

POSTER PRESENTATION

Reg. No	Title	Presenting Author	Institute	City
211	Oxypropylation of Soda Lignin Extracted from Waste Jute Bags to Lignopolyol as a Precursor for Thermoplastic Polyurethane Synthesis	Dheeraj Ahuja	Panjab University	Chandigarh
212	Ultrasensitive Electrochemical Detection of Uric Acid by Uricase Immobilized Au-Rgo Electrode	Shilpi Verma	CSIR-National Physical Laboratory	New Delhi
213	Fenugreek Mucilage as Flocculating Agent for Removal of Congo Red from Aqueous Solution	Alpa Yadav	Gautam Buddha University	Greater Noida
215	Synthesis and Characterization of Bortezomib Encapsulated Biodegradable Polymeric Nanoparticles for Multiple Myeloma Therapy	Sachchidanand Tiwari	IIT Delhi	New Delhi
217	Novel Borassus Powder as a Nucleating Agent for Poly(Lactic Acid)	Yogesh Nana Marath	CSIR-National Chemical Laboratory	Pune
218	Epdm/Nbr Elastomeric Blend for Futuristic Solid Rocket Motor Casing Application	Kesiya George	LARPM, CIPET	Bhubaneswar
219	Effect of Chain Length of PEG Cross Linkers on Poly(Acrylic Acid) Hydrogels Synthesized by Furan-Maleimide Click Chemistry	Neha Tiwari	National Chemical Laboratory	Pune
222	Electrospinning of Non-Ionic Cellulose Ethers for Biomedical Applications	Ashwini Chandrashekar Wali	CSIR-National Chemical Laboratory	Pune
223	To Study and Measure the Aggregation of a Protein Using Isothermal Titration Calorimetry	Ruby Bansal	IIT Delhi	Delhi
224	Characterization of Flow Regimes for a Shear Thickening Fluid Through a Confined Cylindrical Channel	Garima Vishal	IIT Delhi	New Delhi
225	Development of Conducting Polymer/Engineered Nanomaterial – Hybrid Nano-Composite for Cholesterol Biosensor	Durgadevi Paulpandian	CIPET	Bhubaneswar
226	Development of Polymer Nanofibers Coalescence Elements of Electrospinning	Harini Paulpandian	CIPET	Chennai
227	Transparent Super-Hydrophobic Manganese Doped Zinc Oxide/Polystyrene Nanostructure Thin Films	Mohd Faraz	IIT Delhi	New Delhi
231	Development of Biodegradable Disc Shaped Ethyl Cellulose Nanoparticles for Anticancer Drug Delivery	Amarnath Ram Singam	CSIR-National Chemical Laboratory	Pune
232	Hydrophilic PLA and PCL Nanofiber Mats for Enhancing Cell Interactions	Pratikshkumar Rameshbhai Patel	CSIR-National Chemical Laboratory	Pune
234	Synthesis and Characterization of in-situ Polymerized PLA-HNT Bionanocomposites	Manju P	CIPET	Bhubaneswar
235	Development of Chitosan-ZnO/ Polypyrrole Bio-Nanocomposite Platform for Cholesterol Biosensor	Neethu Antony	LARPM, CIPET	Bhubaneswar
236	Preparation of Polypyrrole/Graphene Derivative Composite for Energy Conversion Applications	Bumika M	CIPET	Bhubaneswar

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237	Advanced PVDF - Ag/TiO ₂ Based Membrane for Water Purification	Jnyana Ranjan Mishra	CIPET	Bhubaneswar
238	Effect of Nanofillers on Modification of Piezoelectric Properties of PVDF	Rajesh Sahoo	CIPET	Bhubaneswar
240	Synthesis of Psyllium-Agar Based Hybrid Biodegradable Superabsorbents	Jya Hatta	Dr B R Ambedkar National Institute Of Technology	Jalandhar
242	Adsorption Characteristic of Nano Composite Material for Removing Cd(II) from Aqueous Media	Amna Khatoon	Aligarh Muslim University	Aligarh
243	Synthesis and Characterization of Novel Sulfonated Poly Oxybenzimidazole Membranes for PEM Fuel Cell Applications	Cheluri Nagendra Prasad	Pondicherry University	Pondicherry
244	Low Adhesion Coating Material	Smruti Ranjan	LARPM, CIPET	Bhubaneswar
245	Bio Degradable Packaging Film From Renewable Resources	Bishwabhusana Pala	LARPM, CIPET	Bhubaneswar
247	Effect of Cross Linkers on Drug Delivery from Cotton Grafted Hydrogel Composite	Preeti Gupta	Delhi Technological University	Delhi
248	Dynamic Mechanical, Thermal and Morphological Analysis Of PP Reinforced Sisal Fibre and Carbon Fibre Hybrid Composites	Jyoti Agarwal	LARPM ,CIPET	Bhubaneswar
249	Development of Conductive Adhesive for Thermal Sensor Interconnection	Sagar Kumar Nayak	Bhubaneswar	Bhubaneswar
250	Acid Phosphate Doped Poly(2,5-Benzimidazole) - Cyanoferrate Hybrid Composite Membranes For HT-PEMFC	Rosalin Rath	CIPET	Bhubaneswar
253	Piezoelectric Poly(Vinylidene Fluoride) - Nanoclay Hybrid and its Application As Energy Harvester	Anupama Gaur	IIT BHU	Varanasi
254	Microcellular Cell Structure Evolution of Polypropylene / Gamma Irradiated Elastomer Blends	Anindya Dutta	IIT Delhi	New Delhi
256	Physico-Chemical, Thermal and Mechanical Properties of Recycled PVC Recovered from Waste Electrical and Electronic Equipments (WEEE)	Omdeo Kishor Rao Gohatre	LARPM, CIPET	Bhubaneswar
257	Biomimetic One-Step Assembly Of Polymeric Nacre Based On Polylactide	Sabapathy S	IIT Delhi	New Delhi
258	Fabrication of Electrospun Nanofiber Stationary Phases from Polyacrylonitrile Copolymer for Future use in Ultra Thin Layer Chromatography of Amino Acids	Abdul Moheman	Gandhi Faiz-e-Aam College	Shahjahanpur
259	Employing Microbial Consortium for Enhanced Polyhydroxyalkanoate (PHA) Production	Priyam Tyagi	Amity Institute of Biotechnology	Noida
267	Truxene and Extended Truxene Core Derived Blue Emitters for Display Applications	Banpreet Kaur	IIT Delhi	New Delhi

