

Poster No.	ABS ID	ABS.Title	Author Full Name	Institution/Affiliation	City/Country
P-1	9	Plasma Grafting of Itaconic acid on Polypropylene Mesh: An Insight into the Grafting Mechanism	Chetna Verma	Indian Institute of Technology Delhi	New Delhi
P-2	10	Development of antimicrobial nano silver impregnated polyethylene terephthalate fabric	Rohini Verma	Indian Institute of technology Delhi	New Delhi
P-3	41	Passive Thermal Regulation through Recycled PET-Based Functional Fibers	Aditya Bhandari	Indian Institute of Technology, Delhi	New Delhi
P-4	47	Ultralight and robust biobased composite aerogel coated fabrics having high insulation properties for protection against cold weather conditions.	Sujaan Satish Kaushik	Indian Institute of Technology Delhi	New Delhi
P-5	49	Photocatalytic degradation of some water-soluble dye by using Z-scheme based photocatalyst	Mukesh Dhaker	Mohanlal Sukhadia University	Udaipur
P-6	50	Chitosan based film decorated with Co-Gallic acid MOF for Ethylene scavenging for the shelf life management of Mangoes	Himanshi Bhardwaj	VNIT nagpur	Nagpur
P-7	51	Valorization of orange peels: Activated carbon composite for high performance supercapacitor application	Santosh Kumar Senapati	Visvesvaraya National Institute of Technology	Nagpur
P-8	53	Designing of Bioactive Polyvinyl Alcohol Nanocomposite Membranes for Drinking Water Disinfection	Chesta Mehta	Mohanlal Sukhadia University	Udaipur
P-9	55	Development of Bioreceptive Polylactic Acid Films for Biomedical Applications	Megha Yadav	Mohanlal Sukhadia University	Udaipur
P-10	57	Functionalization of Cotton Fabric via Periodate Oxidation	Nirmal Rathore	Mohanlal Sukhadia University	Udaipur
P-11	58	"Unveiling the Potential of Ruthenium Trichloride Clusters as Novel Therapeutic Agents in Combating Antifungal, Antibacterial, and Ant malarial Activities": A Comprehensive Research Study	Shiva Gupta	Mohanlal Sukhadia University	Udaipur
P-12	59	Fabrication and Characterization of Bioactive Sodium Alginate-based Membranes	Pooja Badsara	Mohanlal Sukhadia University udaipur	Udaipur
P-13	63	Simulation studies of polyphenol ellagic acid: structural and electronic properties	Akanksha Suryawanshi	Visvesvaraya National Institute of Technology, Nagpur	Nagpur
P-14	70	Electrochemical cross-coupling of amines and isocyanides for carbodiimide and urea synthesis	Himagni Verma	Mohanlal sukhadiya university	Udaipur
P-15	71	Polymerization-Induced Self-Assembly (PISA) Generated block co-polymer Nano-Objects, via Visible-Light-Driven Photo-catalyzed RAFT-Polymerization	Rahul Maurya	Indian Institute of Technology	Ropar
P-16	74	Green Synthesized CuSe@CQDs Nanocomposite for Enhanced Photocatalytic Hydrogen Generation and Dye Degradation	Chetna Ameta	MohanLal Sukhadia University	Udaipur

APA 2025 Udaipur Poster Presentations (Session-11) | Day-1 | Time:16:30-17:30 | Poster Area: Green Lawn Area

