

Abs No.	Title	Full Name (Presenter)	Institution	City	Abstract Title
5	Mr.	Amit Kumar Sharma	Dr B R Ambedker National Institute of Technology, Jalandhar	Jalandhar	Synthesis of some biodegradable nanocomposite scaffolds to control bacterial infection
14	Mr.	Jainil Anchan	University Of Petroleum and Energy Studies	Bidholi Campus	NOVEL POLYMER (PVC) COMPOSITES AND APPLICATIONS
15	Prof.	Bhuvanesh Gupta	IIT Delhi	New Delhi	Innovative Polymeric Biomaterials: Gateway to Human Healthcare
20	Ms.	Ruchira Rudra	University of Calcutta	Kolkata	Analysis of partially sulfonated low density polyethylene (LDPE) membranes as separators in microbial fuel cells
23	Ms.	HEMA GARG	Indian Institute of Technology, Delhi	NEW DELHI	Shape Memory Technology in Textile for Smart Applications
27	Ms.	Ankita Sharma	IIT, Delhi	New Delhi	Development of Alginate based dressing for wound care
28	Ms.	CHETNA VERMA	SHOOLINI UNIVERSITY	SOLAN	Smart Nanogels by Graft Functionalization of Tragacanth Gum
30	Mr.	GANESWAR DALEI	Ravenshaw University	DHENKANAL	Surface Modification of PVA/ Chitosan Biocomposite Films by Cold Plasma Technology for Biological Studies
31	Mr.	B. V. Shamsundara	The Automotive Research Association of India, Pune India	Pune	Comprehensive investigation of Acrylonitrile-Butadiene-Styrene (ABS) polymer for weathering with the combination of different blends of UV Stabilizers, HALS and Antioxidant
33	Mr.	Subhajit Hazra	Gupta College of Technological Sciences	Asansol	SYNTHESIS AND CHARECTERIZATION OF CHITOSAN BASED NANOGELS FOR STEM CELL DELIVERY
34	Mr.	Anthony Yesudass	CIPET-LARPM	Bhubaneswar	Poly(dimethylsiloxane)-Acrylic Polyurethane Foul-Release Coating Bearing Fluoroalkoxy Silane Pendant Group
38	Mr.	Hari Bhakat Oli	Amrit campus , Tribhuvan University	Kathmandu	Synthesis and characterization of CuNPs by using juice of Zingiberofficinale
42	Mr.	Prem Raj Shrestha	Tri-Chandra Campus	Kathmandu	Lantana camara Bark Extract as Green Corrosion Inhibitor for Mild Steel in 1M Hydrochloric Acid
43	Mr.	Bishal Thapa	Tri-Chandra Multiple Campus	Kathmandu	Bark Extract of Euphorbia Royleana as Green Corrosion Inhibitor on Mild Steel in 1 M HCl
45	Mrs.	Reena	Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi	Amethi	PVA Cross-linked Gel for Improving Sweep Efficiency and Water Shut-off Jobs in Hydrocarbon Bearing Reservoirs
46	Mr.	Mahesh Regmi	Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal	Kathmandu	Synthesis and Characterization of Activated Carbon Zeolite Composite from Coal Fly Ash for Pb (II) Removal from Aqueous Solution
47	Mr.	Sanjaya Dahal	Tri-Chandra Multiple Campus	Kathmandu	Synthesis of Red mud based geopolymers for the replacement of OPC
48	Mr.	Rajan Timilsina	Melamchi Water Supply and Development Board, MelamchiPoolbazar,	Kathmandu	WATER QUALITY ASSESSMENT OF MLAMCHI RIVER
50	Mr.	Abbas Ahmed	National Institute of Textile Engineering and Research	Sylhet	Adsorption Isotherm and Kinetics Studies of Commercial Anionic Dyes Removal from Aqueous and Textile Effluent Using Chitosan Bio-adsorbent
51	Mr.	Roshan Lama	Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal	Kathmandu	CORROSION INHIBITION OF MILD STEEL IN ACIDIC MEDIUM BY HIGH ALTITUDE PLANT EXTRACTS
52	Mr.	Abhishek Kumar Pathak	CSIR-National Physical Laboratory, New Delhi	DELHI	The role of novel ethylenediamine grafted graphene oxide in the next generation polymer nanocomposite for structural application
