

Bio-Data

Dr. Atulkumar A. Kamble M.Sc. Ph.D.

AP- Jugul

Tal- Kagwad

Dist- Belagavi

Pin Code- 591242

Email: atulchem7@gmail.com

Mob No.: **9964471022**



Objective

Aspiring to work in the field of Chemistry and contribute constructively to the society through Educational Institutes

Education Qualification

Sl. No.	Degree	Year	Subject	University/Institution	% of marks
1.	B.Sc.	2009	Physics, Chemistry and Mathematics	Karnatak University, Dharwad	73.44
2.	M.Sc.	2011	Chemistry (Specialization: Organic Chemistry)	Karnatak University, Dharwad	66.66
3.	Ph.D.	2018	Organic Chemistry	Karnatak University, Dharwad	Awarded

Experience

- 5 years of Research experience during **Ph.D.** in the Department of Chemistry, Karnatak University, Dharwad.
- Worked as a **Chemist in Quality Control** Unit at Wallace Pharmaceuticals, Belur Industrial area, Dharwad, from 20th July 2012 to 6th February 2013.
- Worked as a **Chemistry Lecturer** at AIMS PU College, Belagavi, from 20th Aug. 2012 to 6th Feb. 2013.
- Worked as **Nokia Permanent Flexi Promoter** from 1st March 2008 to 31th July 2012.
- Currently working as an **Assistant Professor** in J.S.S. College Gokak (P.G. Department of Studies in Chemistry) from 11th September 2017 to till date.

Ph. D.

Research Area: Synthetic Organic Chemistry

Thesis Title : “Design and Synthetic Studies on Nitrogen, Oxygen Heterocycles of Pharmacological Interest”

Research Supervisor

Prof. Ravindra R. Kamble

Department of Chemistry, Karnatak University, Dharwad-580003

Instruments Handled in Research Work

- Nicolet Impact 410 FT-IR spectrometer.
- A QP-2010S Shimadzu gas chromatograph mass spectrometer (Japan).
- A Peltier Accessory (temperature control) attached Varian CARY 50 Bio UV–VIS spectrophotometer (Varian, Victoria-3170, Australia).
- A RF-5301 PC Hitachi Spectrofluorometer Model F-2000 (Tokyo, Japan).
- Molecular Modelling hardware and software (Schrodinger).

Conference and Seminars Attended

- ❖ “CNC Awareness & Operation training programme” at Polyhydron Pvt. Ltd., Belgaum from 20th Oct. 2008 to 25th Oct. 2008.
- ❖ Attended NSS Camp at Mandoli from 2007-2008 to 2008-2009. Under the scheme “Healthy Youth for Healthy India”.
- ❖ Attended workshop on “Using Library Resources Effectively” from 21th Jan. 2009 to 29th Jan. 2009 at GSSc. College Belgaum.
- ❖ UGC Sponsored National Seminar on “Recent Trends in Chemistry” (M.Sc. level) attended in the year 2010.
- ❖ KSTA DST and Govt. of Karnataka organized 3 days "P. G. Science Special Lecture Series" held at Department of Chemistry, Karnatak University, Dharwad in the year 2013.
- ❖ Department of Chemistry Karnatak University Dharwad and KSTA Sponsored “PG Science Special Lecture” in September 2013.
- ❖ Presented work in “32nd Annual National Conference by Indian Council of Chemists” held at Department of Chemistry Karnatak University Dharwad in November 2013.
- ❖ Attended “One Day Training Programme on SPSS” Organised by South Asia Pvt. Ltd. And Karnatak university Dharwad on 8th Oct. 2013
- ❖ Presented work in UGC-SAP Sponsored Nation Conference on “Advances in Synthetic and Material Chemistry” at Mumbai University during March 10-11, 2014.

- ❖ “**ICDDMAP-2015** International Conference on Direct Digital Manufacturing and Polymers” held at Department of Studies in chemistry Karnatak University Dharwad.
- ❖ National Level Seminar on “**Recent Advances in Spectroscopic Methods of Structure Determination**” Shri Chhatrapati Shivaji Mahavidyalaya, Shrigonda, Ahmednagar in 24 and 25th December 2016.
- ❖ Attended workshop on **Molecular Modelling hardware and software** training program during July-August-2017.
- ❖ Participated in the Three day workshop for under graduate college science faculties on “Creative Science Pedagogy” from 1st March 2018 to 3rd March 2018 at Kuppam, Andhra Pradesh.
- ❖ Attended Two days National Seminar on “Spectroscopic Techniques and its Application in Chemical Science” at Rani Channamma University, Belagavi.

Publications:

1. Ceric Ammonium Nitrate Catalysed Stereoselective Synthesis of β -Aminoketones Using 3-Aryl-4-Formylsydnones.
Atukuri Dorababu, Ravindra R. Kamble, Pramod P. Kattimani, Mahadevappa Y. Kariduraganavar and **Atulkumar A. Kamble**.
Letters in Organic Chemistry, 2014, Vol. 11, No. 2
2. Pyridine-catalyzed synthesis of quinoxalines as anticancer and anti-tubercular agents.
Atulkumar A. Kamble, Ravindra R. Kamble, Mahadev N. Kumbar and Gireesh Teggimath.
Medicinal Chemistry Research 2016 vol. 25, 1163–1174.
3. Design, synthesis and pharmacological analysis of 5-[4'-(substituted-methyl)[1,1'-biphenyl]-2-yl]-1H-tetrazoles.
Atulkumar Kamble, Ravindra Kamble, Suneel Dodamani, Sunil Jalalpure, Vijaykumar Rasal, Mahadev Kumble, Shrinivas Joshi and Sheshagiri Dixit.
Archives of Pharmacal Research. 2017 vol. 40, 444–457
4. Design and Microwave Assisted Synthesis of Coumarin Derivatives as PDE Inhibitors.
Mahadev N. Kumbar, Ravindra R. Kamble, **Atulkumar A. Kamble**, Sujith Raj Salian, Sandhya Kumari, Ramya Nair, Guruprasad Kalthur, Satish Kumar Adiga and D. Jagadeesh Prasad.

