

Abstracts Accepted for Poster Presentation		
First Author	Institute/University	Title of the Abstract
A B Hemavathi	SJCE, JSS STU, Mysore	Development of Ecofriendly Food Packaging Film based on Gluten, Poly(ethylene) oxide and Chitosan
Akash Soitey	Netaji Subhas University Of Technology (NSUT), Delhi	Synthesis of Chitosan-Azo-Vanillin Schiff Bases for Photochromic and Antimicrobial Applications
Akshay Chauhan	IISER Pune	Salt-Driven Structural Transitions in Charged Polymers: From Micellar Self-Assembly to Antipolyelectrolyte Conformations
AMAL RAJ R B	CSIR-NIIST	Unlocking Hierarchical Structures of Semicrystalline Polymers with 2D SAXS/WAXS
Aman Kumar Singh	CSIR - National Chemical Laboratory	Design and Synthesis of Imine-Based Hardeners for Epoxy-Derived Covalent Adaptable Networks
Ambuz BASAK	INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE	Functional Ionic Liquid Monomers, Poly(Ionic Liquid)s and Their Versatile Applications
Animesh Gopal	CSIR National Chemical Laboratory Pune	Improving Toughness and Dimensional Stability in Recycled HDPE through LLDPE Blending for FFF 3D Printing
Animesh Maji	CSIR-CMERI, Durgapur, West Bengal, Pin-713209	Development of AgNWs-rGO/PVDF composites for flexible strain sensor in wearable electronics with thermal management
Ankit Agarwalla	CSIR-National Chemical Laboratory, Pune	Chitosan-based Thin-Film Composite Membrane on PES Support for Selective CO ₂ Separation
ARINDAM PAL	IISER PUNE	DNA Polymerase-Mediated Incorporation of Clickable Nucleotide Analogs for Post-Replication Functionalization of DNA
ARITRI PAL	IACS, Kolkata	Remarkable "Odd-Even Effect" in Supramolecular Polymerization and Piezoresponse of Naphthalene Diimide Derivatives
Aruna Kukrety	CSIR-Indian Institute of Petroleum Dehradun	Synthesis and Application of Amphiphilic Polyester Surfactants for Improved Flow and Corrosion Resistance in Crude Oil Transport
ASHWANI P V	CSIR-NCL, Pune	Schiff base-based high-performance epoxy vitrimers
Bhavika Bhatia	Shiv Nadar Institution of Eminence	Photodegradable Biobased Polybenzoxazines: Toward Circular Thermosets
Bichu Sebastian	IISER Thiruvananthapuram	Unclicking the Click: A Depolymerizable Clicked Polymer via Two Consecutive Single-Crystal-to-Single-Crystal Reactions
BINDHU S	JSS Science and Technology University	Evidential Studies of Structural, Morphological, Optical and Electrical Properties of Poly (Lactic) acid/Dysprosium Molybdate Nanocomposites
Chayanika Bharadwaj	CSIR - North East Institute of Science and Technology, Jorhat	High performance antibacterial PVA composite films incorporated with alumina silica as fillers for active packaging material
Chhandita Chakraborty	PhD Scholar (SRF) / IACS	White-Light Emitting Redox-Active Two-Dimensional Assembly of a Phenothiazine Derivative via Crystallization-Driven Self-Assembly of Poly(L-lactide)
Chinmoy Kuila	CSIR_CMERI	Thermally Conductive & Mechanically Robust Zr–BN–Carbon Fiber/Epoxy Hybrid Composites

Cleona Elizabeth Mary DCruz	Department of Pharmaceutics, Goa College of Pharmacy, Goa	Cubosomal Nanogel Patch: Polymer-Nanostructure Synergy for Advanced Transdermal Drug Delivery
Dheeraj Chandra Joshi	NCL Pune	Melt Polycondensation Strategy to Access Unexplored L-Amino Acid and Sugar Copolymer
DIBYENDU MAJI	IISER TVM	Single-Crystal-to-Single-Crystal Synthesis of a Large Macrocyclic through a Solid-State Driven TEAC Reaction.
