Faculty Profile

Dr Pavithra G
MSc, PhD
ASSISTANT PROFESSOR

Qualification

Programme	Specialization	Institution/University
MSc	Chemistry	Yuvaraja's College, University of Mysore

Articles in journals

Sl.No	Title	Name of Journal	Date of Publication	Volume No/Issue No/Page No
1	An easy procedure for synthesis of 1,3,4-Oxadiazines: A potential antimicrobial agents.	Asian Journal of Chemistry.	2017	29(8), 1687-1689.
2	Bioactive formylpyrazole analogues: Synthesis, antimicrobial, antioxidant and molecular docking studies.	Asian Journal of Chemistry.	2017	29(7), 1549-1554.
3	Synthesis of coumarin appended pyrazolyl-1,3,4oxadiazoles and pyrazolyl-1,3,4-thiadiazoles: Evaluation for their in vitro antimicrobial and antioxidant activities and molecular docking	Russian Journal Bioorganic Chemistry.	2017	43(2), 197-210.

	studies.			
4	Crystal structure and Hirshfeld surface analysis of (E)-2-(1-(2-phenylhydrazono)ethyl)naphtholen-1-ol.	Chemical Data Collections.	2017	7-8, 107-115.
5	(E)-1(Benzo[d][1,3]dioxol-5-yl)-3-(2,3-dichlorophenyl)prop-2-en-1-one.	IUCrData.	2017	2(1), x170103.
6	Crystal structure and Hirshfeld surface analysis of (E)-2-(1-(2-(4-chlorophenyl)hydrozono)ethyl) naphtolen-1-ol.	Der Pharma Chemica.	2016	8(19), 328-333.
7	Synthesis of pyrazole fused pyran analogues: Antimicrobial, antioxidant and molecular docking studies.	Chemical Data Collections.	2016	5-6, 1-11.
8	Synthesis, crystal structure and Hirshfeld surface analysis of 5-(3,4-Dimethoxyphenyl)-3-(thiophen-2-yl)-4,5-dihydro1H-pyrazole-1-carboxamide.	Chemical Data Collections.	2016	3-4, 26-35.
9	Hydrogen bonded supramolecular framework in a monoclinic polymorph of (E)-2-(1-(2phenylhydrazono)ethyl)phenol.	Der Pharma Chemica.	2016	8(12), 286-291.
10	Synthesis of bioactive furan derivatised pyrazole carboxamides and their antimicrobial and antioxidant activities.	Der Pharma Chemica.	2016	8(8), 611.
11	Design, synthesis and biological evaluation of 1,3,4oxadiazoles/thiadiazoles bearing pyrazole scaffold as antimicrobial and antioxidant candidates.	Current Chemistry Letters.	2016	5(3), 109-122.
12	Synthesis of novel bioactive pyrazole carbothioamides and their antifungal activity studies.	Der Pharma Chemica.	2016	8(4), 118-121.
13	Comprehensive review on coumarins:	J. Chem. and	2015	7(9), 67-81.

	Molecules of potential chemical and pharmacological interest.	Pharm. Res.		
14	Crystal structure of 3(thiophene-2-yl)-5-p-tolyl-4,5-dihydro-1H-pyrazole-1-carbothiamide.	Acta Cryst. Sect. E.	2015	E71 Part 7, 763-765.
15	An efficient route to synthesis of pyrazoline carboxamides bearing thiophene moiety as antimicrobial agents.	Der Pharma Chemica.	2015	7(4), 85-89.
16	Synthesis and antimicrobial activity of novel fused pyrazoles.	Int. J. Pharm. Pharm. Sci.	2015	7(2), 379-381.
17	Synthesis and their antioxidant activity studies of 1,4benzothiazepine analogues.	Der Pharma Chemica.	2014	6(1), 482-485.
18	Piperidone analogs: Synthesis and their diverse biological applications.	Int. Res. J. Pharma. and App. Sci.	2012	2(6), 145-154.
19	1,2,4-Oxadiazoles: A potential pharmacological agents-An overview.	Res. J. Pharm. and Tech.	2012	5(12), 1490-1496.
20	In vitro evaluation of antioxidant and antimicrobial activity of series of new pyrazole derivatives; A study on the structure-activity relationship.	Int. J. Pharm. Sci. Res.	2012	3(12), 4801-4806.
21	Evaluation of new tetra substituted pyrazolines for their antimicrobial and antioxidant activity; Structure-activity relationship.	IOSR J. Pharm. and Biolog. Sci.	2012	2(6), 30-34.