International Journal of Medicinal Chemistry Volume 2016, Article ID 9890630, 16 pages

5. Design, docking studies and molecular iodine catalyzed synthesis of benzo [a]xanthene derivatives as hyaluronidase inhibitors.

Mahadev N. Kumbar, Ravindra R. Kamble, **Atulkumar A. Kamble**, Shrinivas D. Joshi, Sheshagiri R. Dixit and Joy Hoskeri.

Medicinal Chemistry Research 2016 vol. 25, 2451–2460.

6. Synthesis and Anti-Proliferative Activity of Biphenyl Derived 5-Substituted-Indolin 2-Ones.

Gangadhar Y Meti, Ravindra R Kamble, **Atulkumar A Kamble**, Mahadev N Kumbar, Shrinivas D Joshi and Sheshagiri R Dixit.

Archives in Chemical Research 2016 vol. 1, 1:4.

7. Synthesis, anti-proliferative and genotoxicity studies of 6-chloro-5-(2-substituted-ethyl)-1,3-dihydro-2H-indol-2-ones and 6-chloro-5-(2-chloroethyl)-3-(alkyl/ary-2-ylidene)indolin-2-ones.

Gangadhar Y. Meti, **Atulkumar A. Kamble**, Ravindra R. Kamble, Shilpa M. Somagond, H.C. Devarajegowda, Sandhya Kumari, Guruprasad Kalthur and Satish K. Adiga.

European Journal of Medicinal Chemistry, 2016 vol. 121, 221-231.

8. C5-Alkyl-1,3,4-Oxadiazol-2-ones Undergo Dealkylation upon Nitrogen Insertion to Form 2H-1,2,4-Triazol-3-ones: Synthesis of 1,2,4-Triazol-3-one Hybrids with Triazolothiadiazoles and Triazolothiadiazines.

Pramod P. Kattimani, Ravindra R. Kamble, Atukuri Dorababu, Raveendra K. Hunnur, Atulkumar A. Kamble and H.C. Devarajegowda.

Journal of Heterocyclic Chemistry, DOI 10.1002/jhet.

9. Synthesis of Tetrazole Regioisomers of Biphenyl as ACE Inhibitors.

Gangadhar Y Meti, Ravindra R Kamble, Mahadev N Kumbar, Sabakauser J. Shaikh, **Atulkumar A Kamble**, Praveen K. Bayannavar.

Modern Organic Chemistry Research, 2017, Vol. 2, No. 2.

10. Photophysical, Electrochemical Studies of Novel Pyrazol-4-yl-2,3-dihydroquinazolin-4(1H)-ones and Their Anticancer Activity, **Atulkumar A. Kamble**, Ravindra R. Kamble, Lakkanna S. Chougala, Jagadish S. Kadadevarmath, Shivaraj R. Maidur,

Parutagouda S. Patil, Mahadev N. Kumbar and Sheetal B. Marganakop, **ChemistrySelect**, 2017, 1, 1-10.

11. Effect of TiO₂ nanoparticles on newly synthesized phenothiazine derivative-CPTA dye and its applications as Dye sensitized solar cell. Lakkanna Chougala, Jagadish Kadadevarmath, **Atulkumar Kamble**, Praveen Bayannavar, Mahantesh Yatnatti, Ravi Linganagoudar, Nirupama M, Ravindra Kamble and Qiquan Qiao, **Journal of Molecular Liquids** 244 (2017) 97–102.
12. Spectroscopic investigations of interaction between TiO₂ and newly synthesized phenothiazine derivative-PTA dye and its role as photo-sensitizer. Lakkanna S. Chougala, Jagadish S. Kadadevarmath, **Atulkumar A. Kamble**, Anand I. Torvi, Mahantesh S. Yatnatti, J.M. Nirupama, Ravindra R. Kamble, **Journal of Luminescence** DOI: <https://doi.org/10.1016/j.jlumin.2018.02.025>
13. Synthesis, Photophysical and Computational Study of Novel Coumarin-based Organic Dyes. Mahadev N. Kumbar, Madivalagouda S. Sannaikar, Saba Kauser J. Shaikh, Atulkumar A. Kamble, Manjunath N. Wari, Sanjeev R. Inamdar, Qiquan Qiao, Bhavya N. Revanna, Mahendra Madegowda, Jagadeesh P. Dasappa and Ravindra R. Kamble. **Photochemistry and Photobiology** DOI: 10.1111/php.12852.

Self Evaluation :

- Quick learner and ability to grasp new things
- Punctual, hard working and self disciplined
- Ability to be flexible in all circumstances

Computer Skills : Basic Windows, MS-Office, DTP & Internet, C- Programming