL UNIVERSITY,INDIA |
| 1172 | CP-1172 | 2496 | "STUDY OF MECHANICAL PROPERTIES OF AA6061 WITH BORON CARBIDE AND RICE HUSK ASH HYBRID COMPOSITES", Karthe Manivannan, M.KUMARASAMY COLLEGE OF ENGINEERING,INDIA |
| 1173 | CP-1173 | 2549 | "CUO THIN FILM DEPOSITED ON MGO SUBSTRATE AT DIFFERENT TEMPERATURE BY AURORA PULSED LASER DEPOSITION (PLD) METHOD", K. Gunasekaran, SHIZUOKA UNIVERSITY,,Japan |
| 1174 | CP-1174 | 186 | "TWIN FUNCTION OF WS2D MATERIAL IN PEROVSKITE PHOTOVOLTAICS ", Mohammedali A, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY KATTANKULT,INDIA |
| 1175 | CP-1175 | 201 | "FABRICATION OF PEROVSKITE SOLAR CELLS FOR SOLAR ENERGY HARVESTING", Shaista Yousuf, NIT SRINAGAR,INDIA |
| 1176 | CP-1176 | 314 | "BISMUTH BASED ALL INORGANIC LEAD-FREE HALIDE DOUBLE-PEROVSKITE (ELPASOLITE) COLLOIDAL NANOCRYSTALS (NCS) (CS2AGBIBR(6-X)IX)FOR PHOTOVOLTAICS APPLICATION", Mohammad Salman Khan, JAMIA MILLIA ISLAMIA,INDIA |
| 1177 | CP-1177 | 1001 | "IMPACT OF CATIONIC (TA) SUBSTITUTION IN SN1-XS2 BASED COUNTER ELECTRODE FOR PT-FREE DYE-SENSITIZED SOLAR CELL ", J Raveena, SRM IST,INDIA |
| 1178 | CP-1178 | 1055 | "HIGH PERFORMANCE AND STABLE 2D HTL ALTERNATE FOR SPIRO-OMETAD FOR PEROVSKITE PHOTOVOLTAICS", Chandrasekar Karuppaiah, SRM INSTITUTE SCIENCE AND TECHNOLOGY,INDIA |

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| 1179 | CP-1179 | 1477 | "BOOSTING SOLAR EFFICIENCY WITH NANOFUID COOLING TECHNOLOGY", Ashwin Sidharth N, SRM IST KTR CAMPUS,INDIA |
| 1180 | CP-1180 | 1524 | "IMPROVING THE PHOTOVOLTAIC PERFORMANCE OF YTTRIUM AND LANTHANUM DOPED BASNO ₃ PEROVSKITE MATERIAL FOR DSSC APPLICATION", Gokulnaath M, SRM IST,INDIA |
| 1181 | CP-1181 | 1642 | "FACET ENGINEERED NANOCRYSTALLINE TiO ₂ PHOTOELECTRODE FOR DYE SENSITIZED SOLAR CELLS", Lakshmi Srinivasan, INTER UNIVERSITY CENTRE FOR NANOMATERIALS DEVICES,INDIA |
| 1182 | CP-1182 | 1644 | "EFFECT OF STRAIN AND MASS FIELD FLUCTUATION IN THERMAL TRANSPORT PROPERTIES OF Bi ₂ -XPRXO ₂ SE (0 ≤ X ≤ 0.15)", R Amuthan, SRM IST KATTANKULATHUR,INDIA |
| 1183 | CP-1183 | 1742 | "NUMERICAL ANALYSIS FOR THERMAL STABILITY EVALUATION OF PEROVSKITE SOLAR CELL USING SCAPS-1D", Vinitha B .Elza, GOVERNMENT ENGINEERING COLLEGE BARTON HILL TVM,INDIA |
| 1184 | CP-1184 | 1811 | "DESIGN AND STUDY OF COMBINING ENERGY HARVESTING SYSTEM BASED ON PHOTOVOLTAIC AND THERMOELECTRIC GENERATORS", V Parkavi, IITDM KANCHEEPURAM,INDIA |
| 1185 | CP-1185 | 1886 | "IMPROVED THERMOELECTRIC PERFORMANCE OF Cu ₂ -XS/SNSE NANOCOMPOSITES FOR MID-TEMPERATURE POWER GENERATION", R Shanmuka Sundari, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1186 | CP-1186 | 1982 | "NICO@CN METAL ORGANIC FRAMEWORK AS COST EFFECTIVE PLATINUM-FREE EFFICIENT COUNTER ELECTRODES FOR DYE-SENSITIZED SOLAR CELLS", Anjali Krishna AA, SRM IST KTR,INDIA |

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| 1187 | CP-1187 | 1995 | "A FACILE CHEMICAL SYNTHESIS AND CHARACTERIZATION OF NANO LAMINATED ALFE2B2", Anitha Venkatasamy, SRI G.V.G VISALAKSHI COLLEGE FOR WOMEN,INDIA |
| 1188 | CP-1188 | 2022 | "PRINTABLE SILVER INK AS ELECTRODE FOR THERMOELECTRIC DEVICES", Nanthini S, KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY,INDIA |
| 1189 | CP-1189 | 2069 | "EFFECT OF VARIOUS NANO-SIC FILMS ON THE PHOTOELECTRIC CONVERSION EFFICIENCY OF SOLAR CELLS", Deepan M, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 1190 | CP-1190 | 2167 | "INVESTIGATION OF PLASMONIC GOLD NANOSTRUCTURES FOR THEIR PHOTOVOLTAIC APPLICATIONS", Manisha Bajpai, SDDHARTH UNIVERSITY KAPILVASTU SIDDHARTH NAGAR,INDIA |
| 1191 | CP-1191 | 2227 | "LEAD PEROVSKITE PBXO3 (X=TI, ZR, HF) FOR POTENTIAL THERMOELECTRIC APPLICATIONS: A DENSITY FUNCTIONAL THEORY (DFT) STUDY", R Zosiamliana, PSRC,INDIA |
| 1192 | CP-1192 | 2260 | "SNS QUANTUM DOT HYBRID SOLAR CELLS ON TIO2 NANORODS ", Subhashis Saha, IIT MADRAS,INDIA |
| 1193 | CP-1193 | 2265 | "ULTRALOW THERMAL CONDUCTIVITY OF ZINC OXIDE COATED SILVER FABRIC BY ONE-STEP HYDROTHERMAL METHOD FOR THERMOELECTRIC DEVICES", M Shalini, KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY, COIMB,INDIA |
| 1194 | CP-1194 | 2401 | "PREDICTION OF ROBUST THERMOELECTRIC AND OPTICAL PROPERTIES IN CS2AL(LI/NA)I6: A DFT STUDY", Gourav, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |

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| 1195 | CP-1195 | 2451 | "ENHANCED DYE SENSITIZED SOLAR CELLS PERFORMANCE BASED ON MOS2 NANOSTRUCTURED COUNTER ELECTRODE", Maddala Gurulakshmi, YOGI VEMANA UNIVERSITY,INDIA |
| 1196 | CP-1196 | 2452 | "ELECTROCATALYTIC PERFORMANCE OF MN DOPED CU ₂ NISNS ₄ COUNTER ELECTRODES FOR PT NOBLE METAL FREE DYE SENSITIZED-SOLAR CELL", P. Baskaran, SRM IST,INDIA |
| 1197 | CP-1197 | 2453 | "EFFECT OF PVP CONCENTRATION ON THE ELECTROCHEMICAL PROPERTIES OF CU ₂ MNSNS ₄ - PT-FREE COUNTER ELECTRODE FOR DYE SENSITIZED-SOLAR CELL", P. Baskaran, SRM IST,INDIA |
| 1198 | CP-1198 | 2547 | "GROWTH ENGINEERED ZNO NANOSTRUCTURES ON FLEXIBLE CARBON FABRIC FOR WEARABLE THERMOELECTRIC APPLICATIONS", Suresh Prasanna S, SHIZUOKA UNIVERSITY,,Japan |
| 1199 | CP-1199 | 2548 | "THERMOELECTRIC PROPERTIES OF ZNO NANOSTRUCTURES ON SILVER FABRIC FOR WEARABLE THERMOELECTRIC POWER GENERATION", J. Vinodhini, SHIZUOKA UNIVERSITY,,Japan |
| 1200 | CP-1200 | 2552 | "INVESTIGATING THE GROWTH AND PERFORMANCE OF MESOPOROUS TIO ₂ ON STAINLESS STEEL MESH AS A PHOTOANODE IN FLEXIBLE DYE-SENSITIZED SOLAR CELL APPLICATION (FDSSCS)", S. Kamesh, SHIZUOKA UNIVERSITY,,Japan |

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| 1201 | CP-1201 | 2556 | "DESIGN AND STUDY OF COMBINING ENERGY HARVESTING SYSTEM BASED ON PHOTOVOLTAIC AND THERMOELECTRIC GENERATORS", Parkavi Valaguruvan, SHIZUOKA UNIVERSITY,,Japan |
| 1202 | CP-1202 | 2557 | "METAL PHASE ASSISTED GROWTH OF MOS2 NANOSHEETS ON CARBON FABRIC WITH ENHANCED ELECTRICAL CONDUCTIVITY FOR SELF-POWERED WEARABLE THERMOELECTRIC APPLICATION", Joseph Dona, SHIZUOKA UNIVERSITY,,Japan |
| 1203 | CP-1203 | 2558 | "SPONTANEOUS SUPERLATTICE THIN FILM FORMATION OF(LA, SR)COO3 BY DYNAMIC AURORA PLD FOR THERMOELECTRIC APPLICATION", M. Arockia Jenisha, SHIZUOKA UNIVERSITY,,Japan |
| 1204 | CP-1204 | 2559 | "HIGHLY SENSITIVE AND SELECTIVE GAS SENSOR BASED ON AL-DOPED CEO2FOR PPM-LEVEL NO2 DETECTION", D. Kanchan Kumar, SRMIST, kattankulathur,INDIA |
| 1205 | CP-1205 | 2560 | "INVESTIGATION OF TE SUBSTITUTION ON THE ELECTRONIC STRUCTURE FOR ENHANCED THERMOELECTRIC PROPERTIES OF TIN SULFIDE", Parvathi Krishna, SRMIST, kattankulathur,INDIA |
| 1206 | CP-1206 | 2561 | "ENHANCED ELECTRICAL CONDUCTIVITY AND SEEBECK COEFFICIENT SYNERGISTICALLY BOOST THE THERMOELECTRIC PERFORMANCE OF BI SUBSTITUTED AG2SE", Tony Mathew, SRMIST, kattankulathur,INDIA |
| 1207 | CP-1207 | 2562 | "IMPROVED POWER FACTOR IN POLYPYRROLE/CARBON BLACK (PPY/CB) POLYMER COMPOSITEFOR ROOM-TEMPERATURE THERMOELECTRIC APPLICATION ", U. Sreevidya, SRMIST, kattankulathur,INDIA |

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| 1208 | CP-1208 | 2563 | "EFFECT OF MOS2 ON NANO STRUCTURE AND THERMAL TRANSPORT PROPERTIES OF AG2SE THERMOELECTRIC MATERIAL", R. Santhosh, SRMIST, kattankulathur,INDIA |
| 1209 | CP-1209 | 2564 | "ALUMINUM SUBSTITUTED SILVER SELENIDE FOR ROOM TEMPERATURE POWER GENERATION", Tony Mathew, SRMIST, kattankulathur,INDIA |
| 1210 | CP-1210 | 2565 | "IMPROVED TRADE-OFF BETWEEN PHONON AND CHARGE TRANSPORT IN MWCNT/MOS2NANOCOMPOSITE FOR THERMOELECTRIC APPLICATION", Simon Sajan John, SRMIST, kattankulathur,INDIA |
| 1211 | CP-1211 | 2566 | "CO3O4/ZNOHETEROJUNCTION FOR THE EFFECTIVE DETECTION OF NO2WITH HIGHER OXYGEN VACANCY", M. Pavithra, SRMIST, kattankulathur,INDIA |
| 1212 | CP-1212 | 15 | "SYNTHESIS AND CHARACTERIZATION OF G-C3N4/ZNO NANOCOMPOSITE PHOTOCATALYSTS WITH ENHANCED VISIBLE LIGHT PHOTOACTIVITY", Rahul Kumar, VNIT, NAGPUR,INDIA |
| 1213 | CP-1213 | 68 | "INFLUENCE OF GD3 ION DOPING ON PHOTOCATALYTIC ACTIVITY, STRUCTURAL AND MAGNETIC PROPERTIES OF SNO2 NANOPARTICLES", Ashok Kumar, DEENBANDHU CHHOTU RAM UNIVERSITY OF SCIENCE AND TE,INDIA |
| 1214 | CP-1214 | 72 | "BOOSTING THE FÖRSTER RESONANCE ENERGY TRANSFER (FRET) OF CTAB ASSISTED POLYANILINE-ZNO NANOCOMPOSITES TO ENHANCE THE VISIBLE LIGHT DRIVEN PHOTOCATALYSIS", Keya Sahu, IIT ISM DHANBAD,INDIA |
| 1215 | CP-1215 | 111 | "ACID GROUP FUNCTIONALIZED TIO2 FOR HIGHLY EFFICIENT AND SELECTIVE EXTRACTION OF URANIUM FROM AQUEOUS SOLUTIONS", S Priya, SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING,INDIA |

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| 1216 | CP-1216 | 118 | "FACILE SYNTHESIS OF CZTS NANOMATERIAL AND STUDY ITS PHOTOCATALYTIC ACTIVITY", Rudra Narayan Mondal, KHATAGPUR COLLEGE,INDIA |
| 1217 | CP-1217 | 127 | "EFFECTIVE CO2 ADSORPTION ON MODIFIED MOLECULAR SIEVES FOR ENVIRONMENTAL REMEDIATION: ROLE OF OXYGEN VACANCY", Nitesh Govind Joshi, GOA UNIVERSITY,INDIA |
| 1218 | CP-1218 | 232 | "AN INVESTIGATION OF TIO2 PHOTOCATALYSTS FOR AN ENHANCED PHOTOCATALYTIC ACTIVITY OF MB DYE UNDER VISIBLE LIGHT IRRADIATION AT DIFFERENT CALCINATION TEMPERATURES.", Ashwini Shankarrao Gadge, VNIT NAGPUR,INDIA |
| 1219 | CP-1219 | 294 | "SYNTHESIS AND CHARACTERIZATION OF MAGNETIC FRAMEWORK COMPOSITE FOR ENVIRONMENTAL REMEDIATION", Saloni Sharma, CSIRCSIO,INDIA |
| 1220 | CP-1220 | 299 | "SYNTHESIS, CHARACTERIZATION, AND ENVIRONMENTAL APPLICATIONS OF CERIUM DIOXIDE AND METAL-DOPED CERIUM DIOXIDE NANOPARTICLES: A REVIEW", Sasmita Sarangi, KIIT DEEMED TO BE UNIVERSITY,INDIA |
| 1221 | CP-1221 | 323 | "FIRST PRINCIPLE STUDY ON THE ADSORPTION BEHAVIOR OF CNCL ON PRISTINE AND METAL DOPED (NI, CU AND FE) B36 NANOSHEET", Sibin Mon D V, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES,INDIA |
| 1222 | CP-1222 | 324 | "ENHANCING THE DEGRADATION ABILITY OF G-C3N4 NANOSHEET THROUGH ZNCR2O4 HETEROJUNCTION PHOTOCATALYST FORMATION AGAINST TOXIC POLLUTANTS (RHODAMINE B AND CIPROFLOXACIN)", R Roshan Chandrapal, SRM IST,INDIA |

