



Malnad College of Engineering, Hassan

(An Autonomous Institute, Affiliated to V.T.U, Belagavi)

Faculty Biodata

GENERAL INFORMATION AND ACADEMIC BACKGROUND

PART-A

1.	Name (inBlockLetters)	Dr. PREETHAM R
2.	Qualification	M.Sc., Ph.D., K SET.,
3.	Date of joining the service at MCE	11-08-2022
4.	Department	Chemistry
5.	Current Designation & Experience in MCE	Assistant Professor since one year
6.	Teaching Experience: P.G. (in Years) :	
	U.G. (in Years) :	3.5
Research Experience (in Years)		
7.	a) Total Number of years	5
	b) Years spent in M. Phil. / Ph.D.	3.5 years
	c) Years of Guiding Ph.D. / M. Phil.	-
	d) Total No. of papers Published in	8
	i. International Journals	8
	ii. National Journals	-
	iii. Conference Proceedings	-
	e) Total No. of Conferences/Seminar/Workshop Attended	
	i. International	3
	ii. National	3
	iii. State Level	-
8.	Awards /Prizes/ Honor's / Recognitions	-
9.	Fields of Specialization under the Subject / Discipline	Synthetic Organic Chemistry, Bioorganic Medicinal Chemistry and Heterocyclic Chemistry
10.	Orientation/Refresher Course/Summer School / Winter School/Workshops attended:	-

PART-B

1. List of Publications:

Sl. No.	Title	Name of the Journal, Vol. No., Year	ISSN/ISBN/Number
1.	A convenient way for alkylation of amines using xanthate esters	<i>Synthetic Communications</i> , 51(15), 2021, 2316–2323	0039-7911
2.	Developments in the electrochemical synthesis of thia heterocycles	<i>Phosphorus, Sulfur, and Silicon and the Related Elements</i> , 197(9), 2022, 891–898	1042-6507
3.	An Efficient Route for the Synthesis of 1,5-Disubstituted Tetrazoles and their Anti-Microbial Activity Against <i>Salmonella Paratyphi</i>	<i>ChemistrySelect</i> , 7(45), 2023, e202203079	2365-6549
4.	A novel and effective method for the synthesis of 1,3,4-oxadiazoles from carbimidothioates and benzohydrazides: An unexpected cyclization	<i>Synthetic Communications</i> , 53(7–8), 2023, 568–575	0039-7911
5.	Acid-Catalysed Cyclization of <i>o</i> -Aminobenzamide with α -Oxodithioesters: A Divergent and Regioselective Synthesis of Quinazolinones and 1,3-Benzothiazinones	<i>ChemistrySelect</i> , 8(1), 2023, e202203618	2365-6549
6.	Insights into the structural and interactional aspects of 1-phenyl-5-(thiophen-2-yl)-1H-tetrazole: crystallographic, Hirshfeld surface, computational, and docking analyses	<i>Structural Chemistry</i> , 36(3), 2024, 901–912	1040-0400 (Print); 1572-9001 (Online)
7.	Comprehensive structural, electronic, and <i>in-silico</i> characterization of 1-phenyl-5-(<i>m</i> -tolyl)-1H-tetrazole as a potential steroidogenic factor-1 (SF-1) inhibitor candidate	<i>Journal of Molecular Structure</i> , Article No. 143859	0022-2860 (Print); 1872-8014 (Online)
8.	Influence of glutamic acid on the structural, optical, thermal, mechanical, dielectric, electrical, and NLO properties of potassium hydrogen phthalate crystals	<i>Journal of Materials Science: Materials in Electronics</i> , 36(31), 2024	0022-2461 (Print) and 1573-4803

- 2. Responsibilities in the Department and Institute / University:** (DAC,DPC, BOS, BOE etc., Institutional Governance responsibilities like, Dean, Chief warden, Warden, HOD's, School/Centre Chairperson, IQAC Coordinator etc.)