P-17	76	Synthesis of Mustard Stalk Cellulose Hydrogel for Dye Removal	Tarun Kumar Gayen	Applied Chemistry	Delhi
P-18	89	Synthesis of Novel fluorinated Compounds via Metal mediated C-F Bond Activation	Yogita Prajapat	Mohan lal sukhadia university Udaipur	Udaipur
P-19	91	Turning Agricultural Waste into Microplastic Adsorbents: A Path Toward Sustainable Water Purification	Nishi Gandha	Indian Institute of Technology, Roorkee	Roorkee
P-20	93	Fe ₃ O ₄ @SiO ₂ @Taurine Nanocatalyst: A Green and Efficient Approach for the Synthesis of Pyrano[2,3-d]pyrimidinone Derivatives via Multicomponent Reactions	Charul Paliwal	University college of Science MLSU	Udaipur
P-21	96	synthesis and antimicrobial evaluation of tetrazole and pyrazole based polyaniline composites against multidurg resistant pathogen	Aanchal	Department of chemistry Mohanlal sukhadiya university	Udaipur
P-22	100	Voltage-Controlled Structural Divergence: Electrochemical C-H Acyloxylation and N-Acylation of 2H-Indazoles	Siddharth Sharma	Mohanlal Sukhadia University	Udaipur
P-23	108	Design and Advancement of High-Performance Flame-Resistant Fibrous Materials	Shashwata Mainak	Indian Institute of Technology, Delhi	Delhi
P-24	110	Durable and Biocompatible Wound Dressing Material Based on Antibacterial Chamomile Oil-Functionalized Graphene Oxide Reinforced Chitosan/Polyvinyl Alcohol Composite	Unnayana Gogoi	CSIR Northeast Institute of Science and Technology	Assam
P-25	115	phytochemical investigation of cassia auriculata twigs and cytotoxic evaluation against human prostate cancer cell	Savita	Mohanlal Sukhadia University	Udaipur
P-26	118	Bio-waste Derived Hybrid Fiber Composites: Reinforcement of Chicken Feather and Human Hair in Vegetable Oil Matrix	Gitashree Gogoi	Arunachal University of Studies	Namsai
P-27	119	Glyoxal-Based Bi-Oxazine Benzoxazines: Formaldehyde-Free Biothermosets.	Jigyasa Tripathi	Shiv Nadar University	Greater Noida
P-28	120	Hydrogel Fabrication by Eco-Friendly Sono-Polymerization of Acrylamide with Dual-Function 2-Acrylamido-2-methyl-1-propane sulfonic acid.	Kuldeep Rajpurohit	Kishinchand Chellaram College, HSNC University	Mumbai
P-29	121	Electrospun Polyurethane Nanofibers Embedded with Extractive Deep Eutectic Solvent for Sustainable Rare Earth Element Recovery	Veena Champalal Mali	Kishinchand Chellaram College, Hsnc Univeristy	Mumbai
P-30	123	Modified Lignocellulosic Material Removes Methylene Blue Dye from Textile Effluents	Vivek Jaiswal	Indian Institute of Technology Delhi	New Delhi
P-31	126	L-Proline Taurinate Mediated One-Pot Knoevenagel-Michael Reaction for the Efficient Synthesis of Pyrido[2,3-d]pyrimidine and Pyrimido[4,5-b]quinoline Derivatives	Hemant Kumar Rundla	UCoS, Mohanlal Sukhadia University	Udaipur
P-32	127	Novel Bioactive Bioceramics for Orthopedic Applications	Ankitha Suresh	Manipal school of life sciences MAHE	Manipal
P-33	130	Pro-angiogenic self-assembled peptide gel for wound healing application	Saurav Kumar	Indian Institute of Technology	Mandi

APA 2025 Udaipur Poster Presentations (Session-11) | Day-1 | Time:16:30-17:30 | Poster Area: Green Lawn Area