56	Ms.	Deepshikha Rai	Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal	Kathmandu	FORMATION OF POLYANILINE GRAFTED CHITOSAN BY CHEMICAL AND ELECTROCHEMICAL PROCESS
57	Ms.	Ankita Ojha	Maharaja College	Arrah	Organo-functionalization of silica for removal of toxic metal ions (Zn ²⁺ , Cd ²⁺ , Hg ²⁺)

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58	Ms.	Anita Kafle	Tri-Chandra Multiple Campus	Kathmandu	Corrosion inhibition of Jatropha Curcas bark extract on Mild Steel of Nepal
62	Mr.	Keshav Raj Paneru	Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal	Kathmandu	Adsorptive removal of Pb(II) ions from aqueous solution by activated carbon prepared from cabbage waste
64	Mr.	SUBHAJIT JANA	IIT(BHU) Varanasi	VARANASI	Rapid Formation of Self-assembled highly oriented polythiophene Film through Floating Film Transfer Method
65	Mr.	ANIRUDDHA JAISWAL	Indian Institute of Technology, (Banaras Hindu University), Varanasi, India	Varanasi	Direct Synthesis of Highly Photoluminescent S-doped Carbon Nitride dots by Thermal Treatment
68	Mr.	Sanjay Singh	Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal	Kathmandu	Effect of Na-K Tartarate on the Electropolymerization of Pyrrole onto Mild Steel
69	Mr.	manikandan	Central institute of plastics engineering and technology	bhubaneswar	Polyaniline nanotube/carbon block nanostructure an efficient catalytic effect for Platinum free dye sensitized solar cell application
70	Ms.	Sadiya Waseem	CSIR- National Physical Laboratory	New Delhi	Effect of Resin Modification on the Various Properties of Carbon Paper as Anode for Li-ion Batteries
72	Ms.	Dimple Chouhan	Indian Institute of Technology Guwahati	Guwahati	Silk fibroin hydrogel as an affordable alternative solution for treatment of third degree burn wounds
74	Ms.	SHWETA PAL	IIT BHU	VARANASI	Porous Carbon and Conductive Polymer Composite for Supercapacitive Application
75	Mr.	P. Agilan	Anna University	Chennai	Polyaniline/polydopamine-TiO ₂ nano composite as a promising biomaterial
78	Dr.	Wasudeo Gurnule	Kamla Nehru Mahavidyalaya, Sakkardara Square	Nagpur	Synthesis and Characterization of SBR- Nanocomposite with Carbon Black Nanoparticle
79	Dr.	Santosh Chakole	Kamla Nehru Mahavidyalaya, Sakkardara Square	Nagpur	Synthesis and Characterization of Copolymer Resin Derived from 2,2-Dihydroxybiphenyl and Propylene Diamine
81	Mr.	NARENDRA KUMAR	IIT-ISM, Dhanbad	Dhanbad	Characterization of Polymeric Surfactant stabilized Nanoemulsion for Enhanced Oil Recovery Application
84	Mr.	Prasun Mathur	IIT Delhi	Delhi	Burning Behavior Nylon Fabrics and Flame Retardancy thereof
86	Mr.	Krishna Raghav Chaturvedi	Rajiv Gandhi Institute of Petroleum Technology	Jais	Synthesis of Silica Nanofluids of Oilfield Polymer Polyacrylamide for Enhanced CO ₂ Adsorption
88	Ms.	Manali Somani	IIT Delhi	New Delhi	Functionalization of Polyurethane for Development of Antimicrobial Catheter
93	Mr.	JNYANA RANJAN MISHRA	LARPM,CIPET	BHUBANESWAR	Ag@TiO ₂ @MWCNT modified PVDF nanohybrid membrane for water purification
95	Mr.	RAVI SHANKAR KUMAR	RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY	JAIS	TiO ₂ Assisted Stable Nanofluid of Silica Nanoparticles and an Oilfield Polymer Polyacrylamide (PAM) for Oilfield Applications
97	Mr.	Ajay Kumar	Indian Institute of Technology (Banaras Hindu University), Varanasi, India	VARANASI	Electro-oxidation of Formic Acid by Polycarbazole/WO ₃ Nanocomposite Modified Electrode
