

Abs No.	Title	Full Name (Presenter)	Institution	City	Abstract Title
3	Dr.	Sadiya Anjum	Indian Institute of Technology Delhi	New Delhi	Nanoengineering of Bioactive Gels for Human Healthcare
11	Dr.	vinay kumar	sant longowal institute of engg and tech.	longowal distt sangrur	Development and Characterization of Rice husk Polypropylene Composites
13	Ms.	Shikha Shrestha	Purdue University	West Lafayette	Effect of Cellulose Nanocrystal (CNC) Length on Properties of Polyvinyl Alcohol Composite Fibers
18	Dr.	Rajakumar kanthapazham	Bannari Amman Institute of Technology	Erode	Abstraction of Pb ²⁺ , Ni ²⁺ and Cd ²⁺ ions using Pyrrole linked 4, 4'-diaminodiphenyl sulfone copolymer nanocomposite
53	Prof.	Dr. Rajashekhar Bhajantri	Department of Physics, Karnatak University, Dharwad-580003	Dharwad	Preparation and Characterization of Synthesized Chalcone Derivative doped Poly(methyl methacrylate)
54	Dr.	Bindra Shrestha	Tri-Chandra Multiple Campus	Kathmandu	Treatment of industrial effluents by using biopolymers from waste materials
60	Prof.	MUKTIKANTA PANIGRAHI	Gandhi Institute of Engineering and Technology	GUNUPUR	Improved Tensile Strength of DL-PLA/ZnO Nanocomposites for Potential Application(s)
61	Dr.	KESHAW RAM AADIL	NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR	RAIPUR	Fabrication and characterization of silver nanoparticle loaded lignin-poly(vinyl alcohol) nanofiber for multifaceted applications
63	Prof.	Uttam Kumar Mandal	Guru Gobind Singh Indraprastha University	New Delhi	Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ @ Polyaniline nanocomposite – an efficient green catalyst as well as catalyst activator for water remediation
66	Dr.	Gitanjali Majumdar	Assam Engineering College	Guwahati	Biogenic carbon dots for detection and removal of water pollutants
67	Dr.	Bhisham Narayan Singh	IIT BHU	VARANASI	Bioactive Polyelectrolyte Based Polymer/Inorganic Porous Composite Scaffold for Bone Tissue Engineering
85	Dr.	Satish Kommoji	UPES	Dehradun	Studies on thermoformability of polypropylene sheets
87	Dr.	SUSHAMA MILIND GIRIPUNJE	VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR, INDIA	NAGPUR	Effect of Precursor Molar Ratio and pH on Morphology and Photoluminescence Characteristics of Zn-Al Layered Double Hydroxide Nanoparticles
90	Dr.	Jandas	Shenzhen University	Shenzhen	Rheological characterization of poly(lactic acid) with customized interface: A processing perspective
92	Dr.	TUNGABIDYA MAHARANA	NIT RAIPUR	RAIPUR	Transformation of Carbon Dioxide by Schiff Base Metal Complexes and formation of Polycarbonate
99	Dr.	VIJU S	PSG COLLEGE OF TECHNOLOGY	COIMBATORE	Functionalization of Nettle Fibers for Oil Spill Cleanups
100	Dr.	THEJAS GOPAL KRISHNE URS	University of Mysore	Mysuru	Determination of dopant induced lattice deformations in polymer composites: A visualization of variation co-efficients as a function of concentration
103	Dr.	Dr. Pradip K. Maji	Indian Institute of Technology Roorkee	Saharanpur	Agricultural Waste Derived Highly Flexible and Resilient Nanofibrillated Cellulose Aerogel for Energy Efficient Building Insulation Application
105	Prof.	M. S. Gaur	Hindustan College of Science & Technology	Mathura	Piezo and pyroelectric properties of PVDF – BaTiO ₃ triple layered nanocomposites
107	Ms.	Lilla Simon-Stóger	University of Pannonia	Veszprém	Upcycling of waste rubbers by blending them in polyolefins
117	Dr.	Balaram Pani	Bhaskaracharya College of Applied Sciences	New Delhi	Ag/SiO ₂ Composite Nanostructures for Surface Plasmon Enhanced Photocatalysis
122	Dr.	Rashid Ilmi	Sultan Qaboos University	Muscat	Highly Stretchable Polyurethane Doped Hybrid Thin Film of Red Emitting Eu(III) Complexes for Organic Light Emitting Diode Applications
127	Mr.	János Sója	University of Pannonia	Veszprém	Plastic Waste Recycling by Thermo-Catalytic Pyrolysis: Production of Energy Products

