Personal Profile

[1] Name : Dr. MAHANTHESH M
S/O. BASANAGOUDA

[2] Address : Assistant Professor in Chemistry
Department of Chemistry
K.L.E Society's P.C. Jabin Science College (Autonomous)
Hubballi-580 031.Karnataka, INDIA.

[3] PAN : --

[4] AADHAR : --

[5] Department : Chemistry

[6] Email : mahanteshachem@gmail.com ;
mahantesha_chem@yahoo.co.in

[7] Education :

Degree	University	Month & Year of passing	Subject	Class
Ph.D.	P.G. Department of Studies in Chemistry, Karnatak University, Dharwad	(November 2010)	Organic Chemistry	--
M.Sc.	P.G. Department of Studies in Chemistry, Karnatak University Dharwad	June 2005	Organic Chemistry	First Class with Distinction
B.Sc.	Nehru College Hubli, Karnatak University Dharwad	June 2002	Chemistry, Industrial Chemistry, Computer Science	First Class with Distinction

Ph.D. Title of Thesis: "Synthetic and Biological Studies on Heterocycles"
Research Supervisor
Dr. Manohar V. Kulkarni, Professor of Organic Chemistry, Karnatak University, Dharwad.

[8] Awards and Prizes:

Academic

[1] First to B.Sc in the Nehru College Hubli (1999-2002)
[2] S. J. Jindal Scholarship for Higher Education during M. Sc (2003-2005)

Research

[1] University Research Studentship during Ph.D (2005-2009)

[9] Qualifying examination : --

(Applicable only for NET/SLET)

[10] Teaching experience :

- Teaching Assistant in Chemistry, P.G. Department of Chemistry, Karnatak University's Karnatak Science College Dharwad.
  From 13th August 2010 to 20th May 2011.

- Assistant Professor in Chemistry, P.G. Department of Studies in Chemistry, K.L.E. Society's P. C. Jabin Science College (Autonomous) Hubballi-580 031.
  From 12th July 2011 to 19th March 2020.

- Assistant Professor in Chemistry, Department of Chemistry, K.L.E. Society's P. C. Jabin Science College (Autonomous) Hubballi-580 031.
  From 07th June 2019 to 19th March 2020.

- Assistant Professor in Chemistry, Department of Chemistry, K.L.E. Society's P. C. Jabin Science College (Autonomous) Hubballi-580 031.
  From 20th March 2020 till date.

[11] Administrative experience, if any : --

[12] Academic Placements : Assistant Professor

[13] Specialisation :

1) Organic Chemistry
2) Heterocyclic Chemistry
3) Spectroscopic Applications

[14] Membership of professional bodies: --

[15] Upgradation courses:

[i] Four-week Induction/Orientation Programme for "Faculties in Universities/Colleges/Institutes of Higher Education" from June 26-July 24, 2020 and obtained A^+ Grade, organized by Teaching Learning Centre, Ramanujan College, University of Delhi (Ministry of Human Resource Development, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching)