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| 1223 | CP-1223 | 329 | "DFT STUDY ON THE ADSORPTION BEHAVIOR OF AL ₁₂ N ₁₂ , AL ₁₂ P ₁₂ , C ₁₂ SI ₁₂ AND MG ₁₂ O ₁₂ NANOCAGES TOWARD VX NERVE AGENT", Prince Makarios Paul S, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES,INDIA |
| 1224 | CP-1224 | 345 | "MAGNETICALLY SEPARABLE PHOTO-RESPONSIVE CeO ₂ NANORODS/NiZn-FERRITE/CNT TERNARY COMPOSITES FOR REMOVAL OF ORGANIC POLLUTANT FROM WASTEWATER", Surjeet Chahal, DIT UNIVERSITY,INDIA |
| 1225 | CP-1225 | 367 | "FLUORESCENT SENSING AND ADSORPTION OF LEAD IONS IN AQUEOUS MEDIUM BY AN ADVANCED NANOCOMPOSITE OF MOLYBDENUM DISULFIDE QUANTUM DOTS @ LANTHANUM ORTHOFERRITE", Z. Nawas Sherif, MADURAI KAMARAJ UNIVERSITY,INDIA |
| 1226 | CP-1226 | 382 | "COMPREHENSIVE REMOVAL OF FLUORIDE ION USING BIO-SYNTHESIZED CERIUM OXIDE NANOPARTICLES", Pankaj Kumar Parhi, FAKIR MOHAN UNIVERSITY,INDIA |
| 1227 | CP-1227 | 392 | "UTILIZING METAL SULFIDE NANOSTRUCTURES IN A POLYMERIC MATRIX TO CREATE A STABLE AND EFFECTIVE VISIBLE LIGHT ACTIVE PHOTOCATALYST", Shougaijam Anju Devi, DEPARTMENT OF PHYSICS MANIPUR UNIVERSITY,INDIA |
| 1228 | CP-1228 | 400 | "ORGANIC DYE DEGRADATION UNDER ULTRASONIC STIMULATION BY USING MULTIFERROIC BISMUTH FERRITE-PVDF NANOCOMPOSITE MEMBRANE", Jhilik Roy, JADAVPUR UNIVERSITY,INDIA |
| 1229 | CP-1229 | 410 | "UV-LIGHT-DRIVEN CHITOSAN COMBINED MANGANESE STANNATE NANOPARTICLES FOR PHOTOCATALYTIC ACTIVITY", K Krishna Veni, BHARATHIDASAN UNIVERSITY,INDIA |

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| 1230 | CP-1230 | 415 | "REMOVAL OF METHYLENE BLUE AND RHODAMINE 6G DYES FROM AQUEOUS SOLUTION USING PNIPAM-CO-PSA HYDROGEL", Jyothy G Vijayan, MS RAMAIAH UNIVERSITY OF APPLIED SCIENCES,INDIA |
| 1231 | CP-1231 | 421 | "SYNTHESIS OF NICKEL DOPED COBALT OXIDE USING PHOTOCATALYSIS BY CO-PRECIPIATION METHOD", Dharshini, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1232 | CP-1232 | 422 | "STUDY OF PHOTOCATALYTIC ACTIVITY FOR GREEN-ASSISTED MAGNESIUM FERRITE NANOPARTICLES", Kavitha.R, BHARATHIDASAN UNIVERSITY,INDIA |
| 1233 | CP-1233 | 426 | "SYNTHESIS OF ALUMINIUM DOPED COBALT OXIDE USING PHOTOCATALYSIS BY CO-PRECIPIATION METHOD", Sharonshiny, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1234 | CP-1234 | 447 | "DIRECT CO ₂ CAPTURE", Namrata Vithoba Velip, GOA UNIVERSITY,INDIA |
| 1235 | CP-1235 | 451 | "SYNTHESIS OF ZN ₃ V ₂ O ₈ /BIVO ₄ HETEROJUNCTION FOR ENHANCED PHOTOCATALYTIC ACTIVITY UNDER VISIBLE LIGHT", Mousumi Narzary, CENTRAL INSTITUTE OF TECHNOLOGY KOKRAJHAR,INDIA |
| 1236 | CP-1236 | 458 | "FABRICATION OF PVDF-MONTMORILLONITE-CUCURBIT[6]URIL MIXED MATRIX ULTRAFILTRATION MEMBRANE FOR CATIONIC, ANIONIC DYE ELIMINATION AND OIL-WATER SEPARATION", Triparna Chakraborty, PANDIT DEENDAYAL ENERGY UNIVERSITY,INDIA |
| 1237 | CP-1237 | 465 | "SYNTHESIS OF ZNO/CARBON SOOTH COMPOSITE FOR PHOTOCATALYTIC APPLICATIONS", Kapil Sood, GOVERNMENT DEGREE COLLEGE DHALIARA DISTT KANGRA HP,INDIA |

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| 1238 | CP-1238 | 474 | "ENHANCED DEGRADATION OF CONGO-RED DYE BY LA3 DOPED FE ₂ O ₃ NANO-PARTICLES UNDER NORMAL SUNLIGHT", Preety Yadav, NETAJI SUBHASH UNIVERSITY OF TECHNOLOGY,INDIA |
| 1239 | CP-1239 | 512 | "INFLUENCE OF TUNGSTEN AND FLUORINE CO-DOPING ON THE OPTOELECTRONIC AND MORPHOLOGICAL ASPECTS OF SPRAY PYROLYZED SNO ₂ FILMS", Gouranga Maharana, NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL,INDIA |
| 1240 | CP-1240 | 522 | "GLYCINE ASSISTED SOL-GEL SYNTHESIS, STRUCTURAL AND INFRARED CHARACTERIZATION OF COPPER FERRITE NANOPARTICLES", Anil Balasaheb Dadke, DEOGIRI COLLEGE,INDIA |
| 1241 | CP-1241 | 541 | "BIOCL NANOPARTICLES FOR WATER REMEDIATION THROUGH CHEMICAL CATALYSIS", Ratna Sarkar, JADAVPUR UNIVERSITY,INDIA |
| 1242 | CP-1242 | 550 | "REMOVAL OF RHODAMINE B FROM WATER INDUCED BY A SILICA-AMORPHOUS CARBON NANOTUBE HYBRID: A SWITCH FROM ADSORPTION TO PHOTOCATALYSIS", U Ray, JADAVPUR UNIVERSITY,INDIA |
| 1243 | CP-1243 | 551 | "ULTRA FAST AND EFFECTIVE ADSORPTION OF REACTIVE BLUE AND BASIC RED DYES FROM WATER WITH THE SYNERGISTIC EFFECT OF ZN-DOPED MGO NANOPARTICLES AND ULTRASONICATION", Barsharani Priyadarshini, KIIT UNIVERSITY BHUBANESWAR,INDIA |
| 1244 | CP-1244 | 556 | "FORMULATION OF Z-SCHEME HETEROJUNCTION MOS ₂ @TIO ₂ FOR VISIBLE SPECTRUM DRIVEN PHOTODEGRADATION OF ORGANIC POLLUTANTS AND ITS OPTOELECTRONIC STUDY OF GREEN SYNTHESIS.", Shaikh Sumaiyya Firdous, DEPARTMENT OF PHYSICS DR BAMU AURANGABAD,INDIA |

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| 1245 | CP-1245 | 582 | "HIGHLY ENHANCED PHOTOCATALYTIC DEGRADATION OF AG CO-DOPED FE-ZNO NANOPARTICLES", Senthil Kumar M, SRINIVASAN COLLEGE OF ARTS AND SCIENCE PERAMBALUR,INDIA |
| 1246 | CP-1246 | 587 | "SYNTHESIS, CHARACTERIZATION & APPLICATION OF ALUMINIUM DOPED NANO LANTHANUM OXIDE FOR CONGO RED REMOVAL", Elizabeth Paul, MAR ATHANASIUS COLLEGE KOTHAMANGALAM,INDIA |
| 1247 | CP-1247 | 589 | "NOVEL FIBROUS GRAPHITIC CARBON NITRIDE- AN EFFICIENT PHOTOCATALYST FOR WATERSPLITTING AND INDIGO CARMINE DEGRADATION", K Karthik, ANNA UNIVERSITY,INDIA |
| 1248 | CP-1248 | 604 | "PREPARATION OF POLYMER BASED NANOFIBERS BY ELECTROSPINNING METHOD AN EFFICIENT DYE PHOTOCATALYST MATERIALS FOR WASTEWATER TREATMENT", R Naveen Kumar, ANNAMALAI UNIVERSITY,INDIA |
| 1249 | CP-1249 | 657 | "CO ₂ SUBSTITUTED ZNFE ₂ O ₄ SPINEL FERRITE- INVESTIGATIONS ON STRUCTURAL, MAGNETIC AND OPTICAL PROPERTIES", Reenu, DCRUST MURTHAL,INDIA |
| 1250 | CP-1250 | 664 | "VISIBLE LIGHT DRIVEN FURFURYL ALCOHOL MODIFIED G-C ₃ N ₄ COATED POLYURETHANE FOAM FOR PHOTOCATALYTIC APPLICATIONS", Swathi A C, NIT CALICUT,INDIA |
| 1251 | CP-1251 | 671 | "EXPLOITING HETEROJUNCTION IN BINARY MIXED METAL OXIDES FOR SIMULTANEOUS MINERALIZATION OF COMPLEX POLLUTANTS IN WATER", Chandani Hanumant Vaigankar, GOA UNIVERSITY,INDIA |

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| 1252 | CP-1252 | 693 | "ACHIEVING ENHANCED WATER REMEDIATION AND WATER SPLITTING CAPABILITY USING 3D/2D BI ₂ WO ₆ /RGONANOCOMPOSITES UNDER VISIBLE-LIGHT IRRADIATION", K Annamalai, UNIVERSITY OF MADRAS, INDIA |
| 1253 | CP-1253 | 705 | "PLANT-MEDIATED SYNTHESIS OF AG DOPED ZNO NPS EVALUATION OF THEIR BIOLOGICAL ACTIVITY AND PHOTOCATALYTIC DEGRADATION", Kalki Kamini K, UNIVERSITY OF MADRAS, INDIA |
| 1254 | CP-1254 | 754 | "GRAPHENE-OXIDE BASED HETEROGENEOUS NANOCOMPOSITE WITH ENHANCED CATALYTIC PERFORMANCE USING REAL-TIME ZERO DISCHARGE EFFLUENT TECHNIQUE", Senthilnathan S, SSN COLLEGE OF ENGINEERING, INDIA |
| 1255 | CP-1255 | 800 | "EFFICIENT METHYLENE BLUE ADSORPTION USING RGO-MOO ₃ NANOCOMPOSITES FOR WATER PURIFICATION", Avani A V, CHRIST DEEMED TO BE UNIVERSITY, INDIA |
| 1256 | CP-1256 | 872 | "PHOTOCATALYTIC PERFORMANCE OF CR SUBSTITUTED NICKEL FERRITE NANOPARTICLES FOR METHYLENE BLUE DYE DEGRADATION", Richa Pandey, DIT UNIVERSITY, INDIA |
| 1257 | CP-1257 | 886 | "SYNTHESIS OF BIO-DERIVED ACTIVATED CARBON USING GUAVA PEELS FOR EFFICIENT ADSORPTION OF ORGANIC DYE", M.Kiruthika, SRMIST KTR, INDIA |
| 1258 | CP-1258 | 897 | "VISIBLE-LIGHT PHOTOCATALYTIC ACTIVITY OF POLYOXOMETALATE-METAL OXIDE POLYMER NANOHYBRID FOR DEGRADATION OF ORGANIC POLLUTANTS", Sampurnam S, TAGORE ENGINEERING COLLEGE, INDIA |

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| 1259 | CP-1259 | 903 | "PREPARATION, CHARACTERIZATION AND PHOTOCATALYTIC ACTIVITY OF CE-DOPED SNO ₂ NANOPARTICLES", Harita Kumari, MAHARSHI DAYANAND UNIVERSITY ROHTAK,INDIA |
| 1260 | CP-1260 | 929 | "SYNERGISTIC NANO STRUCUTRE OF IRON-POLY SIALATE AND SILICATE NETWORK IN THE ALKALINE MEDIATED WASTE COPPER SLAG-BIOMASS RICE HUSK ASH COMPOSITES FOR TUNING THE ADSORPTION OF METHYLENE BLUE DYE FROM WASTEWATER", Mullaimalar, SRMIST,INDIA |
| 1261 | CP-1261 | 930 | "OXYGEN-DEFICIENT CERIUM DOPED TIN OXIDE NANOPARTICLES FOR POTENTIAL APPLICATIONS IN SPINTRONICS AND PHOTOCATALYSIS", Harita Kumari, MAHARSHI DAYANAND UNIVERSITY ROHTAK,INDIA |
| 1262 | CP-1262 | 932 | "ETHYLENE GLYCOL ASSISTED SYNTHESIS OF ULTRATHIN BIOCL NANOFLAKES WITH EXCELLENT PHOTOCATALYTIC ACTIVITY FOR THE ABATEMENT OF AQUATIC ORGANIC POLLUTANTS", Manoj Pudukudy, SAVEETHA SCHOOL OF ENGINEERING,INDIA |
| 1263 | CP-1263 | 939 | "G-C ₃ N ₄ DECORATED SNO ₂ COMPOSITE WITH ENHANCED VISIBLE-LIGHT PHOTOCATALYTIC ACTIVITY ", N Srinivasan Arunsankar, SRI SAI RAM ENGINEERING COLLEGE,INDIA |
| 1264 | CP-1264 | 959 | "GREEN SYNTHESIS OF MAGNETITE NANOPARTICLES WITH DIFFERENT PLANT EXTRACT AND THEIR ENVIRONMENTAL APPLICATIONS", Lokeshwari Navalgund, SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,INDIA |

