

ABS ID	Abstract Title	Title	Presenter Name	Institution/Affiliation	City
26	Polyphenol characterization of the aqueous extract from <i>Hubertia ambavilla</i> L. (Asteraceae) by HPLC-DAD-ESI-MSn and assessment of its antioxidant activity	Mr	Rachid Chawech	Torskal SAS	ST Denis
29	Carrageenan-based Herbal Bionanocomposite Membranes as a Wound Care System	Ms	Pratibha Singh	IIT Delhi	Delhi
30	Fabrication of Antimicrobial Dressing Coated with Tannic Acid Loaded Alginate/Glycerol Blend	Ms	Ankita Sharma	IIT, Delhi	Delhi
32	Electrospun PCL- kC Nanofibrous Matrix for Wound Healing Applications	Ms	Vandana Kumari	IIT Delhi	New Delhi
33	Itaconic acid based stimuli responsive polymers for controlled drug release for treating stomach ulcers	Dr	Shilpa Sharma	Manav Rachna University	Faridabad
34	Synthesis, Characterization and Conjugation of Carbon Nanodots	Mr	Mijmal Shan KT	National Institute of technology Calicut	Malappuram
37	Preparation of Chitosan /PEO Membranes for Biomedical Applications	Ms	Rohini Verma	Indian Institute of Technology, New Delhi	New Delhi
46	RSM-CCD optimized in air synthesis of novel Kappa-Carrageenan/Tamarind Kernel Powder hybrid polymer network incorporated with inclusion complex of (2-Hydroxypropyl)- $\beta$ -cyclodextrin and Adenosine for controlled drug delivery	Ms	Vasudha Vaid	Dr. BR Ambedkar National Institute of Technology Jalandhar	Jalandhar
47	Cyclodextrin mediated controlled release of edaravone from pH-responsive sodium alginate and chitosan based nanocomposites	Dr	Khushbu Yadav	Dr BR Ambedkar NIT Jalandhar	Jalandhar
48	Nano calcium incorporated piscine collagen scaffolds as wound dressing materials	Dr	Sindhu Abraham	Faculty of Pharmacy, Ramaiah University of Applied Sciences	Bengaluru
50	Antibacterial Peptide Nanofibers Loaded with Y2O3 Nanoparticles to Promote Wound Healing	Mr	Vatan Chawla	Indian Institute of Technology Ropar	Rupnagar
63	Synthesis And Characterization of Eco-friendly Biodegradable Film Based on Poultry Bio-Mass	Mr	Anurag Singh	Central Institute of Petrochemicals Engineering & Technology, Institute of Petrochemicals Technology, Lucknow	Lucknow
66	Oral Drug delivery system for vaccine antigens using biopolymer and Permeation enhancer Conjugates	Ms	Archana Sawant	SPPU, Pune	Pune
67	Study and Preparation of Biocarbon from Rice straw	Mr	Ekansh Agnishekhar	CIPET Lucknow	Allahabad
69	Development & Characterization of Biodegradable Blend Film Using Bio-Waste Materials	Dr	Atul Kumar Seth	Central Institute of Petrochemicals Engineering & Technology, Institute of Petrochemicals Technology, Lucknow	Jaunpur
71	Green synthesis of Magnesium Nanoparticles for degradation of safranin in Environmental sample	Ms	Rajni Sharma	Maharaja Agrasen University	Baddi
74	Evaluation of the physico chemical properties of coconut Shell derived activated carbon and its application in DSSC	Mr	Manoj Kumar Mallick	CIPET:SARP-LARPM	Bhubaneswar
80	Studies on the synthesis of Superabsorbent film for Smart Food Packaging	Ms	Shrayashree Nag	CIPET-IPT Lucknow	Lucknow

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84	Evaluation of Antimicrobial Properties of Lldpe/Orange Peel Powder/Titanium Dioxide Composite Films For Food Packaging Application	Ms	Malika Singh	Central Institute of petrochemical engineering and technology	Lucknow
86	Isolation of bioactive compounds from the stem bark of Populus ciliata Wall. ex Royle and screened for in-vitro antioxidant, antimicrobial, and anti-inflammatory activities	Ms	Ishita Guleria	Shoolini University, Solan	Mandi
87	Isolation and evaluation of bioadhesive film for punica granatum of Terbinafine	Ms	khushboo Bansal	Dit university faculty of pharmacy	Pilkhuwa
90	Flexible biodegradable Polyvinyl alcohol / Starch cross linked films	Mr	Aditya Nath Pandey	Central Institute of Petrochemicals Engineering & Technology: Institute of Petrochemicals Technology Lucknow	Lucknow
91	Exo-polysaccharide Xanthan Gum derived Hydrothermal and Sonochemical Protocols for Synthesis of Photoactive ZnO Nanoparticles	Ms	Arshpreet Kaur	SLIET, Longowal	Sangrur