[16] Soft skill/Life skill development Programs : --

[17] Technical training : --

[18] Paper publication : 63

List of Publications:		
S.No.	**Details**	**Impact Factor 2019**
	2008	
[1]	New efficient, selective, and one pot method for acylation of amines. **Mahantesha Basanagouda**, Manohar V. Kulkarni, Raj G. Kalkhambkar, Geeta M. Kulkarni. *Synthetic Communications,* **2008,** *38*, 2929-2940. doi:10.1080/00397910801997538.	1.796
	2009	
[2]	Synthesis of some new 4-aryloxymethylcoumarins and examination of their antibacterial and antifungal activities. **Mahantesha Basanagouda**, Manohar V. Kulkarni, Deepak Sharma, Vivek K. Gupta, Pranesha, P. Sandhyarani, Vijaykumar P. Rasal. *Journal of Chemical Sciences,* **2009**, *121,* 485-495. doi: 10.1007/s12039-009-0058-z.	1.406
[3]	Crystal Structure of 5,6-benzo-4-[(4-methyl)phenoxymethyl]coumarin. **Mahantesha Basanagouda**, Manohar V. Kulkarni, Susanta K. Nayak, Tayur N. Guru Row. *X-ray Structure Analysis Online,***2009**, *25*, 53-54. doi: 10.2116/xraystruct.25.53.	-
	2010	
[4]	Synthesis and antimicrobial studies on novel sulfonamides containing 4-azidomethylcoumarin. **Mahantesha Basanagouda**, K. Shivashankar, Manohar V. Kulkarni, Vijaykumar P. Rasal, Harishchandra Patel, Sumit S. Mutha, Ashwini A. Mohite. *European Journal of Medicinal Chemistry* **2010**, *45*, 1151-1157. doi: 10.1016/j.ejmech.2009.12.022.	5.572
[5]	Crystal structure of 4-azidomethyl-7-methyl-2-oxo-*2H*-chromene-6-sulfonyl azide. **Mahantesha Basanagouda**, Susanta K. Nayak, Tayur N. Guru Row, Manohar V. Kulkarni. *Acta Cryst* **2010**, *E66,* o2780. doi:10.1107/S1600536810039693.	-
[6]	Crystal structure of 4-bromomethyl-6-methoxy-*2H*-chromen-2-one. Ramakrishna Gowda, **Mahantesha Basanagouda**, Manohar V. Kulkarni, K.V. Arjuna Gowda. *Acta Cryst* **2010**, *E66,* o2906. doi:10.1107/S1600536810042005.	-

[7]	Crystal structure of 4-bromomethyl-7,8-dimethylcoumarin. Ramakrishna Gowda, K.V. Arjuna Gowda, **Mahantesha Basanagouda**, Manohar V. Kulkarni. *Acta Cryst* **2010***, E66,* o3352*.* doi:10.1107/S1600536810049135.	-
2011		
[8]	Mild, simple, and efficient method for *N*-formylation of secondary amines via Riemer-Tiemann reaction. Lokesh A. Shastri, Samundeeswari, Chinna D. Bathula, **Mahantesha Basanagouda**, Manohar V. Kulkarni. *Synthetic Communications,* **2011,** *41***,** 476-484. doi:10.1080/00397910903576644.	1.796
[9]	Crystal structure studies of two regioisomers of bromo-4-aryloxymethylcoumarins. **Mahantesha Basanagouda**, Manohar V. Kulkarni, Deepak Sharma, Vivek K. Gupta. *Journal of Chemical Crystallography* **2011,** *41***,** 541-544. doi: 10.1007/s10870-010-9917-1.	0.589
[10]	Novel one-pot method for 2,5-diaryl and 5-aryl-pyridazin-3(*2H*)-ones. **Mahantesha Basanagouda**, Manohar V. Kulkarni. *Synthetic Communications,* **2011,** *41***,** 2569-2582. doi: 10.1080/00397911.2010.515330.	1.796
[11]	Crystal Structure of 6-chloro-4-(4-methylphenoxymethyl)-*2H*-chromen-2-one. Ramakrishna Gowda, K.V. Arjuna Gowda, **Mahantesha Basanagouda**, Manohar V. Kulkarni. *Acta Cryst* **2011***, E67,* o1650*.* doi: 10.1107/S1600536811019258.	-
[12]	Computer aided prediction of biological activity spectra: Study of correlation between predicted and observed activities for coumarin-4-acetic acids. **Mahantesha Basanagouda**, Vithal B. Jadhav, Manohar V. Kulkarni, R. Nagendra Rao. *Indian Journal of Pharmaceutical Sciences,* **2011**, *73, 88-92.* doi: 10.4103/0250-474X.89764.	0.634
2012		
[13]	Synthesis, anti-microbial and DNA cleavage studies of some 4-aryloxymethylcoumamrins obtained by reaction of 4-bromomethylcoumarins with bidentate nucleophiles. ShabanaBanu N. Makandar, **Mahantesha Basanagouda**, Manohar V. Kulkarni, Pranesha, Vijaykumar P. Rasal. *Medicinal Chemistry Research,* **2012,** *21*, 2603-2614. doi: 10.1007/s00044-011-9785-z.	1.783
2014		
[14]	Influence of silver nanoparticles on absorption and fluorescence properties of laser dyes. H.R. Deepa, H.M. Suresh Kumar, **Mahantesha Basanagouda**, J. Thipperudrappa. *Canadian Journal of Physics,* **2014,** *92, 163-167.*	1.032