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| 1265 | CP-1265 | 960 | "GREEN APPROACH FOR SYNTHESIZING ZNO NANOPARTICLE AND ITS APPLICATION IN PHOTO CATALYTIC DEGRADATION OF ORGANIC DYE", Keshava Joshi, SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,INDIA |
| 1266 | CP-1266 | 980 | "TUNING THE SURFACE OXYGEN VACANCIES OF BI2O3 BY VARYING THE REACTION PARAMETERS AND ITS EFFECT ON PHOTOCATALYTIC ACTIVITY", Mriganki Singh, SRMIST,INDIA |
| 1267 | CP-1267 | 1021 | "POLYOL-MEDIATED SYNTHESIS OF ZNONANOSPHERES: EFFECT OF SYNTHESIS CONDITIONS FOR INDUSTRIAL DYE DEGRADATION UNDER SUNLIGHT IRRADIATION", Savithri Mysamy, NATIONAL CENTRE OF NANOSCIENCE AND TECHNOLOGY,,INDIA |
| 1268 | CP-1268 | 1108 | "ADSORPTIVE REMOVAL OF PHARMACEUTICAL DRUGS USING GRAPHENE OXIDE-BASED NANOCOMPOSITE", Merija K S, SRM IST KATTANKULATHUR,INDIA |
| 1269 | CP-1269 | 1129 | "METAL DOPED BIOCL NANO-ARCHITECTURES (M-BIOCL, M = NI, MO, CD, CO) FOR EFFICIENT VISIBLE LIGHT PHOTOCATALYTIC AND ANTIBACTERIAL BEHAVIOUR", Prerna, PANJAB UNIVERSITY CHANDIGARH,INDIA |
| 1270 | CP-1270 | 1142 | "EFFECT OF DOPING AND THERMAL TREATMENT ON G-C3N4", Logamithrai D, SRMIST,INDIA |
| 1271 | CP-1271 | 1179 | "EFFECT OF KINETICS DYE DEGRADATION AND BACTERIAL TREATMENT UNDER THE STUDIES OF CUO, NIO – NPS FOR RECYCLING OF WASTEWATER USING PHOTOCATALYST REACTOR", Agalya S, BHARATHIDASAN UNIVERSITY,INDIA |

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| 1272 | CP-1272 | 1225 | "DESIGN AND DEVELOPMENT OF BIO-BASED SUSTAINABLE CARDANOL BASED POLYBENZOXAZINE-SILICA HYBRID FOR OIL-WATER SEPARATION", S Devaraju, VFSTR,INDIA |
| 1273 | CP-1273 | 1253 | "AQUEOUS WASTE PHOTOLYTIC DEGRADATION BY ADVANCED OXIDATION PROCESS UNDER VISIBLE IRRADATION", Nadella Gowri Lakshmi Sahithi, SRMIST,INDIA |
| 1274 | CP-1274 | 1265 | "METAL SULPHIDE SEMICONDUCTORS FOR PHOTOCATALYTIC HYDROGEN PRODUCTION VIA WATER SPLITTING", Dhilli Anandi, SRMIST,INDIA |
| 1275 | CP-1275 | 1268 | "ENVIRONMENTAL APPLICATIONS OF LIGAND-FUNCTIONALIZED NANOPARTICLES", Satya, ISABELLA THOBURN COLLEGE, UNIVERSITY OF LUCKNOW,INDIA |
| 1276 | CP-1276 | 1282 | "HEXAGONAL B-NI(OH) ₂ NANO-SHEETS FOR EFFICIENT FLUORIDE ADSORPTION", Diksha Choudhary, CSIR AMPRI,INDIA |
| 1277 | CP-1277 | 1313 | "CEO ₂ BASED CATALYSTS FOR THE DEGRADATION OF CRYSTAL VIOLET VIA SONO/PHOTOCATALYSIS: IMPACT OF PH, DOPANT CONCENTRATION AND CATALYTIC TREATMENT METHOD", Ankit kumar, DEHRADUN INSTITUTE OF TECHNOLOGY,INDIA |
| 1278 | CP-1278 | 1316 | "IMPACT OF ANNEALING ON STRUCTURAL, MORPHOLOGICAL AND SONO/PHOTOCATALYTIC PROPERTIES OF MG, CO CO-DOPED A-FE ₂ O ₃ ", Stuti Trivedi, DEHRADUN INSTITUTE OF TECHNOLOGY,INDIA |
| 1279 | CP-1279 | 1318 | "STUDY ON THE STRUCTURAL, OPTICAL AND MAGNETIC PROPERTIES OF COBALT FERRITE - RGO NANOCRYSTALS FOR ITS APPLICATION ON PHOTO-FENTON ACTIVITY", Trinisha Infancy W, PRESIDENCY COLLEGE CHENNAI,INDIA |

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| 1280 | CP-1280 | 1319 | "INVESTIGATION OF NICKEL MOLYBDENUM OXIDE BY A FACILE HYDROTHERMAL METHOD FOR PHOTOCATALYTIC APPLICATION", Jaqulin Jenila T, PRESIDENCY COLLEGE CHENNAI,INDIA |
| 1281 | CP-1281 | 1334 | "SYNERGISTIC EFFECT IN SELF-SUPPORTED VANADIUM DOPED NIO ON NI FOAM FOR BIFUNCTIONAL WATER SPLITTING", Pratik Pataniya, P D PATEL INSTITUTE OF APPLIED SCIENCES, CHARUSAT,INDIA |
| 1282 | CP-1282 | 1347 | "COMPARATIVE PHOTOCATALYTIC ACTIVITY IN CACU 3 TI 4 O 12 PREPARED BY DIFFERENT TECHNIQUES", Rajnish Kumar Ranjan, MAGADH UNIVERSITY,INDIA |
| 1283 | CP-1283 | 1353 | "SYNTHESIS AND CHARACTERIZATION OF (1-X)BA0.85CA0.15TI0.90ZR0.10O3-XNI0.90CR0.10FE2O4 COMPOSITES", Satish, MAGADH UNIVERSITY,INDIA |
| 1284 | CP-1284 | 1370 | "ENVIRONMENTAL APPLICATIONS OF LIGAND-FUNCTIONALIZED NANOPARTICLES", Satya, UNIVERSITY OF LUCKNOW,INDIA |
| 1285 | CP-1285 | 1371 | "FABRICATION OF HYDROPHOBIC SILICA AEROGELS FOR OIL CLEAN-UP APPLICATION: VARIATIONAL INFLUENCE OF THE SILYLATING AGENT", Mangesh Vikram Khedkar, DEPARTMENT OF PHYSICS,INDIA |
| 1286 | CP-1286 | 1385 | "ELECTROCATALYTIC DECONTAMINATION OF WATER POLLUTANTS AND GREEN HYDROGEN PRODUCTION USING CU ₂ S ₄ NANOSHEETS", Samruddhi Viralkumar Chauhan, CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY,INDIA |

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| 1287 | CP-1287 | 1389 | "ROOM TEMPERATURE FABRICATION OF NICKEL OXIDE SUPPORTED ALUMINOSILICATE FOR THE ADSORPTION OF HAZARDOUS ORGANIC DYES", Vidhya Lakshmi, MANONMANIAM SUNDARANAR UNIVERSITY,INDIA |
| 1288 | CP-1288 | 1402 | "SYNTHESIS AND CHARACTERIZATION OF TUNGSTEN/GRAPHENE OXIDE NANOCOMPOSITE FOR THE PHOTOCATALYTIC AND ANTIBACTERIAL ACTIVITY", Karolinekersin E, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1289 | CP-1289 | 1411 | "SYNTHESIS OF SCALABLE CO-DOPED HEXAGONAL BORON NITRIDE THROUGH HYDROTHERMAL METHOD FOR HIGH PERFORMANCE PHOTOCATALYST – AN ORGANIC PRECURSOR-BASED STRATEGY", Annie Vinsla J V, PRESIDENCY COLLEGE CHENNAI,INDIA |
| 1290 | CP-1290 | 1449 | "IMPACT OF GRAPHENE BASED NANOSTRUCTURES ON ENZYMATIC ACTIVITY FOR ENVIRONMENTAL REMEDIATION", Neha Redkar, IIT BOMBAY,INDIA |
| 1291 | CP-1291 | 1464 | "ASSEMBLY OF AG NANOPARTICLES ON CARBON-MODIFIED TiO ₂ NANOURCHIN AND UNDERSTANDING THE PHOTOCATALYTIC MECHANISM", Pooja P Sarngan, SRM ISTKATTANKULATHUR,INDIA |
| 1292 | CP-1292 | 1483 | "STUDY OF MOLECULAR INTERACTIONS OF METFORMIN HYDROCHLORIDE AND GLICLAZIDE IN WATER USING ULTRASONIC, UV-VISIBLE AND FTIR MEASUREMENTS", J Jasmine Sharmila, GOVERNMENT ARTS COLLEGE COIMBATORE,INDIA |

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| 1293 | CP-1293 | 1589 | "FORMULATION OF Z-SCHEME HETEROJUNCTION MOS 2 @TIO 2 FOR VISIBLE SPECTRUM DRIVEN PHOTODEGRADATION OF ORGANIC POLLUTANTS AND ITS OPTOELECTRONIC STUDY OF GREEN SYNTHESIS.", Khan Faizan Mazher, DEPARTMENT OF PHYSICS DRBAM UNIVERSITY,INDIA |
| 1294 | CP-1294 | 1615 | "SYNTHESIS OF SCALABLE HEXAGONAL BORON NITRIDE NANOMATERIAL DOPED WITH COBALT FOR ITS APPLICATION AS HIGH PERFORMANCE PHOTOCATALYST THROUGH FACILE HYDROTHERMAL METHODOLOGY– AN AMMONIA-FREE PRECURSOR STRATEGY", Annie Vinsla J V, PRESIDENCY COLLEGE,INDIA |
| 1295 | CP-1295 | 1693 | "PURIFICATION OF AIR AND WATER USING NANOFILTRATION", Pavithraadevi S V, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 1296 | CP-1296 | 1729 | "ADVANCED STUDY ON THE REMEDIATION OF INDUSTRIAL WASTE WATER BY USING CONVENTIONAL AND GREEN-NANOTECHNOLOGY METHODS", Karunendra Singh, SANSKRITI UNIVERSITY UTTARPRADESHINDIA,INDIA |
| 1297 | CP-1297 | 1730 | "DYE DEGRADATION USING ZNO NANOPARTICLES FROM AMARANTHUS VIRIDIS", Mathusri.M, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 1298 | CP-1298 | 1755 | "GREEN SYNTHESIZED IRON OXIDE/TITANIUM DIOXIDE/REDUCED GRAPHENE OXIDE NANOCOMPOSITE USING CHLORELLA VULGARIS FOR IMPROVED ADSORPTION OF CHROMIUM (VI)", Rishi, GURU JAMBHESHWAR UNIVERSITY,INDIA |

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| 1299 | CP-1299 | 1815 | "NANOTECHNOLOGY IN DRINKING WATER TREATMENT", Saabareesh M, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 1300 | CP-1300 | 1849 | "INVESTIGATION AND CHARACTERIZATION OF V2O5/P-GC3N4 NANOCOMPOSITE WITH ENHANCED PHOTOCATALYTIC ACTIVITY FOR THE DEGRADATION OF ORGANIC POLLUTANTS UNDER DIRECT SUNLIGHT", Bharathi K, SRMIST,INDIA |
| 1301 | CP-1301 | 1864 | "SYNTHESIS AND CHARACTERIZATION OF AG/G-C3N4 PHOTOCATALYST WITH ENHANCED VISIBLE LIGHT PHOTOACTIVITY", Rahul Kumar, VNIT NAGPUR,INDIA |
| 1302 | CP-1302 | 1919 | "SYNTHESIS OF CERIA NANOSTRUCTURE USING ANIONIC SURFACTANT AND EVALUATION OF PHOTOCATALYTIC AND ANTIMICROBIAL ACTIVITIES", Andhle Shital Devidas, DR BAMU AURANGABAD,INDIA |
| 1303 | CP-1303 | 1936 | "SYNTHESIS OF CERIA NANOSTRUCTURE USING ANIONIC SURFACTANT AND EVALUATION OF PHOTOCATALYTIC AND ANTIMICROBIAL ACTIVITIES", Kranti Prakash Pol, DR BAMU AURANGABAD,INDIA |
| 1304 | CP-1304 | 1943 | "SYNTHESIS OF CERIA NANOSTRUCTURE USING ANIONIC SURFACTANT AND EVALUATION OF PHOTOCATALYTIC AND ANTIMICROBIAL ACTIVITIES", Kakde Abhishek Ashok, DR BAMU AURANGABAD,INDIA |
| 1305 | CP-1305 | 1951 | "ENHANCEMENT OF PHOTOCATALYTIC PERFORMANCE OF FEPC FOR THE DEGRADATION OF DYE EFFLUENTS", Pritam Borker, PESS RSN COLLEGE OF ARTS AND SCIENCE,INDIA |

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| 1306 | CP-1306 | 1972 | "REMOVAL OF NITRATE IONS THROUGH ADSORPTION ON METAL OXIDE/MXENE NANOCOMPOSITE", Subhasini D C, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1307 | CP-1307 | 1983 | "CARBON NANOTUBES (CNT) MEMBRANES: PERFORMANCE EVALUATION OF NANOFILTRATION MEMBRANE FOR WATER TREATMENT.", Deepa, SASTRA UNIVERSITY,INDIA |
| 1308 | CP-1308 | 1985 | "MOF BASED MICRO MOTORS- SYNTHESIS, LOCOMOTION AND APPLICATION.", Rashi Bhardwaj, AMITY CENTRE FOR NANOMEDICINE,INDIA |
| 1309 | CP-1309 | 2009 | "BIOMIMETIC APPROACH FOR THE SYNTHESIS AND CHARACTERIZATION OF ECO-FRIENDLY ZINC OXIDE NANOPARTICLES FROM THE AQUEOUS STEM EXTRACT OF SMILAX ASPERA FOR WASTE WATER TREATMENT ", Shivani Jasrotia, HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY,INDIA |
| 1310 | CP-1310 | 2050 | "AIR AND WATER PURIFICATION USING NANOTECHNOLOGY", Ananthan L, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 1311 | CP-1311 | 2109 | "NANOTECHNOLOGY FOR LEATHER WASTEWATER TREATMENT", Sentoor T N, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 1312 | CP-1312 | 2122 | "PHOTOCATALYTIC DEGRADATION OF INDUSTRIAL HEAVY WATER USING ZINCOXIDE NANOPARTICLES.", Sowdharani, KONGU ENGINEERING COLLEGE,INDIA |

