

Abs ID	Abstract Title	Title	Name	Institution / Affiliation	Country
10	"An efficient wound healing hydrogel based on a hydroalcoholic extract of Moringa oleifera seeds"	Ms.	Aaliya Ali	Shoolini University	India
11	"Novel thymoquinone loaded chitosan-lecithin micelles for effective wound healing: Development, characterization, and preclinical evaluation"	Ms.	Prakrati Garg	Shoolini University	India
13	Development of Polycaprolactone Hybrid Nanofiber for Biomedical Applications	Ms.	Vandana Kumari	IIT Delhi	India
14	Fabrication of Thyme Oil loaded Carrageenan-Polyethylene Glycol based Hydrogel Membranes as an Antibacterial Wound Dressing	Ms.	Pratibha Singh	IIT Delhi	India
15	Fabrication of Antimicrobial Dressings Coated with Carboxymethylcellulose Nano Silver Nanogels	Ms.	Ankita Sharma	IIT Delhi	India
21	Mathematical modelling diffusion characteristics transdermal formulation	Mr.	Benu George	National Institute of Technology Calicut	India
22	Smart Designing of Functional Silver Nanogel for Infection-Resistant Systems in Human Healthcare	Ms.	Manali Somani	IIT Delhi	India
26	Fe3O4 embedded oxidized sterculia gum/Gelatin hybrid system for Anionic dye enrichment	Mr.	Vikrant Singh Rana	Sant Baba Bhag Singh University	India
27	Preparation and Mechanical Characterization of Curcumin Incorporated SPI Films	Mrs.	Shikha Rani	Central University of South Bihar, Gaya, India	India
29	Self-Crosslinked Polyallylamine/ Eudragit S-100 Nanoparticles for Colorectal Cancer	Ms.	Aastha Gupta	IIT Mandi	India
31	Preparation and characterization of polymer biocomposite 3D mat for Bone tissue regeneration	Mr.	Gurumoorthi Ramar	CIPET: School for Advanced Research in Polymers (SARP) - ARSTPS, Chennai	India
33	Morphological and Optical study of Amine Functionalized Ceria Nanoparticles	Mrs.	Nagaveni G H	Davangere University, Karnataka	India
39	Bacterial cellulose adherence on natural fabric through agitated and static cultivation and effect of date syrup as a nutrient on BC production	Mr.	Abhay Pandit	Central University of South Bihar, Gaya	India
44	Synthesis of chitosan-gelatin composite hydrogel loaded with Fe2O3 nanoparticles and its characterization	Ms.	Medha	DAV University	India
47	Polymeric lipid nanoparticles for donepezil delivery	Ms.	Meghana Bhandari	Department of Biomedical Engineering IIT Ropar	India
50	Preparation of Quercetin Incorporated Biopolymeric Films	Ms.	Priya Rani	Central University of South Bihar	India
52	37.5 yarn technology for enhancing thermo-physiological comfort of textile products	Ms.	Samridhi Garg	Dr B R Ambedkar National Institute of Technology, Jalandhar	India
56	Variation in Biological Parameters during Monsoon and Post-Monsoon season in Himalayan and Upper Segments of River Yamuna	Mrs.	Shiwani Sharma	Abhilashi University, Mandi	India
58	Biomass driven efficient Sensor for selective removal of Uranium (VI) from aqueous medium	Mrs.	Preeti	Panjab University Chandigarh	India
66	Fabrication of Okra/Psyllium@poly(AAm)-IA Smart Material: Studies on Responding Behavior to pH and Temperature External Stimuli	Mr.	Alok Kumar Dixit	Dr B R Ambedkar National Institute of Technology (NIT) Jalandhar 144 011 (Punjab) India	India

68	In-Air Preparation of pH and Temperature Responsive Poly(AAm)-IA Superabsorbent: Evaluation of Swelling Behaviour	Mr.	Krishna Kr Pandey	Dr B R Ambedkar National Institute of Technology (NIT) Jalandhar 144 011 (Punjab) India	India
71	Microwave assisted synthesis of RSM-CCD optimized chitosan and sodium alginate based nanocomposite containing inclusion complexes of amlodipine besylate for sustained drug delivery systems	Ms.	Khushbu	Dr BR Ambedkar National Institute of Technology Jalandhar	India
73	Phytochemical characterization of the ethanolic extract of Kaempferia galanga rhizome from Meghalaya, India for potential anti-oxidant activities using TLC and GCMS chromatographic technique - Deep freeze extraction	Mr.	Flavius Phrangsngi Nonglang	NORTH EASTERN HILL UNIVERSITY	India