	doi: 10.1139/cjp-2013-0133.	
[15]	Synthesis, structure-activity relationship of iodinated-4-aryloxymethyl-coumarins as potential anti-cancer and antimycobacterial agents. **Mahantesha Basanagouda**, Vishwanath B. Jambagi, Nivedita N. Barigidad, Sandeep S. Laxmeshwar, Venkatesh Devaru, Narayanachar. *European Journal of Medicinal Chemistry* **2014**, *74,* 225-233. doi: 10.1016/j.ejmech.2013.12.061.	5.572
2015		
[16]	Photophysical characteristics of biologically active 4-aryloxymethyl coumarins 4PTMBC and 1IPMBC. J. Thipperudrappa, U.P. Raghavendra, **Mahantesha Basanagouda**. SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy, **2015**, *136,* 1475-1483. doi: 10.1016/j.saa.2014.10.039.	3.232
[17]	Investigation of role of silver nanoparticles on spectroscopic properties of biologically active coumarin dyes 4PTMBC and 1IPMBC. U.P. Raghavendra, **Mahantesha Basanagouda,** J. Thipperudrappa. *SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy,* **2015**, *150,* 350-359. doi: 10.1016/j.saa.2015.05.094.	3.232
[18]	Solvatochromic studies of biologically active iodinated 4-aryloxymethyl coumarins and estimation of dipole moments. U.P. Raghavendra, **Mahantesha Basanagouda**, R.M. Melavanki, R.H. Fattepur, J. Thipperudrappa. *Journal of Molecular Liquids,* **2015**, *202*, 9-16. doi: 10.1016/j.molliq.2014.12.003.	5.065
[19]	Synthetic and structural studies on novel 4,3'-bicoumarins Kiran K. Pujar, Manohar V. Kulkarni, Ganesh N. Alawandi, G.N. Anilkumar, **Mahantesha Basanagouda**. *Synthetic Communications,* **2015,** *45***,** 2043-2052. doi: 10.1080/00397911.2015.1063656.	1.796
[20]	Efficient and convenient method for synthesis of benzofuran-3-acetic acids and naphthafuran-acetic acids. **Mahantesha Basanagouda**, Narayanachar, Iranna B. Majati, Shiddappa S. Mulimani, Satish B. Sunnal, Rohit V. Nadiger, Ashok S. Ghanti, Siddeshwar F. Gudageri, Ravi Naik, Akshata Nayak. *Synthetic Communications,* **2015,** *45***,** 2195-2202. doi: 10.1080/00397911.2015.1068943.	1.796
[21]	Crystal structure of 7,8-benzocoumarin-4-acetic acid R. RangaSwamy, Ramakrishna Gowda, K.V. Arjuna Gowda, **Mahantesha Basanagouda.** *Acta Cryst* **2015***, E71,* o617-o618*.* doi:10.1107/S2056989015014103.	-
[22]	Crystal structure of 2-(5-methoxy-1-benzofuran-3-yl)acetic acid. Ramakrishna Gowda, K.V. Arjuna Gowda, M. Keshava Reddy, **Mahantesha Basanagouda.** *Acta Cryst* **2015***, E71,* o1053-o1054. doi: 10.1107/S2056989015023609.	-