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| 1313 | CP-1313 | 2127 | "GREEN MEDIATED SYNTHESIS AND CHARACTERIZATION OF TiO ₂ NANOPARTICLES USING CITRUS LIMON LEAF EXTRACT AS REDUCING AGENT.", Vanjarana Sravani Sameera, B V RAJU INSTITUTE OF TECHNOLOGY,INDIA |
| 1314 | CP-1314 | 2200 | "BI24O31BR10 FLOWER LIKE STRUCTURES FOR AN ENHANCED PHOTOCATALYTIC ACTIVITY FOR CRYSTAL VIOLET REMOVAL", Jayati Sharma, SHOOLINI UNIVERSITY,INDIA |
| 1315 | CP-1315 | 2207 | "A REVIEW ON VARIOUS WOOD NANO MEMBRANE FILTER SYSTEMS FOR OIL/WATER SEPARATION", Vijeya Sangeetha S, MADRAS INSTITUTE OF TECHNOLOGY,INDIA |
| 1316 | CP-1316 | 2251 | "MACHINE LEARNING-BASED PREDICTION OF NANODROPLET EVAPORATION FOR COST-EFFECTIVE AND EFFICIENT DESALINATION PROCESS", Md Adil, JADAVAPUR UNIVERSITY,INDIA |
| 1317 | CP-1317 | 2254 | "SUNLIGHT DRIVEN PHOTOCATALYTIC ACTIVITY OF AU DOPED ANATASE TiO ₂ NANOPARTICLES FOR WATER DECONTAMINATION", Veena Lalan, DEPARTMENT OF OPTOELECTRONICS UNIVERSITY OF KERALA,INDIA |
| 1318 | CP-1318 | 2281 | "APPLYING METAL ACTIVATED CARBON-PROSOPIS JULIFLORA PERFORMS AS AN EFFICIENT ADSORBENT TO REMOVE ORGANIC DYE FROM AQUEOUS SYSTEMS", Sivaranjani, MGR EDUCATIONAL AND RESEARCH INSTITUTE,INDIA |
| 1319 | CP-1319 | 2289 | "EFFICIENT PHOTOCATALYTIC DEGRADATION OF RB5 DYE AND OXYGEN EVOLUTION REACTION BY WO ₃ NANOPARTICLES", Shobharajsinh Bharatsinh Rathod, P D PATEL INSTITUTE OF APPLIED SCIENCES,INDIA |

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| 1320 | CP-1320 | 2328 | "DEVELOPMENT OF HIGHLY EFFICIENT MO-SIO2 COMPOSITE FOR DYE REMOVAL APPLICATIONS: ADSORPTION ISOTHERMS AND KINETICS", Shweta Khanna, SRMIST,INDIA |
| 1321 | CP-1321 | 2373 | "BI24O31BR10 FLOWER-LIKE STRUCTURES FOR AN ENHANCED PHOTOCATALYTIC ACTIVITY FOR CRYSTAL VIOLET REMOVAL", Pooja Dhiman, SHOOLINI UNIVERSITY,INDIA |
| 1322 | CP-1322 | 2389 | "SUSTAINABLE & VISIBLE LIGHTDRIVEN LOW-COST PHOTOCATALYST BASED ON MULTICOMPONENT CHALCOPYRITE'S FOR WASTE WATER REMEDIATION", Shailesh Narain Sharma, CSIR NATIONAL PHYSICAL LABORATORY NPL,INDIA |
| 1323 | CP-1323 | 2403 | "RECENT ADVANCES IN NANO ADSORPTION OF CHROMIUM HEAVY METAL IN WATER TREATMENT: A REVIEW", Jeeva Kanna J, SRI VENKATESWARA COLLEGE OF ENGINEERING,INDIA |
| 1324 | CP-1324 | 2432 | "FABRICATION OF ZINC OXIDE NANORODS ON GLASS SUBSTRATES FOR PHOTOCATALYTIC DEGRADATION OF DOCOSANE COMPOUND UNDER SOLAR LIGHT SIMULATOR", Ahmed Al Sharyani, VIT UNIVERSITY,INDIA |
| 1325 | CP-1325 | 2461 | "PRESENT STATUS AND DIVERSITY OF WATER BIRDS IN PURBASTHALI BIRD SANCTUARY: IMPLICATIONS FOR CONSERVATION", Sanghamitra Konar, BURDWAN MUNICIPAL GIRLS HIGH SCHOOL,INDIA |
| 1326 | CP-1326 | 2472 | "CEO2 NANOCRYSTALS INCORPORATED PANI-BASED HIGH-SENSITIVE ELECTROCHEMICAL BIOSENSOR FOR OPS DETECTION", Saroj Paneru, DELHI TECHNOLOGICAL UNIVERSITY NEW DELHI,INDIA |

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| 1327 | CP-1327 | 2504 | "EFFECT OF MIXED-PHASE TiO ₂ NANOPARTICLES ON THE PHOTODEGRADATION OF CRYSTAL VIOLET DYE.", Puneetha J, JSS ACADEMY OF TECHNICAL EDUCATION,INDIA |
| 1328 | CP-1328 | 2526 | "NANO IRON OXIDE BIOCHAR COMPOSITE FOR DYE REMOVAL FROM WATER ", T Geetha, ST MARYS COLLEGE THRISSUR,INDIA |
| 1329 | CP-1329 | 2550 | "ENHANCED PHOTOCATALYTIC PERFORMANCE OF Z-SCHEME HETEROSTRUCTURED G-C ₃ N ₄ /S _{NS} 2 NANOCOMPOSITE", Baskar Malathi, SHIZUOKA UNIVERSITY,,Japan |
| 1330 | CP-1330 | 11 | "A FACILE HYDROTHERMAL ROUTE FOR SYNTHESIZING B-NIS AND ITS ELECTROCHEMICAL PERFORMANCE", Harikrishnan M P, NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI,INDIA |
| 1331 | CP-1331 | 20 | "HYDROTHERMALLY GROWN ZNO NANOSTRUCTURED THIN FILM-BASED PEROVSKITE SOLAR CELLS.", Tapas Das, PRABHAT KUMAR COLLEGE,INDIA |
| 1332 | CP-1332 | 30 | "SYNTHESIS AND CHARACTERIZATION OF ZIF-8@ZIF-67 CORE-SHELL METAL-ORGANIC FRAMEWORKS FOR SUPERCAPACITOR APPLICATIONS", Mansi, CSIR CSIO,INDIA |
| 1333 | CP-1333 | 45 | "SYNTHESIS OF PD DECORATED CDS NANOCOMPOSITES FOR ELECTROCHEMICAL ENERGY STORAGE APPLICATIONS", Mukesh Kumar Gurjar, CENTRAL UNIVERSITY OF JHARKHAND,INDIA |
| 1334 | CP-1334 | 56 | "HYDROTHERMAL SYNTHESIS OF MnCO ₂ O ₄ NANOPARTICLES FOR ELECTROCHEMICAL ENERGY STORAGE APPLICATION", Prashant Sanjay Auti, SAVITRIBAI PHULE PUNE UNIVERSITY,INDIA |

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| 1335 | CP-1335 | 57 | "SR ₂ NI _{0.7} MG _{0.3} MOO ₆ -Δ DOUBLE PEROVSKITES OXIDES DECORATED WITH GRAPHENE QUANTUM DOTS AS A SUPERIOR ELECTRODE MATERIAL FOR HIGH PERFORMANCE SUPERCAPACITORS", Poonam Rani Kharangarh, IGDTUW,INDIA |
| 1336 | CP-1336 | 74 | "FACILE CHEMICAL ROUTE SYNTHESIS OF ZIF-67 MOF AND APPLICABILITY FOR HIGH-PERFORMANCE SUPERCAPACITOR", Prashant Keshav Kasare, BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, AURA,INDIA |
| 1337 | CP-1337 | 81 | "VANADIUM BASED HYBRID MATERIALS FOR ALUMINUM-ION BATTERY", Shyamal Kumar Das, TEZPUR UNIVERSITY,INDIA |
| 1338 | CP-1338 | 91 | "HYBRID CORE-SHELL NANOSTRUCTURED MATERIALS FOR SUPERCAPACITOR APPLICATION", Vijeth, NAGALAND UNIVERSITY,INDIA |
| 1339 | CP-1339 | 92 | "NANOCOMPOSITE MEMBRANE-BASED GEL POLYMER ELECTROLYTE FOR HIGH-PERFORMANCE LITHIUM METAL BATTERY", Rittik Parui, UNIVERSITY OF KALYANI,INDIA |
| 1340 | CP-1340 | 116 | "EFFECT OF ELECTROLYTE MOLARITY ON NI-MOF BASED SUPERCAPACITOR ELECTRODE", Vikas Nagnath Kendre, BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, ABAD,INDIA |
| 1341 | CP-1341 | 119 | "THE ANALYSIS OF DOPING CONCENTRATION OF LEAD-FREE STRUCTURE OF PEROVSKITE SOLAR CELL", Ritu, KURUKSHETRA UNIVERSITY KURUKSHETRA,INDIA |
| 1342 | CP-1342 | 131 | "SYNTHESIS OF LI ₂ CU ₂ (MOO ₄) ₃ AS HIGH GEARED POSITIVE ELECTRODE FOR ENHANCEMENT OF SUPERCAPACITORS PROPERTIES", Janet, VELS INSTITUTE OF SCIENCE TECHNOLOGY VISTAS,INDIA |

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| 1344 | CP-1344 | 151 | "KNOBBLY SURFACE SPHERICAL BALLS SHAPED CU ₂ O NANOSTRUCTURES FOR HIGH-PERFORMANCE SUPERCAPACITOR APPLICATION", Dwarpal Likhiram Chaudhari, SHIVPRASAD SADANAND JAISWAL COLLEGE ARJUNI DIST GO,INDIA |
| 1345 | CP-1345 | 158 | "FAST CHARGING SUPERCAPACITOR FOR PRACTICAL ENERGY STORAGE APPLICATION", Visakh V Mohan, DEPARTMENT OF PHYSICS, UNIVERSITY OF KERALA, KARI,INDIA |
| 1346 | CP-1346 | 168 | "A STUDY OF Z-SCHEME HETEROJUNCTION AG ₃ PO ₄ /MOS ₂ FOR AN EFFECTIVE HYDROGEN EVOLUTION PERFORMANCE ", Divyadharshini S, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1347 | CP-1347 | 172 | "PERFORMANCE ANALYSIS OF MIXED PHASE TiO ₂ PHOTO ANODE PREPARED USING MICROWAVE ASSISTED SOLVOTHERMAL SYNTHESIS", Gisa Grace Ninan, CHRIST DEEMED TO BE UNIVERSITY,INDIA |
| 1348 | CP-1348 | 187 | "MANGANESE MOLYBDATE INTEGRATED GRAPHITIC CARBON NITRIDE AS ELECTRODE MATERIALS FOR SUPERCAPACITORS", M S Vaishali, SSN COLLEGE OF ENGINEERING,INDIA |
| 1349 | CP-1349 | 188 | "METAL-ORGANIC FRAMEWORK /UP-CONVERSION NANOCOMPOSITE TRANSPORT LAYER FOR PEROVSKITE PHOTOVOLTAICS", Mohammedali A, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY KATTANKULT,INDIA |

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| 1350 | CP-1350 | 191 | "ELECTROCHEMICAL PERFORMANCE OF THE SILVER OXIDE (AGXO)/PVA NANOCOMPOSITE", Sakthiraj, KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY,INDIA |
| 1351 | CP-1351 | 193 | "FABRICATION OF REDUCED TIO2 NANOTUBE ARRAYS FOR PHOTOELECTROCHEMICAL PERFORMANCE", Arshid Ahmad Mir, NATIONAL INSTITUTE OF TECHNOLOGY, SRINAGAR,INDIA |
| 1352 | CP-1352 | 197 | "EXPERIMENTAL AND SIMULATION STUDY OF MODIFIED FE METAL-ORGANIC FRAMEWORK AS TRANSPORT LAYER IN PEROVSKITE SOLAR CELL", Chandrasekar Karuppaiah, SRM IST,INDIA |
| 1353 | CP-1353 | 205 | "ROLE OF TIN (SN) DOPING IN ENHANCING THE ELECTROCHEMICAL PROPERTIES OF HEMATITE FOR SUPERCAPACITOR APPLICATION", Malik Aalim, NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR,INDIA |
| 1354 | CP-1354 | 221 | "IN-DETAILED INVESTIGATION FE3O4 POWDER DERIVED FROM WASTE TONER MATERIAL FOR SUPERCAPACITOR ELECTRODE", Pranav Jambhale, DR BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,INDIA |
| 1355 | CP-1355 | 226 | "ENHANCED HYDROGEN STORAGE ON BORON SUBSTITUTED DEFECTIVE GRAPHENE NANOSHEET: A DFT STUDY", Evangeline Ashna G, SRM IST,INDIA |
| 1356 | CP-1356 | 229 | "STRUCTURAL AND ELECTRICAL PROPERTIES OF GEO2 ADDED LI1.3AL0.3TI1.7(PO4)3 CERAMICS", Swati Gopichand Bansod, VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY,INDIA |
| 1357 | CP-1357 | 236 | "EFFECT OF SUPERVALENT DOPANT ON IONIC CONDUCTIVITY OF GARNET TYPE LI7LA3ZR2O12", Muktai Manoj Aote, VNITNAGPUR,INDIA |

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| 1358 | CP-1358 | 238 | "METALLIC V ₂ O ₃ @C CLUSTERS AS A CATHODE MATERIAL FOR LONG CYCLABLE AQUEOUS ZINC ION BATTERIES", S Tharani, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1359 | CP-1359 | 241 | "STUDY OF NITROGEN-DOPED REDUCED GRAPHENE OXIDE (N-RGO) FOR ITS POTENTIAL APPLICATION AS A FLEXIBLE SUPERCAPACITOR", Manas Thakur, JADAVPUR UNIVERSITY,INDIA |
| 1360 | CP-1360 | 245 | "BINDER-FREE HETEROINTERFACE OF HYBRID CORE-SHELL CUALS@MNCO-LDH ARCHITECTURE FOR UPGRADING ELECTROCATALYTIC WATER SPLITTING PERFORMANCE ", Ganesh Tanaji Chavan, YEUNGNAM UNIVERSOTY,KOREA, REPUBLIC OF |
| 1361 | CP-1361 | 249 | "IMPROVEMENT OF EFFICIENCY OF BY SM CO-DOING AT AG SITE OF AG-TIO ₂ NPS BASED DSSCS", P Suriya, SRMIST,INDIA |
| 1362 | CP-1362 | 262 | "STABILIZER FREE MAX PHASE INKS AND DIRECT WRITING OF MICRO-SUPERCAPACITORS", T B Naveen, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1363 | CP-1363 | 272 | "A MICROREACTOR-BASED SYNTHESIS METHOD OF MNO ₂ FOR ENERGY STORAGE APPLICATIONS", Ketan P Gattu, DEPARTMENT OF NANOTECHNOLOGY DR BAM UNIVERSITY,INDIA |
| 1364 | CP-1364 | 282 | "DEVELOPMENT OF BIOMASS-DERIVED ELECTRODE MATERIAL FOR SUPERCAPACITOR APPLICATIONS", Gajalakshmi, SRMIST KATTANKULATHUR,INDIA |
| 1365 | CP-1365 | 284 | "NI-DOPED SNO ₂ AS A PHOTOANODE LAYER IN PEROVSKITE SOLAR CELLS", Venkatachalam P, ANNAMALAI UNIVERSITY,INDIA |

