Faculty Name	Dr. JAGADEESH N M
Academic Designation	Assistant Professor
Educational Qualification	M.Sc, Ph.D, PDF(NCBS-TIFR, SOUTH KOREA)
Experience in Years	8.9 (Research) + 6 (Teaching)
Area of Interest	Synthetic Organic Chemistry, Medicinal Chemistry, Natural Product Chemistry
Date of Birth	05/08/1985
Email ID	mnjagadeesh123@gmail.com

Educational Details

- Ph.D in Chemistry, Kuvempu University
- M.Sc. in Chemistry, Kuvempu University
- B.Sc. ImBC, Kuvempu University

Personal Details

- Date of Birth: 05/08/1985
- Hobbies: Listening to music, Playing table tennis, CHESS
- Kannada, English, Hindi and Telugu

Professional Experience

- Post-Doctoral Fellow at Prof. Won Jun Choi, Integrated Research Institute for Drug Development, Dongguk University, Seoul, Republic of Korea (2016-01 – 2024-03)
- Engaged in the project with LG Chem, Korea (2019-01 – 2024-03)
- Post-Doctoral Fellow at National Centre for Biological Sciences (NCBS), Tata Institute of Fundamental Research (TIFR), GKVK Campus, Bengaluru (2015-07 - 2015-12)
- Lecturer at department of P.G studies in Chemistry, P.G. Centre, Kadur, Kuvempu University (2012-08 to 2013-07, 2014-08 to 2015-07)
- Lecturer at department of P.G studies in Pharmaceutical Chemistry, P.G. Centre, Kadur, Kuvempu University (2010-08 to 2012-07)
- Lecturer at department of P.G studies in Chemistry Kuvempu University, shankarghatta 2009-09 to 05-2010
- Lecturer at department of P.G studies in Chemistry, Sahyadri Science college Shivamogga 2008-07 to 08-2009
- Working as Assistant Professor in Chemistry at DSATM from 2024

Publications

- Synthesis of Moracin C and its derivatives with 2-arylbenzofuran motif and Evaluation of their PCSK9 inhibitory effects in HepG2 cells. **Jagadeesh N M**, Basavana Gowda M K, Hee-Sung C, Won Jun C. *Molecules*, 2021, 26(5), 1327(1-11).
- Novel Linked Butanolide Dimer Compounds Increase Adiponectin Production during Adipogenesis in Human Mesenchymal Stem Cells through Peroxisome Proliferator-Activated Receptor γ Modulation. Sungjin A, Basavana Gowda M K, Moonyoung L, **Jagadeesh N M**, Karabasappa M, Won Jun C, Minsoo N. *Eur. J. Med*. 2020, 187, 111969.