2016		
[23]	Influence of silver nanoparticles on spectroscopic properties of biologically active iodinated 4-aryloxymethyl coumarin dyes. U.P. Raghavendra, J. Thipperudrappa, **Mahantesha Basanagouda**, R.M. Melavanki. *Journal of Luminescence,* **2016***, 172,* 139-146. doi:10.1016/j.jlumin.2015.12.003.	3.280
[24]	Study of Role of Silver nanoparticles on spectroscopic properties of a ketocyanine dye. J. Thipperudrappa, U.P. Raghavendra, H.R. Deepa, **Mahantesha Basanagouda**. *Mapana Journal of Science.* **2016***, 15,* 1-16. doi:10.12723/mjs.36.1.	-
[25]	Crystal structure of 2-(5-methyl-1-benzofuran-3-yl)acetic acid. N. Ramaprasad, Ramakrishna Gowda, K.V. Arjuna Gowda, **Mahantesha Basanagouda**. *IUCr Data,* **2016***, 1,* x160170. doi:10.1107/S241431461600170X.	-
[26]	Study of electron transfer between amines and biologically active 4-aryloxymethylcoumarin. U. P. Raghavendra, **Mahantesha Basanagouda**, J. Thipperudrappa. *Mapana Journal of Science.* **2016***, 15,* 29-45. doi:10.12723/mjs.36.3.	-
[27]	Fluorescence quenching of DMB by aniline in benzene–acetonitrile mixture. Ashok H. Sidarai, Vani R. Desai, Shirajahammad M. Hunagund, **Mahantesha Basanagouda**, Jagadish S. Kadadevarmath. *International Letters of Chemistry, Physics and Astronomy,* **2016***, 65,* 32-36. doi:10.18052/www.scipress.com/ILCPA.65.32.	-
[28]	Solvent effects on the electronic absorption and fluorescence spectra of HNP: Estimation of ground and excited state dipole moments. Vani R. Desai, Shirajahammad M. Hunagund, **Mahantesha Basanagouda**, Jagadish S. Kadadevarmath, Ashok H. Sidarai. *Journal of Fluorescence,* **2016***, 26,* 1391-1400. doi: 10.1007/s10895-016-1830-3.	2.093
[29]	Crystal structure of (4,6-dimethyl-benzofuran-3-yl)acetic acid. N. Ramaprasad, Ramakrishna Gowda, K.V. Arjuna Gowda, **Mahantesha Basanagouda**. *IUCr Data,* **2016***, 1,* x161032. doi: 10.1107/S2414314616010324.	-
[30]	Spectroscopic investigations on the interaction of biologically active 4-aryloxymethyl coumarins with TiO2 nanoparticles. U.P. Raghavendra, **Mahantesha Basanagouda**, A.H. Sidrai, J. Thipperudrappa. *Journal of Molecular Liquids,* **2016**, *222,* 601-608. doi: 10.1016/j.molliq.2016.07.088.	5.065
[31]	Steady state absorption and fluorescence study: Estimation of ground and excited state dipole moments of newly synthesized pyridazin-3(2H)-one	5.065

	derivatives. Vani R. Desai, A.H. Sidarai, Shirajahammad M. Hunagund, **Mahantesha Basanagouda**, R.M. Melavanki , R.H. Fattepur, J.S. Kadadevarmath. *Journal of Molecular Liquids,* **2016**, *223,* 141-149. doi: 0.1016/j.molliq.2016.08.015.	
[32]	Crystal structure of 2-(2-Amino-1,3-thiazol-4-yl)acetohydrazide. G.B. Pallavi, Ramakrishna Gowda, K.V. Arjuna Gowda, **Mahantesha Basanagouda**, A.L. Latha. *IUCr Data,* **2016***, 1,* x161273*.* doi: 10.1107/S2414314616012736.	-
[33]	Effect of solvent polarity on the fluorescence quenching of TMC molecule by aniline in benzene–acetonitrile mixtures. Ashok H. Sidarai, Vani R. Desai, Shirajahammad M. Hunagund, **Mahantesha Basanagouda**, Jagadish S. Kadadevarmath. *Canadian Journal of Physics,* **2016,** *94,* 1125-1132. doi:10.1139/cjp-2016-0213.	1.032
[34]	Crystal structure of 2-(6-Methyl-1-benzofuran-3-yl)acetic acid. N. Ramprasad, K.V. Arjuna Gowda, Ramakrishna Gowda**, Mahantesha Basanagouda**, K.S. Kantharaj, G.V. Jagadeesha Gowda. *IUCr Data,* **2016***, 1,* x161434*.* doi:10.1107/S2414314616014346.	-
2017		
[35]	Spectroscopic studies on newly synthesized 5-(2-hydroxy-5-methoxy-phenyl)-2-phenyl-2H-pyridazin-3-one molecule. Vani R. Desai, Shirajahammad M. Hunagund, **Mahantesha Basanagouda**, Jagadish S. Kadadevarmath, J. Thipperudrappa, Ashok H. Sidarai. *Journal of Molecular Liquids,* **2017**, *225*, 613-620. doi: 10.1016/j.molliq.2016.11.080.	5.065
[36]	Crystal structure of 2-(5-Methyl-1-benzofuran-3-yl)-N-(2-phenylethyl)-acetamide. N. Ramprasad, K.V. ArjunaGowda, Ramakrishna Gowda, **Mahantesha Basanagouda**, K.S. Kantharaj, G.V. Jagadeesha Gowda. *IUCr Data,* **2017***, 2,* x170200. doi: 10.1107/S2414314617002000.	-
[37]	Spectroscopic interactions of titanium dioxide nanoparticles with pharmacologically active 3(2H)-pyridazinone derivative. Vani R. Desai, Shirajahammad M. Hunagund, Malatesh S. Pujar, **Mahantesha Basanagouda**, Jagadish S. Kadadevarmath, Ashok H. Sidarai. *Journal of Molecular Liquids,* **2017**, *233*, 166-172. doi: 10.1016/j.molliq.2017.03.018.	5.065
[38]	Study of fluorescence quenching on novel coumarin derivatives by aniline in different solvents. Ashok H. Sidarai, Vani R. Desai, Shirajahammad M. Hunagund, **Mahantesha Basanagouda**, Jagadish S. Kadadevarmath. Journal of Solution Chemistry, **2017**, *46*, 1328-1336. doi: 10.1007/s10953-017-0645-4.	1.273
[39]	Photophysical properties of a novel and biologically active 3(2H)-pyridazinone derivative using solvatochromic approach.	2.093