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| 1366 | CP-1366 | 290 | "SYNTHESIS OF NOVEL NANOCOMPOSITE OF MOS ₂ COATED ZNO/G-C ₃ N ₄ HETEROSTRUCTURE FOR ENERGY STORAGE AND VISIBLE LIGHT PHOTOCATALYTIC APPLICATIONS", Nihar Ranjan Panda, IIT BHUBANESWAR,INDIA |
| 1367 | CP-1367 | 292 | "HIGHLY ACTIVE HOLEY-GRAPHENE OXIDE/MOO ₃ MATRIX BOOSTING HYDROGEN EVOLUTION REACTION FOR WATER SPLITTING", Neeraj, CENTRAL UNIVERSITY OF TAMIL NADU,INDIA |
| 1368 | CP-1368 | 302 | "DISORDER-INDUCED CROSSOVER OF MOTT INSULATOR TO WEAK ANDERSON LOCALIZED REGIME IN AN ARGON-IRRADIATED ND _{NIO} ₃ FILM", Sudipta Chatterjee, S N BOSE NATIONAL CENTRE FOR BASIC SCIENCES,INDIA |
| 1369 | CP-1369 | 336 | "ROOM TEMPERATURE HEXASUBSTITUTED BENZENE DERIVATIVES FOR PHOSPHORESCENT OLEDs", Yandamuri Rajesh, ORGANIC CHEMISTRY,INDIA |
| 1370 | CP-1370 | 339 | "LARGE REVERSIBLE MAGNETO-FUNCTIONAL PROPERTIES BY IMPROVING CRYSTALLOGRAPHIC COMPATIBILITY CONDITION IN NOVEL NI(CO)-MN-TI HEUSLER SYSTEM", Saheli Samanta, SN BOSE NATIONAL CENTRE FOR BASIC SCIENCES,INDIA |
| 1371 | CP-1371 | 363 | "ELECTRONIC TRANSPORT OF ZNSNSB ₂ FOR THERMOELECTRIC APPLICATION", Veera Prabu K, SASTRA UNIVERSITY,INDIA |
| 1372 | CP-1372 | 364 | "HYDROTHERMALLY SYNTHESIZED BINDER FREE ROSETTE LIKE MICROSTRUCTURES OF AMMONIUM ZINC PHOSPHATE FOR SUPERCAPACITORS", Satyajeet Sanjay Patil, SHIVAJI UNIVERSITY,INDIA |

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| 1373 | CP-1373 | 370 | "STRUCTURAL, MICROSTRUCTURAL AND MAGNETIC PROPERTIES OF MELT SPUN RIBBONS OF LAFe13-XSi6 ALLOYS", Anjana Vinod, VELLORE INSTITUTE OF TECHNOLOGY,INDIA |
| 1374 | CP-1374 | 374 | "PHOTODIELECTRIC EFFECT IN FERROELECTRICS WITH INTRINSIC DEFECTS", Montek Mohapatra, NIAMT RANCHI FORMERLY NIFFT,INDIA |
| 1375 | CP-1375 | 384 | "PHOTOCATALYTIC EFFICIENCY OF CADMIUM IONS BLENDED REDUCED GRAPHENE OXIDE", Prema Thanapackiam S, POPES COLLEGE SAWYERPURAM,INDIA |
| 1376 | CP-1376 | 388 | "HIRSHFELD SURFACE ANALYSIS OF CHARGE-ASSISTED N-H...CL- INTERACTIONS IN BIS(2-METHYL-4-NITRO-ANILINIUM) TETRA-CHLORIDOMERCURATE(I)/TETRA-CHLORIDOCADMATE(II) HYBRID MATERIALS", Dinesh Jasrotia, GGM SCIENCE COLLEGE JAMMU,INDIA |
| 1377 | CP-1377 | 399 | "MWCNT DOPED NATURAL CLAY: A PROMISING SEPARATOR MATERIAL FOR ENERGY STORAGE APPLICATION", Dhananjoy Mondal, JADAVPUR UNIVERSITY,INDIA |
| 1378 | CP-1378 | 401 | "BOOSTED ELECTROCHEMICAL PERFORMANCE OF NICKEL HYDROXIDE ON INTRODUCTION OF MANGANESE", Biny R Wiston, NIT TIRUCHIRAPPALLI,INDIA |
| 1379 | CP-1379 | 403 | "ELECTROCHEMICAL ANALYSIS OF NiWO ₄ IN VARYING ELECTROLYTES", Preethi M, NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPALLI,INDIA |
| 1380 | CP-1380 | 408 | "FUNCTIONALISED BIOMASS DERIVED CARBON QUANTUM DOTS FOR ENERGY STORAGE APPLICATION", Aiswarya R, SRM UNIVERSITY,INDIA |

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| 1381 | CP-1381 | 439 | "HYDROTHERMAL SYNTHESIS OF BIMETALLIC OXIDE MNMOO ₄ AS A CATHODE MATERIAL FOR HIGH PERFORMANCE SUPERCAPACITOR ASSEMBLY", Saranraj A, MADURAI KAMARAJ UNIVERSITY,INDIA |
| 1382 | CP-1382 | 479 | "CONDUCTING POLYMER WRAPPED SNO ₂ /RGO NANOCOMPOSITE: AN EFFICIENT HIGH PERFORMANCE SUPERCAPACITOR MATERIAL", Ashwini Baburao Rohom, MATOSHRI COLLEGE OF ENGINEERING AND RESEARCH CENTR,INDIA |
| 1383 | CP-1383 | 482 | "UTILIZATION OF MACROPORES OF HIGH CAPACITY SILICON/GRAPHITE COMPOSITE ANODES OF LITHIUM-ION BATTERIES", Satish Bolloju, NATIONAL TAIWAN UNIVERSITY,TAIWAN |
| 1384 | CP-1384 | 487 | "CONSTRUCTION OF NIO AS POSITIVE ELECTRODE AND C-G-C ₃ N ₄ AS NEGATIVE ELECTRODE MATERIALS FOR EFFICIENT ENERGY STORAGE DEVICE", S. Arun Kumar, PERIYAR UNIVERSITY,INDIA |
| 1385 | CP-1385 | 506 | "IMPROVED ENERGY STORAGE PERFORMANCE OF GRAPHENE BASED SUPERCAPACITORS: EFFECT OF HETEROATOM AND OXYGEN FUNCTIONAL GROUPS", Karthick Raja K, IITDM KANCHEEPURAM,INDIA |
| 1386 | CP-1386 | 509 | "SELF-SUSTAINED ELECTRODE FOR WATER SPLITTING USING MODIFIED COPPER FOIL FOR OXYGEN EVOLUTION REACTION AND OXYGEN REDUCTION REACTION", Brahmari, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1387 | CP-1387 | 529 | "SYNTHESIS AND CHARACTERIZATION OF G-C ₃ N ₄ /ZNMN ₂ O ₄ /MN ₂ O ₃ NANOCOMPOSITES FOR HIGH ENERGY STORAGE APPLICATIONS", Abinash, SRMIST,INDIA |

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| 1388 | CP-1388 | 538 | "EFFECT OF NABH ₄ TREATMENT ON CUO NANOSTRUCTURE FOR PSEUDO-SUPERCAPACITOR APPLICATIONS", Surender Subburaj, NCNSNT UNIVERSITY OF MADRAS,INDIA |
| 1389 | CP-1389 | 544 | "ELECTROCHEMICAL PROPERTIES OF SN SUBSTITUTED COBALT OXIDE NANOFKAKES", Sanjana Shivajirao Shinde, DR BAMU AURANGABAD,INDIA |
| 1390 | CP-1390 | 545 | "MOLECULAR ARCHITECTURE OF PANI/V ₂ O ₅ /MNO ₂ COMPOSITE DESIGNED FOR HYDROGEN EVOLUTION REACTION", Arun Varghese, CHRIST DEEMED TO BE UNIVERSITY,INDIA |
| 1391 | CP-1391 | 549 | "ELECTROCHEMICAL PROPERTIES OF SN SUBSTITUTED COBALT OXIDE NANOFKAKES", Shailaja Sitaram Ingole, DR BAMU AURANGABAD,INDIA |
| 1392 | CP-1392 | 552 | "ESTIMATION OF STATE OF CHARGE IN LI-V ₂ O ₅ BATTERIES: IMPROVEMENT OF THE MODELLING PROCEDURE", Johanna Naranjo Balseca, UNIVERSIDAD CARLOS III DE MADRID,SPAIN |
| 1393 | CP-1393 | 561 | "SYNTHESIS OF MGCO ₂ O ₄ NANOSTRUCTURE ELECTRODE MATERIAL FOR HIGH-PERFORMANCE SYMMETRIC SUPERCAPACITOR", S Arun Kumar, PERIYAR UNIVERSITY,INDIA |
| 1394 | CP-1394 | 562 | "DESIGN OF SURFACTANT-FREE CO ₃ O ₄ NANOSTRUCTURE ELECTRODE MATERIAL FOR HIGH-PERFORMANCE HYBRID SUPERCAPACITOR", V Sindhuja, PERIYAR UNIVERSITY,INDIA |
| 1395 | CP-1395 | 563 | "STRUCTURAL AND TRANSPORT PROPERTIES OF IOTA-CARRAGEENAN /POLY (ETHYLENE GLYCOL) BLEND ELECTROLYTE MEMBRANE", Bahavan Palani P, AYYA NADAR JANAKI AMMAL COLLEGE,INDIA |
| 1396 | CP-1396 | 566 | "AN INVESTIGATION ON INTRODUCTION OF NANOMATERIALS ON LITHIUM ION BATTERIES WITH ITS PERFORMANCE AND CYCLE LIFE ANALYSIS", Keren Persis P, SAVEETHA SCHOOL OF ENGINEERING,INDIA |

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| 1397 | CP-1397 | 580 | "ELECTROCHEMICAL PROPERTIES OF SN SUBSTITUTED COBALT OXIDE NANOFKAKES", Manisha Santoshrao Tak, DEPARTMENT OF PHYSICS,INDIA |
| 1398 | CP-1398 | 585 | "POLYANILINE COATED MOSSE NANOSTRUCTURE MATERIAL FOR HIGH PERFORMANCE SUPERCAPACITOR APPLICATION", Lina Khandare, SAVITRIBAI PHULE PUNE UNIVE,INDIA |
| 1399 | CP-1399 | 588 | "SYNTHESIS AND CHARACTERIZATION OF $[(BI)_{(0.5)} [(SR)_{(0.5)} [(FE)_{(1-X)} [(SN)_{(0.X)} O_{(3-\Delta)} (X= 0, 0.05 \text{ AND } 0.10) \text{ CATHODES FOR IT-SOFCS}]",$ Isha Bhasin, VNIT,INDIA |
| 1400 | CP-1400 | 600 | "SYNTHESIS AND CHARACTERIZATION OF $[(BI)_{(0.5)} [(SR)_{(0.5)} [(FE)_{(1-X)} [(SN)_{(0.X)} O_{(3-\Delta)} (X= 0, 0.05 \text{ AND } 0.10) \text{ CATHODES FOR IT-SOFCS}]",$ Isha Bhasin, VNIT,INDIA |
| 1401 | CP-1401 | 607 | "DESIGN OF NIO NANOSTRUCTURE ELECTRODE MATERIAL FOR NICKEL-ZINC BATTERY WITH SUPERIOR ENERGY DENSITY", S Arun Kumar, PERIYAR UNIVERSITY,INDIA |
| 1402 | CP-1402 | 640 | "HIGH-PERFORMANCE ELECTROCHEMICAL SUPERCAPACITORS UTILIZING NANOSTRUCTURED CEO ₂ ELECTRODES", Soojin Park, JEONBUK NATIONAL UNIVERSITY,KOREA, REPUBLIC OF |
| 1403 | CP-1403 | 641 | "FLOWER-LIKE COBALT OXIDE (CO ₃ O ₄) COMPOSED OF NANOSHEETS PETALS FOR SUPERCAPACITOR APPLICATION", Rajesh M Kadam, MATOSHRI PRATISHTHAN GROUP OF INSTITUTIONS ENGINEE,INDIA |

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| 1404 | CP-1404 | 648 | "AN INVESTIGATION OF THE SYNTHESIS AND HYDROGEN EVOLUTION REACTION (HER) PERFORMANCE OF MOS2 AND GRAPHENE MOS2 NANOCOMPOSITE", Pratima Dilip Salve, DEPARTMENT OF NANOTECHNOLOGY DR BAMU AURANGABAD,INDIA |
| 1405 | CP-1405 | 649 | "NICOO4 NANOWIRES WITH HIGH CAPACITANCE AND LONG CYCLE LIFE FOR SUPERCAPACITOR APPLICATION", Roshani Milind Mohod, DEPARTMENT OF NANOTECHNOLOGY, BAMU AURANGABAD,INDIA |
| 1406 | CP-1406 | 652 | "SOLUTION-PROCESSED SE INCORPORATION AND LAYER BY LAYER ARCHITECTURE FOR KESTERITE SOLAR ABSORBER", Stenny Benny, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1407 | CP-1407 | 653 | "SOLUTION-PROCESSED ZNO-NIO HETEROJUNCTION FOR ULTRAVIOLET PHOTO-DETECTOR APPLICATIONS", Sreelakshmi M R, SRMIST KTR,INDIA |
| 1408 | CP-1408 | 654 | "SYNTHESIS AND ELECTROCATALYTIC PROPERTIES OF COBALT OXIDE FOR OXYGEN EVOLUTION REACTION", Siddhi S Dakave, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1409 | CP-1409 | 659 | "SOLUTION-PROCESSED NOVEL PRECURSOR INK FOR SB2S3 SOLAR ABSORBER", Akshay V V, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1410 | CP-1410 | 661 | "HIGH TEMPERATURE LEAD-FREE FERROELECTRIC: A NEW TYPE INTERGROWTH BISMUTH LAYERED STRUCTURED SRBI2NB2O9-BI4TI3O12 CERAMICS", Astha Sharma, VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY,INDIA |