95	Characterization of Biodegradable films based on chia seed mucilage and lentil protein	Mr	Sharukh Ahmad	CIPET IPT LUCKNOW	Ambedkar Nagar
97	Waste paper as a viable sustainable source for cellulosic extraction by chlorine free bleaching and acid hydrolysis method for the production of PVA-starch/ cellulose based biocomposites.	Dr	Tresa Sunitha George	St. Pauls college, Kalamassery	Kochi
102	Synthesis of Soy Protein Isolate Film Reinforced with Silylated Nanocellulose and its Property Characterization	Ms	Pubali Chetia	CSIR-NEIST	Jorhat
107	Chitosan based Activated Charcoal Composite Film for Food Packaging	Ms	Richa Sharma	Indian Institute of Technology, Madras	Chennai
109	MUC1 antibody targeted delivery of chemotherapeutics in a PLA-based nano formulation for cancer therapy	Ms	Priya Gupta	IIT Delhi	New Delhi
110	Development of Antimicrobial LLDPE/Lemon Peel film Using Zinc Oxide Nanoparticle for Food Packaging Application	Dr	Shashank Srivastava	CIPET Lucknow	Lucknow
113	Preparation & Characterization of Biodegradable Blend Film From (Zingiber officinate)	Mr	Abhishek Yadav	CIPET Lucknow	Lucknow
117	Synthesis and Characterisation of Composite Hydrogels Based on Chitosan, Gelatin, and Carbon Black	Mr	Sreedev P	Government College Kasaragod	Kasaragod
118	Studies on mechanical properties of R-PS and waste MDF	Mr	Vivek Chaudhary	CIPET	Lucknow
120	Study The Effect of Antioxidants on The Properties of LLDPE	Mr	Akhilesh Kumar Yadav	Central institute of petrochemicals engineering and technology	Lucknow
121	Lyophilized Biocomposite Chitin-Alginate Matrices for Wound Healing Application	Dr	Sharon Caroline Furtado	Ramaiah University of Applied Sciences	Bengaluru
128	Addition of coir fibre with CaCl <sub>2</sub> crosslinked starch-chitosan blended films	Dr	Neena Singh	Gautam Buddha University	Greater Noida
131	Preparation of Biodegradable Film from Maize Starch and Date Palm Pits (Phoenix Dactylifera) and it's Characterization	Mr	Vipul Kumar	CIPET-IPT Lucknow	Kanpur

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133	Recycling of Nylon6/Pet Laminated LLDPE Film	Mr	Saket Gupta	Central Institute of Petrochemicals Engineering & Technology (CIPET) , Lucknow	Lucknow
134	Ecofriendly - Chitosan Based Flame Retardant Coating	Mr	Yogesh Rajput	Central Institute Of Petrochemicals Engineering And Technology Lucknow	Lucknow
144	Solution Blow Spun PCL/Nano-Hydroxyapatite Based Composite Nanofibrous Scaffold for Bone Tissue Regeneration	Ms	Darshna	PhD Scholar	Varanasi
149	Synthesis and properties enhancement of Poly (glycerol sebacate) (PGS) for Vascular graft application	Mr	Tusharkanta Nayak	CIPET:SARP-LARPM, BBSR	Bhubaneswar
150	Anti-microbial Dressing Material through Radiation-Graft Copolymerisation of 4-Vinyl Pyridine (4-VP) and Acrylonitrile (AN) onto Rayon Fibres	Ms	Preety Kumari Kashyap	AIAS, Amity University, Noida	Noida
155	Encapsulation of Datura metel leaf extract in Nano chitosan as biopolymer and evaluation of antioxidant studies by DPPH method	Ms	Amulya K.C	, M.S. Ramaiah University of Applied Sciences	Bengaluru
156	Encapsulation of nanochitosan using Vitis vinifera extract and its phytochemical profiling by DPPH method	Mrs	Eliza Ahmed	M.S.Ramaiah University of Applied Sciences	Bangalore
163	Dyes removal from water using natural polysaccharides based materials	Ms	Nikita Singh	Gautam buddha University	Greater noida
164	Smart, Thermoresponsive N-Vinyl Caprolactam Graft Copolymerized Soy Protein Isolate Hydrogels for Controlled Drug Delivery Applications	Dr	Safiya Nisar	Amity University	Srinagar
165	Micelles Self-Degraded Template based Graphitic Carbon Nitride-Polypyrrole composite electrode for high Supercapacitor performance	Mr	Vijaykumar P	Mangalore University	Mangaluru
166	Nitrogen- doped Carbon Quantum dots-Polypyrrole composite electrode for high energy storage application	Ms	Sapna S	Mangalore University	Mangaluru
169	Effect of Liquid Lipid on Crystallinity of Lipid Matrix in Nano-Lipid Conjugates (NLCs) Fourier Transform Infrared and XRD spectroscopy	Mr	Rajat Garg	IPR, GLA University	Mathura