Digvijay Prashant Mahajan	CSIR-National Chemical Laboratory	Use of Metastable Polyethylene as an additive for manufacturing high Performance polyolefin blends
Dipjyoti Bora	CSIR – North East Institute Of Science And Technology (NEIST)	Synergistic design of PVA/CMC/nano clay-based composite films with gallic Acid for intelligent packaging performance
DIWAKAR CHAUHAN	Netaji Subhas University of Technology, Dwarka Delhi 110078	Valorization of polystyrene waste for development of cross-linked bio-composite based functional material
Gobinda Chhetry	IIT Guwahati	Effect of patterns on Polyacrylamide hydrogel surface towards enhancement of water retention
Hemant Veer Jain	Senior Research Scholar, CSIR-IITR, Lucknow, Uttar Pradesh, India	Beyond Efficacy: Tailoring Argo-Formulations for Environmental Stewardship via Starch-Alginate Encapsulation of Pesticides
Jahanvi Ralhan	Institute of nanoscience and technology	Role of amyloid-inspired peptide in azobenzene tethered peptides to dictate self-assembly and photo-isomerization
Jefin Parukoor Thomas	CSIR-National Institute For Interdisciplinary Science and Technology (NIIST)	Proximity-induced FRET and charge-transfer between quantum dots and curcumin enable reversible thermochromic hybrid polymeric films
JOY DAS	Indian Association for the Cultivation of Science	Self-Assembled Cysteine block Copolypeptide Vesicles: Dual-Responsiveness and Photo-Triggered Dye Release
KRISHNA KAMAL HAZARIKA	CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY	Multifunctional Biodegradable Nanoporous Polymer Nanocomposite Films for Integrated Micro-Solar Drying and Sustainable Packaging Applications
Krishnendu Jana	Indian Institute of Science Education and Research Bhopal	Microporous organic polymer and nanocomposite material-based anode for sodium-ion battery
Lekha M P	National Institute of Technology, Karnataka	Bimetallic Co/Mg metal organic frameworks for the adsorptive removal of brilliant green from aqueous solutions
Mansi	CSIR-Indian Institute of Petroleum Dehradun	Visible light induced photoATRP of acrylate and higher alpha olefins
MEDHA PRAKASH	CSIR-NATIONAL CHEMICAL LABORATORY, PUNE	Continuous Flow synthesis of P(NDI2OD-T2) and its copolymers by Stille Polymerization
Merin Joy	CSIR-NCL	Donor-Acceptor-Donor Redox Moiety Comprising Urethane Polymer as Stable Anode for Li-Ion Battery
MOUMITA SHEE	SCHOOL OF NANOSCIENCE AND TECHNOLOGY, IIT KHARAGPUR	pH-responsive Fluorescent-active Antifouling Microgels having Disulfide linkage for the Application of targeted REDOX-active Drug Delivery to the MDA-MB-231 Cancer cell
Mousumi Maji	Department of Chemical Engineering, National Institute of Technology (NIT)	Fabrication of Colorimetric Polymeric Sensor Films with Natural Pigment for Ammonia Gas Detection and Monitoring of Food Freshness.

Muddukrishnaiah Kotakonda	Jamia Salfiya Pharmacy Collge, Pulikkal, Malappuram	Bioprospecting Marine Bacterium Actinoalloteichus cyanogriseus for Melanin (Biopolymer) Production with Promising Anticancer Applications
Muhammed Nasik	CSIR-NIIST, Trivandrum	Formation of Metastable Crystalline Forms During Confined Crystallization of PLLA in Glassy Poly(isoprene-b-L-lactide) Diblock Copolymer and Their Influence on Phase-Separated Morphology
MUMTHAZ SALIM	CSIR-NIIST, THIRUVANANTHAPURAM	Designing Mixed Donor–Acceptor Systems via Stereocomplex Crystallization of Chromophore-Appended Poly(lactide)s for Energy Transfer
Nishtha Arora	CSIR-Indian Institute of Petroleum	Pinecone-derived Biocarbon-Polylactic Acid Composites for Sustainable 3D Printing
Pankhudi Bhutada	Symbiosis School of Biological Sciences, Pune	Macroporous pHEMA–Chitosan Cryogels: A 3D-culture system to derive MSC-Secretome for Cell-free Regenerative Therapeutics
Pradeepa. K.G.	JSS Science and Technology University, Mysore	Sustainable 3D-Printed PLA Scaffolds Reinforced with Coconut Shell Derived Nanocellulose for Tissue Regeneration Applications
Pranali Suryakant Bijjargi	CSIR - National Chemical Laboratory, Pune 411008	Zein–FHSA Composite Films for Controlled Vitamin E Delivery: Fabrication and Functional Characterization
Pranjal Protim Dutta	CSIR-North East Institute of Science and Technology	Poly(octadecyl methacrylate-co-vinyl acetate) as polymeric additive for NE-waxy crude and their performance study
Prashansa Gupta	Shiv Nadar Institute of Eminence	Degradable Spiroacetal-Bridged Bio-derived Polybenzoxazine Thermosets