P-34	133	Evaluation of Hepatoprotective and Antioxidant Properties of Chitrakadi Vati, a Traditional Polyherbal Ayurvedic Medicine	Sushmita Majumder	University of Calcutta	Kolkata
P-35	134	Eco-Friendly Chitosan Derivatization via Mechanochemical Method: Computational Validation and waste water remediation	Manisha Gopal Verma	VNIT Nagpur	Nagpur
P-36	135	Enhanced Bio content epoxy resin and hardeners for application of carbon fiber retrofitting applications	Niravkumar Indravadan Shah	Navrachana University	Vadodara
P-37	136	Essential Oil Components Incorporated Emulsion Hydrogels for Eradicating Dermatophytosis Caused by Pathogenic Fungi	Sandesh G S	Yenepoya (Deemed to be University)	Deralakatte, Mangalore
P-38	141	Green Synthesis of Thermoregulating Regenerated Cellulosic Fibers from Textile Waste for Sustainable Polymer Applications	Blesson Tom Mathew	Indian Institute of Technology Delhi	Delhi
P-39	143	Water Swellable Polymeric Gel for the Removal of Heavy Metals	Rounak Lama	Indian Institute of Technology Delhi	New Delhi
P-40	146	Development of Starch based Biocomposite Films Reinforced by Rice Husk	Moon Mandal	Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya	Dalgaon, Assam
P-41	147	Assessment of bioengineered polyherbal formulation against Rheumatoid Arthritis – Traditional concept in a modern approach.	Anumita Dey	University of Calcutta	Kolkata
P-42	148	Magnetic Nano-Bio-Composites for efficient photocatalytic degradation of emerging contaminants in water	Hyder Ali	University of Calcutta	Kolkata
P-43	149	Stimuli-responsive Copolymer Mediated Fabrication Gold Nanoparticles for Nanozyme-based Colorimetric Sensing of Mercury (II) ions	Dhanya M	Yenepoya (Deemed to be University)	Mangalore
P-44	153	Compensatory effects of the Disordered Region of Human Parathyroid Hormone on amyloid aggregation in crowded conditions	Twinkle Bhatia	Martin Luther University	Germany
P-45	154	Drying Evolution and Skin Formation in Aqueous Dextran Solution Droplets	Keya Mondal	Centre for Nano and Soft Matter Sciences	Bengaluru North
P-46	155	A Sustainable Approach for Valorizing Kinnow Peel: Extraction of Functional Dietary Fibers	Sharanjeet Kaur	Panjab University	Chandigarh
P-47	160	Computational Screening of Parthenium hysterophorus Phytochemicals for Antifungal Activity Against Aspergillus and Fusarium	Khushboo Jain	JRN Rajasthan Vidyapeeth (Deemed to be University)	Udaipur
P-48	162	Role of PBDMS in tailoring the mechanical and thermal performance of the natural rubber blends	Simran Guleria	Thapar Institute of Engineering and Technology	Patiala
P-49	163	Selective Single C-F Bond Activation in Trifluoromethylated Dienes	Deepak Mali	Mohanlal Sukhadia University	Udaipur
P-50	164	Synthesis and characterization of lignin derived triphenols and their use for development of biobased polyurethane films	Pandey Brij Bhushan Santosh	The Maharaja Sayajirao University of Baroda	Vadodara

APA 2025 Udaipur Poster Presentations (Session-11) | Day-1 | Time:16:30-17:30 | Poster Area: Green Lawn Area

P-51	168	Development of Chemically Modified Hollow Nanospheres for Targeted Delivery of Anti-Cancer Agents	Jiwanjot Sharma	Thapar institute of engineering & technology	Patiala
P-52	169	Agro-waste to wealth: Fabrication of mechanically surface fibrillated pineapple leaf fibre reinforced polypropylene composite for protective applications	Habibur Rahman	Indian Institute of Technology Delhi	New Delhi
P-53	170	Synthesis and Characterization of Disulfide-Containing Poly(urethane-urea) for Self-Healing Applications	Kabita Sarkar	Indian Institute of Technology Delhi	New Delhi
P-54	171	Eco-Friendly Synthesis of CQDs from Kigelia pinnata Flowers: A Sustainable Catalyst for 1,2,4-Triazolidine Derivatives	Sunita Teli	Mohanlal Sukhadia University	Udaipur
P-55	173	Multifunctional Hydrogels: Pioneering Soft, Conductive Materials for Wearable Electronics	Areeba Khayal	Aligarh Muslim University	Aligarh
P-56	181	Ultrasound assisted synthesis of Ag-PEG-chitosan nanobiocide film using Origanum majorana flower extract	Garima Ameta	Mohanlal Sukhadia University	Udaipur
P-57	182	Efficient Dye Removal from Wastewater Using metal free Based Photocatalysts Under Visible Light Irradiation	Anjali Kumari Shukla	Mohanlal Sukhadia University	Udaipur
P-58	183	Synthesis, Characterization and Biological Importance of Zinc Nanoparticles Using Thermosetting resins	Vipin Khoker	Mohanlal Sukhadia University	Udaipur
P-59	189	Hydrophobic Modification of Carboxymethyl Cellulose for Textile Applications	Suvarna Badgujar	Institute of Chemical Technology, Matunga	Mumbai
P-60	192	High-Performance EMI Shielding and Electrothermal Behavior of Flexible PVDF/CNT Conducting Composites	Sakshey Mittal	Bhabha Atomic Research center	Mumbai
P-61	193	Influence of Etchant Concentration on MXene Synthesis and Energy Storage Efficiency	Sanjeeb Pradhan	Sikkim Manipal Institute of Technology	Rangpo
P-62	196	Palladium-catalyzed electrochemical ortho-C-H monoarylation of arenes using benzenediazonium salt	Krishna Kher	Mohanlal Sukhadia University	Udaipur
P-63	197	Utilization of Natural Extracts in Taro Starch Films for Sustainable Food Packaging	Divya Verma	Dr. SSBUICT Panjab University	Chandigarh
P-64	198	Fabrication and Evaluation of Biodegradable Packaging Films Incorporating Corn Starch and Natural Agri-Waste Extracts	Avni Gupta	Dr. SSBUICT Panjab University	Chandigarh
P-65	199	Synthesis And Characterization of Azo Linkage Incorporated Four-ring Bent-core Liquid Crystalline molecules	Kalpana Upadhyaya	Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya	Dalgaon
P-66	200	Amine functionalized f-SiO ₂ @GO incorporated thin-film nanocomposite membranes for efficient separation of CO ₂	Debasish Borah	CSIR-NEIST	Jorhat
P-67	201	Development of Radiopaque, Biocompatible Microspheres for Embolization Applications	Disiya Davis	CSIR-National Chemical Laboratory	Pune