	Vani R. Desai, Shirajahammad M. Hunagund, Malatesh S. Pujar, **Mahantesha Basanagouda**, Jagadish S. Kadadevarmath, Ashok H. Sidarai. *Journal of Fluorescence,* **2017***, 27,* 1793-1800. doi: 10.1007/s10895-017-2117-z.	
[40]	Analysis of fluorescence quenching for newly synthesized biologically active 3(2H)-pyridazinone derivative by aniline. Vani R. Desai, Shirajahammad M. Hunagund, **Mahantesha Basanagouda**, Jagadish S. Kadadevarmath, Ashok H. Sidarai. *Journal of Fluorescence,* **2017***, 27,* 1839-1846. doi: 10.1007/s10895-017-2121-3.	2.093
[41]	Effect of TiO_2 nanoparticles on some photophysical characteristics of ketocyanine dyes. J.Thipperudrappa, U.P. Raghavendra, **Mahantesha Basanagouda**. *Luminescence: The Journal of Biological and Chemical Luminescence*, **2017**, *32***,** 1283-1288. doi: 10.1002/bio.3322.	1.855
[42]	Effect of aniline concentrations on fluorescence intensities for a newly synthesized 3(2*H*)-pyridazinone derivative. Vani R. Desai, Shirajahammad M. Hunagund, **Mahantesha Basanagouda**, Jagadish S. Kadadevarmath, Ashok H. Sidarai Advanced Science, Engineering and Medicine, **2017***, 9*, 719-724. doi: 10.1166/asem.2017.2057.	-
[43]	Study of photophysical properties on newly synthesized coumarin derivatives. Ashok H. Sidarai, Vani R. Desai, Shirajahammad M. Hunagund, **Mahantesha Basanagouda**, Jagadish S. Kadadevarmath. *Journal of Fluorescence,* **2017***, 27,* 2223-2229. doi. 10.1007/s10895-017-2163-6.	2.093
[44]	Coumarin-Furoquinoline Conjugates as Potential Antitubercular Agents: Synthesis, Biological Evaluation and Molecular Docking Studies. G Vimala, Joy Hoskeri, **Mahantesha Basanagouda**. *J. Chem. Pharm. Res.* **2017,** *9*, 212-222.	-
2018		
[45]	Effect of plasmonic silver nanoparticles' size on photophysical characteristics of 4-aryloxymethyl coumarins. U.P. Raghavendra, **Mahantesha Basanagouda,** R.M. Melavanki, J.Thipperudrappa. *Plasmonics* **2018***, 13,* 315-325. doi: 10.1007/s11468-017-0516-2.	2.335
[46]	Modification of spectral behaviour of ketocyanine dyes by silver nanoparticles of different sizes. J.Thipperudrappa, U.P. Raghavendra, H.R. Deepa, **Mahantesha Basanagouda**. *International Journal of Nanoscience* **2018**, *17*, 1850022 (10 pages) doi: 10.1142/S0219581X18500229.	-
[47]	Fluorescence Quenching of Newly Synthesized3(2H)-Pyridazinone Derivative 5-(2-hydroxy-naphthalen-1-yl)-2-Phenyl-2H-Pyridazin-3-One (HNP) molecule by Aniline in Different Solvents Using Stern-Volmer Plots.	-

