

Abs ID	Abstract Title	Title	Name	Institution / Affiliation	Country
12	Effect of nano silica on phase transformation from form-II to form -I of Polybutene-1	Mrs.	Deepali S. Kulkarni	MIT World Peace University	India
20	Facile Access to Multi-stimuli Responsive (Bio)Polymers	Dr.	Sanjib Banerjee	IIT Bhilai	India
25	Polypyrrole coated bi-adsorbents for removal of arsenic from contaminated water	Dr.	Subhankar Maity	Uttar Pradesh Textile Technology Institute, Kanpur	India
28	Biopolymeric Nanofibrous Bandage for Wound Healing Applications	Dr.	Elakkiya Thangaraju	Sri Sarada College for Women (Autonomous), Salem	India
30	Ultrasonically synthesized hydrogel and Study of polymerization parameters on percentage grafting	Dr.	Navneet Bhullar	Chandigarh University Mohali	India
32	Development of sulfur based high refractive index polymer for ophthalmic applications	Mr.	Mohit Kumar Sharma	Shriram Institute for Industrial Research, Delhi	India
35	Polyvinyl Alcohol based Functional Nanogels for the Bioactive Finishing of Cotton Fabric	Dr.	Chetna Verma	IIT Delhi	India
36	Room Temperature Synthesis, Characterization of (Zn/Co)-ZIFs and their application as efficient scavengers for U(VI)	Dr.	Inderpreet Kaur	Guru Nanak Dev University	India
37	Growth and Spectral Features of Silver Doped Aniline-Formaldehyde Nanocomposite Polymer: Density Functional Theory Investigation	Dr.	Anant D. Kulkarni	Somaiya Vidyavihar University, Mumbai	India
38	Evaluation of Machining Performance and Parametric Optimization During Drilling of Bio-Nanocomposite	Mr.	Umang Dubey	Madan Mohan Malaviya University of Technology	India
43	An initial report on the effect of anionic charge of Gelatin Nano drug carrier on Stomatal Cells	Dr.	Shamayita Patra	Shri Vaishnav Institute of Textile Technology, SVVV	India
48	Development And Properties Of Guava Based Nano-Edible Coating For Fresh Fruit Application	Dr.	Susmita Dey Sadhu	Bhaskaracharya College of Applied Sciences, University of Delhi	India
51	Metal-Free Polyester Nanomaterials for Biomedical Use and Potential Clinical Application	Dr.	Piyush Kumar Gupta	Sharda University	India
54	Effect of HPMCK15M concentration on gelation and drug release profile of soy-oleohydrogel hybrids	Ms.	Dipanjana Ash	BCDA College of Pharmacy & Technology	India
55	Smart Nanocarriers as Versatile Platforms for Targeting Skin Diseases	Dr.	Neha Tiwari	University of Bayreuth	Germany
57	An oxygen releasing breathing cardiac patch for myocardial infarction	Dr.	Parvaiz Ahmad Shiekh	Indian Institute of Technology Kanpur	India
69	Role of natural polymer as carrier system for targeting cognitive disorders	Dr.	Bhavna	DIT University	India
76	Cerium Oxide-Bioadhesive Nanocomposites for Biomedical Applications	Dr.	Himansu Sekhar Nanda	PDPM IIITDM JABALPUR	India
92	Polymeric aligned Nerve Guidance Channels (NGCs) and exosomes alleviate regeneration in diabetic peripheral neuropathy condition	Dr.	Anamika Singh	Indian Institute of Technology Kanpur	India
128	SYNTHESIS OF ANTIBACTERIAL SILK SERICIN / PVA NANOFIBERS FOR WOUND DRESSING : IN VITRO AND IN VIVO STUDIES	Dr.	Abirami M	D.G. Vaishnav College, Chennai	India

130	Fabrication of Antimicrobial Textiles with Scoparia dulcis Extract Loaded Chitosan Alginate Nanoparticles	Dr.	Rajalakshmi V	Prof Dhanapalan College of Arts and science	India