Sl. No	Responsibilities
1.	Member – BOE Chemistry
2.	Member- BOS Chemistry
3.	Member – DAC Chemistry
4.	Member – Anti-ragging Committee
5.	NBA – Department Coordinator
6.	NAAC – Department Coordinator
7.	First year CIE Coordinator
8.	Scouts and guides Coordinator

3. Details of Teaching Related Activities

Sl. No.	Academic Year	(B. E/M.Tech)	Course Title
01	2022-2023	B.E.	1. Chemistry for computer science and engineering stream (22CHES12) 2. Chemistry for electrical and electronics engineering stream(22CHEE22)
02	2023-2024	B.E.	1. Chemistry for computer science and engineering stream (23CHES12/22) 2. Chemistry for electrical and electronics engineering stream (23CHEE12/22) 3. Chemistry for Mechanical engineering stream (23CHEM12/22)
03	2024-2025	B.E.	1. Chemistry for computer science and engineering stream (CHE4S12/22) 2. Chemistry for electrical and electronics engineering stream (CHE4E12/22)
04	2025-2026	B.E.	1. Chemistry for electrical and electronics engineering stream (CHE5E12/22) 2. Industrial chemistry (Open elective, 22OECH71)

Professional Development Activities		
	Membership in profession related committees at state and national level a) At International b) At national level: c) At state :	-
	Participation in subject associations, conferences, seminars without paper presentation	6
	Participation in short term training courses less than one week duration in educational technology, curriculum development, professional development, Examination reforms, Institutional governance	2

	Membership/participation in State/Central Bodies/Committees on Education, Research and National Development	-
	Publication of articles in newspapers, magazines, or other publications (not covered in category 3); radio talks; television programmes	-
	Invited Expert Talks	-

PART-C

RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS

1. Published Papers in Journals

Sl. No.	Title	Journal with Vol. Year & Page No.	ISSN / ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Co-authors	Whether you are the main author or Guide / mentor
1	A convenient way for alkylation of amines using xanthate esters.	Synthetic Communications, 51(15), 2021, 2316-2323.	0039-7911	peer reviewed Impact factor-2.28	6	Co-author
2	Developments in the electrochemical synthesis of thia-heterocycles.	Phosphorus, Sulfur, and Silicon and the Related Elements, 197(9),2022, 891-898.	1042-6507	peer reviewed Impact factor-1.052	5	Co-author
3	An Efficient Route for the Synthesis of 1, 5-Disubstituted Tetrazoles and their Anti-Microbial Activity Against Salmonella Paratyphi.	ChemistrySelect, 7(45),2023, e202203079	2365-6549	peer reviewed Impact factor-2.307	7	Main author
4	A novel and effective method for the synthesis 1, 3, 4- oxadiazoles from carbimidothioates and benzohydrazides: An unexpected cyclization.	Synthetic Communications, 53(7-8),2023, 568-575.	2365-6549	peer reviewed Impact factor-2.28	6	Main author

5	Acid-Catalysed Cyclization of <i>o</i> -Aminobenzamide with α -Oxodithioesters: A Divergent and Regioselective Synthesis of Quinazolinones and 1, 3-Benzothiazinones.	ChemistrySelect, 8(1), 2023, e202203618	0039-7911	peer reviewed Impact factor-2.307	5	Co-author
6	Insights into the structural and interactional aspects of 1-phenyl-5-(thiophen-2-yl)-1H-tetrazole: crystallographic, Hirshfeld surface, computational, and docking analyses	<i>Structural Chemistry</i> , 36(3), 2024, 901–912	1040-0400 (Print); 1572-9001 (Online)	peer reviewed Impact factor-2.2	4	Co-author
7	Comprehensive structural, electronic, and <i>in-silico</i> characterization of 1-phenyl-5-(<i>m</i> -tolyl)-1H-tetrazole as a potential steroidogenic factor-1 (SF-1) inhibitor candidate	<i>Journal of Molecular Structure</i> , Article No. 143859	0022-2860 (Print); 1872-8014 (Online)	peer reviewed Impact factor-4.7	7	Corresponding author
8	Influence of glutamic acid on the structural, optical, thermal, mechanical, dielectric, electrical, and NLO properties of potassium hydrogen phthalate crystals	<i>Journal of Materials Science: Materials in Electronics</i> , 36(31), 2024	0022-2461 (Print) and 1573-4803	peer reviewed Impact factor-3.9	6	Co-author

2. Training Courses, Teaching-Learning-Evaluation Technology Programs, Faculty development Programmes

Sl. No.	Name of Course/Summer/Winter School	Duration	Organized By
1.	‘Outcome-based education’	19 th September to 23 rd September 2022	MCE
2.	‘Design thinking and prototyping in AICTE idea lab’ on	21 st , 22 nd , 27 th , 28 th , 29 th October 2022	MCE
3.	“Recent advances and emerging technologies in the engineering and applied science”	18 th to 23 rd August	MCE