170	Exploring the furfuryl alcohol degrading ability of Pseudomonas species	Ms	Priyragini Singh	Central University of South Bihar	Gaya
171	Fabrication of Biocompatible, Luminescent and self-healing hybrid hydrogels of polyoxometalates and chitosan based on electrostatic assembly and their Application as Antimicrobial Agent , in dye adsorption and the Detection of heavy metal ions	Ms	Arjumand Shaneen	University of kashmir	srinagar
174	Utilization of Waste MDF Powder for Preparation of Wood Plastic Composites	Mr	Chetan kumar Singh	Central institute of petrochemicals engineering and technology	Lucknow
181	Preparation of Nano-cellulose Particles and its Applications	Mr	Saksham jaswal	Dr B R ambedkar NIT jalandhar	jalandhar
183	Polysaccharide derived Nano materials and their applications	Ms	Himani Sharma	Dr B R Ambedkar National Institute of Technology Jalandhar-144 011 Punjab (India)	Palampur
185	A Comprehensive Investigation on Spinel Ferrite Nanocatalyst for the Photodegradation of Hazardous and Toxic Organic Pollutants	Mr	Dinesh Singh	Dr B R Ambedkar National Institute of Technology, Jalandhar Punjab	Jalandhar

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191	Remediation on emerging pollutants by multicomponent nanomaterials	Mr	Ankit	Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab	Jalandhar (Punjab)
195	A Comparative Study of PVA/PVP and PVA/PVP/TiO <sub>2</sub> Nanocomposite Membrane	Ms	Disha Harinkhere	Government Holkar (Model, Autonomous) Science College, Indore	Indore
197	Evaluation of Coactive Influence of Self-healing Anticorrosive Composite Coatings based on Epoxy, Tung oil microcapsules and Polyaniline Nanoparticles	Mr	Umesh Gawai	S. S. V. P. Sanstha's, L. K. Dr. P. R. Ghogrey, Science College, Dhule-424005, (M.S.) India	Dhule
200	Assessment of Impact of Bio-filler with LDHs loading on the Thermal and Mechanical Properties of Epoxy Nanocomposites	Dr	Chetan Patil	Department of Chemistry, S. S. V. P. Sanstha's L.K. Dr. P. R. Ghogrey, Science College, Deopur	Dhule
203	Future and Probable Applications of Natural Biopolymer-based Hydrogels in Agriculture	Ms	Pragna M Shivannavar	JSS Academy Of Higher Education & Research	Bengaluru
212	Preparation and Characterization of Polyvinyl Alcohol/Alginate membranes for Biomedical Applications	Ms	Aishwarya Arvind	IIT Delhi	Delhi
213	Development of new process for mixing of nanoclay by using Polyvinyl alcohol in LDPE	Mr	Adarsh Chaturvedi	CIPET Lucknow	Lucknow
218	Paraffin wax nanoemulsion based UV resistant wood coatings	Ms	Richa Bansal	Institute of Wood Science and Technology	BANGALORE
219	Chitosan-entrapped Activated Carbon for Confiscation of CO <sub>2</sub> in Gaseous Phase and Reactive Orange Dye in Aqueous Phase	Mr	Pradip Madhukar Nandanwar	Research Scholar at Department Of Chemistry, RTMNU, Nagpur	Nagpur
222	Coating of Carboxymethyl Cellulose on Polyurethane Surface for Designing Infection Resistance Surface	Mrs	Manali Somani	Indian Institute of Technology	Delhi
223	Abstraction of Cyanide from water by adsorption on mesoporous magnetic cellulose	Dr	Anita Shekhawat	RTM Nagpur University	Nagpur
230	Thermo-gelation behaviour of poly(2-alkyl-2-oxazoline) grafted biopolymers	Dr	Vinita Dhaware	CSIR-National Chemical Laboratory	Pune
231	An effective chitosan hydrogel composite containing silica nanoparticles and aluminium chloride for rapid hemorrhage control	Ms	Rutuja Ravindra Pawar	Agharkar Research Institute, Pune	Pune
232	Bromelain encapsulated alginate-chitosan beads for biomedical applications	Ms	Priyadarshini T	National Institute of Technology Rourkela	Rourkela
234	Fabrication of herbal transdermal drug delivery patch for osteoarthritis of knee	Dr	Yoshitha C N	All India Institute of Ayurveda	New Delhi
236	Development of bone targeted nano-formulation of DPP-4 inhibitor for in-vivo treatment of osteoporosis	Dr	Nikita Nirwan	Jamia Hamdard	New Delhi
