

Abs ID	Abstract Title	Title	Full Name	Institution / Affiliation	City	Country
2	Preparation of Ph Sensitive Film Based on Starch/Carbon Nano Dots Incorporating Anthocyanin for Monitoring Spoilage of Pork	Mrs	Rekha Rose Koshy	Bishop Moore College	Alappuzha	India
3	Development of Nano Wollastonite Modified Adhesive for Low Formaldehyde Emitting Particle Board	Dr	Ranjana Yadav	Indian Plywood Industries Research & Training Institute	Mohali	India
6	Composite Polyelectrolyte for Quantum dot sensitized solar cell	Dr	Sunil Kumar	R.B.B.M. College, B.R.A. Bihar University, Muzaffarpur	MUZAFFARPUR	India
7	Electrospinning Process Optimization of Nylon 6 in Needle-Less Wire Electrode Instrument Using Response Surface Method (Rsm)	Dr	Prasanta Kumar Panda	The Bombay Textile Research Association, Mumbai	Mumbai	India
14	Development of Chitosan Based Active Coating Containing Esesntial Oil Nanoemulsion for Prolonging Postharvest-Life of Pineapple	Mr	Indra Bhusan Basumatary	Central Institute of Technology, Kokrajhar, Deemed to be University under MoE, Govt. of	Kokrajhar	India
18	Hydrogel for Drug Delivery Applications	Ms	Indu Rani	Delhi Technological University , New Delhi	PANIPAT	India
22	Gallium Nanoparticle Loaded Hydrogels for Antibacterial and Antibiofilm Applications	Ms	Deepa Negi	IIT Ropar	Rupnagar	India
24	Piezoelectricity Induced Light Excitation in a Zinc Loaded Fluoropolymer	Dr	Dipanjan Sengupta	Institute of Nano Science and Technology (INST), Mohali	Mohali	India
29	Synthesis of Antimicrobial Agents Based on Ligand Metal Complexes	Ms	Ambika Jindal	G.D Goenka University, Sohna	Gurugram	India
31	Bionanomaterials in Regenerative Periodontics	Dr	Sowmya Srinivasan	Department of Periodontics, Amrita School of Dentistry	Kochi	India
38	Investigation of Mechanical Properties of Single Crystal Bi0.5Sb1.35Ni0.15Te3 Thermoelectric Material	Ms	Sahiba Bano	CSIR-NPL	Delhi	India
45	Green Synthesis of Silver Nanoparticle, Characterization, and Antimicrobial Activity Using Uraria Picta Leaves Extract	Mr	Sanjay Ratan Kumavat	University Institute of Chemical Technology (UICT), Kavayitri Bahinabai Chaudhari North	JALGAON	India
47	Functional Nanosilver Nanogels By Aloe Vera for Bioactive Finishing of Materials	Dr	Chetna Verma	IIT Delhi	New Delhi	India
50	Fabrication of An Eco-Friendly Zns Hydrogel Nanocomposite Adsorbent for The Effective Removal of Toxic Textile Dyes	Dr	Amit Kumar Sharma	IIT Mandi	Jalandhar	India
51	Redox Responsive Polyallylamine Based Nanoparticles for Colon Targeted Cancer Therapy	Ms	Aastha Gupta	Indian Institute of Technology Mandi	Mandi	India
54	Evidence for The Nano Scaled Precursor State of The Premartensite Phase in Ni2Mnga Magnetic Shape Memory Alloy	Mr	Anupam Kumar Singh	Indian Institute of Technology (Banaras Hindu University)	Varanasi	India
55	Redox Responsive Dhba- Functionalized Chitosan-Stearic Acid Nanoparticles for Controlled Agrochemicals Delivery	Ms	Ankita Dhiman	IIT Mandi	Mandi	India
59	Co2 Plasma Induced Nano Level Surface Modification for Polycaprolactone Based Small Diameter Blood Vessel Scaffold Synthesis	Dr	Shamayita Patra	SVITT, SVVV	INDORE	India
61	Metal Organic Framework Based Surface Modification of Chitosan-Gelatin Cryogels for Wound Healing Applications.	Ms	Vaidehi B.R.	Manipal Academy of Higher Education	UDUPI	India
63	Influence of a new aprotic solvent mixture on the surface architecture and proton conduction in SPVDF-co-HFP based nanocomposite membrane for fuel cell applications	Ms	Rosalin Rath	(SARP), (LARPM), (CIPET), Bhubaneswar	BHUBANESWAR	India
64	Nanopolymers in Drug Delivery System	Prof	Nimish Shah	Institute of Technology, Nirma University	Ahmedabad	India
