



Students Undertaking Field Projects / Research Projects / Internships

Department : Chemistry

Programme Name : M. Sc.

Academic Year : 2023-24

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.	Aakanksha Patel	Remediation of dyes using phytoderived biochar from carbo tree seeds	https://www.new.ggu.ac.in/attachments/attachments/department/Project_Format-1.3.4_PG-2023-24.pdf
2.	Aayush	Production of biodiesel from algae	https://www.new.ggu.ac.in/attachments/attachments/department/Project_Format-1.3.4_PG-2023-24.pdf
3.	Abhimanyu Guha	Synthesis and characterization of bimetallic and heterometallic complexes	https://www.new.ggu.ac.in/attachments/attachments/department/Project_Format-1.3.4_PG-2023-24.pdf
4.	Allen Joban	Electrochemical sensors for the detection of arsenic	https://www.new.ggu.ac.in/attachments/attachments/department/Project_Format-1.3.4_PG-2023-24.pdf
5.	Anuradha Barad	Synthesis and characterization of MgO nanoparticales extracted from neem leaves by green method	https://www.new.ggu.ac.in/attachments/attachments/department/Project_Format-1.3.4_PG-2023-24.pdf



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6.	Archana Minj	Photocatalytical degradation of organic compounds	https://www.new.ggu.ac.in/attachments/attachments/departments/department/Project_Format-1.3.4_PG-2023-24.pdf
7.	Ashish Khute	Synthesis and characterization of carboxymethyl cellulose (CMC) wrapped CuO nanoparticles via chemical precipitation method	https://www.new.ggu.ac.in/attachments/attachments/departments/department/Project_Format-1.3.4_PG-2023-24.pdf
8.	Ashish Kumar Prajapati	A comprehensive review of rare earth elements : chemistry, applications and environmental impacts	https://www.new.ggu.ac.in/attachments/attachments/departments/department/Project_Format-1.3.4_PG-2023-24.pdf
9.	Ashutosh Melly	Synthesis and characterization of mono and di- chalcone derivatives from aldol condensation	https://www.new.ggu.ac.in/attachments/attachments/departments/department/Project_Format-1.3.4_PG-2023-24.pdf
10.	Bhamini Uike	Synthesis and characterization of Cd ²⁺ complexes with schiffbases	https://www.new.ggu.ac.in/attachments/attachments/departments/department/Project_Format-1.3.4_PG-2023-24.pdf
11.	Bhanupratap Meher	Bio-based nanocomposites for dye removal	https://www.new.ggu.ac.in/attachments/attachments/departments/department/Project_Format-1.3.4_PG-2023-24.pdf
12.	Dayasagar Sa	Electrochemical detection of glucose by nanizyme modified	https://www.new.ggu.ac.in/attachments/attachments/departments/department/Project_Format-1.3.4_PG-2023-24.pdf



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13.	Dhritisundar Nayak	Synthesis and characterization of zinc oxide/cobalt oxide nanocomposite	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format- 1.3.4 PG-2023-24.pdf
14.	Dipti Dhamde	Synthesis and characterization of various Knoevenagel derivatives from aromatic aldehydes	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format- 1.3.4 PG-2023-24.pdf
15.	Gowtham G	Innovation approaches to heavy metal remediation in water: a review of current methods and future prospects	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format- 1.3.4 PG-2023-24.pdf
16.	Harish	Benzyl dyhydrazone based on fluorescent colorimetric chemosensor for the detection of Ni ²⁺ ions	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format- 1.3.4 PG-2023-24.pdf
17.	Harshit Kumar	Ortho phenylenediamine based di-schiff base chemosensor for selective and sensitive detection of Ag ⁺ ions	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format- 1.3.4 PG-2023-24.pdf
18.	Indra Kumari	A brief overview of microfluides	https://www.new.ggu.ac.in/attachments/attachments/department/Project Format- 1.3.4 PG-2023-24.pdf



19.	Ipsita Sahoo	Synthesis characterization and applications of Mxenes	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format-1.3.4_PG-2023-24.pdf
20.	Jagannath Prasad Sahoo	Evaluation of ZnCl ₂ treated bark ash as an adsorbent for malachite green removal from wastewater	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format-1.3.4_PG-2023-24.pdf
21.	Jagriti Nag	Synthesis and characterization of cyclotrimerized aromatic derivatives from various acetophenones	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format-1.3.4_PG-2023-24.pdf
22.	Jaya Kashyap	Molecular Machine And Application: A Brief Review	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format-1.3.4_PG-2023-24.pdf
23.	Jyotirmayee Pal	Synthesis and characterization of silver nanoparticles using neem extract synthesis rooting interference	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format-1.3.4_PG-2023-24.pdf
24.	Kanchana	Synthesis of 2D material molybdenum phosphide	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format-1.3.4_PG-2023-24.pdf
25.	Kommu Raju	Metal organic framework materials and production of ammonia	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format-1.3.4_PG-2023-24.pdf