Abs No.	Title	Full Name (Presenter)	Institution	City	Abstract Title
138	Dr.	Hemant V. Joshi	Maharashtra Institute of Technology	Pune	Polyurethane based Polymer Concrete
144	Dr.	vimala kanikireddy	Osmania University	kurnool	Fabrication of CMC-Guargum silver nanocomposite films for inactivation of foodborne bacteria
148	Dr.	Surabhi Singh	IIT Delhi	Delhi	Multifunctional herbal dextran based bionanocomposite membranes as scar preventive wound dressings
152	Dr.	Poushpi Dwivedi	Indian Institute of Technology (B.H.U.)	Varanasi	Energy Generation from Polymeric Waste Pyrolysis through Nanocatalytic Route: A Viable Environmental Waste Management Technique
154	Dr.	ALEKHA KUMAR SUTAR	RAVENSHAW UNIVERSITY	CUTTACK	Mono-, Bi-metallic Alkoxide Complexes for Ring Opening Polymerization of Lactide
156	Mr.	Pravesh R	Resil Chemicals Pvt. Ltd.	Bangalore	Development of Stable Titania Nanofluid for Engine Oil by In-Situ Method
157	Ms.	Vivekadharshini	Resil Chemicals Private Limited	Bangalore	Synthesis, Characterization and Evaluation of Nano-materials in Personal Care Formulations
159	Dr.	Jignesh Harikrishna Trivedi	Post Graduate Department of Chemistry	Vallabh Vidyanagar	Synthesis, Characterization and Swelling Behaviour of Superabsorbent Hydrogel from Sodium Alginate-g-PAN
161	Dr.	Abhishek Gandhi	CIPET Bangalore	Bengaluru	Influence of Recycling on Morphological Transformations in Solid-State Microcellular Foaming of Polystyrene
162	Prof.	Adel Mohamed Ali EL-Hadidy	Mansoura University, Faculty of Engineering	Mansoura	Plasma Modification of Micro-fiber Polyester Fabrics for Protective Applications
164	Prof.	Himansu Sekhar Nanda	Indian Institute of Information Technology Design and Manufacturing	Jabalpur	Design and Development of Mechanically Robust Biomaterials and Bioadhesives for Clinical Applications
165	Dr.	Nwuzor Iheoma Chigoziri	Nnamdi Azikiwe University Awka	Awka	Synthesis, Characterization and Performance Evaluation of Cardanol Acetate in Alkyd Paint Production.
169	Dr.	Rajeev Mehta	Thapar Institute of Engineering & Technology	Patiala	Shear - Thickening Fluids with additional nanoclay particles and modified suspension medium
175	Dr.	Deepika Gupta	Indian Institute of Technology	New Delhi	Impact of solvent nature on rheology and electrospinning behavior of poly(vinyl alcohol)
179	Dr.	Aabid Hussain Shalla	Islamic University of Science and Technology	Awantipora	Rheological and Sorption behavior of Carboxymethylcellulose \square Ethane-1,2-diyl-bis(N,N-dimethyl-N-dodecylammoniumacetoxyl) dichloride's Hybrid Hydrogel.
181	Dr.	SUKDEB SAHA	RELIANCE INDUSTRIES LIMITED	VADODARA	Synthesis of polybutadiene rubber / nanocomposites by in-situ polymerization and their characterization
185	Dr.	Pramod S Joshi	Gharda Institute of Technology	Chiplun	Mechanical Properties of the foamed Polymer Concrete using Epoxy as matrix and Fly ash as filler
187	Mr.	Subrata Chandra Das	Bangabandhu Textile Engineering College	Tangail	Effect of Gamma Radiation on the Physico-mechanical and Degradation Properties of Bitumen Emulsion and Polyester Resin Treated Jute Fabrics
188	Dr.	John T. King	Institute for Basic Science	Ulsan	Slip-Layers in Flowing Complex Fluids Revealed via Super-Resolution Imaging
189	Ms.	Vaishali Kapoor	World University of Design	Sonepat	Plastic Waste Management
191	Ms.	Jincy Joy	Indian Institute of Technology Delhi	New Delhi	Hybrid Layered Electrospun Vascular Graft based on Gelatin for Small Diameter Blood Vessel Regeneration
198	Dr.	Shamayita Patra	Shri Vaishnav Institute of Textile Technology	Indore	Centrifugal Spinning: Pros and Cons in Nanofibre Spinning
199	Dr.	AJOY KUMAR SAIKIA	G.N.D.INSTITUTE OF TECHNOLOGY	New Delhi	Thermoresponsive Molecularly Imprinted hydrogels for Selective and Sequential Adsorption of BSA Protein
205	Mr.	Amit Sarker	International Yarn Trade Department, Shandong Hengtai Textile Co. Ltd.	Dhaka	Extraction and purification of natural dyes from Gardenia jasminoides and application on cotton knit fabrics

Abs No.	Title	Full Name (Presenter)	Institution	City	Abstract Title
207	Dr.	Ram Jeewan Yadav	P.N. Campus, Tribhuvan University	Pokhara	Synthesis of Superabsorbent Polymers (SAPs) from Agro-wastes and Water hyacinth
208	Dr.	Netra Lal Bhandari, PhD	Tri-Chandra Campus, Tribhuvan University	Kathmandu	Effect of Treated Natural Fibers on Morphology, Thermal, Mechanical and Water Absorption Behaviour of Lignocelluloses Polymer Composites
216	Mr.	Ishwor Pathak	Amrit campus , Tribhuvan University	Kathmandu	Biological and chemical studies of essential oil from Vitex negundo of Nepalese origin