Seminars/Conferences/Symposium/Workshops

Sl. No	Name of the Conference / Seminar/ Symposium/ Workshop	Type of Program	Title of the Article	Role	Venue/ place	Date
1	Herbal Medicines in the Era of Globalization.	UGC Sponsored National Conference	Synthesis and biological studies of dipyrazole derivatives.	Poster presentation	Sahyadri Science College, Shivamogga.	September 10-11, 2011
2	Synthetic and Structural Chemistry (ICSSC-2011).	International Conference	Synthesis of substituted pyrazolines via 1,3-dipolar cycloaddition of nitrile imines with alkenes.	Poster presentation	Mangalore University.	December 8-10, 2011
3	Recent Advances in Chemical Biology-An overview (RACB-2013).	UGC Sponsored National Seminar	Synthesis and antifungal activity of new isoxazoles derived from ethyl oleate.	Oral presentation	Govt. Science College, Hassan.	March 15-16, 2013
4	Recent trends in Chemical Biology: An Overview (RTCB-2013).	UGC Sponsored National Conference	Synthesis, antibacterial activity of 1,4-benzothiazepine derivatives.	Poster presentation	Teresian College, Mysore.	October 25-26, 2013
5	Recent trends in Chemical Biology: An Overview (RTCB-2013).	UGC Sponsored National Conference	Synthesis of novel N-Aryl-N'-(1-(thiophen-2-yl)ethylidene) formohydrazide	Poster presentation	Sri Jayachama rajendra College of Engineering,	October 25-26, 2013

			analogues and their antioxidant properties.		Mysore.	
6	Recent trends in Bioorganic chemistry and its application to society	UGC Sponsored National Conference.	Synthesis of novel formyl-pyrazoles bearing coumarin moiety as potent antimicrobial agents.	Poster presentation	Sarada Vilas College, Mysore.	September 26-27, 2014
7	Recent trends in Bioorganic chemistry and its application to society	UGC Sponsored National Conference.	Synthesis of pyranopyrazoles by Vilsmeier-Haack reaction and their antimicrobial activity.	Poster presentation	Sarada Vilas College, Mysore.	September 26-27, 2014
8	Pure and Applied Chemistry (NACOPAC 2014)	University with Potential for Excellence (UPE) sponsored National Conference.	Synthesis of fused pyrans bearing coumarin moiety as antimicrobial agents.	Poster presentation	University of Mysore, Mysuru.	December 29-31, 2014
9	Pure and Applied Chemistry (NACOPAC 2014)	University with Potential for Excellence (UPE) sponsored National Conference .	Synthesis and biological studies of novel oxadiazole and thiadiazole derivatives.	Poster presentation	University of Mysore, Mysuru.	Dec 29-31, 2014
10	Current Trends in Chemical Biology (CTCB 2015)	UGC sponsored National Conference.	Synthesis and antibacterial activity of thiophene based pyrimidine	Poster presentation	JSS College, Ooty Road, Mysuru.	March 2-3, 2015.

			derivatives.			
11	103rd Indian Science Congress Association (ISCA)	103rd Indian Science Congress Association (ISCA)	Design and synthesis of new pyrazole tagged carbazone and thiosemicarbazone scaffolds as antimicrobial leads	Poster presentation	University of Mysore, Mysuru, Karnataka.	January 3-7, 2016

OWN Ph.D. THESIS:

Sl.No.	Title	Guide Name	Institution	Month Year	Status
1	**Synthesis, Characterisation of Pyrazole And Oxadiaziae Derivatives and Their Biological Activity**	**Dr. K. AJAY KUMAR**	**Yuvaraja's College, University of Mysore**	**2018**	Awarded

Ph.D. GUIDED:

Sl.No.	Title	Name of the Student	Institution	Role	Month Year
Not Applicable					