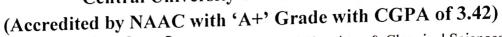
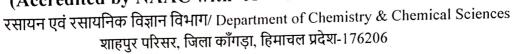


हिमाचल प्रदेश केंद्रीय विश्वविद्यालय

Central University of Himachal Pradesh







CCS 627 M.Sc. Dissertation of students Session 2023-2024

S.NO.	Name	Roll No	Title Of Dissertation	Name of Faculty Supervisor
1.	Anjali Katoch	CUHP22CCS06	Iron Doped Nickel	Dr. Vivek Sheel
1.	Anjan Ratoen	00111 22 000 0	Oxide/Graphene Oxide	
			Nanocomposite for	
			Photocatalytic Degradation of	
			Wastewater Pollutants	
2.	Arti Kushwah	CUHP22CCS11	Photocatalytic Efficiency of	Dr. Vivek Sheel
2.	7 Hel Teasii wan		Selenium Doped Graphene Oxide	
			Nanocatalyst for Removal of	
			Textile Pollutants	
3.	Mousumi Paul	CUHP22CCS24	Chitosan Stabilized Selenium	Dr. Vivek Sheel
٥.,	1110 415 41111 11 11 11 11 11 11 11 11 11 11 11		Nanoparticles for the Removal of	
		_	Waste Water Pollutant.	
4.	Vikas	CUHP22CCS37	Heterogenous CuO-NiO-ZnO	Dr. Vivek Sheel
٦.	Choudhary		Metal Oxides Nanocomposites	
			For Photocatalytic Degradation	
			of Cationic Dye	
5.	Somesh	CUHP22CCS43	Polyvinyl Alcohol Coated Iron	Dr. Vivek Sheel
	Vashisth		Oxide Nanoparticles For The	
			Photocatalytic Removal Of	
			Synthetic Dyes From Aqueous	
			Solution	
6.	Aman	CUHP22CCS05	Microemulsion Mediated	Dr. Pramod Kumar
		- K 1.	Organically Modified Silica	
		12	Based Sensor for Electrocatalysis	
7.	Arpita Sen	CUHP22CCS10	Design and characterize magnetic	Dr. Pramod Kumar
			biochar from biomass for dye	
-		2	degradation	
8.	Deeksha	CUHP22CCS14	Development of Microemulsion	Dr. Pramod Kumar
			Mediated ORMOSIL	
	Ta and	1	Nanoaprticles Doped with	
			Fluorophore and Its Application	
-	211		in Bio Medical	
9.	Nipjyoti Sharma	CUHP22CCS26	Synthesis and Characterization of	Dr. Pramod Kumar
			Agriculture Waste Produced	
		100 E	Biochar for Photocatalytic	
TE T			Degradation	

			To de la Characterization of	Dr. Pramod Kumar
10.	Sahil	CUHP22CCS31	Synthesis and Characterization of	DI. Flamou Kumai
			Mixed Biochar for Removal of	
			Hazardous solvents for	
			Wastewater Treatment	
11.	Sahil Thakur	CUHP22CCS32	Development of Mixed Pinechir	Dr. Pramod Kumar
			and Plastic Waste Biochar to	
			Biochar LDH Composite For the	
			Detection of Heavy Metal ions	
12.	Akshit	CUHP22CCS04	Photocatalytic Degradation of	Dr. Manish Kumar
			Methylene Blue using	
			Molybdenum Oxide	
			Nanoparticles Prepared by	
			Combustion Assisted Method	
13.	Ankita Sharma	CUHP22CCS07	Synthesis and Characterization of	Dr. Manish Kumar
			Carbon Nanoparticles/Zinc	
			Oxide/Titanium dioxide	
			Nanocomposites for ·	*
			Environmental Remediation	
14	Ankush	CUHP22CCS08	Synthesis and Characterization of	Dr. Manish Kumar
	Chaudhary		Zinc Oxide/Graphene	
			Oxide/Sodium Alginate	
			Nanocomposites for Pollutant	
			Degradation	
15.	Deepanshu	CUHP22CCS40	Synthesis of Fertilizer Loaded	Dr. Manish Kumar
h _y -	Lodhia		Poly(vinylpyrrolidone)/Chitosan	Dr. Mainsii Kumai
			based Hydrogel for Agriculture	
			Applications	
16.	Jasmine	CUHP22CCS41	Degradation of Methylene Blue	Dr. Manish Kumar
			by Tertragonal Zirconium Oxide	Di. Manish Kumai
			Nanoparticles Synthesized by	
			Combustion Method	
17.	Preeti	CUHP22CCS42	Fabrication and Characterization	Dr. Manish Kumar
			of novel MnTiO ₃ /MnFe ₂ O ₄	Di. Manish Kumar
			heterojunction with its	
			application in photocatalytic	
			degradation of organic dyes	
v^			under visible light irradiation	
18.	Simranjeet Kaur	CUHP22CCS35	Nitrogen and Sulfur Co-doped	Dr. Maarai Cunta
			Carbon Nanofiber for the	Dr. Neeraj Gupta
			Detection of Lead (II) ions in	
•			Contaminated Water	
19.	David Rosario	CUHP22CCS13	Facile and Green Synthesis of	Dr. Noorei C.
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Paddy Straw Modified N,S-	Dr. Neeraj Gupta
ev -			Carbon Quantum Dots for the	
	ALE THE CONTRACTOR OF THE	FAR PAR SENDER OF THE STATE OF THE SENDER OF	Tancon Quantum Dots for the	