240	Improving antioxidant properties and antimicrobial properties of PLA film by using plant-based extract and modified silica nanoparticles for food packaging	Mr	Rahul Zende	S K Somaiya	Mumbai
248	Polymeric approach for Formulating Sustained Release Floating Tablets of Domperidone: An In-Vivo Investigation	Dr	Deepinder Singh	Chitkara University, Punjab	Rajpura

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252	Furfural Functionalized On Chitosan Intercalated Pani Composite For The Removal of Chromium from water	Mr	Ramkumar K	The Gandhigram Rural Institute-Deemed to be University	Dindigul
253	Adsorption of chromium from waste water using Cds/Cus/Chitosan composite	Mrs	M. Nikitha Manuvelraja	The Gandhigram Rural Institute-DTBU	Chinnalapatti
256	Nanostructured Inorganic Layered Double Hydroxide for efficient drug delivery for cancer treatment	Dr	Swapan Maity	Indian Institute of Technology (BHU) Varanasi	Varanasi
258	The Biomaterials based on surface-deacetylated chitin nanofiber gels reinforced with sulfoethyl ether $\beta$ -cyclodextrin as a controlled released agent	Ms	Nowshin Farzana Khan	Sojo University	Kumamoto
260	Optimization of chitin nanofiber preparation by ball milling machine under neutral condition	Mr	Dagmawi Abebe Zewude	Tottori University	Tottori
269	Effect of Suspending Agents on the Stability of Probiotic Suspension	Ms	Merin Sara Mathew	Ramaiah University of Applied Sciences	Bangalore
270	Preparation and Characterization of Diosmin Suspension	Ms	Khushboo Kumari	M.S Ramaiah University of Applied Sciences	Bangalore
271	In-situ gel forming Quercetin rectal spray incorporating mucoadhesive polymers for treatment of hemorrhoids	Ms	Shivani Srinivasan H	MSRUAS-FPH	Bengaluru
272	3D-Polylactic Acid Scaffold with Surface Modified and 4-Methoxycinnamic Acid-loaded Chitosan Nanoparticles for Bone Regeneration	Ms	Abinaya Shanmugavadivu	SRM-IST	Chennai
273	Development Of Areca Catechu Extract Herbal Tablet For Its Anti-Ulcerogenic Effect	Mr	Darshan HR	M.S. Ramaiah University of Applied Sciences	Bangalore
274	Formulation and Evaluation of Areca Catechu Extract Suspension for Gastric Ulcer	Ms	Vidya K	M S RAMAIAH UNIVERSITY OF APPLIED SCIENCES	Banglore
275	Functionalized three dimensional scaffold system for enhanced insulin secretion of mesenchymal stem cell derived insulin like clusters	Ms	Jijo Wilson	SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGIES	Trivandrum
279	Design and development of compostable biopolymeric responsive packaging materials	Ms	Sangeetha U K	CSIR NIIST	Pappanamcode
280	Lignin grafted stimuli-responsive polymer system: Synthesis, mechanical and stimuli-responsive properties	Ms	Parvathy P A	CSIR NIIST	Pappanamcode
281	Bridge Formulation of Oil base ZnS Microcapsule for Multifunctional Agricultural Applications	Mr	Anil Patil	S.S.V.P. Sanstha's, L. K. Dr. P. R. Ghogrey Science College, Dhule	Dhulia
287	Chitosan/Fly ash film for removal of heavy metal from industrial effluent	Dr	Sowmya CH	Birla Institute of Technology & Science, Pilani- Hyderabad Campus	Secunderabad
291	Antibacterial Activity of Chitosan Grafted Dual Polybenzoxazine Films	Ms	Sangeeta Sahu	Shiv Nadar University	Uttar Pradesh
296	Chaetomium globosum mediated green synthesis of silver nanoparticles as biocontrol agent against fusarium wilt of Tomato and Capsicum	Ms	Shailja Kumari	Shoolini University	Solan

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303	Step-scheme Bi <sub>2</sub> WO <sub>6</sub> /Fe <sub>2</sub> O <sub>3</sub> heterojunction for photocatalytic degradation of methylene blue under visible light irradiation	Mr	Parteek Mandyal	Shoolini University	Solan
304	Construction of CuWO <sub>4</sub> /WO <sub>3</sub> /NiFe LDH S-scheme based heterojunction for photodegradation of methyl orange dye	Mr	Rohit Sharma	Shoolini University	Solan
308	Synthesis of MXene-based Bio-inspired Smart Interfacial Membranes for Guided Bone Regeneration (GBR)	Mr	Amandeep Singh	University of Calcutta	Kolkata
314	Structure Function elucidation of ternary metal biopolymer materials for sulfate adsorption	Dr	Bernd G.K. Steiger	University of Saskatchewan	Saskatoon