101	Mr.	CHANDRA SEKHAR PATRA	SARP-LARPM, CIPET	BHUBANESWAR	Synthesis of PI/AFG nanocomposite films end capped with diphenylethynyl phenoxy endcap for aerospace applications
102	Mr.	Balakondareddy Sana	University of Hyderabad	Hyderabad	Alkali stable polymeric membrane with dual hydroxide ion conducting sites
104	Mr.	Ravi Kumar	CSIR-National Physical Laboratory	NEW DELHI	Effect of Heat Treatment on the Concentration of Nitrogen Vacancy Centers in Nanodiamonds
106	Ms.	REETU YADAV	Hindustan College of Science and Technology Farah Mathura	Agra	Aptamer – bimetallic nanoparticles modified glassy carbon electrode for detection of Pb ²⁺

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108	Mr.	Arjit Ajay Gadgeel	Institute of Chemical Technology, Mumbai	MUMBAI	Synthesis of hydrophobic-hydrophilic self-switchable cellulosic surface by zonal modification through fluorobutyric acid
111	Mr.	SWAPNO CHANDA	JADAVPUR UNIVERSITY	KOLKATA	EXPERIMENTALLY DEVELOPED CHITOSAN COMPOSITE SERVES AS POTENTIAL HEMOSTATIC DRESSING MATERIAL: AN IN VITRO STUDY
112	Mr.	Rohit Shivaji Tarade	Institute Of Chemical Technology	Mumbai	Rejuvenation of Recycled Polycarbonate with Ethylene Methyl Acrylate for Enhancement of Impact properties.
113	Mr.	Rajat Srivastava	Indian Institute of Technology Gandhinagar	Gandhinagar	Superhydrophobic nanocomposite coating on glass surface for self cleaning applications
114	Mr.	Amol Naikwadi	Institute of Chemical Technology, Mumbai	Mumbai	Synthesis, characterization of PMMA-co-BA/capric acid solid-liquid phase change material for thermal energy storage.
115	Mr.	RAVI PRAKASH OJHA	Indian Institute Of Technology (Banaras Hindu University)	Varanasi	Colorimetric sensing of Glucose based on peroxidase mimicking Graphene quantum dots from wood charcoal
116	Mr.	Preetam Satish Bharadiya	University Institute of Chemical Technology, North Maharashtra University	Jalgaon	Enrichment in mechanical properties of epoxy/coir fiber composites reinforced with graphite nanoplatelet
118	Mr.	Sagar Kumar Nayak	LARPM, CIPET	Bhubaneswar	Thermal conductivity of epoxy composites enhanced by h-BN/R-GO hybrids as filler prepared by TAPTES and study of their physical and mechanical properties
119	Mr.	Pratiket B Bamane	Institute of Chemical Technology	Mumbai	Replacement of traditional saturated and unsaturated acid by using bio-based sebacic and Itaconic acid in the preparation of bio-based Unsaturated Polyester Resin.
121	Mr.	Syed Haider Abbas Rizvi	Indian Institute of Technology, Delhi	New Delhi	Colloidal Interaction of Asphaltene with Silica Substrates
123	Mr.	KUNAL KHUSHAL WADGAONKAR	INSTITUTE OF CHEMICAL TECHNOLOGY	MUMBAI	Viscoelastic and Microstructural Correlations to Dynamic and Quasi-static Mechanical Response of Polyamide-612/Halloysite Nanotubes Nanocomposites
124	Mr.	Amit	National physical lab	New Delhi	Alum Impregnated Activated Carbon derived from rice straw for defluoridation of drinking water
126	Mr.	Gowtham G K	University of Mysore	Mysuru	Studies on Microstructural Properties and Nonlinear Optical behavior of PVA/PVP:Urea Polymer composites
128	Dr.	Sudipta Senapati	IIT(BHU), Varanasi	Varanasi	2-D Nanoparticles as an efficient non-viral gene delivery vector
129	Mr.	VINEET KUMAR MALL	IIT (BHU)	VARANASI	Two dimensional composite material modified probe for Electro-sensing of an anti-cancer drug
130	Ms.	Garima Vishal	Indian Institute of Technology, Delhi	New Delhi	Characterization of Stratified Flow of non-Newtonian Fluid in Narrow Channels