			Fluorescent Sensing of Dopamine	
20.	Deepanshu Chaudhary	CUHP22CCS35	Designing of Carbon-based Nanomaterials for Environmental Remediation	Dr. Neeraj Gupta
21.	Govind Prjapat	CUHP22CCS16	Exploring Nickel-Based Heterogeneous Catalyst for C-H Functionalization of 5- Hydroxymethylfurfural	Dr. Neeraj Gupta
22.	Himani Bhadwal	CUHP22CCS35	Harnessing Nickel as Heterogeneous Catalyst for C-H Bond Activation in Benzaldehyde	Dr. Neeraj Gupta
23.	Mohit Kumar	CUHP22CCS23	Fabrication of N-doped Carbon based Nanomaterials for Waste Water Treatment	Dr. Neeraj Gupta
24.	Aril Attri	CUHP22CCS09	Green Synthesis of carbon dots using white-radish juice via hydrothermal treatment	Dr. Shiwani Berry
25.	Hitendar Kumar	CUHP22CCS18	Photocatalytic Investigation of MgO Nanoparticles Prepared by Green Synthesis	Dr. Shiwani Berry
26.	Isha	CUHP22CCS19	A Cost-effective Method for the Efficient Synthesis of Knoevenagel Condensation Reaction and Photocatalytic Degradation of Crystal Violet Dye Using Potato Rich Starch Coated Iron Oxide Nanoparticles	Dr. Shiwani Berry
27.	Ishita	CUHP22CCS20	Biogenic Synthesis, Characterization and Photocatalytic Efficacy (Methylene Blue) of MgO Nanoparticles using Psidium Guajava Leaf Extract	Dr. Shiwani Berry
28.	Sakshi	CUHP22CCS33	Synthesis of Imine-Based ZnS Nanoparticles for Efficient Degradation of Methylene Blue	Dr. Shiwani Berry
29.	Apoorva Kaundal	CUHP22CCS39	Comparative Study of Crystal Violet Dye in Dual Phase Using Chitosan – Vanillin Schiff Base	Dr. Shiwani Berry

30.	Aarti	CUHP22CCS01	Heavy Metal Ion detection by Biopolymer coated Chitosan	Dr. Rajendar kumar
31.	Palak	CUHP22CCS27	Green Synthesis of Copper Oxide Nanoparticles decorated with Graphene Oxide for	Dr. Rajendar kumar
32.	Praduman	CUHP22CCS29	Photocatalytic application Synthesis of Covalent Organic Framework for the detection of heavy metal ions	Dr. Rajendar kumar
33.	Priya	CUHP22CCS30	Biopolymer conjugated Cerium Oxide Nanoparticles and their Photocatalytic Activity	Dr. Rajendar kumar
34.	Shalin Shukla	CUHP22CCS34	Synthesis &characterization of green fluorescent carbon based quantum dots from fenugreek leaves	Dr. Rajendar kumar

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