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| 1411 | CP-1411 | 667 | "CLUSTER FIG LEAVES DERIVED CARBON FOR SUPERCAPACITOR APPLICATION", Swapnil R Bhosale, SAVITRIBAI PHULE PUNE UNIVERSITY,INDIA |
| 1412 | CP-1412 | 679 | "HYDROTHERMALLY SYNTHESIZED IRON OXIDE (A- Fe_2O_3) NANORODS FOR SUPERCAPACITOR APPLICATION", Yogesh Tukaram Nakate, YESHWANT COLLEGE NANDED,INDIA |
| 1413 | CP-1413 | 685 | "ECONOMICAL AND EFFICIENT SYNTHESIS OF HIGHLY CONDUCTING $NiCoS_4$ NANOCOMPOSITE FOR SUPERCAPACITOR DEVICE APPLICATION", Shraddha Manohar Rajore, DEPARTMENT OF NANOTECHNOLOGY,INDIA |
| 1414 | CP-1414 | 691 | "EFFICIENCY OF A TWO LEVEL QUANTUM HEAT ENGINE AT MAXIMUM EFFICIENT POWER", K Nilavarasi, CENTRAL UNIVERSITY OF TAMIL NADU,INDIA |
| 1415 | CP-1415 | 699 | "THE SYNTHESIS AND HYDROGEN EVOLUTION REACTION (HER) PROPERTIES OF $CASnS_3$ PEROVSKITES.", Abhishek Ravindra Jamdar, DEPARTMENT OF NANOTECHNOLOGY DR BAMU AURANGABAD,INDIA |
| 1416 | CP-1416 | 703 | "IMIDAZOLE AZO MODIFIED CNT/PPY FOR HIGH PERFORMANCE SUPERCAPACITORS", Anjana Baby, CHRIST UNIVERSITY,INDIA |
| 1417 | CP-1417 | 708 | "FABRICATION OF CARBON QUANTUM DOTS MODULATED/POLYINDOLE (PIN/CDS) THIN FILM BY ELECTROSPRAY DEPOSITION FOR HIGH-PERFORMANCE NEXT-GENERATION SOLID-STATE SUPERCAPACITOR", Elumalai D, J K K NATARAJA COLLEGE OF ARTS AND SCIENCE,INDIA |

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| 1418 | CP-1418 | 716 | "MOS ₂ /MWCNT BASED SOLID STATE FLEXIBLE ELECTRODE FOR HIGH PERFORMANCE SUPERCAPACITOR", Nashiruddin Ahammed, GOVT GENERAL DEGREE COLLEGE MURAGACHHA,INDIA |
| 1419 | CP-1419 | 736 | "BIMETALLIC MOMNP NANOPARTICLES INCORPORATED WITH MWCNT AS AN EFFICIENT PLATINUM-FREE CATALYST FOR DYE-SENSITIZED SOLAR CELLS", Ravikannan G, GANDHIGRAM RURAL INSTITUTE,INDIA |
| 1420 | CP-1420 | 739 | "STABLE LITHIUM PLATING/STRIPPING ELECTROCHEMISTRY PROMOTED BY SURFACE MODIFICATION OF CURRENT COLLECTOR FOR HIGH COULOMBIC EFFICIENCY LITHIUM METAL ANODES", Bidhan Pandit, UNIVERSIDAD CARLOS III DE MADRID,SPAIN |
| 1421 | CP-1421 | 763 | "ONE POT SYNTHESIS AND CHARACTERIZATION OF NICKEL SELENIDE (NiSe) NANOPARTICLES WITH STOICHIOMETRIC MIXTURE FOR ENERGY STORAGE APPLICATION", Bharat Bade, DEPT OF PHYSICS SAVITRIBAI PHULE PUNE UNIVERSITY,INDIA |
| 1422 | CP-1422 | 766 | "SYNTHESIS AND CHARACTERIZATION OF ZINC OXIDE USING MENTHA PIPERITA LEAF EXTRACT AS REDUCING AGENT FOR SUPERCAPACITOR APPLICATION", S Pavithra, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES,INDIA |
| 1423 | CP-1423 | 767 | "ELECTRICAL PROPERTIES OF ZNO AND Bi ₂ O ₃ OXIDES ADDED K _{0.47} Na _{0.47} Li _{0.06} NbO ₃ AT VARYING SINTERING TEMPERATURES", Haobam Samananda Singh, NIT MANIPUR,INDIA |
| 1424 | CP-1424 | 768 | "UTILIZATION OF EGGSHELL AS STATE OF THE ART IN WASTE MANAGEMENT FOR PIEZOELECTRIC SELF-POLED CERAMIC-POLYMER COMPOSITE.", Joelin C, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES,INDIA |

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| 1425 | CP-1425 | 769 | "SURFACTANT ASSISTED NICKEL METAL ORGANIC FRAMEWORK AS HIGHLY EFFICIENT SUPERCAPACITOR ELECTRODE", S Siva Shalini, NATIONAL INSTITUTE OF TECHNOLOGY,INDIA |
| 1426 | CP-1426 | 771 | "MOF-DERIVED ZINC SULFIDE FOR FLEXIBLE HYBRID SUPERCAPACITOR", R Balamurugan, NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI,INDIA |
| 1427 | CP-1427 | 775 | "STUDY OF TRANSPORT PROPERTIES IN CO-DOPED LITHIUM LANTHANUM TITANATE", Sruthy Subash, SRMIST KTR,INDIA |
| 1428 | CP-1428 | 786 | "LUFFA FIBERDERIVED ACTIVATED CARBON ELECTRODE SYNTHESIZED BY MICROWAVE METHOD FOR HIGH- PERFORMANCE SUPERCAPACITOR APPLICATION", Navaneethan D, J K K NATARAJA COLLEGE OF ARTS AND SCIENCE,INDIA |
| 1429 | CP-1429 | 797 | "CO- DOPED NIO NANOSTRUCTURES AS EFFICIENT ELECTRODE MATERIAL FOR SUPERCAPACITOR APPLICATIONS", Suresh J, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY KATTANKULT,INDIA |
| 1430 | CP-1430 | 819 | "PERFORMANCE OF CARBON NANOMATERIALS IN ENERGY CONVERSION AND STORAGE APPLICATIONS", Amba Sankar K N, PSG COLLEGE OF ARTS AND SCIENCE,INDIA |
| 1431 | CP-1431 | 821 | "NANOSTRUCTURED METAL OXYSULFIDESFOR HYDROGEN PRODUCTIONVIA WATER-SPLITTING", K. Priyanga, SRM IST KATTANKULATHUR,INDIA |
| 1432 | CP-1432 | 823 | "NEW DESIGN OF ORGANIC DYE AND BINARY METAL OXIDES FOR DYE SENSITIZED SOLAR CELLS (DSSCS)", N.Nishanthi, D G GOVERNMENT ARTS COLLEGE FOR WOMEN,INDIA |

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| 1433 | CP-1433 | 831 | "NUMERICAL SIMULATION AND PERFORMANCE ENCHANTMENT OF D18:Y6 ORGANIC BULK HETEROJUNCTION SOLAR CELL", Dheebanathan A, SRMIST,INDIA |
| 1434 | CP-1434 | 832 | "FLEXIBLE PIEZOELECTRIC BTO-KNN COMPOSITE FOAM BASED TILE FOR EFFECTIVE MECHANICAL ENERGY HARVESTING", Srividhya K, CIPET SARP ARSTPS CHENNAI,INDIA |
| 1435 | CP-1435 | 846 | "A PEROVSKITE SOLID ELECTROLYTE FOR AL-DOPED LI-ION BATTERY", Murugan R, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1436 | CP-1436 | 848 | "INVESTIGATION OF MICROSTRUCTURAL AND DIELECTRIC PROPERTIES OF DENSE LEAD-FREE NA0.5BI0.5TIO3 CERAMICS FOR ACTUATOR APPLICATIONS", Saba Shahin, VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY,INDIA |
| 1437 | CP-1437 | 851 | "INTEGRATION OF DIFFERENT G-C3N4 PRECURSORS ON THE AMORPHOUS METAL ORGANIC FRAMEWORK FOR EFFICIENT PRODUCTION OF HYDROGEN", Aswathy Rajan, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1438 | CP-1438 | 855 | "NOVEL AG2CU2O3 NANOPARTICLES FOR HIGH CAPACITY SUPERCAPACITOR", Arvind Kumar, NITK,INDIA |
| 1439 | CP-1439 | 869 | "FACILE HYDROTHERMAL SYNTHESIS OF NICKEL DOPPED CEO2/RGO NANOCOMPOSITE FOR SUPERCAPACITOR APPLICATION", Nishath Afza, ACS COLLEGE OF ENGINEERING,INDIA |
| 1440 | CP-1440 | 875 | "THERMOELECTRIC PROPERTIES OF BI DOPED HALFHEUSLER TYPE HIGH ENTROPY ALLOY FOR MID TEMPERATURE APPLICATION", Subathra B S, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |

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| 1441 | CP-1441 | 882 | "STRUCTURAL, MAGNETIC AND DIELECTRIC STUDIES OF MN DOPED COBALT FERRITE SYNTHESIZED BY SOLID STATE METHOD", Yogesh B. Kholam, RESEARCH CENTER IN PHYSICS, BABURAOJI GHOLAP COLLE,INDIA |
| 1442 | CP-1442 | 892 | "ORGANIC PHOTOVOLTAICS WITH TERNARY PLASMONIC NANOPARTICLES INFUSED HTL:COMPARATIVE STUDY OF EXPERIMENTAL AND SIMULATION RESULTS", Chandrasekar Karuppaiah, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1443 | CP-1443 | 898 | "MXENE ELECTRODE FOR PEROVSKITE PHOTOVOLTAICS", Indumathi E, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY KATTANKULA,INDIA |
| 1444 | CP-1444 | 901 | "INVESTIGATING THE SYNERGISTIC EFFECT OF ZIF-67/MOS2 COMPOSITE ON PEROVSKITE ACTIVE LAYER ABSORPTION", Indumathi E, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY KATTANKULA,INDIA |
| 1445 | CP-1445 | 908 | "SYNTHESIS AND CHARACTERIZATION OF CERIUM OXIDE (CEO ₂) NANOPARTICLES USING A SIMPLE CO-PRECIPIATION METHOD", K. Anandalakshmi, PERIYAR ARTS COLLEGE,INDIA |
| 1446 | CP-1446 | 915 | "NIZB PN HETEROJUNCTION FOR PHOTON INDUCED NITROGEN FIXATION", Stesho Crystalin Lazuli A R, SRMIST,INDIA |
| 1447 | CP-1447 | 923 | "POLYINDOLE – MOLYBDENUM SULFIDE NANOCOMPOSITE FOR ENERGY STORAGE AND SUPERCAPACITOR APPLICATIONS", Shashikant Shivaji Vhatkar, CENTRAL UNIVERSITY OF JHARKHAND,INDIA |

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| 1448 | CP-1448 | 934 | "FACILE SYNTHESIS OF B-BI ₂ O ₃ NANOFLOWERS FOR HIGH-PERFORMANCE SUPERCAPACITOR APPLICATION", Aamir Sohail Wani, NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR,INDIA |
| 1449 | CP-1449 | 947 | "FACILE HYDROTHERMAL SYNTHESIS OF COBALT TUNGSTATE (COWO ₄) NANOPARTICLES FOR SUPERCAPACITOR APPLICATIONS", S. Ramamoorthy, VELTECH DR RR DR SR INSTITUTE OF SCIENCE AND TECHN,INDIA |
| 1450 | CP-1450 | 977 | "SYNTHESIS AND PHOTO ELECTROCHEMICAL STABILITY OF IRON OXIDE NANO SHEETS FABRICATED BY ANODIZING IRON", Jaffar Farooq Mir, NIT SRINAGAR,INDIA |
| 1451 | CP-1451 | 981 | "2D SHEET LIKE OF NI-DOPED CU ₂ O ₄ AS ELECTRODE MATERIAL FOR HIGH PERFORMANCE SUPERCAPACITOR APPLICATIONS", Jerries Infanta, BHARATHIDASAN UNIVERSITY,INDIA |
| 1452 | CP-1452 | 983 | "SYNTHESIS AND CHARACTERIZATION OF SINGLE CRYSTAL NMC ₈₁₁ CATHODE FOR LI-ION BATTERY USING FOR ELECTRIC VEHICLE APPLICATIONS", M Jayachandran, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1453 | CP-1453 | 992 | "SYNTHESIS AND CHARACTERIZATION OF ZIF-8@ZIF-67 CORE-SHELL METAL-ORGANIC FRAMEWORKS FOR SUPERCAPACITOR APPLICATIONS ", Mansi, ACSIR CSIR CSIO,INDIA |
| 1454 | CP-1454 | 1000 | "2D G-C ₃ N ₄ DECORATED WITH 1D BI ₂ S ₃ COMPOSITE AS AN HIGH PERFORMANCE ELECTRODE FOR ASYMMETRIC SUPERCAPACITORS", Kumar R, PERIYAR UNIVERSITY,INDIA |

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| 1455 | CP-1455 | 1023 | "INFLUENCE OF BOTTOM ELECTRODE UPON THE STRUCTURE, MICROSTRUCTURE AND FERROELECTRICITY OF PVDF-HFP THIN FILM ACROSS AG/PVDF-HFP/ (ITO, FTO) CAPACITOR DEVICES", Jyotirmoy Roy, PONDICHERRY UNIVERSITY,INDIA |
| 1456 | CP-1456 | 1059 | "SYNTHESIS OF NANO-SIZED ELECTROCATALYSTS AS PORTABLE BIOFUEL CELL WITH PRINTED ELECTRODES FOR UREA DETECTION", Karlo Ivan Martinez Soto, INSTITUTO TECNOLOGICO DE TIJUANA,MEXICO |
| 1457 | CP-1457 | 1061 | "EVALUATION OF IONOMERS IN THE ANODIC AND CATHODIC REACTIONS OF ANION EXCHANGE MEMBRANE TECHNOLOGY.", KARLA YUDITH GERMAN NUEZ, INSTITUTO TECNOLOGICO DE TIJUANA,MEXICO |
| 1458 | CP-1458 | 1073 | "LOW-COST METAL FREE GRAPHITIC CARBON NITRIDE PHOTOCATALYST FOR HYDROGEN PRODUCTION", Hanson Clinton D Souza, PHYSICS,INDIA |
| 1459 | CP-1459 | 1080 | "METAL-ORGANIC FRAMEWORK-DERIVED NIO NANORODS AS A POTENTIAL ELECTRODE FOR SUPERCAPACITOR APPLICATIONS", Melvin J R J, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1460 | CP-1460 | 1082 | "POLYMER ELECTROLYTES FOR RECHARGEABLE BATTERIES: FUNDAMENTALS AND PERSPECTIVES", Hansika, BVRIT HYDERABAD COLLEGE OF ENGINEERING FOR WOMEN,INDIA |
| 1461 | CP-1461 | 1087 | "LAYERED DOUBLE HYDROXIDES DERIVED COBALT-VANADIUM-SELENIDES FOR SUPERCAPACITOR ELECTRODES", Kanmani M, JAIN UNIVERSITY,INDIA |

