



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 (in Block Letters)	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-(m-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.	<ol style="list-style-type: none"> 1. Chemistry for computer science and engineering stream (22CHES12) 2. Chemistry for electrical and electronics engineering stream(22CHEE22)
02	2023-2024	B.E.	<ol style="list-style-type: none"> 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.	<ol style="list-style-type: none"> 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.	<ol style="list-style-type: none"> 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 <ol style="list-style-type: none"> 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 <i>Salmonella Paratyphi</i> .	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	Structural Chemistry, 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-(m-tolyl)-1H-tetrazole as a potential steroidogenic factor-1 (SF-1) inhibitor candidate	Journal of Molecular Structure, 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	Journal of Materials Science: Materials in Electronics, 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	21st, 22nd, 27th, 28th, 29th October 2022	MCE
3.	“Recent advances and emerging technologies in the engineering and applied science”	18 th to 23 rd August	MCE