66	Blends of Neem Oil Based Polyesteramide as Nanofiber Mats To Control Culicidae	Ms	Sravanya Konchada	CSIR-National Chemical laboratory	Pune	India
72	Surface Plasmon Resonance Based Dna Biosensor for Detection of Puccinia Striformis in Wheat.	Dr	Rizwana Rehsawla	CCS Haryana Agricultural University, Hisar 125004, India	Gurugram	India
73	Exploring Nanocluster Quantum Dots: Molecular Tailoring Approach (Mta) Assisted Density Functional Theory Investigations	Dr	Anant D. Kulkarni	Department of Polymer Science, SKSC, Somaia Vidyavihar University, Mumbai	Mumbai	India

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74	Solubilization and Interactional Study of Two Hydrophobic Drugs Quercetin and Curcumin in Pluronic and Pluronic-Labrasol Mixed Micelles	Ms	Jaspreet	Guru Nanak Dev University	SHAHID BHAGAT SINGH NAGAR	India
76	New Generation Nanotheranostic Agents Against Alzheimer Disease	Mrs	Manju Sharma	Institute of Nanoscience and technology, Mohali, India	SAS Nagar	India
77	Cation Distribution & Spin Dynamic: A Key To Ascertain The Structural, Optical and Magnetic Behaviour in CTAB Capped Co _{1-x} Zn _x Fe ₂ O ₄ Nano-Ferrites	Mr	Prashant Kumar	CSIR-NATIONAL PHYSICAL LABORATORY, NEW DELHI-110012	New Delhi	India
81	Antibacterial Activity Titanium Dioxide Nanoparticles Synthesized Using Psidium Guajava (Guava) Leaf Extract	Ms	Archana	NPL	New Delhi	India
82	Designing Cellulose Based Functional Materials for Green Energy Related Biotechnological Applications	Dr	Sourav	Institute of nano science and technology, Mohali	Mohali	India
84	A Dft Study on Hydrogen Storage Capacity of Lin=1-5B14 Cluster at Room Temperature	Dr	Aditya Kumar	Motilal Nehru National Institute of Technology Allahabad	Prayagraj	India
87	Molecular Self Assembly: A Way Forward To Healthcare Treatment in Future?	Dr	Bhargav Vijay Bhide	All India Institute of Ayurveda, New Delhi	New Delhi	India
88	Bismuth Ferrite Based Polymeric Nanocomposite Hydrogel for Its Application in Uptake-Mineralization of Organic Effluents	Dr	Priya Bhalla	Dr BR Ambedkar National Institute of Technology, Jalandhar	Jalandhar	India
89	Effect of Alkali Treatment and Calcination Time on Natural Hydroxyapatite Derived From Caprine Bone	Ms	Ipsita Pattanayak	LARPM, Central Institute of Petrochemicals Engineering and Technology	Bhubaneswar	India
93	Synthesis and Characterization of 45S5 Bioactive Glass for Bone Tissue Engineering Application	Ms	Pragyan Aparajita Dash	SARP:LARPM, CIPET BBSR	Bhubaneswar	India
98	Synthesis and Characterization of 5-Fu and Mgo Nanoparticle Incorporated PCL/MC/PEG Nanofiber Mats	Mr	E. Jaisankar	Coimbatore Institute of Technology	Coimbatore	India
99	Protein-Based Edible Films Fortified With Bioactive Glass Nanoparticles for Bone Health Applications.	Mrs	Manjot Kaur	Delhi Technological University	Delhi	India
100	Synthesis and Electrical Characterization of Nanostructure SnO ₂ /Reduced Graphene Oxide Composite	Dr	Saleem Khan	Central University of Jammu	Samba	India
103	Response of Shear Thickening Fluids Impregnated Fabrics for Soft Body Armor	Mr	Nitin Kumar	IIT Delhi	NEW DELHI	India
113	Bimetallic Copper-Iron Oxide Nanoparticles Coated Leathers for Lighting Applications	Dr	Murali Ragothaman	Anna University	Chennai	India
114	Enhancement in Mechanical, Structural and Gas Barrier Properties of PET Using Different Nanofillers	Ms	Dipti Saxena	Indian Institute of Technology (BHU) Varanasi	Varanasi	India
115	Chemi-Mechanical Processing of Cellulose Nanofibers From Bamboo and Development of Natural Fibre-Based Nanocomposites	Ms	Garima Joshi	Institute of Wood Science and Technology (IWST), Bangalore, India	Bangalore	India
120	Development of MIP Sensor for Detection of Acetylcholine Neurotransmitter	Mr	Yashwant Rao Singh	Indian Institute of Technology Delhi	New Delhi	India