133	A magnetically recyclable Bi ₂ WO ₆ /Fe ₂ O ₃ /WO ₃ heterojunction for photodegradation of bisphenol-A from polluted water	Dr.	Pooja Shandilya	Shoolini University	India
138	Analysis of challenges in 3D printing shape memory polymer (SMP) in medical applications	Dr.	Savita Verma	Galgotias College of Engineering & Technology (GCET), Greater Noida	India
139	Compost production and sustainable bio waste management through indigenous method	Dr.	Meena Kumari	Department of Biosciences.H.P.U.Shimla	India
141	SYNTHESIS OF CHITOSAN BASED NANOHERBAL COMPOSITE FOR BIOMEDICAL APPLICATIONS	Dr.	Premasudha P	Bharathiar University	India
144	A Study of Activity, Kinetics and Reusability of Immobilized Lipase in Hydrolytic Reactions and Application in Esterification Reactions	Dr.	Samjeet Singh Thakur	Rajiv Gandhi Memorial Govt. College Joginder Nagar / HPU Shmla	India
150	Development of composite hydrogel for drug delivery application	Dr.	Sapna Sethi	DAV University Jalandhar	India
156	Biopolymers as Potential Materials for Development of Greener and Sustainable Solutions for Environmental Remediation	Prof.	Dhiraj Sud	Sant Longowal Institute of Engineering and Technology	India
160	Dynamic Light Scattering Studies on Thermogelation of Dilute Aqueous Solution of Methylcellulose: A Mathematical Approach	Dr.	Ratan Pal Singh	GSSDGS Khalsa College Patiala	India
166	Graphene oxide-Polyaniline Nanostructures as Electrode Materials for Energy Storage	Dr.	Sandeep Chauhan	Himachal Pradesh University	India
170	Biomolecule-assisted Synthesis of BiO ₂ and its Performance as Photocatalyst under Visible Light	Dr.	Priti Bansal	Punjabi university Patiala, South campus	India
172	Chitosan Mediated Polypyrrole Nanotube Decorated with MoS ₂ Quantum Dots for All Solid State and Flexible Symmetric Supercapacitor Applications	Dr.	Vijeth H	Mangalore Institute of Technology and Engineering Moodbidri	India
193	Polymers in biomedical engineering applications for 3D printing	Dr.	Nimish Shah	Nirma University	India
195	Synergistic Effect of Encapsulated Linseed Oil and Soybean Oil Blend in Phenol-formaldehyde Microcapsule on Self-Healing Efficiency of Anticorrosive Coatings	Dr.	Priyanka Suresh Rao Shisode	S. S. V. P. Sanstha S. L. K. P. K. Ghogrey Science College, Deopur, Dhule, Affiliated to Kavayitri Bahinabai	India
207	Purification of Magnesium and synthesis of its alloys containing stoichiometric and non-stoichiometric bone like bioactive nano-sized hydroxyapatite for bone regeneration	Dr.	Shazia Asger Shaikh	IIT Kanpur	India
211	Studies on Water Vapor Transmission Rates through Biopolymer Blends for Food Packaging	Mr.	Amolkumar Desale	School of Petroleum, Polymer and Chemical Engineering, MIT-World Peace University, India	India
215	Combinatorial Study of Anticorrosive Coatings with Multicore Microcapsules and Polyaniline Nanoparticles: A Novel Approach	Mr.	Umesh Baban Gawai	Dr. Amal Kumar D. Deore Arts and Science College Mhasadi, Tal- Sakri, Dist- Dhule (MS)	India
216	Design and Fabrication of Gelatin based electrospun filter media for Bio-separation Applications	Dr.	Ashwini Wali	CSIR-NCL	India
219	Generation of regenerative tissue engineered construct with autologous chondrocyte encapsulated in platelet rich plasma/alginate-based hydrogel for cartilage tissue regeneration	Dr.	Bhisham Narayan Singh	Manipal School of Life Sciences, MAHE, Manipal	India