74	Microwave Assisted Fabrication of Poly-Ok-g-poly(AAm)-MW and Evaluation of Its Physico-chemical Properties	Ms.	Poojita	Dr B R Ambedkar National Institute of Technology, Jalandhar	India
75	Green synthesis of silver nanoparticles using Borago officinalis leaves extract and screening its antimicrobial and antifungal activity	Mr.	Sanjay Ratan Kumavat	University Institute of Chemical Technology (UICET), Kavayitri Bahinabai Chaudhari North	India
78	Extraction and Characterization of Chitosan from Fish Scales and Its Utilization in PVDF Membrane Production for Wastewater Treatment	Mr.	Amrit Pritam Rout	Central Institute of Petrochemicals Engineering & Technology	India
81	Development of radiation resistant elastomeric coating to use for nuclear applications	Ms.	Nikhita Khurana	Shriram Institute for Industrial Research, Delhi	India
82	Diamidoximated cellulosic bioadsorbents from hemp stalks for elimination of uranium (VI) and textile waste in aqueous systems	Ms.	Manpreet Kaur	Punjab University	India
83	Polypeptide based composite hydrogels for tissue engineering applications	Ms.	Supriya Jain	Yenepoya Deemed to be University	India
84	Growth of Biocompatible cerium oxide (CeO <sub>2</sub> ) Nanoparticles by using HPMC polymer as a capping molecule	Ms.	Saraswathi B	DAVANGERE UNIVERSITY	India
87	Weed derived carbon dots based fluorescent sensor for determination of mercury ions in waste water	Ms.	Sharmistha	Punjab University Chandigarh	India
88	Development of laccase loaded PVA nanofibers for the treatment of textile effluents containing azo dyes	Mrs.	Geethadevi Rakeshsharma	PSG College of Arts and Science	India
89	Engineering gold nanobioconjugates using hydrophilic block polymers for sensing bacterial endotoxin	Mrs.	Namitha K Preman	Yenepoya (Deemed to be University)	India
90	Growth and Characterization of PVP Passivated Ag Nanoparticles	Mr.	Maheshkumar	DAVANAGER UNIVERSITY	India
91	Development and characterization of gelatin 3D scaffolds for liver tissue engineering applications	Ms.	Kshama	Amity University, Noida	India
94	Copper perchlorate hexahydrate catalyzed synthesis of biodegradable polyesters from lactones	Ms.	Isha Jain	SLIET Longowal	India
95	Bio-Synthesis and Characterization of Chitosan-Ag Nano hydrogel for Antibacterial Application	Mrs.	Shikha Sharma	Jamia Millia Islamia	India
99	Alginate microspheres containing polymer-induced liquid exfoliated molybdenum disulfide for bone tissue engineering.	Mr.	Pandurang Appana Dalavi	Yenepoya Research Centre, Yenepoya (Deemed to be university)	India
100	S-scheme based heterojunction Cu <sub>2</sub> O/WO <sub>3</sub> for photodegradation of methyl orange under visible light irradiation	Mr.	Parteek Mandyal	Shoolini University, Solan	India
101	S-Scheme based CuWO <sub>4</sub> /NiFe LDH heterojunction for photo degradation of methylene blue dye under visible light irradiation	Mr.	Rohit Sharma	Shoolini University of biotechnology and management sciences	India
102	Gold Nanoparticles Film Modified Immuno-electrode for Electrochemical Biosensing of A Disease Specific Biomarkers	Ms.	Kalpna	The NorthCap University	India

108	Preparation of Mosquito repellent, Antibacterial, and UV protective Polyester using a Novel Disperse dye	Mr.	Ankit Singh	Indian Institute of Technology, Delhi, India	India
109	Synthesis and characterization of chitosan-gelatin composite hydrogel incorporated with MgO nanoparticles	Ms.	Swati Thakur	DAV University	India
111	Electrochemical Sensor Surface Modification with NTA for Sensitive Detection of Bovine Brucellosis	Dr.	Madhuri Bhaskar Jadhav	ICAR-Indian Veterinary Research Institute Izatnagar	India