	Vani R. Desai, Shirajahammad M. Hunagund, **Mahantesha Basanagouda**, Jagadish S. Kadadevarmath, Ashok H. Sidarai. Advanced Science, Engineering and Medicine, **2018***, 10*, 876-881. doi: 10.1166/asem.2018.2252.	
[48]	Effect of solvents on photophysical properties of biologically active iodinated 4-aryloxymethyl coumarin 1IPBC. Mayadevi Kalgi, Raghavendra U P, **Mahantesha Basanagouda**, S M Hanagodimath, Thipperudrappa J. *Journal of Emerging Technologies and Innovative Research*, **2018**, *5*, 620-627.	-
[49]	Solvatochromic studies and estimation of excited dipole moment of newly synthesised iodinated coumarin derivative. Mayadevi Kalgi, Raghavendra U P, **Mahantesha Basanagouda**, S M Hanagodimath, Thipperudrappa J. *International Journal of Research and Analytical Reviews,* **2018**, *5*, 716-723.	-
2019		
[50]	Benzofuran-oxadiazole hybrids: Design, synthesis, antitubercular activity and molecular docking studies. Veerabhadrayya S. Negalurmath, Sathish Kumar Boda, Obelannavar Kotresh, P.V. Anantha Lakshmi, **Mahantesha Basanagouda.** *Chemical Data Collections,* **2019***, 19*, 100178. doi:10.1016/j.cdc.2019.100178.	-
[51]	Synthesis and Preliminary Evaluation of Benzofuran-Oxadiazole Conjugates as Potential Antitubercular Agents. Veerabhadrayya S. Negalurmath, Obelannavar Kotresh, **Mahantesha Basanagouda.** *Asian Journal Chemistry,* **2019***, 31*, 965-970. doi:10.14233/ajchem.2019.21831.	-
[52]	Influence of concentrations of TiO_2 nanoparticles on spectroscopic properties of a novel HMPP molecule. Vani R. Desai, Shirajahammad M. Hunagund, **Mahantesha Basanagouda**, Jagadish S. Kadadevarmath, Ashok H. Sidarai. *Journal of Molecular Liquids,* **2019**, *273*, 83-87. doi: 10.1016/j.molliq.2018.09.134.	5.065
[53]	Structural, spectroscopic characterization of 2-(5-methyl-1-benzofuran-3-yl) acetic acid in monomer, dimer and identification of specific reactive, drug likeness properties: Experimental and computational study. Sudhir M. Hiremath, Anil S. Patil, Chidanandayya S. Hiremath, **Mahantesha Basanagouda**, Seema S. Khemalapure, Ninganagouda R. Patil, Shivaraj B. Radder, Sanja J. Armakovic, Stevan Armakovic. *Journal of Molecular Structure* **2019**, *1178*, 1-17. doi: 10.1016/j.molstruc.2018.10.007.	2.463
[54]	Synthesis, characterization and photophysical studies on novel benzofuran-3-acetic acid hydrazide derivatives by solvatochromic and computational methods. C.V. Maridevarmath, Lohit Naik, V.S. Negalurmath, **Mahantesha Basanagouda**, G.H. Malimath. *Journal of Molecular Structure* **2019**, *1188*, 142-152.	2.463