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269	Bacterial Cellulose Silver Nanocomposites for Food Packaging Application	Shivakalyani Adepu	IIT Hyderabad	Hyderabad
271	Sodium Alginate Assisted Nanogold Synthesis, Characterisation and Study of Solution Properties	Amrita Pritam Sahoo	Veer Surendra Sai University of Technology	Sambalpur
272	Modified Clay Doped Flexible Gelatin/Sericin Blend Films for Food Packaging Applications	Radhika Batra	Delhi Technological University	New Delhi
274	Nano Gold Embedded Cellulose Grafted Polyacrylamide Nanohydrogels as Vehicle for Drug Delivery	Kalyani Prusty	Veer Surendra Sai University of Technology	Sambalpur
277	Molecular Characterization of an Extracellular Biopolymer from Bacillus Altitudinis	Urmi Halder	The University of Burdwan	Burdwan
281	Development of Antimicrobial Polyurethane for Biomedical Applications	Manali Somani	IIT Delhi	New Delhi
282	Novel Biocomposites Prepared from Nettle and Poly(Lactic Acid) Fibers	Navdeep Kumar	IIT Delhi	New Delhi
283	Development of Hybrid Nano Composites and Joining Technology for Lightweight Structures	Deepak S	CIPET	Chennai
286	Cellulose from Fermented Beverages - Kombucha and Wine	Mani Illa	IIT Hyderabad	Hyderabad
294	Effect of Thermoplastic Elastomer on The Properties of Biodegradable Poly(Lactide)	Ranjana Nehra	IIT Delhi	New Delhi
296	Facile Preparation of Microwave-Assisted Biodegradable Sg-cl-poly(AAm) Semi-IPN Hydrogel	Amit Kumar Sharma	Dr B R Ambedkar National Institute of Technology	Jalandhar
297	Modified Clay Loaded Polyvinyl Alcohol Nanocomposite Nanofibrous Mats	Bainnie	Netaji Subhas Institute of Technology	New Delhi
298	Novel Zinc Based Dithiophosphates in View of Nanolubrication Technology	Atiya Syed	University of Jammu	Jammu
303	Unified Bio-Composite: An Attempt to Conceive Thermally Stable Collagen Based Polymeric Bio-Composite	Sharmila Selvaraju	CSIR-CLRI	Chennai
304	Reactive Functionalization of Graphene Based Materials With Thermoplastic Polyurethane: Effect of Nanomaterial Structure on Final Properties	Madhab Bera	Paper Mill Road	Saharanpur
307	Processing And Properties Of Epoxy/Styrene-Co-Acrylonitrile/Cloisite 20A Composites	Anu Surendran	International and Inter University Centre	Kottayam
310	Enhancing Lithium-Sulphur Battery Performance Using Copolymers Based on Renewable Phenols	Bimlesh Lochab	Shiv Nadar University	Greater Noida
337	Preparation of Nanosilver Using Herbal Extracts for Antimicrobial Application	Anushka Gupta	Jayoti Vidyapeeth Women's University	Jaipur

