

CURRICULUM VITAE



Dr. Suresh Kumbar

M.Sc., Ph.D.,

Assistant Professor

Department of Chemistry
KLE's B.K. Arts, Science and
Commerce College,
Chikodi - 591201
Karnataka, India
E-mail: gsureshkumbar88@gmail.com
Ph. No.: +91 8904858871
+91 8904818871

PERSONAL DATA:

Date of Birth : 30th July 1988
Nationality : India
Marital Status: Married
Languages : English, Kannada,
Marathi and Hindi

PERMANENT ADDRESS:

Dr. Suresh Kumbar
S/o: Sadashiv Kumbar
H.No: #135/A, Kumbar Galli
At/P: UGAR BUDRUK - 591316
TQ.: Kagwad, DIST.: BELAGAVI
KARNATAKA, INDIA.

Academic Record:

1. Worked as **Senior Research Associate**, at CNMS, Jain University, Bengaluru. (November-2019- November-2020)
2. Worked as **Research Scientist**, at CRE, PI Industry, Udaipur, Rajasthan. (November-2018 – Oct-2019)
3. Worked as Guest Lecture at KCD, college Dharwad and Karnatak University, Dharwad
4. **Ph. D.**, in Organic Chemistry, Department of Chemistry, Karnatak University, Dharwad. India. (November-2018).
5. **M.Sc.**, in Chemistry - Gulbarga University, Gulbarga, India. Awarded with 2nd rank in 2013.
6. **B.Sc.**, SSMS College, Athani (KUD) 2008-2011.

National Fellowships and Awards Received:

1. Recipient of **Vidyasiri State Government Ph.D., fellowship** (Nov 2015 - May 2018).
2. **UGC-UPE Ph.D. JRF fellowship** 2013-15 from Karnatak University, Dharwad, India.
3. Recipient of Post-graduation fellowship 2011-13, from Karnatak Science and Technology, Bengaluru, India.
4. **KSET Eligible** – December - 2017.
5. Awarded Second Rank in PG-M.Sc. (2013).

Assets:

- Curious and eagerness to learn new things. Good at quick decision and analytical ability.
- Interested in solving research problems with good practical skills.
- Active and goal oriented with a high degree of flexibility, creativity, resourcefulness, commitment and optimistic.
- Outstanding communication and presentation skills with the ability to perform well.

Research Publication:

1. **One Patent** (product) is published: W02020070611 “OXADIAZOLES AS FUNGICIDES”.
2. Efficient Synthesis of 2,4,5-Substituted Thiazoles via Intramolecular Knoevenagel Condensation–Cyclization Reaction using TEA under Microwave Irradiation Conditions **Suresh S. Kumbar** and K. M. Hosamani. *ChemistrySelect*, 2018, **3**, 5678 – 5687.
3. Functionalization of 3-Chloroformylcoumarin to coumarin-Schiff Bases using Reusable Catalyst: an approach to molecular docking and Biological studies. **Suresh S. Kumbar**, K. M. Hosamani G. C. Gouripur and S. D. Joshi, *Royal Society Open Science (RSC)*, 2018, 4, 3, pp. 1-19.
4. Physicochemical properties, Antioxidant and Anti-inflammatory activities of coumarin-carbonodithioate hybrids. **Suresh S. Kumbar** and K. M. Hosamani. *Asian Pacific Journal of Tropical Biomedicine*, 2018, 3. pp. 201-206.
5. Environmentally benign synthesis, computational investigation, and mechanistic studies of novel coumarin-carbonodithioate frameworks as anticancer drugs: An approach to microwave synthesis. **Suresh S. Kumbar**, K. M. Hosamani, A. K. Shettar and S. D. Joshi, *communicated*.