124	Biogenic Synthesis of ZnO Nanoparticles Using Annona Muricata Plant Leaf Extract and Its Anti-Cancer Efficacy	Mr	Siva Chander Chabattula	Indian Institute of Technology Madras	Chennai	India
126	Label Free Serum Albumin Nanoparticles for Imaging and Drug Delivery	Mr	Bamadeb Patra	Department of Biotechnology, Indian Institute of Technology Madras	Chennai	India
129	Developing Collagen Mimetic Ionic Complementary Peptide Hydrogels for Biomedical Applications	Mr	Vijay Kumar Pal	INSTITUTE OF NANO SCIENCE AND TECHNOLOGY	Mohali	India
135	Multiple Cues in Acellular Amniotic Membrane Incorporated Embelin for Tissue Engineering	Ms	Sudha Varadaraj	Indian Institute of technology, Madras	Chennai	India
141	PCL/Nano-Hydroxyapatite Based Solution Blow Spun Scaffold for Bone Tissue Regeneration	Ms	Darshna	IIT-BHU	Varanasi	India

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142	Polymer Based Formulation for Treatment of Diabetic Foot Ulcer	Ms	Megha Gupta	GD Goenka University	Gurgaon	India
148	Investigation of Gas Barrier and Weather-Resistant Properties of Poly (Vinyl -Vinylidene Fluoride) (Pvf-Pvdf-)/Go Based Nanocomposites Film for Inflatable Applications	Dr	Shikha Chouhan, B.S. Butola And Mangala Joshi	Indian Institute of Technology Delhi	New Delhi	India
149	Muc1 Antibody Targeted Delivery of Chemotherapeutics in A Plc-Based Nano Formulation for Cancer Therapy	Ms	Priya Gupta	IIT DELHI	DELHI	India
150	Role of Supramolecular Nanostructures: Bioactive and Mechanical Integrity for Tissue Engineering	Dr	Nidhi Gupta	Institute of Nano Science and Technology Mohali	Delhi	India
156	Optical and Structural Studies of Pvp Capped Silver Oxide Nanoparticles	Ms	Saraswathi B	DAVANGERE UNIVERSITY	DAVANGERE	India
158	Molecular Dynamics Simulations of Sulfonated Polyarylene Ether Ketone as Low Temperature Polymer Electrolyte	Dr	Anurag Prakash Sunda	J. C. Bose University of Science and Technology, YMCA, Faridabad	Faridabad	India
159	Template-shape-replicated Nitrogen-rich Mesoporous Carbon Nanospheres: Design, Synthesis and Applications	Dr	Sanjib Banerjee	IIT Bhilai	Raipur	India
160	Mose2@Rgo Nanocomposite as Advance Electrode Material for Energy Storage Applications	Dr	Arvind Singh	Indian Institute of Technology Patna, 801106, India	Patna	India
162	Analytical model for optical bistability in nonlinear hybrid nano-system involving Kerr materials	Dr	Sonam Mahajan	DIT University, Dehradun	Dehradun	India
164	Cellulose Nanofibers Reinforced Bioplastic Films for Packaging Application	Ms	Rishpreet Kaur	Dr B.R Ambedkar National Institute of Technology, Jalandhar	Ludhiana	India
165	Assessment of Polyherbal Oil-Based Nano-Emulsion Formulation for Multifaceted Topical Ailments	Mr	Yaswanth P M	National Institute of Technology, Calicut	Calicut	India
166	Long Length Fibre Based on Drawable Multiwall Carbon Nanotubes Grown By CVD	Mr	Mayank Pal	CSIR-NATIONAL PHYSICAL LABORATORY	LAXMI NAGAR	India
167	Thermoelectric Properties of SnO2-Carbon Nanotubes Based Flexible Paper	Ms	Rashmi Rani	CSIR-NPL, New Delhi	New Delhi	India
168	Pervaporation Characterization of Sio2 Loaded Blend Membranes of Sa/Pva for Separation of Water-Propanol Mixtures	Dr	Maruthi Yeggada	Sri Krishnadevaraya University, Ananthapuramu	Ananthapuram u	India
169	Molecular Self Assembly: A Way Forward To Healthcare Treatment in Future?	Dr	Bhargav Vijay Bhide	All India Institute of Ayurveda, New Delhi	New Delhi	India
175	Rheological Performance of Molybdenum Disulfide Nanosheets in Lubricating Fluid	Dr	Vishakha Kaushik	DIT University, Dehradun	Dehradun	India
178	Hydrogen Plasma Smelting - A One-Step Sustainable and Eco-Friendly Route to Produce Green and Clean Steel	Dr	Pravas Ranjan Behera	CSIR-IMMT, Bhubaneswar	Bhubaneswar	India