- Ruthenium chloride induced oxidative-cyclization of trans-resveratrol to (±)-ε-viniferin and antimicrobial and anti-biofilm activity against Streptococcus pneumoniae. Mukesh Kumar Y, Karabasappa M, **Jagadeesh N M**, Sung Won C, Jae-Jun S, Won Jun C. *Front. Pharmacol*. 2019, 10. DOI: 10.3389/fphar.2019.00890.
- Discovery of Flavonoids from Scutellaria baicalensis with inhibitory activity against PCSK 9 expression: isolation, synthesis and their biological evaluation. Piseth N, Hee-Sung C, **Jagadeesh N M**, Karabasappa M, Pisey P, Young-Mi K, Won Jun C and Young-Won C. *Molecules*, 2018, 23(2), 504, 1-11.
- Female chemical warfare drives fitness effects of group sex ratio. Khan I, Prakash A, Issar S, Umarani M, Sasidharan R, **Jagadeesh N M**, Lama P, Venkatesan R and Agashe D. *Am. Nat*,2018, 191(3), 306-317.
- Synthesis and in vitro cytotoxicity study of 3-(1*H*-indol-3-yl)-1,3-diphenylpropan-1-ones. **Jagadeesh N. M**, Mahadevan K. M, Jayadevappa H, Harishkumar H. N, Rajesha G, Prashantha N. *Med. Chem. Res*, 2014, 23, 2880-2889.
- Mild, efficient Fischer indole synthesis using 2,4,6-trichloro-1,3,5-triazine (TCT). Siddalingmurthy E, Mahadevan K. M, **Jagadeesh N. M**, Harishkumar H. N. *Tetrahedron Lett*, 2013, 54, 5591-5596.
- Synthesis and liquid crystal property of new fluoro coumarin carboxylates. Mahadevan K.M, Harishkumar H. N, **Jagadeesh N. M**, Srinivasa H. T. *Mol. Cryst. Liq. Cryst*, 2013, 570(1), 20-35.
- Facile synthesis of 2-(1,3-benzoxazol/benzothiazol/benzoimidazole-2-yl)-3*H*-benzo[*f*]chromen-3-one as blue, fluorescent brighteners. Harishkumar H. N, Mahadevan K. M, **Jagadeesh N. M**. *S. Afr. J. Chem*, 2012, 65, 5-9.
- Synthesis and fluorescence study of some new blue light emitting 3-(1,3-benzothiazol/benzoxazol-2-yl)-2*H*-chromen-2-ones. Mahadevan K. M, Harishkumar H. N, **Jagadeesh N. M**, Kumara M. N. *SOP Transactions on Organic Chemistry*, 2014, 1(1), 20-30.
- Synthesis and fluorescence study of phenylcoumarin/cyanophenylbenzocoumarin-3-carboxylates. Harishkumar H. N, Mahadevan K. M, **Jagadeesh N. M**, Kiran Kumar H. C. *Org. Commun.* 2012, 5:4, 196-208.
- Antimony (III) sulphate catalysed one pot synthesis of 1, 8-dioxo-octahydroxanthenes. Kiran Kumar H. C, **Jagadeeshwara**, Prabhakara Varma P, Mahadevan K. M. *Org. Chem.: Indian J*, 2011, 7(3), 210-214.
- Synthesis and pharmacological studies on some new 2-substituted 3-chloro-1-benzothiophenes. Naganagowda G, **Jagadeeshwara**. *Indian J Heterocy Ch*, 2009, 19, 125-128.

Conference Attended

International Conferences:

Attended three-day international conference on synthetic and structural chemistry (ICSSE-2011) 8-10 December 2011 held at department of Chemistry, Mangalore University.

Attended the three-day international conference on open source for computer aided translational medicine Feb 22-25,2012 organized by open-source Drug discovery (OSDD) at CSIR institute of Microbial Technology, Chandigarh

National Conferences:

Presented a poster in UGC sponsored national seminar on Recent advances in chemical biology -An Overview- 15-16 March 2013 held by the Department of Chemistry, Kuvempu University, Shankarghatta

Attended two days national conference on impact of chemical biology on society April 26&27 2012 organized by Department of chemistry Govt Science college Hassan.

Attended one day national seminar on pharmaceutical chemistry and technology organized by department of pharmaceutical chemistry, Kuvempu University, Kadur P.G Centre, Kadur-02-05-2012.

Participated in 29th annual conference of Indian council of Chemists held at department of chemistry, Panjab University, Chandigarh on 19-21 December 2010.

Attended UGC sponsored national conference on Nanochemistry – A science of diminished dimensions 11th March 2009 held at Sahyadri Science college Shivamogga.

Participated one day national seminar on Nanotechnology -Past, Present & Future on 04-04-2008 held at Department of Chemistry, Kuvempu University, Shankarghatta.

Academic Activity

- Book Chapter Published (author): **"**Control of microbial biofilms: Application of Natural and Synthetic Compounds". ISBN:9780444642790. Published 9th October 2019**.** © Elsevier, the Netherland, 2019. New and Future Developments in Microbial Biotechnology and Bioengineering: Microbial Biofilms: Current Research and Future Trends.
- Scopus Score: H-Index - 10, Citations – 170
- I am actively engaged in academic activities, including course design, practical examination, and guiding students to successfully complete their project work.

Faculty Development Activity/Workshops

Participated in the one-day seminar on Faculty development program at Sahyadri Science College (Autonomous) 15-03-2009.

Contact Details

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