



Students Undertaking Field Projects / Research Projects / Internships

Department : **Chemistry**

Programme Name : **M. Sc.**

Academic Year : **2022-23**

List of students undertaking Field Projects/Projects / Internships

Sr. No.	Name of the Student	Title of the Project / Internship along with the Name of the Organization (where Project / Internship was carried out)	Link of Certificate
1.	Abha Sahu	Fabrication of $Ag_{0.1}Cu_{0.5}Co_2O_4$ hybrid material for photocatalytic degradation of methylene blue	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
2.	Abhisek Dash	SYNTHESIS, CHARACTERIZATION AND APPLICATION OF NAPHTHYLAMINE BASED SCHIFF BASE (A Review Article)	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
3.	Akanksha bhardwaj	Synthesis of iron nanoparticles using Ocimum sanctum	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
4.	Abhishek Kumar Patel	Synthesis and characterization of CMC wrapped ZnO Nano photocatalyst at different calcination used in dye degradation	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf



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5.	Aishwarya Sahu	Synthesis and electrochemical application of PANI/PANI-C/PANI-GO-NiO	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
6.	Ajaya Kumar Behra	Electrocatalytic Oxidation of Dopamine at Graphene Modified Electrodes	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
7.	Akansha Bharadwaj	Synthesis of iron nanoparticles using Tulsi leaves	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
8.	Akash Kumar Patel	Benzil dihydrazone based novel functionalised bis-Schiff base receptor for reversible colorimetric detection of Cr ³⁺	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
9.	Amiya Ranjan Bagh	Synthesis and characterization of biocompatible PVA based nanocomposite films and study of their optical band gap relatively	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
10.	Amrita Abantika Sahu	Arene ruthenium complexes and it's biological activities	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf



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11.	Animesh Kumar Gupta	Adsorptive removal of fuchsine dye using ferrocene impregnated Fe-NH ₂ -BDC metal organic framework.	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
12.	Ashutosh Joshi	Magnetic Metal Organic Framework Nanocomposites	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
13.	Bhumika Gupta	Capping effect on cobalt oxide nanoparticles synthesis and characterization and its band gap energy	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
14.	Chandan Patnaik	Ternary complex based spectrophotometric determination of surfactant mediated extracted iron in soil and water samples	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
15.	D. Khasim Vali	Studies on Chemosensors for the Detection of Explosive Molecules	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf



16.	Devam Sidar	Graphitic Carbon Nitride Based Electrodes and Their Electrochemical Sensing Application	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
17.	Devendra Pratap	Carbene Based Pincer Ligands and Their Iridium Complexes	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
18.	Devid Sahu	Preparation of Electron-rich and Electron-poor Dihydro-pyrimidinone Derivatives	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
19.	Divya Patel	Synthesis of Various Benzothiazole Derivatives using Mixed Metal Catalyst	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
20.	Divya Shukla	Synthesis and Characterization of Heterometallic Complexes	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
21.	Hiteshree Sahu	Adsorptive removal of Malachite green dye using ferrocene impregnated Fe-NH ₂ -BDC metal organic framework	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf



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22.	Ishwar Patel	Fabrication of $\text{Pd}_{0.1}\text{Ni}_{0.9}\text{Co}_2\text{O}_4@\text{C}$ for reduction of nitro aromatic compounds to aromatic amines	https://www.newggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
23.	Janhabi Tand	Synthesis of Copper Nanoparticles and its Applications	https://www.newggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
24.	Jogeswar Sahu	Triazole-based novel bis schiff base reversible fluorescent-colorimetric chemosensor for fast detection of pb ²⁺ ion in aqueous media	https://www.newggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
25.	Jyotimanjaree Dehury	Preparation of Electron Rich Benzothiazole Derivatives	https://www.newggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
26.	D.Khasim vali	Studies on chemosensors for the detection of explosive molecules	https://www.newggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf



27.	Koyel Rana	Imino-quinoline based schiff base receptor for optical sensing of lead ion	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
28.	Kuldeep Verma	Preparation of Electron Rich and Electron Poor Benzopyran Derivatives	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
29.	Kumkum Priyadarshini Sahu	Photocatalytic degradation of organic dyes using rice husk derived chemically activated carbon	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
30.	Madhuri	Adsorbtive removal of crystal violet dye by lowcost adsorbent curcuma caesia rhizomes	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
31.	Likan Kampa	Electrochemical Detection of Nitrite in Water Sample by Using Tris (1,10-Phenanthroline) Iron (II) Immobilized Bentonite Clay Film	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
32.	Madhuri	Adsorptive removal of crystal violet dye by low-cost adsorbent curcuma caesia rhizomes	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf



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33.	Madhusmita Dehury	Analysis of reducing sugars in different food items using modified Munson-Walker method	https://www.newggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
34.	Manoranjan Rout	Synthesis and characterization of Diacetyl dihydrazone based receptor for colorimetric detection of Nickel (II) ion	https://www.newggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
35.	Niranjan meher	Adsorptive removal of EOSIN by low cost adsorbent curcuma caesia	https://www.newggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
36.	Mantu Dishtri	An efficient catalyst for oxygen reaction using polypyrrole based composite	https://www.newggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
37.	Nikhil Prakash Jagat	Removal of Heavy Metal Contamination by Fruit Peels	https://www.newggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf



38.	Om Prakash Patel	Environmental Remediation Using Nanoparticles and Synthesis of Nickel Oxide Nanoparticles	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
39.	Pooja Devi	Synthesis and Characterization of Amino Acid Based Schiff Base and Their Complexes	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
40.	Praveen Kumar Nayak	TOXICITY OF PHOSPHO-INSECTICIDES: UNVEILING THE DANGERS (A Review Work)	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
41.	Prerna Sinha	SYNTHESIS, CHARACTERIZATION AND APPLICATION OF DIHYRAZONE (A Review Article)	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
42.	Purnachandra Banchhor	Review on Chemosensors for Nerve Agent Detection	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
43.	Rahul Dev Suryavansh	Electrochemical Sensors for the Detection of Pyrazinamide	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf



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44.	Rahul Gupta	Review on Chemosensors for Fluoride ion	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
45.	Rajni	Review on the Removal of Toxic Organic Dyes via Physical and Chemical Methods	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
46.	Rashmita Bagh	Synthesis and characterization of Ag/Ag ₂ O@Xanthan gum polymeric nanocomposite used photodegradation of methylene blue dye	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
47.	Sadgi jaiswal	Adsorptive removal of organic dyes by zirconium based MOF	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
48.	Sameer Kumar Behra	Graphitic Carbon Nitride and Metal Nanocomposite for Electrocatalytic Oxygen Reduction Reaction	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf



49.	Samita Bhoi	Synthesis and characterization of Cu ₂ O based polymeric nanocomposite and anti-bacterial activity	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
50.	Sejal sen	Metal chalcogenide synthesis from single source precursor ;Application in photoelectrolysis of water	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
51.	Suhani jena	Adsorbitive removal of methylene blue using the low cost waste of curcuma caesia	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
52.	Soumik Karmakar	Analysis of sodium benzoate in different beverages, ketchups and jams	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
53.	Susmita Padhan	Synthesis of flower like ZnCo ₂ O ₄ material and study of photocatalytic dye degradation of methyl orange	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
54.	Sweta Rani Meher	A Review paper on the formation of TiO ₂ Nanoparticles from orange peels and its applications	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf



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55.	Tuleshwari dansena	Titrimetric analysis of saponification value in different edible oils	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
56.	Umashankar Madhriya	MERCURY: AN ENVIRONMENTAL CONCERN (A Review Work)	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format-1.3.4 PG-2022-23.pdf
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