APA 2025 Udaipur Poster Presentations (Session-11) | Day-1 | Time:16:30-17:30 | Poster Area: Green Lawn Area

P-68	202	Engineering and development of polymer-based thin film nanocomposite membrane for the removal of emerging contaminants from wastewater	Tultul Gogoi	CSIR-North East Institute of Science and Technology	Jorhat
P-69	204	A sustainable approach towards the synthesis of Poly(urethanes-urea)s via CO ₂ -derived Oligourea	Bhadra P B	CSIR-National Chemical Laboratory	Pune
P-70	207	Harnessing the Quinoline Scaffold: Strategic Syntheses and Emerging Roles in Anticancer Drug Development	Rajendra Prasad Pakharia	Mohanlal Sukhadia University	Udaipur
P-71	209	Radiation-induced GMA grafting and cinnamaldehyde (CAL) conjugation through chemical means to develop antifouling properties of EVA	Rohini Agarwal	Bhabha Atomic Research Centre, Mumbai	Mumbai
P-72	210	Chitosan Electrospun Nanofiber Coated 3D-Printed PLA Scaffolds for Biomimetic Crystallization of Hydroxyapatite	Kajal Goswami	Indian Institute of Technology	Mandi
P-73	214	Development of ethylene propylene diene elastomers (EPDM)/pistachio shell biocomposite: structure-property relationship and thermal stability	Manjeet Singh	Bhabha Atomic Research center (BARC)	Mumbai
P-74	218	Layer by layer solution cast bipolar membranes with 3-D interface design for electrochemical energy systems	Amit Suhag	Indian Institute of Technology Roorkee	Roorkee
P-75	222	Exploration of metal salt modified Deep Eutectic Solvent as a potential green route for model jet fuel desulfurization	Rupam Chatterjee	University of Calcutta	Kolkata
P-76	223	Castor oil-based porous polyurethane composite foams using PDMS/MWCNT for oil-absorption application	Madhu Matang	Department of Applied Chemistry	Vadodara
P-77	225	VOC-Free Anionic Polyurethane Waterborne Dispersions for Coatings: Innovation, and IPR Protection Strategies	Mayur Kishor Patil	School of Chemical Sciences, KBC North Maharashtra University	Jalgaon
P-78	229	synthesis of zero valent iron nanoparticles and its application in soil remediation	Garima Shekhawat	Mohanlal Sukhadia University	Udaipur
P-79	230	Development of a 3D Neural Tissue Model for In Vitro Brain Aging Studies	Varsha Pai V	Manipal Centre for Biotherapeutics Research	Manipal
P-80	233	Palladium catalyzed cross electrophile coupling reactions	Ankita Regar	Mohanlal Sukhadia University	Udaipur
P-81	237	Development of Angiogenic and Osteoinductive Multivesicular Liposomes Loaded Bioink for Bone Regeneration	Priyanka Dagar	Indian Institute of Technology	Mandi
P-82	240	Synthesis and Characterization of Zein based Biodegradable radiopaque Microbeads for Trans Arterial Chemoembolization	Jinsu Mariya Sam	Sree Chitra Tirunal Institute for Medical Sciences and Technology	Thiruvananthapuram