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26.	Kundan Pandey	Effective removal of basic fuchsin dye from wastewater using eucalyptus bark ash	https://www.new.ggu.ac.in/attachments/department/Project_Format- 1.3.4 PG-2023-24.pdf
27.	Lipsamayee Bhoi	Doped Molybdenum disulphide nanomaterials and its application	https://www.new.ggu.ac.in/attachments/department/Project_Format- 1.3.4 PG-2023-24.pdf
28.	Muskan Deshmukh	Synthesis of tetrahydrobenzo[b]pyran derivatives using task specific ionic liquid, [AcMim] ₂ CuCl ₄	https://www.new.ggu.ac.in/attachments/department/Project_Format- 1.3.4 PG-2023-24.pdf
29.	Nikhil Bareth	Development of Ni-based task specific room temperature ionic liquids for Suzuki coupling reaction	https://www.new.ggu.ac.in/attachments/department/Project_Format- 1.3.4 PG-2023-24.pdf
30.	Payal Thakur	Synthesis and characterization of various azobenzene derivatives from Nitroarenes	https://www.new.ggu.ac.in/attachments/department/Project_Format- 1.3.4 PG-2023-24.pdf
31.	Poulomi Bhadra	Barbituric acid padlocked Ni(II) macrocycles	https://www.new.ggu.ac.in/attachments/department/Project_Format- 1.3.4 PG-2023-24.pdf
32.	Pragya Sahu	Water remediation using rhizome	https://www.new.ggu.ac.in/attachme



		plant derived activated carbon	nts/attachments/department/Project_Format- 1.3.4 PG-2023-24.pdf
33.	Pratibhan Gabel	Synthesis of novel acidic ionic liquid , [AcMIm] ₂ FeCl ₄ for alkylation of aromatic hydrocarbon	https://www.new.ggu.ac.in/attachments/department/Project_Format- 1.3.4 PG-2023-24.pdf
34.	Preeti	Synthesis of two-D NiS ₂ material	https://www.new.ggu.ac.in/attachments/department/Project_Format- 1.3.4 PG-2023-24.pdf
35.	Priyanshi	Synthesis of Pyrenees based schiff-base for analytical application	https://www.new.ggu.ac.in/attachments/department/Project_Format- 1.3.4 PG-2023-24.pdf
36.	Ravindra Kumar Maravi	Synthesis and characterization of carrageenan wrapped CuO nanoparticles via chemical precipitation method	https://www.new.ggu.ac.in/attachments/department/Project_Format- 1.3.4 PG-2023-24.pdf
37.	Reena Goyal	Imidazole based optical chemosensor for detection of Fe ₃ ⁺ ion	https://www.new.ggu.ac.in/attachments/department/Project_Format- 1.3.4 PG-2023-24.pdf
38.	Ritik Ekka	Pathways to green energy: A review of hydrogen fuel production and its environmental implications	https://www.new.ggu.ac.in/attachments/department/Project_Format- 1.3.4 PG-2023-24.pdf



39.	Samikshya Nanda	Synthesis and characterization of alumina nanoparticles (Al_2O_3) via Solgel method	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format-1.3.4_PG-2023-24.pdf
40.	Satyapriya Gahare	Optimizing cultivation and production techniques for oyster mushroom	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format-1.3.4_PG-2023-24.pdf
41.	Shiba Prasad Barik	Synthesis of perovskite nanocrystal and its application	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format-1.3.4_PG-2023-24.pdf
42.	Shristi Rai	Literature review on synthesis on metal nanoparticles and their applications	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format-1.3.4_PG-2023-24.pdf
43.	Shivangi Mishra	Chemical Profiling and biodiversity assessment of medicinal plants in a GGV campus: A case study	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format-1.3.4_PG-2023-24.pdf
44.	Shravya Kumar Singh	Synthesis and characterization of Zn(II) Complexes with schiff bases	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format-1.3.4_PG-2023-24.pdf
45.	Siddharth Mishra	Electrochemical sensors for the detection of myoglobin	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format-1.3.4_PG-2023-24.pdf



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46.	Sonu kumar	Effective removal of Malachite Green dye from camellia sinensis	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format- 1.3.4 PG-2023-24.pdf
47.	Sumit Ranjan Das	Synthesis of copper oxide nanoparticles capping with polyvinyl alcohol and its application	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format- 1.3.4 PG-2023-24.pdf
48.	Supriya Rai	Synthesis and characterization of Cu(II) complex with schiff-bases	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format- 1.3.4 PG-2023-24.pdf
49.	Suresh Kr Jena	Synthesis and characterization of Fe ₂ O ₃ -Ag composite nanoparticles	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format- 1.3.4 PG-2023-24.pdf
50.	Swaraj Shreechandan Sahu	Separation of water-oil emulsion using nanodemulsifier coupled with thermal treatment	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format- 1.3.4 PG-2023-24.pdf
51.	Swarnika Pandey	Direct friedel craft alkylation of Arene with alcohols using [AcMIm] ₂ ZnCl ₄	https://www.new.ggu.ac.in/attachments/attachments/departement/Project_Format- 1.3.4 PG-2023-24.pdf
52.	Swati Kamde	Electrochemical sensing of serotonin in food product by using modified	https://www.new.ggu.ac.in/attachme



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53.	Takehsvar Sahu	Literature review on grins synthesis of Nanoparticles	https://www.newggu.ac.in/attachments/departments/department/Project-Format-1.3.4-PG-2023-24.pdf

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