131	Mr.	Ramesh Narukulla	Rajiv Gandhi Institute of Petroleum Technology	Jais, Amethi	Synergy of Polyacryloyl Hydrazide (PAHZ)-Ag Nanocomposite on Drying and Re-dispersibility of Pickering Emulsions for Transportation and Storage Applications
133	Ms.	Bhavana Rikhari	Anna University	Chennai	Polypyrrole/Graphene Oxide Composite Coating on Ti Implants: A Promising Material for Biomedical Applications
134	Ms.	Archna Dhasmana	Indian Institute of Technology Roorkee	Roorkee	Caprine tissue derived ECM hydrogel for accelerated wound healing and sealing
135	Mrs.	Sandhya Singh	Indian Institute of Technology Roorkee	Roorkee	Cellulosic microfibrillar gelatin modified scaffold for biomedical application
139	Ms.	Rita Upreti	Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal	Kathmandu	To prepare low cost adsorbent materials from chicken bones and study the removal of toxic ions (Lead and Arsenic) from synthetic wastewater
140	Ms.	Deepa Humbahadur Gurung	Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal	Kathmandu	Synthesis of Geopolymer from coal fly ash and its comparative study with ordinary fly ash based cement available in Kathmandu market
141	Ms.	RICHA MISHRA	INDIAN INSTITUTE OF TECHNOLOGY, BANARAS HINDU UNIVERSITY	VARANASI	Langmuir assisted self-assembly of polyindole derivatives and uniform decoration of nanomaterials in polyindole matrix at air-water interface

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142	Ms.	Shivakalyani Adepu	Indian Institute of Technology Hyderabad	Sangareddy	Bacterial cellulose based medicated chewing gum for oral candidiasis
145	Mr.	GIRIRAJ TAILOR	M.L.S. UNIVERSITY, UDAIPUR, RAJASTHAN, INDIA	UDAIPUR	Synthesis and characterization of cadmium nanoparticles by Thermal decomposition method
147	Ms.	VINITA	SCHOOL OF MATERIALS SCIENCE AND TECHNOLOGY, IIT, BHU	VARANASI	Nanoporous palladium coordination polymer acting as a peroxidase mimic for visual detection of glucose
149	Ms.	Prabhjot Kaur Sabharwal	Indian Institute of Technology	New Delhi	Functionalized Polymeric Magnetic Nanoparticles For Immunomagnetic Separation Of Analytes
151	Ms.	Shatakshi Verma	Central Institute of Plastics Engineering & Technology, Chennai	Chennai	EPOXY POLYDIMETHYLSILOXANE NANOCOMPOSITE COATINGS FOR MARINE APPLICATIONS
153	Mr.	Anish Kumar	Central Institute of Plastics Engineering and Technology	Chennai	Influence of Temperature on Physical and Morphological Properties of Polypropylene Foam Prepared at Low Saturation Pressure
160	Mr.	rajesh kumar	School of Advanced Research in Polymeric Materials(SARP)-LARPM, Bhubaneswar, Orissa,	Bhubaneswar	Effect of Hybrid Fillers on Thermal Conductivity, Rheology and Lap Shear Strength of Epoxy Composites Adhesives
170	Mr.	Shailendra Singh shera	Indian Institute of Technology (Banaras Hindu University), Varanasi, India	VARANASI	Evaluation of silk fibroin/Xanthan biopolymeric blends using FTIR imaging and TGA/DTA analysis
174	Ms.	Sonal Gupta	CSIR-National Physical Laboratory	Rohini	POLY(3,4-ETHYLENEDIOXYTHIOPHENE) (PEDOT) AND ITS DERIVATIVES BY AN UNUSUAL POLYMERIZATION; A SOLUTION PROCESSABLE HOLE TRANSPORT LAYER FOR EXCITONIC SOLAR
182	Ms.	Sujatha S	Indian Institution of Technology Madras	Chennai	Effect of silica nanoparticles on poly (vinyl alcohol) - sulfosuccinic acid (PVA-SSA) based polymer electrolyte membranes
183	Ms.	Princy Boragohain	Handique Girl's College	guwahati	carbon dot based acryl amide nanocomposite film with superior properties
