



B. L. D. E. ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE
Smt. Bangaramma Sajjan Campus, Shri B. M. Patil Road (Solapur Road), Vijayapur-586103



Accredited with CGPA of 2.99 at 'B⁺⁺' Grade in 4th Cycle by NAAC
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M.Sc. Chemistry – IV Sem.
Project List 2023-24

Program Name	Program code	Name of the course that include experimental learning through project work/field work/internship	Course code	Year of offering	Name of the student studied course on experimental learning through project work/field work/internship	Register No	Guide	Link to the relevant document
M Sc General Chemistry	MSCH5	Fluorescence “ Turn Off” Sensing of Iron (III) Ions Utilising Coumarin Based Schiff base Sensor: Experimental and Computational Study	MSCH5	2024	Rahul Siddappa Havaladar	P15KM22S032011	Dr. S.N. Unki	
		Synthesis and characterisation of some benzofuran derivatives		2024	Akshata A Maranur	P15KM22S032026	Dr. Manjunatha H.M.	
		Uncatalysed oxidation and determination of thermodynamic parameters of amitriptyline by permanganate in acidic medium		2024	Apeksha Shirashyad	P15KM22S032027	Dr. S.D. Lamani	
		Green Synthesis of Silver Nanoparticles by aqueous leaf extract of Spinacin oleracea		2024	Sahebagoud Kumtagi	P15KM22S032003	Dr. AmitTeradale	
		Synthesis and characterisation of some benzofuran derivatives		2024	Danamma Shiragoor	P15KM22S032006	Dr. Manjunatha H.M.	
		Uncatalysed oxidation and determination of thermodynamic parameters of amitriptyline by permanganate in acidic medium		2024	Goudappagouda Basanagouda Angadageri	P15KM22S032008	Dr. S.D. Lamani	
		Uncatalysed oxidation and		2024	Kaveri Ogeppa Utagi	P15KM22S032004	Dr. S.D. Lamani	

	determination of thermodynamic parameters of amitriptyline by permanganate in acidic medium						
	Fluorescence " Turn Off" Sensing of Iron (III) Ions Utilising Coumarin Based Schiff base Sensor; Experimental and Computational Study	2024	Saraswati Mathapati	P15KM22S032012	Dr. S.N. Unki		
	Synthesis and characterisation of Coumarin-4-Carbohydrazide Schiff bases	2024	Rashmi Gurupad Dashyal	P15KM22S032013	Dr. K. Mahesh Kumar		
	Green Synthesis of Silver Nanoparticles using Spinacin oleracea aqueous leaf extract	2024	Mahmad Zuber Teradal	P15KM22S032014	Dr. AmitTeradale		
	Fluorescence " Turn Off" Sensing of Iron (III) Ions Utilising Coumarin Based Schiff base Sensor: Experimental and Computational Study	2024	Ketan Chinchakhandi	P15KM22S032015	Dr. S.N. Unki		
	Synthesis and characterisation of Coumarin-4-Carbohydrazide Schiff bases	2024	Pooja Nikkam	P15KM22S032018	Dr. K. Mahesh Kumar		
	Uncatalysed oxidation and determination of thermodynamic parameters of amitriptyline by permanganate in acidic medium	2024	Aishwarya Asangi	P15KM22S032020	Dr. S.D. Lamani		
	Green Synthesis and Characterisation of Cobalt Oxide Nano particles by aqueous leaf extract of amaranthus cruentus	2024	Pratiksha Managuli	P15KM22S032022	Dr. AmitTeradale		
	Fluorescence " Turn Off" Sensing of Iron (III) Ions Utilising Coumarin Based Schiff base Sensor: Experimental and Computational Study	2024	Somanath Banagar	P15KM22S032028	Dr. S.N. Unki		
	Synthesis and characterisation of some benzofuran derivatives	2024	Keshav Chatter	P15KM22S032005	Dr. Manjunatha H.M.		
	Synthesis and characterisation of Coumarin-4-Carbohydrazide Schiff bases	2024	Shreepadaraj G Kulakarni	P15KM22S032009	Dr. K. Mahesh Kumar		
	Fluorescence " Turn Off" Sensing of Iron (III) Ions Utilising Coumarin Based Schiff base Sensor: Experimental and Computational Study	2024	Vibha V Rao	P15KM22S032025	Dr. S.N. Unki		
	Green Synthesis of Silver Nanoparticles	2024	Shyamaray Valasang	P15KM22S032002	Dr. AmitTeradale		

	by aqueous leaf extract of Spinacin oleracea						
	Synthesis and characterisation of Coumarin-4-Carbohydrazide Schiff bases		2024	Chandrashekhkar N Konnurmath	P15KM22S032016	Dr. K. Mahesh Kumar	
	Synthesis and characterisation of some benzofuran derivatives		2024	Rachappa Siddappa Angadi	P15KM22S032017	Dr. Manjunatha H.M.	
	Fluorescence "Turn Off" Sensing of Iron (III) Ions Utilising Coumarin Based Schiff base Sensor; Experimental and Computational Study		2024	Vaibhav Kaladagi	P15KM22S032021	Dr. S.N. Unki	
	Synthesis and characterisation of some benzofuran derivatives		2024	Mahesh Halabar	P15KM22S032023	Dr. Manjunatha H.M.	
	Uncatalysed oxidation and determination of thermodynamic parameters of amitriptyline by permanganate in acidic medium		2024	Laxmi Kadadevar	P15KM22S032024	Dr. S.D. Lamani	
	Synthesis and characterisation of some benzofuran derivatives		2024	Vidyashri Ramrao Chavan	P15KM22S032001	Dr. Manjunatha H.M.	
	Green Synthesis and Characterisation of Cobalt Oxide Nano particles by aqueous leaf extract of amaranthus cruentus		2024	Shivani R Kokatnur	P15KM22S032010	Dr. AmitTeradale	
	Synthesis and characterisation of Coumarin-4-Carbohydrazide Schiff bases		2024	Swatishree	P15KM22S032030	Dr. K. Mahesh Kumar	
	Green Synthesis and Characterisation of Cobalt Oxide Nano particles by aqueous leaf extract of amaranthus cruentus		2024	Lakshmi Mallikarjun Patil	P15KM22S032031	Dr. AmitTeradale	


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SYNTHESIS AND CHARACTERIZATION OF COUMARIN-4-CARBOHYDRAZIDE SCHIFF BASES

*A DISSERTATION SUBMITTED TO THE
RANI CHANNAMMA UNIVERSITY, BELAGVI IN PARTIAL
FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE
OF*

MASTER OF SCIENCE IN GENERAL CHEMISTRY

By

SWATISHREE
(Reg. No. P15KM22S032030)

Under the Guidance of
Dr. Mahesh Kumar M. Sc., Ph. D.
Assistant Professor
Department of Chemistry

**B. L. D. E. A.'s SB ARTS & KCP SCIENCE COLLEGE,
VIJAYAPUR**

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