180	Review of Mercurial Preparation To Prove It as A Nanomedicine.	Dr	Ganesh Ananda Tambe	all india institute of ayurveda	sarita vihar	India
181	Preparation of Smart Thermal Energy Storage Polymer for Maintenance Free Applications	Mr	Mukesh Yadav	Institute of chemical technology	Mumbai	India
183	Concept of Nano Drug Delivery System in Ancient India	Dr	Sakshi Badyal	All India Institute of Ayurveda, New Delhi	Delhi	India
187	A simple one pot green synthesis of NiVO4 nanocomposite using "Morinda tinctoria", and its Antimicrobial activity Solar photocatalysis studies	Dr	Karthiga Rajendaran	C.P.A. College, Bodinayakanur-625513, Tamilnadu, India.	Theni	India
194	High Performance All-Solid-State Supercapitor Based on 2D-Amorphous Cu-Co-B Alloy Nanosheets for Energy Storage	Mr	Javed Muhommad	University of Delhi	New Delhi	India
203	Antibacterial Characteristics of Nanofibrous Polymer Scaffolds for Soft Tissue Regeneration	Mr	Gurumoorthi Ramar	CIPET: School of Advanced Research in Petrochemicals (SARP)-ARSTPS, Chennai	Chennai	India
215	Ayurvedic Copper Calx and Green Synthesized Copper Nanoparticles With Special Reference To Their Utility in Medical Science	Dr	Aleena Gauri	ALL INDIA INSTITUTE OF AYURVEDA	New Delhi	India

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222	Iron-Iron carbide (Fe/Fe ₃ C) encapsulated in S, N co-doped graphitic carbon as robust Hydrogen evolution electrocatalyst	Mr	Aniruddha Jaiswal	INDIAN INSTITUTE OF TECHNOLOGY	VARANASI	India
226	High interfacial charge carrier separation in Fe ₃ O ₄ modified SrTiO ₃ /Bi ₄ O ₅ I ₂ robust magnetic nano-heterojunction for rapid photodegradation of diclofenac under simulated solar-light	Dr	Sunil Kumar Sharma	Shoolini University	NALAGARH	India
233	A highly efficient step-scheme heterojunction for photodegradation of aqueous pollutant	Dr	Pooja Shandilya	Shoolini University	Kasauli	India
234	MOF derived metal oxide/graphene oxide (GO) nanocomposites for catalytic dye degradation	Dr	Himadri Acharya	Assam University	Silchar	India
235	Green Synthesis of 2D –Carbon as Promising Electrode Material for Voltametric Determination of Arsenic Based Drug	Dr	Monika Srivastava	Indian Institute of Technology(BHU), Varanasi	Varanasi	India
237	Enhanced thermoelectric power factor in hot pressed bulk nanostructured calcium cobalt oxide ceramics	Ms	Nidhi Puri	University of Delhi	Ghaziabad	India
244	Active Plant Constituents Enriched Nanostructured Lipid Carriers Embedded into 3D Printed Wafer for Oral Cancer Mitigation in North-Eastern Region of India	Dr	Subham Banerjee	National Institute of Pharmaceutical Education and Research (NIPER)-Guwahati	Guwahati	India
247	Anisotropic Concave Gold Nanostar for Electrocatalytic Detection of Serotonin and Kynurenine in Biological Sample	Ms	Anuradha Roy	Saha Institute of Nuclear Physics	Kolkata	India
248	Development of Bimetallic Au-Ag Bi-functional Electro-Catalyst for Alkaline Direct Alcohol Fuel Cell Applications	Ms	Arpita Nandy	Saha Institute of Nuclear Physics	Kolkata	India
256	Synthesis, Characterization and Environmental Application of Nanocomposites for Photocatalysis	Dr	Kamakshi T	Mallareddy Engineering College for Women	Hyderabad	India
258	Biodegradable scaffold for sustained herbal drug release for faster wound healing	Ms	Amita Santra	IIT-BHU	varanasi	India
260	Anti-infective coatings for polypropylene medical devices using Zinc Oxide Nanoparticles.	Mr	Akshit Malhotra	Tripura University and, Invisiobiome, New Delhi	Suryamaninagar	India
280	Effect of nature of electrolyte on electrochemical performance of highly porous tin oxide/carbon nanofibers	Dr	Ashish Gupta	National Institute of Technology, Kurukshetra	Kurukshetra	India