117	Optical analysis of Agro-waste based liquid crystalline nanocellulose	Mr.	Shiva Singh	Indian Institute of Technology Roorkee, Saharanpur Campus	India
118	Nanocellulose-Boron Nitride Nanosheet for Thermal Management Applications	Mr.	Manoj Sathwane	IIT Roorkee	India
119	Naphthalimide-gold-based nanocomposite for the ratiometric detection of okadaic acid in shellfish	Mr.	Amanpreet Singh	IIT Ropar	India
120	Preparation and physicochemical study of jute and glass composites of epoxy resin of (2E, 6E)-bis(4-hydroxybenzylidene)cyclohexanone	Dr.	Chirag B. Patel	Department of Chemistry, Krantiguru Shyamji Krishna Verma Kachchh University	India
121	LDPE Immobilized with Titanium oxide and tannic acid as a new generation antimicrobial film	Mr.	Satya Deo Mishra	Central Institute of Plastic Engineering and Technology	India
123	Solid Phase Reversible Immobilization (SPRI) beads-based detection of Mycobacterium leprae positive samples through isothermal technique	Mrs.	Nupur Garg	Jamia Hamdard	India
126	Synthesis of nano Magnesium Oxide by Co-precipitation method: Its Effect on HDPE/EVA blend system	Mr.	Biswajit Suar	Central Institute of Petrochemicals Engineering & Technology	India
127	Microwave Absorbing Properties of Carbon Nano Tube Polymer Composites	Dr.	Sandesh Jaybhaye	B.K. Birla College, Kalyaan	India
129	Hyaluronic Acid Decorated Irinotecan Loaded Lignin Nanoparticles: Synthesis, Optimization and Characterization	Ms.	Lubna Siddiqui	Jamia Hamdard	India
131	Rheological study of non-mulberry silk fibroin and gelatin biopolymer blend solutions	Mrs.	Priti Dwivedi	Delhi Technological University, Delhi	India
135	Screening for polythene-degrading bacteria and in-vitro polythene decomposition in dumped soil area	Mrs.	Romana Naaz	Jamia Millia Islamia	India
136	Nanoparticle Mediated Delivery of Histone Deacetylase Inhibitor for Breast Cancer Therapy	Mr.	Sachchidanand Tiwari	Indian Institute of Technology Delhi	India
140	Dual-Z-scheme PANI/Ag <sub>2</sub> O/Cu <sub>2</sub> O heterojunction for photocatalytic degradation of methylene blue	Ms.	Ankita Guleria	Shoolini University of Biotechnology and Management Sciences, Solan	India
143	Synthesis and evaluation of some physical properties of epoxy methacrylate of bisphenol-C: a comparative study with commercial resin Aeropol-7105	Dr.	Rizwan Ghumara	Department of Chemistry, Kadi Sarva Vishvavidyalaya	India
145	Optimization Of Phytoconstituent based nanoformulation Using the BBD Design	Ms.	Suma Saad	Jamia Hamdard	India
149	Anti-cancer therapeutic efficacy of Biogenic synthesis of ZnO nanoparticles using Annona muricata plant leaf extract on tumor models	Mr.	Siva Chander Chabattula	Indian Institute of Technology Madras	India
157	Biopolymer Templated Synthesis of TiO <sub>2</sub> Nanoparticles for Removal of Organic Contaminant Triclosan	Ms.	Arshpreet Kaur	Sant Longowal Institute of Engineering and Technology	India
158	Investigations on excellent selectivity and performance for removal of anionic azo dyes from wastewater using terephthalaldehyde crosslinked chitosan copolymerized with acrylamide	Ms.	Madhvi	Sant longowal Institute of Engineering and Technology	India

159	Imidazolium based anion exchange membrane for Zinc-air batteries	Mr.	Gaje Singh	IIT Ropar	India
161	Low Hysteresis Liquid Infused Slippery substrate for drop motility of various solutes	Ms.	Madhu Bala	Dr B R Ambedkar National Institute of Technology, Jalandhar	India
164	LaTiO <sub>2</sub> N/Bi <sub>2</sub> S <sub>3</sub> Z-scheme nano heterostructures modified with rGO with high interfacial contact for rapid photocatalytic degradation of tetracycline	Dr.	Sunil Kumar Sharma	Shoolini University Solan	India
173	Photocatalytic degradation of acidic and basic dyes by amino acid assisted BiOI	Mrs.	Gurpreet Kaur	I.K. Gujral Punjab Technical University, Jalandhar - Kapurthala Highway, Kapurthala 144602 Punjab	India