184	Mr.	PRASHANT SHARMA	INDIAN INSTITUTUE OF TECHNOLOGY (BANARAS HINDU UNIVERSITY) , VARANASI	VARANASI	Fabrication of antibiotic loaded silk fibroin nanoparticles for controlled drug release
190	Dr.	Pawan D. Meshram	University Institute of Chemical Technology, North Maharashtra University, Jalgaon	Jalgaon	Cottonseed oil based zinc-chelated poly(etheramide) for coating application
192	Ms.	Sanchita Singhal	National Physical Laboratory	Delhi	ELECTROPOLYMERISATION OF FLUORINE SUBSTITUTED THIOPHENE- BENZOTHIADIAZOLE MONOMER AND ITS APPLICATIONS
193	Mrs.	Shabnam Khan	Jamia Millia Islamia	New Delhi	Development of Renewable resource (Cardanol) based Polymers/Coordination Polymers: Synthesis, Characterization and Applications
194	Mr.	Harish chand Yadav	Tri-Chandra Multiple Campus	Kathmandu	PREPARATION AND CHARACTERIZATION OF NANOPARTICLES BASED ELECTROCHEMICAL SENSOR FOR Cu (II)
195	Mr.	Chandradip Kumar Yadav	Dhankuta M Campus	Dhankuta	A Comparative study of Conductance of Sodium Dodecyle Sulphate(SDS) in Different Percentage Of Ethanol Water Mixed Solvent Media at 298.15 K Temperature
196	Mr.	Dipak Kumar Gupta	Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal	Kathmandu	Electropolymerization of Aniline onto Mild Steel Using Benzoic Acid as Electrolytes and Its Morphological Study
197	Mr.	Lokendra Kumar Mandal	Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal	Kathmandu	Synthesis, Characterization, and Antimicrobial Study of Oxovanadium(IV) Complexes with Triazole Derived Schiff's Bases
200	Mr.	Praveen Mishra	National Instiute of Technology Karnataka	Mangalore	SYNTHESIS AND CHARACTERIZATION OF POLYMER BASED GRAPHENE QUANTUM DOTS, GRAPHENE OXIDE COMPOSITE
201	Mrs.	Ankita Arora	Indian Institute of Technology, Gandhinagar	Gandhinagar	DESIGN AND CHARACTERIZATION OF NOVEL ANTIBIOTICS BASED ON MEMBRANE - ACTIVE ANTIMICROBIAL BIOPOLYMERS
202	Ms.	PREETI YADAV	CSIR-National Physical Laboratory	New Delhi	Electrodeposited PEDOT & its Derivatives: An Efficient Hole Transport Layer for Excitonic Solar Cells
204	Mr.	OWAIS JALIL	DELHI TECHNOLOGICAL UNIVERSITY	New Delhi	Synthesis of Graphene- MoS2 Nano Composite based Biosensor

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206	Mr.	Ajmera Sanketh Kumar	IIT Delhi	NEW DELHI	Creating PolyHIPEs through HIPE generation in a novel Co-flow device
214	Mrs.	LAXMI na KAUSHIK	Jamia Millia Islamia	New Delhi	Development of one pot Coordination Polyureas: Synthesis, Characterization and Applications
215	Mr.	Nabin Karki	Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal	Kathmandu	Study of extract of Berberis aristata as green corrosion inhibitor in acidic media in mild steel of Nepal
209	Mr.	Mohammed Khalifa	National Institute of Technology, Karnataka	Mangaluru	Durable, sensitive and flexible electrospun poly(vinylidene fluoride)/polyaniline- graphitic-carbon nitride nanocomposite-based gas sensor for NO ₂ sensing
217	Dr.	Siddhartha	Dept. of physics & astrophysics , university of delhi	New delhi	Physico-chemical modifications induced by 70 MeV carbon ions in alpha phased Polyvinylidene fluoride (PVDF) –Ag(NPs) Composites
218	Mr.	PINTU PANDIT	INSTITUTE OF CHEMICAL TECHNOLOGY	Mumbai	Novel method of ecofriendly single bath dyeing and functional finishing of wool fabric with coconut shell extract biomolecules
221	Dr.	Prachi Singhal	Amity University, Noida	Ghaziabad	PEDOT/WO ₃ /NGP Ternary Nanocomposite as a Visible Light Driven Photocatalytic Material