National and International Conferences:

1. Participated as Organizing member for Four Days “*International Conference on Direct Digital Manufacturing and Polymers*” from 28th to 31st October 2015, at Department of Chemistry, Karnatak University, Dharwad, India.
2. Poster Presentation of research work entitled “*Design, Synthesis of novel Schiff's base of 3-chloroformylcoumarin and their anti-TB activity*” in the *International Conference on Science and Technology: Future Challenges and Solutions-2016* held during 8th – 9th August, 2016 at Vijnana Bhavan, University of Mysore, Mysuru, Karnataka, India.
3. Presented research work entitled “*Design and Synthesis of Biomolecule-based O-ethyl S-(6-methyl-2-oxo-2H-chromen-4-yl)methyl Carbonodithioate Hybrids as potent Anti-cancer agents, their Anti-Oxidant and Anti-inflammatory studies: A Microwave Synthetic Approach*” in the *35th Annual National Conference of Indian Council of Chemistry* on 22nd – 24th December, 2016 held at Haribhai V. Desai College, Pune & College of Engineering, Pune, India.
4. Presented research work entitled “*Design and Synthesis of Coumarin-Carbonodithioate Hybrids as potent Anti-cancer agents: A Microwave Synthetic Approach*” in the *Two-Day National Conference of Recent Advance in Chemical Biology and Material Science for Industry and Society (RACBMS-2018)* held on 9th & 10th February, 2017 at Kuvempu University, Shankarghatta, Shivamogga, Karnataka, India.

5. Presented research work entitled “*Design and Synthesis of Coumarin Hybrids and their Anti-cancer activity: A Microwave Synthetic Approach*” in the **Two-Day National Conference of Recent Advances in Chemistry** held on 24th & 25th March, 2017 at Department of Chemistry, Karnatak University, Dharwad, India.

Seminars and Workshops:

1. Participated Two Day National Seminar on “***Applications of Spectroscopy in Structure Determination of Organic & Inorganic Molecules***” sponsored by UGC, New Delhi on 22nd & 23rd August 2014, organized by Department of Chemistry, J.S.S. Degree College, Gokak, Karnataka. India.
2. Presented a Research Paper in UGC sponsored, Two Days National Seminar on “***Building Awareness on Environment Protection***” on 12th & 13th September, 2014 organized by Department of Chemistry, B.L.D.E association’s S.B. Arts and K.C.P. Science College, Vijayapur, Karnataka. India.
3. Attended Ten Days Workshop on “***Molecular Modelling Hardware***” from 25th July to 4th August, 2017 sponsored by DST, New Delhi organized by DST-PURSE-Phase-II Program, Karnatak University, Dharwad. Karnataka. India.
4. Attended Seven Days Workshop on “***Molecular Modelling Software***” from 8th to 14th August, 2017 sponsored by DST, New Delhi organized by DST-PURSE-Phase-II Program, Karnatak University, Dharwad. Karnataka. India.
5. Attended Three Day Workshop on “***Analytical Techniques***” held on 25th to 27th October, 2018 Organized by SAIF & DST (New Delhi), at SAIF Centre, Karnatak University, Dharwad. Karnataka. India.

Online Certification Course:

1. Successfully completed the NPTEL Online Certification course on ***PRINCIPLES AND APPLICATIONS OF NMR SPECTROSCOPY*** conducted by Indian Institute of Science Bangalore, Jul to Sep 2016. (Roll No: NPTEL16CY0525590009, <http://nptel.ac.in/noc>).
2. Successfully completed the NPTEL Online Certification course on ***STEREOCHEMISTRY*** conducted by Indian Institute of Technology Kharagpur, July-Sep 2017. (Roll No: NPTEL17CY11S2550034, <http://nptel.ac.in/noc>).

Research experience & Highlights of the thesis:

- Research experience: 06 year 02 months
- The doctoral work emphasizes on the synthesis and biological studies of novel heterocyclic compounds derived from coumarin core; such as Coumarin-Schiffs bases using reusable catalysts, Cabonodithioates, Thiazoles, & dithiocarbamates of Phenyl acetamide- and Benzamide.

- Synthetic methodology including both conventional and microwave irradiation techniques. The yields were improved drastically through MW irradiation with very short reaction time. The versatility of methodology can be extended to develop a stream-lined approach to other drugs like heterocycles in a combinatorial fashion.
- We carried out *in-vitro* screening of anti-cancer activity, at USA, anti-bacterial, anti-fungal, anti-oxidant, anti-inflammatory and some compounds for their anti-tubercular, cytotoxicity activities. From results, some derivatives exhibited promising anti-tubercular and anticancer results. The results suggest that the potent compounds may serve as lead chemical entities for further modification in the search of new classes of potential anti-tubercular and anticancer drugs.

Teaching Experience: 03 years

Declaration

I hereby declare that all the statements made in the resume are true and correct to the best of my knowledge.



Place: Dharwad, INDIA

(Dr. SURESH KUMBAR)

Date: 29-10-2021