178	Silk fibroin-surfactant interaction: Molecular, structural and rheological insights	Ms.	Swarali Hirlekar	CSIR-National Chemical Laboratory	India
180	Synthesis of UV-responsible disulphide and cycloaddition based self-healing polymer by varying the thiol group	Ms.	Diksha Sharma	IIT Ropar	India
181	Isolation and characterization of Eggshell Protein for biomedical application	Ms.	Preeti Sharma	IIT Roorkee	India
182	Waste Biomass based Zinc Detection Sensor in Aqueous Solutions.	Mr.	Vijay Kumar	Panjab University	India
185	Polymeric Benzoxazine-Sulfur Embedded Chitosan Freestanding Beads as a Sustainable Facile Strategy for Remediation of Mercury and Oil	Mr.	Saad Zafar	Shiv Nadar University	India
186	Green Synthesis of Biocompatible Silver Nanoparticles	Ms.	VISMITHA S. PATIL	Davangere University	India
188	Immobilization of Laccase Enzyme on Modified Cellulose nanofibers extracted from Rice straw for Degradation of Pesticides	Ms.	Kavita Sharma	PANJAB UNIVERSITY	India
189	Moringa Oleifera Gum-Based Superabsorbent Nanogel and its Future Perspectives	Ms.	Sunita Ranote	Himachal Pradesh University	India
191	Poly (Acrylamide-co-Acrylic Acid) Hydrogel Nanofibers: Swelling and Drug Release Behaviour	Ms.	Preeti Gupta	Delhi Technological University	India
192	Study of PBS/PBAT blends filled with HNT for food packaging applications	Ms.	Prachi Desai	MIT World Peace University	India
197	Chitosan based nanocomposite coating to extend shelf life of pineapple fruit	Mr.	Indra Bhusan Basumatary	Central Institute of Technology, Kokrajhar	India
199	Fabrication of Uniform Nanosized CeO <sub>2</sub> via controlling the morphological characteristics of Biopolymer template	Mrs.	Gagandeep Kaur	Sant Longowal Institute of Engineering and Technology	India
201	Synthesis of hydroxy apatite from waste eggshells and sea shells-recycling materials for the production of hydroxy apatite.	Dr.	Tresa Sunitha George	St. Paul's college, Kalamassery	India
202	A cellulose paper-based electrochemical immunoassay for the bacterial infection specific biomarker detection using gold nanoparticles	Ms.	Yachana Gupta	The NorthCap university	India
203	Physiochemical characterization, cellular interaction and commercial application of partially cryoaggregated gold nanoparticles	Dr.	Ankita Mishra	Indian Institute of Technology Kanpur	India
210	Chitosan-grafted-polybenzoxazine: Fully bio-based films	Ms.	Sangeeta Sahu	Shiv Nadar University	India
212	Neuroprotective Potential of Ayurvedic Herbal Extracts as Promising Approach for Therapeutic management of Alzheimer Disease	Ms.	Nidhi Gupta	CSIR- NATIONAL PHYSICAL LABORATORY	India

218	Improvement of Antimicrobial PLA film with Zinc Oxide and Tannic Acid for Pharmacy Packaging	Mrs.	Ambika Yadav	Central Institute of Petrochemicals Engineering and Technology	India
220	Biocompatible Porous Silica Aerogel Carriers for Efficient Antibacterial Drug Delivery	Dr.	Xie Hui	Shenzhen University	China
222	Bilosomes and Liposomes of Bacopa monnieri Extract for Nootropic Applications: A Comparative Study	Dr.	Anoop Narayanan V	Nitte(Deemed to be University)	India
223	CURCUMIN - SILVER NANOPARTICLES LOADED CHITOSAN SCAFFOLDS FOR WOUND HEALING APPLICATIONS	Mr.	Anish John	Department of Pharmaceutics , Nitte (Deemed to be University), NCSM Institute of	India
225	Formaldehyde Gas Sensor based on MoS <sub>2</sub> /RGO 2D/2D Functional Nanocomposites	Ms.	Jyoti Gupta	Amity Institute of Applied Sciences	India
226	Microwave assisted synthesis of SLS/amino acid stabilized quercetin loaded chitosan nanoparticles and their bactericidal effect against harmful bacteria	Ms.	Kumari Mansi	Shoolini University, Solan, 173212 (H.P.) India	India
230	Colistimethate Sodium Loaded Chitosan Hydrogel for the Treatment of Drug Resistant Gram Negative Bacterial Infections	Ms.	Nivethitha Ashok	Amrita Vishwa Vidyapeetham	India