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| 1462 | CP-1462 | 1088 | "SYNTHESIS AND CHARACTERIZATION OF ACTIVATED CARBON DERIVED FROM GOAT BONE FOR SUPERCAPACITOR APPLICATIONS", Aswin Raj I, SRMIST,INDIA |
| 1463 | CP-1463 | 1093 | "GRAPHITIC CARBON NITRITE-BASED 2D NANOMATERIALS FOR PHOTOCATALYTIC HYDROGEN PRODUCTION VIA WATER-SPLITTING", Shiny Golda A, SRMIST,INDIA |
| 1464 | CP-1464 | 1097 | "REDOX ADDITIVE ELECTROLYTE-BASED FLEXIBLE SOLID-STATE SUPERCAPACITOR PERFORMANCE OF NICKEL LANTHANUM TELLURIDE MICROFIBERS", Prangya Bhol, CENTRE FOR NANO AND MATERIAL SCIENCES,INDIA |
| 1465 | CP-1465 | 1103 | "2D CARBON NANOFIBER AUGMENTED AMORPHOUS COPPER AMMONIUM PHOSPHATE FOR HYBRID SUPERCAPACITOR DEVICE APPLICATIONS", Vinoth Kumar R, THE GANDHIGRAM RURAL INSTITUTE DTBU,INDIA |
| 1466 | CP-1466 | 1106 | "HIERARCHAL GROWTH OF INTEGRATED N-MOS ₂ /P-BLACK PHOSPHORUS HETEROSTRUCTURES FOR ALL-SOLID-STATE ASYMMETRIC SUPERCAPACITOR ELECTRODES", Sithara R, JAIN UNIVERSITY,INDIA |
| 1467 | CP-1467 | 1117 | "INVESTIGATION OF THE ELECTROCHEMICAL BEHAVIOUR OF CERIUM TUNGSTATE/PANI COMPOSITE FOR SUPERCAPACITOR APPLICATIONS", Aarthi Jaypal, CAUVERY COLLEGE FOR WOMEN,INDIA |
| 1468 | CP-1468 | 1119 | "ABSTRACT INFLUENCE OF PHOSPHORIC ACID ACTIVATION ON PHYSIOCHEMICAL CHARACTERISTICS OF MESOPOROUS CARBONS AND THEIR PERFORMANCE AS SYMMETRIC SUPERCAPACITOR", Murugan M, PRIST DEEMED TO BE UNIVERSITY,INDIA |

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| 1469 | CP-1469 | 1123 | "FACILE SYNTHESIS OF V2O5 NANORIBBON ELECTRODES FOR PSEUDO-CAPACITOR APPLICATION", Arun Kumar , IIT BOMBAY,INDIA |
| 1470 | CP-1470 | 1130 | "APPLICATION OF NANOTECHNOLOGY IN SUSTAINABLE VEGETABLE PRODUCTION", T. Soniya , DEPARTMENT OF HORTICULTURE ANNAMALAI UNIVERSITY,INDIA |
| 1471 | CP-1471 | 1157 | "TRANSPORT AND THERMOELECTRIC PROPERTIES OF FESB", Abhishek A , SRM IST,INDIA |
| 1472 | CP-1472 | 1171 | "EFFECT OF OXYGEN PARTIAL PRESSURE ON ELECTROCHEMICAL BEHAVIOR OF ELECTRODE - ELECTROLYTE INTERFACE IN VIEW OF IT-SOFCs", Shraddha Shirbhate , RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY,INDIA |
| 1473 | CP-1473 | 1172 | "EFFICIENCY IMPROVEMENT IN A HYBRID PBS QD-MAPBI3 PEROVSKITE SOLAR CELL", Arati Dikhit , BERHMPUR UNIVERSITY,INDIA |
| 1474 | CP-1474 | 1173 | "A REVIEW OF THE CURRENT STATE-OF-THE-ART OF FERH CALORIC MATERIAL", Greeshma R , SRMIST,INDIA |
| 1475 | CP-1475 | 1180 | "ENHANCED THERMOELECTRIC PERFORMANCE OF ISOVALANT AL SUBSTITUTED IN BI2S3 NANOSTRUCTURES THROUGH CARRIER TUNING AND MULTISCALE PHONON SCATTERING", Karvannan E , SRMIST,INDIA |
| 1476 | CP-1476 | 1182 | "SYNTHESIS, CHARACTERIZATION AND THERMOELECTRIC PROPERTIES OF NANOSTRUCTURED SPINEL COPPER ALUMINATE", Lakshmi Prabha C , SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |

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| 1477 | CP-1477 | 1185 | "SYNTHESIS, CHARACTERIZATION AND THERMOELECTRIC PROPERTIES OF NANOSTRUCTURED SPINEL COPPER ALUMINATE", M Sivakami, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1478 | CP-1478 | 1187 | "FACILE FABRICATION OF BINARY METAL OXIDE NANOMATERIAL FOR THE APPLICATION OF HIGH-PERFORMANCE HYBRID SUPERCAPACITOR", Periyasamy Sivakumar, DONGGUK UNIVERSITY,KOREA, REPUBLIC OF |
| 1479 | CP-1479 | 1189 | "FABRICATION OF COVALENT POLYHEDRAL OLIGOMERIC SILSESQUIOXANE-POLYOXOMETALATE HYBRID MATERIAL FOR ENHANCED PHOTOCATALYTIC HYDROGEN PRODUCTION", Prabu R, SRMIST KATTANKULATHUR,INDIA |
| 1480 | CP-1480 | 1193 | "FACILE HYDROTHERMAL SYNTHESIS AND FABRICATION OF NICKEL COBALT OXIDE AS AN ADVANCED ELECTRODE MATERIAL FOR SUPERCAPACITORS", Nitin T Shelke, VIDYA PRATISHTHAN'S KAMALNAYAN BAJAJ INSTITUTE OF,INDIA |
| 1481 | CP-1481 | 1194 | "TURBULENT CONVECTION OF WATER BASED HYBRID NANOFUID IN VERTICAL CHANNEL UNDER EXTERNAL MAGNETIC FIELD", Harish Rajan, VELLORE INSTITUTE OF TECHNOLOGY CHENNAI,INDIA |
| 1482 | CP-1482 | 1195 | "NIO-GC3N4 NANOCOMPOSITE ANODES FOR NEXT GENERATION LITHIUM-ION BATTERY ", Veena Ragupathi, HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE,INDIA |
| 1483 | CP-1483 | 1196 | "PBI PVA SULPHONATED GRAPHENE OXIDE POLYMER NANOCOMPOSITE MEMBRANE TO ENHANCE PROTON CONDUCTIVITY FOR ANHYDROUS PEMFCS", Horilal Suresh Nirmalkar, ADVANCE MATERIAL RESEARCH LABORATORY,INDIA |

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| 1484 | CP-1484 | 1224 | "ENHANCED PHOTOVOLTAIC PERFORMANCES OF LAYER-BY-LAYER ASSEMBLED PLASMONIC PHOTOANODES FOR DYE-SENSITIZED SOLAR CELLS", Bhojanaa K B, CSIR CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE,INDIA |
| 1485 | CP-1485 | 1226 | "INFLUENCE OF ANODIZATION TIME ON THE PHOTOELECTROCHEMICAL WATER SPLITTING PERFORMANCE OF TITANIUM DIOXIDE NANOTUBE ARRAYS", Swarna Lakshmi R, GOVERNMENT COLLEGE OF ENGINEERING THANJAVUR,INDIA |
| 1486 | CP-1486 | 1239 | "THE ROLE OF SODIUM DODECYL SULFATE (SDS) ON CONTROLLING THE STRUCTURAL, OPTICAL AND MORPHOLOGICAL PROPERTIES OF VANADIUM PENTOXIDE(V ₂ O ₅) NANOPARTICLES", Remila A, HOLY CROSS COLLEGE,INDIA |
| 1487 | CP-1487 | 1245 | "SURFACE-MODIFIED CDSE NEGATIVE ELECTRODE FOR AQUEOUS SUPERCAPACITOR", G Premanand, SRM IST,INDIA |
| 1488 | CP-1488 | 1251 | "SYNTHESIS OF NICKEL OXIDENANOPARTICLESFOR SUPERCAPACITORAPPLICATIONS", Cathrine Sheryl Morais, SRM IST,INDIA |
| 1489 | CP-1489 | 1254 | "ENHANCED SPECIFIC CAPACITANCE OF MICROWAVE ASSISTED NIO ELECTRODE FOR ASYMMETRIC SUPERCAPACITOR APPLICATIONS", Koppula Naresh, NIT WARANGAL,INDIA |
| 1490 | CP-1490 | 1258 | "SYNTHESIS, CHARACTERIZATION OF AURIVILLIUS NANOCRYSTALLINE BARIUM BISMUTH TITANATE BY MODIFIED SOLID STATE PROCESS", Soumya Mukherjee, KAZI NAZRUL UNIVERSITY,INDIA |
| 1491 | CP-1491 | 1259 | "ELECTROCHEMICAL PROPERTIES OF NITROGEN DOPED MANGANESE OXIDE ELECTRODE MATERIAL FOR ENERGY STORAGE APPLICATIONS", Monica A, SRMIST KATTANKULATHUR,INDIA |

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| 1492 | CP-1492 | 1262 | "A HIGH PERFORMANCE OF NI DOPED AND NI-CO CODOPED TiO ₂ SUPERCAPACITOR APPLICATIONS", Pooja P, PG STUDENT,INDIA |
| 1493 | CP-1493 | 1279 | "ANTHROQUINONE MEDIATED COS-G-C ₃ N ₄ HYBRID COMPOSITE TOWARDS HYDROGEN EVOLUTION REACTION", Arunkumar P S, VIT,INDIA |
| 1494 | CP-1494 | 1283 | "ENHANCED PERFORMANCE OF TUNGSTEN DISULFIDE AS NOVEL ELECTRODE FOR SUPERCAPACITOR APPLICATION", Rajavarman Swaminathan, JEJU NATIONAL UNIVERSITY,KOREA, REPUBLIC OF |
| 1495 | CP-1495 | 1285 | "SUPERCAPACITOR BEHAVIOR OF NIO AND CO DOPED NIO MESOPOROUS SPHERES", Purushothaman KK, ARIGNAR ANNA GOVERNMENT ARTS AND SCIENCE COLLEGE,INDIA |
| 1496 | CP-1496 | 1286 | "CO ₃ O ₄ /G-C ₃ N ₄ /RGO NANOCOMPOSITE FOR ENHANCED ELECTROCHEMICAL PERFORMANCE OF SUPERCAPACITOR APPLICATIONS", R Tamilarasi, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1497 | CP-1497 | 1287 | "BENZOXAZINE PAVES THE WAY FOR ENERGY STORAGE APPLICATION : THERMOELECTRIC GENERATOR FOR HARVESTING LOW GRADE HEAT ENERGY", Manikandan S, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1498 | CP-1498 | 1299 | "EVALUATION OF SLOT-DIE COATED BiVO ₄ /FeVO ₄ HETEROSTRUCTURE FOR SOLAR WATER SPLITTING APPLICATIONS", S.R.Sitaaraman, VELLORE INSTITUTE OF TECHNOLOGY,INDIA |
| 1499 | CP-1499 | 1306 | "SYNTHESIS OF NiCo ₂ O ₄ /BC COMPOSITE MATERIAL FOR AN APPLICATION OF SUPERCAPACITOR", Brijeshkumar Sarvjeet Yadav, THE INSTITUTE OF SCIENCE,HBSU MUMBAI,INDIA |

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| 1500 | CP-1500 | 1317 | "INVESTIGATION OF THE EFFECT OF PRECURSOR RATIOS ON THE HYDROTHERMAL SYNTHESIS OF MOS ₂ ELECTROCHEMICAL ENERGY APPLICATIONS", S. Baranitharan, UNIVERSITY OF MADRAS,INDIA |
| 1501 | CP-1501 | 1328 | "A REVIEW OF Ti ₃ C ₂ MXENE AND ITS COMPOSITES ON HER PERFORMANCE", Sachin Varma U, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY KTR,INDIA |
| 1502 | CP-1502 | 1346 | "FABRICATION OF HEMATITE THIN FILMS VIA PULSED LASER DEPOSITION FOR EFFICIENT PHOTOELECTROCATALYTIC WATER SPLITTING", Ardra S Darsan, CSIR CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE,INDIA |
| 1503 | CP-1503 | 1366 | "PANI PVDF NANOFIBERS FOR ENERGY CONVERSION", Sreelakshmi S Kumar, SRM UNIVERSITY,INDIA |
| 1504 | CP-1504 | 1368 | "SYNTHESIS AND CHARACTERIZATION OF (1-X)BA _{0.85} CA _{0.15} Ti _{0.90} ZR _{0.10} O ₃ -XNi _{0.90} CR _{0.10} FE ₂ O ₄ COMPOSITES", Satish, MAGADH UNIVERSITY,INDIA |
| 1505 | CP-1505 | 1369 | "HIGH SURFACE AREA MANGANESE DIOXIDE NETWORK ON REDUCED GRAPHENE OXIDE FOR THE DEVELOPMENT OF SYMMETRIC PRINTED SUPERCAPACITOR", Navaneeth P, AMRITA VISHWA VIDYAPEETHAM,INDIA |
| 1506 | CP-1506 | 1378 | "BISMUTH VANADATE/ BISMUTH SULPHIDE COMPOSITE FOR PHOTOCATALYTIC APPLICATIONS", Kishore M S, PHYSICS,INDIA |
| 1507 | CP-1507 | 1383 | "ZINC-METAL BINARY HYDROXIDE NANOSHEETS FOR PSEUDOCAPACITOR ELECTRODE MATERIAL APPLICATIONS", Aleena Rose, SRMIST KTR,INDIA |

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| 1508 | CP-1508 | 1393 | "SYNTHESIS OF CDS/NIWO ₄ SEMICONDUCTOR COMPOSITE FOR EFFICIENT VISIBLE LIGHT DRIVEN HYDROGEN EVOLUTION", Ashok S, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1509 | CP-1509 | 1419 | "TUNING OF P TO N TRANSITIONS OF SNS BY RGO ADDITION AND THEIR EFFECTS IN THERMOELECTRIC PROPERTIES", Nivin T S, SRMIST,INDIA |
| 1510 | CP-1510 | 1420 | "LINEAR SYNAPTIC POTENTIATION AND EXPERIENCE-DEPENDENT LEARNING BEHAVIOUR IN TUNGSTEN OXIDE-BASED MEMRISTOR", Rupam Mandal, INSTITUTE OF PHYSICS BHUBANESWAR,INDIA |
| 1511 | CP-1511 | 1425 | "INVESTIGATION OF CO-DOPANT INDUCED MORPHOTROPIC PHASE BOUNDARY (MPB)", Roshan Bandu Raut, DEPARTMENT OF PHYSICS RTM NAGPUR UNIVERSITY,INDIA |
| 1512 | CP-1512 | 1428 | "THERMOELECTRIC PERFORMANCE OF ZNO/MOS ₂ GROWN ON MESH FOR ROOM TEMPERATURE FLEXIBLE POWER GENERATION", Ranganathan Shanmuka Sundari, SHIZUOKA UNIVERSITY,JAPAN |
| 1513 | CP-1513 | 1437 | "ALIOVALENT ZN DOPED CU _{1.8S} POLYCRYSTALLINE MATERIAL FOR THERMOELECTRIC APPLICATION", Gouri Sankar V, SRM ISTKTR,INDIA |
| 1514 | CP-1514 | 1441 | "PHOTOELECTROCHEMICAL WATER SPLITTING USING HYDROTHERMALLY SYNTHESIZED WO ₃ NANOSTRUCTURES", Sophia Jacqueline L, SRM IST,INDIA |
| 1515 | CP-1515 | 1447 | "THEORETICAL INVESTIGATION ON REDOX PROPERTIES OF ANTIMONY BASED ELECTROCATALYST", A. Saravanapriya, PSGR KISHNAMMAL COLLEGE FOR WOMEN,INDIA |