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339	Synthesis and Characterisation of Polyimides for Aerospace Applications	Chandra Sekhar Patra	LARPM	Bhubaneswar
342	Colorimetric Assay and Antimicrobial Activity of Chitosan Biopolymer Treated Wool with Bixa Orellana Seed Extract as a Source of Natural Dye	Shahid Ul Islam	IIT Delhi	New Delhi
344	A New Approach For The Development Of Peek Nanocomposites Reinforced With Polycarbosilane Derived β -SiC Coated MWCNTs	Vishal Verma	Central Institute of Plastics Engineering & Technology	Lucknow
345	Ceramic Core and Polymer Shell Nanoparticles as Bone Substitute Material for the Delivery of Therapeutic Agents	Ram Prasad Sekar	IIT Madras	Chennai
349	Fabrication of Tragacanth gum -g-poly(Itaconic Acid) Nanogel for Antimicrobial Study	Chetna Verma	Shoolini University	Solan
350	Design and Development of Functionalized Lipid Nanoparticles for Synergistic Treatment to Rheumatoid Arthritis	Asiya Mahtab	Jamia Hamdard	New Delhi
352	Synergistic Effect of Graphene Oxide –Chloroquine Nanoconjugate to Induce Lysosomal Destabilization Mediated Necroptotic Cell Death	Braham Dutt Arya	CSIR-NPL	New Delhi
354	Effect of Chain Length on Microstructural and Mechanical Properties of A-B-A Type Biodegradable Aliphatic Triblock Copolymers	Debanga Bhusan Konwar	IIT Delhi	New Delhi
364	Semiconducting Sulphonated Polyurethane As A Redox Mediator For Quantum Dot Sensitized Solar Cells	Sunil Kumar	IIT BHU	Varanasi
365	Development of CNT-Polymer Composite for Testing Biosensing Properties	Neha Gopal	Amity University	Greater Noida
368	Development of Self-Assembling Nanostructures of Environmentally Benign Lignin and Exploring its Potential as Drug Carrier	Lubna Siddiqui	Jamia Hamdard	New Delhi
369	Engineering of Lipid Based Nanoformulation of Poorly Water-Soluble Drug Exemestane: Formulation Design, Characterization and Ex Vivo Assessment	Archu Singh	Jamia Hamdard	New Delhi
371	Phytochemical Investigation and Antimicrobial Activity of Different Plant Extracts Against <i>C. Guilliermondii</i> SN 2006	Fehmeeda Khatoun	Jamia Millia Islamia	New Delhi
372	Agarose Based Transparent Substrates for Versatile Flexible Electronics Applications	Sankalp Verma	IIT Kanpur	Kanpur
373	Synthesis, Characterization and Bactericidal Evaluation of Novel Hydantoin Based Polymer	Rajani Kant Rai	IIT Madras	Chennai
376	Small Peptide Neuro-Nanotheranostic Agents for Efficacious Drug Delivery Across the Blood Brain Barrier	Taru Dube	Institute of Nano Science and Technology	Mohali
383	One-Step Synthesis and Characterization of Agarose-Based Silver Nanoparticles	Kalpana Rathore	IIT Kanpur	Kanpur
388	Non Hydrogen Bonding Segmented Polyurethanes with Stimuli Responsive Shape Memory Properties Through the Assembly of Hard Segment Domains	Narasimha Billa	University of Hyderabad	Hyderabad

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401	Antibacterial Soluble Glass for Polymeric Composites	Neeta Kumari	IIT Delhi	New Delhi
402	Polyamine Phosphate Ester Blends with Oxypolybenzimidazole to Improve the Properties of Proton Exchange Membrane	Rambabu Koyilapu	University of Hyderabad	Hyderabad
407	Synthesis, Characterization and Drug Delivery Application of Dual Drug Loaded Core-Shell Nanoparticles Based on Fully Alternating Copolymer	Piyush Gupta	IIT Madras	Chennai
408	Synthetic Route for Novel Commiphora Mukul Based Hydrogel And Further Investigation for the Studies of its Physico-Chemical Properties	Priya Bhalla	Dr. B.R Ambedkar Natioanal Institute of Technology	Jalandhar
415	MOFs Treated Textiles	Bharti Mangla	Jamia Hamdard University	New Delhi
418	Anticancer Drug Loaded Folate Conjugated Multiwalled Carbon Nanotubes.	Bharti Mangla	Jamia Hamdard University	New Delhi
428	Development of Cyst-Chitosan/Odex/Locust Bean Gum Based Semi-IPN Cryogel For Hemostatic Application	Lalit Kumar Meena	Central University of Gujarat	Gandhinagar
431	Cerium Oxide Nanoparticle Functionalised PCL-Gelatin Fibers as an Antioxidant Model for Wound Healing Applications	Hilal Ahmad Rather	Central University of Gujarat	Gandhinagar
432	Energy Harvesting from Polyvinylidene Fluoride /Reduced Graphene Oxide(PVDF/rGO) Composites for Biomedical Applications	Chandan Kumar	IIT BHU	Varanasi
440	A Contrivance Based on Electrochemical Integration of Graphene Oxide/Nickel Oxide Nanocomposite for Bilirubin Biosensing	Rachna Rawal	University of Delhi	Delhi
441	Thickening Fluids: Processing, Rheology and their Applications	Mansi Singh	Thapar University	Patiala
450	Novel Green Nanocomposites Based on TPS/Surface Modified Cellulose Nanofibrils	Mandeep Singh	Panjab University	Chandigarh