


KODAGU UNIVERSITY
Jnana Kaveri Campus
Faculty CV

Name of the Faculty	NAGMA BANU H A			
Faculty-ID	nagmabanuha7@gmail.com			
Designation	GUEST FACULTY			
Date of Joining	08/08/2018			
Gender	FEMALE			
Permanent Address	D/O ABBAS H A. PEPPER MERCHANT, NEW MUNICIPALITY, SOMAVARPET TALUK, KODAGU DIST			
Department Name	CHEMISTRY			
Academic Profile	UG	PG	PhD	Other
	B. Sc (CHEMISTRY BIOTECHNOLOGY BOTANY)	M. Sc (Organic chemistry)	Chemistry (Thesis submitted)	KSET
Total Experience in Years	Teaching	Industry	Research	
	06	-		
Research Profile				
Research areas	Synthetic and medicinal chemistry, Crystallography, Drug design.			
Papers Published in Journals in numbers	National		International	
	-		08	
Papers Presented in Conferences in numbers	National		International	
	07		02	
Books Published	01(Book chapter)			

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Professional Profile	
Professional Memberships	
Consultancy Projects(If any)	
Awards(If any)	YOUNG WOMEN RESEARCHER AWARD (BY INDIAN COUNCIL OF CHEMIST)
Grants Fetched	
Interaction with Professional Bodies/Others	
Others	

National/International Journal Details:

1. Synthesis of pyrazoline embedded 1,2,3- triazole derivatives via 1,3 dipolar cycloaddition reactions with in vitro and in silico studies" **Nagma Banu H A**, Balakrishna kalluraya, Manju N. Ramith Ramu , Shashank M Patil , Naveen kumar. ,Lokanatha Rai K. M., *ChemistrySelect*, 2023, 8(13), p.e202203578.
2. "Formation of 1-(thiazol-2-yl)-4,5-dihydropyrazoles from simple precursors:synthesis, spectroscopic characterization and the structures of an intermediate and two products". Ninganayaka Mahesha, Hemmige S. Yathirajan, **Holalagudu A. Nagma Banu**, Balakrishna Kalluraya, Ravindranath S. Rathore and Christopher Glidewell, *Acta Crystallographica section E*,2021.
3. "3-Methyl-5-(4-methylphenoxy)-1-phenyl-1H-pyrazole-4-carbaldehyde" Sreeramapura D. Archana, **Holalagudu A. Nagma Banu**, Balakrishna Kalluraya, Hemmige S. Yathirajan, Rishik Balerao and Ray J. Butcher. *IUCrData* (2022).
4. "Synthesis and crystal structure of 3-(3-nitrophenyl)-1-(4-(prop-2-yn-1-yloxy)phenyl)prop-2-en-1-one" Vinaya, Yeriur B. Basavaraju, Hemmige.S. Yathirajan, **Holalagudu A. Nagma Banu**, Balakrishna Kalluraya, Rishik Balerao and Ray J. Butcher. *IUCrData*(2022).
5. 5-(4-Fluorophenyl)-1-[4-(4-methylphenyl)thiazol-2-yl]-3-[4-(prop-2-yn-1-yloxy)phenyl]-4,5-dihydro-1H-pyrazole, Archana, S.D.; **Nagma Banu, H.A.**; Kalluraya, B.; Yathirajan, H.S.; Balerao, R.; Butcher, R.J. *IUCrData*(2022).

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6. 5-(4-Methoxyphenyl)-1-[4-(4-methoxyphenyl)thiazol-2-yl]-3-[4-(prop-2-ynyloxy)phenyl]-4,5-dihydro-1H-pyrazole, Sreeramapura D. Archana, **Holalagudu A. Nagma Banu**, Balakrishna Kalluraya, Hemmige S. Yathirajan, Rishik Balerao and Ray J. Butcher, IUCrData(2022).
7. Different patterns of supramolecular aggregation in three amides containing N-(benzo[d]thiazolyl) substituents, Ninganayaka Mahesha, Hemmige S. Yathirajan, **Holalagudu A. Nagma Banu**, Balakrishna Kalluraya, Sabine Foro and Christopher Glidewell. *Acta Crystallographica section E*,(2021).
8. Potassium Iodate (KIO₃)-A Novel Reagent for the Dehydrogenation of Cyclohexanone”,Lokanatha rai, Nagma, Balakrishna kalluraya, Global journal of science frontier research.volume 20, issue 2, 2020, ISSN:0975-5896.

State/National/International level Conference Details:

1. “Synthesis of phenanthridine derivatives via electrocyclicization of imines under solvothermal Condition”. **Nagma Banu H A** and Balakrishna Kalluraya and K M Lokanath rai, poster presentation, International conference of 39th IABMS,15-17th November 2018, Department of Biochemistry, Jnana kaveri P G centre, Mangalore University.
2. “Synthesis and characterization of newly series of 1,3,4-oxadiazol-2-yl-1,2-oxazine derivatives via hetero Diel alder reaction”. **Nagma Banu H A** , Balakrishna Kalluraya and K M Lokanath rai, Oral Presentation, 38th annual National conference of Indian council of chemists ,26th to 28th December 2019, organized by department of Chemistry, Jaipur National University, Jaipur. **Received young women researcher award.**
3. “Potassium Iodate (KIO₃) - A Novel Reagent for the dehydrogenation of cyclohexanone” **Nagma Banu H A**, Balakrishna kalluraya, andLokanatha Rai, Poster presentation, National conference ,17th to 18th october 2019, organized by Department of Material Science and Technology , Vijnana bhavan, Mysore University, Mysore.
4. “Synthesis and characterization of newly series of oxazine derivatives via hetero Diel alder reaction”. **Nagma Banu H A** , Balakrishna Kalluraya and K M Lokanath rai,National Conference, 12th febraury 2020.department of chemistry, FMKMC madikeri, secured first place in poster presentation.
5. “Synthesis of hybrid molecules containing nitrogen heterocycles and their antimicrobial activity”. **Nagma Banu H A** , Balakrishna Kalluraya and K M Lokanath rai, National conference, NCCCAIAM-2021,26th March 2021, Department of Chemistry, Govindadas college, Surathkal.

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6. "Synthesis and characterization of newly series of N-heterocyclic derivatives via 1,3 dipolar cycloaddition reaction". **Nagma Banu H A** , Balakrishna Kalluraya and K M Lokanath rai, National Conference, 5th febraury 2019.department of chemistry, FMKMC madikeri, secured first place in poster presentation.
7. "Synthesis of hybrid molecules containing nitrogen heterocycles and their antimicrobial activity". **Nagma Banu H A** , Balakrishna Kalluraya and K M Lokanath rai, Virtual conference, poster presentation, JNOST-16, October 31-November 1st 2020. IISC Bangalore,in collaboration with Germany University.
8. "Synthesis of fused pyrazole and thiazole derivatives as antimicrobial candidates with molecular docking studies", **Nagma Banu H A** and Balakrishna Kalluraya Oral presentation. International conference 2022, 3rd and 4th August,2022. Department of Chemistry, Srinivas institute of technology, Mangalore.
9. Synthesis of hybrid molecules containg fused nitrogen heterocycles and their biological studies.Oral presentation. National conference 2022, 20 and 21ST Febrauary,2023. Department of Chemistry, Sahyadri science college, Kuvempu University, Shivamogga.

Book chapter Published Details:

Voltametric devices for disease advanced detection, voltammetry for sensing applications, 2022.

If any Others.

CERTIFICATE COURSES

- Mental health management
- Biochemical lab technology
- Mushroom cultivation
- Writing for media