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| 1516 | CP-1516 | 1450 | "ENHANCED IN SPECIFIC CAPACITANCE BY CARBON COMPOSITION IN NIO ELECTRODE MATERIAL FOR SUPERCAPACITOR APPLICATION", K Silambarasan, SRI SAI RAM ENGINEERING COLLEGE,INDIA |
| 1517 | CP-1517 | 1453 | "GRAPHENE OXIDE/PDMS NANOCOMPOSITE FILM FOR HIGH-POWER TRIBOELECTRIC NANOGENERATOR", Vigneshwaran Mohan, JEJU NATIONAL UNIVERSITY,KOREA, REPUBLIC OF |
| 1518 | CP-1518 | 1471 | "DEVELOPMENT OF SINGLE PHASE FETIO3 NANOSTRUCTURE-BASED ANODE FOR SUPERCAPACITOR AND EVALUATION OF THE ELECTROCHEMICAL PERFORMANCE", Theertharaman G, UNIVERSITY OF MADRAS,INDIA |
| 1519 | CP-1519 | 1489 | "ENHANCED PERFORMANCE OF TUNGSTEN DISULFIDE AS NOVEL ELECTRODE FOR SUPERCAPACITOR APPLICATION", Rajavarman Swaminathan, JEJU NATIONAL UNIVERSITY,KOREA, REPUBLIC OF |
| 1520 | CP-1520 | 1521 | "GREEN SYNTHESIS OF SUPERCAPACITOR ELECTRODE FROM AGROWASTE", Kalawati Nago Chute, VNIT NAGPUR,INDIA |
| 1521 | CP-1521 | 1531 | "CRITICAL ROLE OF DOPING ON ENERGY LEVEL ALIGNMENT OF NIOX HOLE TRANSPORT LAYER BASED PEROVSKITE SOLAR CELL", Vidya S Menon, SRM IST,INDIA |
| 1522 | CP-1522 | 1542 | "ACTIVATED CARBON EMBEDDED CAPRIC ACID - MYRISTIC ACID EUTECTIC PCM FOR COLD THERMAL ENERGY STORAGE APPLICATIONS", Imran Hussain, SAVEETHA ENGINEERING COLLEGE,INDIA |
| 1523 | CP-1523 | 1546 | "ELECTROCHEMICAL PROPERTIES OF CHARCOAL", Elma Elizaba Mathew, CHRIST UNIVERSITY,INDIA |

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| 1524 | CP-1524 | 1565 | "INVESTIGATION OF DOUBLE PEROVSKITE OXIDE BASED NEW ELECTRODE MATERIAL FOR ENERGY STORAGE APPLICATION", Rupesh Kishtu Muddelwar, AMOLAKCHAND MAHAVIDYALAYA YAVATMAL,INDIA |
| 1525 | CP-1525 | 1569 | "DESIGN AND DEVELOPMENT OF PARABOLIC SOLAR COOKER WITH DIFFERENT REFLECTOR AND COATED RECEIVER", Thirumalaivasan S, BANNARI AMMAN INSTITUTE OF TECHNOLOGY,INDIA |
| 1526 | CP-1526 | 1605 | "COMBUSTION SYNTHESIS, RIETVELD REFINEMENT AND OPTICAL STUDIES OF CALCIUM TITANATE PEROVSKITES", Jeenu Jegy, UNIVERSITY COLLEGE THIRUVANANTHAPURAM,INDIA |
| 1527 | CP-1527 | 1631 | "EFFECT OF PVDF ON THE IONIC CONDUCTIVITY, MORPHOLOGY AND THERMAL PROPERTIES OF MGO FREE/DISPERSED PVC BASED POLYMER ELECTROLYTES", Ravindran, VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY MAD,INDIA |
| 1528 | CP-1528 | 1673 | "FLEXIBLE, TRANSPARENT RRAM DEVICE BASED ON 2D INSULATOR IN ₂ SE ₃ -ORGANIC POLYMER COMPOSITE", Gourav Ray, JADAVPUR UNIVERSITY,INDIA |
| 1529 | CP-1529 | 1689 | "PHOSPHORUS-DOPED COS ₂ OCTAHEDRON ACCUMULATED NANOSPHERE AS ELECTROCATALYST FOR HYDROGEN EVOLUTION REACTION", Krishnamurthy P, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY KATTANKULA,INDIA |
| 1530 | CP-1530 | 1717 | "NITROGEN-DOPED POROUS CARBON COATED ON MNCO ₂ O ₄ NANOSPHERES AS ELECTRODE MATERIALS FOR HIGH-PERFORMANCE ASYMMETRIC SUPERCAPACITORS", S Silambarasan, SRMIST,INDIA |

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| 1531 | CP-1531 | 1720 | "ELECTROCHEMICAL ANALYSIS BASED SUPERCAPACITOR STUDIES OF NIO AND NIO/CNT NANOCOMPOSITES SYNTHESIZED THROUGH HYDROTHERMAL ROUTE", Beena S, GOVERNMENT ENGINEERING COLLEGE BARTONHILL TRIVANDR,INDIA |
| 1532 | CP-1532 | 1732 | "EFFECT OF SI/SN RATIO IN MG ₂ SI ₁ -XSNX SOLID SOLUTIONS FOR MID-TEMPERATURE THERMOELECTRIC APPLICATION", Saran M, SRMIST,INDIA |
| 1533 | CP-1533 | 1759 | "MICROWAVE-ASSISTED SOL-GEL SYNTHESIS OF NIO-DECORATED SILICA NANOSTRUCTURE USING RICE HUSK FOR SUPERCAPACITOR APPLICATIONS", Ranjith Priyan S, K S RANGASAMY COLLEGE OF ARTS AND SCIENCE,INDIA |
| 1534 | CP-1534 | 1762 | "INFLUENCE OF LATERAL AND VERTICAL GROWTH OF WS ₂ THIN FILM ON THE SEEBECK COEFFICIENT", Murugadass T, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1535 | CP-1535 | 1806 | "EFFECT OF NANOFILLERS ON ALMOND GUM-BASED SOLID BIOPOLYMER ELECTROLYTE FOR BATTERY APPLICATION", T Joel, NMSSVN COLLEGE,INDIA |
| 1536 | CP-1536 | 1813 | "SIMULATION STUDIES ON THE DESIGN AND ANALYSIS OF INTERDIGITAL AND FRACTAL BASED MICRO-SUPERCAPACITORS", Anagha P, COLLEGE OF ENGINEERING TRIVANDRUM,INDIA |
| 1537 | CP-1537 | 1818 | "IMPACT OF NANOFILLERS ON BIOPOLYMER ELECTROLYTE FOR PRIMARY BATTERY APPLICATIONIMPACT OF NANOFILLERS ON BIOPOLYMER ELECTROLYTE FOR PRIMARY BATTERY APPLICATION", Rehila Karolin Blesstina S, NMSSVN COLLEGE,INDIA |

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| 1538 | CP-1538 | 1868 | "UV OZONE INDUCED OPTICAL PROPERTIES MODIFICATION IN TRANSPARENT COPPER ELECTRODE DEPOSITED ON FLEXIBLE SUBSTRATE", Kishore Kumar M, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY KATTANKULA,INDIA |
| 1539 | CP-1539 | 1870 | "CARBON ELECTRODE FOR PEROVSKITE PHOTOVOLTAICS APPLICATION", Indira Priya Dharshini S, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY KATTANKULA,INDIA |
| 1540 | CP-1540 | 1899 | "MACHINE-LEARNING-ACCELERATED PREDICTION OF BANDGAP AND SCREENING OF CASTELLI PEROVSKITES FOR PHOTOCATALYTIC USE IN REDOX REACTION", Zarna Dileepbhai Ponkiya, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA,INDIA |
| 1541 | CP-1541 | 1935 | "EFFECTS OF THERMALLY EXFOLIATED G-C ₃ N ₄ ON THEIR MORPHOLOGY, AND PHOTOCATALYTIC ACTIVITY TO EVOLUTION OF HYDROGEN BY WATER SPLITTING MECHANISM", Meenakshi Abirami Saravanan, SRM IST,INDIA |
| 1542 | CP-1542 | 2042 | "INVESTIGATION OF POLYELECTROLYTE AS AN ANODE AND CATHODE BUFFER LAYER IN ORGANIC PHOTOVOLTAICS ", Gurusriram R, SRMIST,INDIA |
| 1543 | CP-1543 | 2054 | "PERFORMANCE OF OIL BASED NANO CARBON IN SYMMETRIC SUPERCAPACITOR APPLICATION", Rishad Baig E, CSIR NIIST,INDIA |
| 1544 | CP-1544 | 2057 | "ENHANCED WATER OXIDATION KINETICS OF BIVO ₄ PHOTOANODE WITH MN-NIOOH OXYGEN EVOLUTION CATALYST", A Soundarya Mary, CSIR CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE,INDIA |
| 1545 | CP-1545 | 2089 | "NANOSHEETS LIKE MANGANESE OXIDE DOPED WITH M (M= CO) ELECTRODE MATERIAL FOR SUPERCAPACITOR APPLICATIONS", Harini P, SRMIST KTR,INDIA |

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| 1546 | CP-1546 | 2090 | "SYNTHESIS AND CHARACTERIZATION OF NI DOPED WITH MNO ₂ FOR ENERGY STORAGE APPLICATIONS.", Shivakarthiga M S, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY KTR,INDIA |
| 1547 | CP-1547 | 2165 | "SYNTHESIS OF STRONTIUM TITANATE NANOPARTICLES BY SOL GEL METHOD AND APPLICATION AS AN ELECTRODE MATERIAL FOR EFFICIENT AND FLEXIBLE SUPERCAPACITOR", Rohit, NIT WARANGAL,INDIA |
| 1548 | CP-1548 | 2203 | "ENHANCEMENT IN THE THERMOELECTRIC PROPERTIES OF CU ₂ SE THROUGH ZN DOPING", Parvathy T, UNIVERSITY OF CALICUT,INDIA |
| 1549 | CP-1549 | 2216 | "TABLE SALT- BASED PAPER TRIBOELECTRIC NANOGENERATOR", Hisna P A, UNIVERSITY OF CALICUT,INDIA |
| 1550 | CP-1550 | 2235 | "HYDROGEN STORAGE ON LITHIUM DECORATED HYBRID BORON NITRIDE AND CARBON NANOTUBE : A DFT STUDY", Bhanu Chettri, NORTH EASTERN HILL UNIVERSITY,INDIA |
| 1551 | CP-1551 | 2258 | "FABRICATION OF FLEXIBLE PIEZOELECTRIC NANOGENERATOR FROM PVDF AND COBALT FERRITE ", Tupan Das, IIT PATNA,INDIA |
| 1552 | CP-1552 | 2275 | "THEORETICAL INVESTIGATION OF THE MOLECULAR INTERACTION BETWEEN FLUORINE-RICH IONIC LIQUID AND 2D ACTIVATED CARBON SHEET", Amrita Gupta, MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY GKP,INDIA |
| 1553 | CP-1553 | 2297 | "THERMOELECTRIC POWER FACTOR OF LA _{0.90} Y _{0.1} FE ₀₃ ORTHOFERRITE ", Prabhakaran C, ANNA UNIVERSITY,INDIA |
| 1554 | CP-1554 | 2298 | "SIMULATION STUDY FOR GEOMETRY OPTIMIZATION OF TEXTURES FOR LIGHT TRAPPING APPLICATION", R Jagadish, SRM IST,INDIA |

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| 1555 | CP-1555 | 2307 | "PHONON DISPERSION CHARACTERISTICS OF SUBSTITUTED B-ZN4SB3", Karthikeyan, ANNA UNIVERSITY,INDIA |
| 1556 | CP-1556 | 2332 | "FABRICATION OF TRANSITION METAL OXIDE ELECTRODE MATERIALS FOR HIGH PERFORMANCE ASYMMETRIC SUPERCAPACITOR APPLICATION", Jain Chitra D, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,INDIA |
| 1557 | CP-1557 | 2335 | "INVESTIGATION OF BIMETALLIC TRANSITION METAL OXIDE ELECTRODE MATERIALS FOR HIGH-PERFORMANCE ASYMMETRIC SUPERCAPACITOR APPLICATION", Arun Dev S B, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY KATTANKULA,INDIA |
| 1558 | CP-1558 | 2345 | "EFFECT OF A-SITE AND B-SITE ION SUBSTITUTION ON THE ELECTRICAL AND THERMOELECTRIC PROPERTIES OF NANOSTRUCTURED PEROVSKITE CAMNO_3 ", S Berbeth Mary, K RAMAKRISHNAN COLLEGE OF ENGINEERING AUTONOMOUS,INDIA |
| 1559 | CP-1559 | 2424 | "THE SYNTHESIS AND HYDROGEN EVOLUTION REACTION (HER) PROPERTIES OF CASNS 3 PEROVSKITES", Dipak Amrut Tonpe, DEPARTMENT OF NANOTECHNOLOGY BAMU,INDIA |
| 1560 | CP-1560 | 2439 | "DFT STUDY OF VANADIUM DOPED LANTHANUM MOLYBDATE (LAMO _x) AS ELECTROLYTE MATERIAL FOR SOLID OXIDE FUEL CELL", Gaurav Pandey, MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY,INDIA |
| 1561 | CP-1561 | 2440 | "FIRST PRINCIPLES STUDY OF $\text{Na}_3\text{V}_2\text{O}_2(\text{PO}_4)_2\text{F}$ CATHODE MATERIAL FOR RECHARGEABLE SODIUM ION BATTERY", Sonu Kumar, MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY,INDIA |

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| 1562 | CP-1562 | 2445 | "NUMERICAL SIMULATION AND OPTIMIZATION OF LEAD-BASED PEROVSKITE SOLAR CELL WITH INORGANIC HTL USING SCAPS-1D", Vaibhav Pandey, MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY,INDIA |
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