Praveenkumar Sappidi	Indian Institute of Technology Jodhpur	Tuning Conformational Properties of Polyaniline in Water and Ionic Liquids-Water Mixtures using Molecular Dynamics Simulations
Puspita Kumar	Department of Chemistry IIT Madras	D-Galactose Functionalized Dendrimer-based Thixotropic Molecular Gel as a Potential Topical Formulation for Antifungal Drug Delivery
Rachana I Malekar	Karnatak University Dharwad	Influence of Film Thickness and Sliding Frequency on the Performance of PVA-Based Triboelectric Nanogenerator
Ranit Bhandary	Institute of Nano Science and Technology, Mohali	Designing ECM-inspired bioactive 3D hydrogel scaffolds as advanced biomaterial to mimic native cellular microenvironment
Ratan Halder	Indian Institute of Science Education and Research Kolkata	Oxidative Stress Amplifying Norbornene-Based Polymeric Nanocarrier for Multidrug-Resistant Cancer Chemotherapy
RAVI PURBEY	CSIR-NEIST, JORHAT	Green synthesized Zinc Spinel-infused chitosan/gelatin biocomposites films for sustainable packaging applications
Riddhi Dutta	CSIR-North-East Institute of Science and Technology	Poly(EMA-co-VA) as flow modifier for North-Eastern waxy crude
Rohan Singh	Department of Chemistry, University of Delhi	Evaluating multi-state free energy profiles from splitting probability
Sachin Dua	CSIR-Indian Institute of Petroleum	Synergistic Enhancement of Epoxy Coating Corrosion Resistance Using Functionalized Biochar and Thiosemicarbazone in 3.5% NaCl Environment
Sadhna Semalty	CSIR- Indian Institute of Petroleum	Synthesis of elemental sulfur-based polymers catalyzed by zinc acetate

Samar Dhiman	Senior Research Scholar, CSIR-IITR	Clay/natural polymer scaffolded optimized composite for removal of heavy-metals
Sarika Hanamant Birajdar	CSIR-NCL Pune	Polyurethane comprising pyridyl diketopyrrolopyrrole for efficient transport of Li-ions and Stable Performance of Li Ion Batteries
SATYAM KUMAR JHA	CSIR - NATIONAL CHEMICAL LABORATORY	Synthesis and Characterization of Curcumin Diacid: A Novel Crosslinker for Chitosan with Potential Biomedical Applications
Saurabh Prakash Ghodke	CSIR-National Chemical Laboratory Pune	Synthesis and Characterization of Curcumin Diacrylate-Crosslinked Styrene-Based Organogel for Metal Ion Extraction Applications
Shaikh Maulali Haidar	CSIR NCL Pune	Designing of Imine Thiophene-ligated Metal-complexes and Implication in Ethylene Polymerization
SHARMIN PERCY KIKA	CSIR- NATIONAL CHEMICAL LABORATORY	Variation in Side Chain Polarity and its Impact on Li-Ion Battery Performance
Sheetal Nandimath	CSIR-National Chemical Laboratory	Upcycled rPP/PLA Blends for Enhanced Thermoformability and 3D Printability
Sifa C Francis	CSIR-National Chemical Laboratory, Pune	Preparation of Polysaccharide-based Hydrogel: From Gelation Studies to Drug Delivery
Sourabh Singh	Indian Institute of Technology Kanpur, Kanpur , Uttar Pradesh	Upcycling of polymer waste to closed-loop recyclable polymers
SUDEEPTA BARUAH	CSIR-NORTH EASTERN INSTITUTE OF SCIENCE AND TECHNOLOGY	Valorization of Invasive Aquatic Biomass into Reinforced Natural Fibres via Designer Polymeric Coating for Sustainable Applications
Sunita kumari malla	Indian Institute of science, Bengaluru	Topological Effects in Crosslinked Polymer Networks: Impact on Mechanical Performance
Sunita Saha	Indian Institute of Technology Bhilai	Glucose-responsive and Sustained Insulin-releasing G-quartet/Protein Hydrogel Promotes Week-long Normoglycemia in Diabetic Rats
Supriya Bandyopadhyay	Indian Association for the Cultivation of Science	Room Temperature Ferroelectricity in Self-Assembled Donor-Acceptor Systems
SWETA MOHANTY	Institute of Nano Science and Technology (INST), Mohali	Designing pathway-dependent multicomponent supramolecular peptide hydrogels as effective biomaterials for controlling cellular behaviour
Tejas Rajput	CSIR NCL, Pune	Enhancing the mechanical stability of carboxymethyl cellulose hydrogels and its application in direct ink writing
TIYASHA BISWAS	Indian Institute of Science Education and Research Kolkata, Mohanpur, India	Polynorbornene Conjugated Hyperbranched Networks for Anti-microbial/Anti-fouling Applications
Vatsalya Gupta	Indian Institute of Technology Kanpur	Upcycling of Waste PET via Reprocessable Thermoset-like Covalent Adaptable Networks (CANs)
Yaiswarya Das Karmakar	PhD Scholar (SRF)/Indian Association for the Cultivation of Science	Organic Heterostructures by Surface-Catalyzed Secondary Supramolecular Polymerization
Yogesh gaikwad	CSIR National Chemical Laboratory Pune	DLP 3D Printing demonstrated using Post Modified PEEK Polymer