	doi: 10.1016/j.molstruc.2019.03.063.	
[55]	Synthesis, photophysical, DFT and solvent effect studies on biologically active benzofuran derivative: (5-methyl-benzofuran-3-yl)-acetic acid hydrazide. C.V. Maridevarmath, Lohit Naik, V.S. Negalurmath, **Mahantesha Basanagouda**, G.H. Malimath. *Chemical Data Collections,* **2019***, 21*, 100221. doi: 10.1016/j.cdc.2019.100221	-
[56]	Molecular structure, optoelectronic properties, spectroscopic (FT-IR, FT-Raman and UV–Vis), H-BDE, NBO and drug likeness investigations on 7, 8-benzocoumarin-4-acetic acid (7BAA). Seema S. Khemalapure, Vinay S. Katti, Chidanandayya S. Hiremath, **Mahantesha Basanagouda**, Sudhir M. Hiremath, Sanja J. Armakovic, Stevan Armakovic. *Journal of Molecular Structure* **2019**, *1195*, 815-826. doi: 10.1016/j.molstruc.2019.06.032.	2.463
[57]	Spectroscopic (FT-IR, FT-Raman, NMR and UV-Vis), ELF, LOL, NBO, and Fukui function investigations on (5-bromo-benzofuran-3-yl)-acetic acid hydrazide (5BBAH): Experimental and theoretical approach. Seema S. Khemalapure, Vinay S. Katti, Chidanandayya S. Hiremath, Sudhir M. Hiremath, **Mahantesha Basanagouda**, Shivaraj B. Radder. *Journal of Molecular Structure* **2019**, *1196*, 280-290. doi: 10.1016/j.molstruc.2019.06.078.	2.463
2020		
[58]	Quantum chemical computational and spectroscopic (IR, Raman, NMR, and UV) studies on the 5-(5-methoxy-benzofuran-3-ylmethyl)-3H-[1, 3, 4] oxadiazole-2-thione. Sudhir M. Hiremath, Seema S. Khemalapure, Chidanandayya S. Hiremath, Anil S. Patil, **Mahantesha Basanagouda**. *Journal of Molecular Structure* **2020**, *1210*, 128041. doi: 10.1016/ j.molstruc.2020.128041.	2.463
[59]	Investigations of structural, vibrational and electronic properties on 5-(6-methyl-benzofuran-3-ylmethyl)-3H- [1,3,4]oxadiazole-2-thione: Experimental and computational approach. Seema S. Khemalapure, Sudhir M. Hiremath, Chidanandayya S. Hiremath, Vinay S. Katti, **Mahanthesh M. Basanagouda**. *Chemical Data Collections,* **2020***, 28*, 100410. doi: 10.1016/j.cdc.2020.100410.	-
[60]	Estimation of Photophysical and Electrochemical Parameters of Bioactive Thiadiazole Derivative. Shivaprasadagouda Patil, Vani R. Desai, **Mahanthesh M. Basanagouda**, Shirajahammad M. Hunagund, Suresh M. Tuwar, Ashok H. Sidarai. *Journal of Fluorescence,* **2020***, 30,* 741-750. doi: 10.1007/s10895-020-02550-x.	2.093
[61]	Structural, spectroscopic and computational investigations on (4,6-dimethyl-benzofuran-3-yl)-acetic acid hydrazide Seema S. Khemalapure, Sudhir M. Hiremath, Chidanandayya S. Hiremath, Vinay S. Katti, **Mahanthesh M. Basanagouda**, Govind Prasad Khanal, T.	2.463

	Karthick. *Journal of Molecular Structure,* **2020***, 1220*, 128748. doi: 10.1016/ j.molstruc.2020.128748.	
[62]	Quantum chemical and Solvatochromic studies of biological active 1,3,4-thiadiazol coumarin derivatives. S. Chandrasekhar, H.R. Deepa, R.M. Melavanki, S. Mogurampelly, **Mahantesha M. Basanagouda**, S.Yallappa, J.Thipperudrappa. *Chemical Data Collections,* **2020***, 29*, 100516. doi: 10.1016/j.cdc.2020.100516.	-
[63]	Computational and spectroscopic studies of biologically active coumarin-based fluorophores S. Chandrasekhar, H.R. Deepa, R.M. Melavanki, Mahantesha M. Basanagouda, S. Mogurampelly, J.Thipperudrappa. *Luminescence: The Journal of Biological and Chemical Luminescence*, **2021**. doi: 10.1002/bio.4002.	

[19] Paper Presentation : 03

Presented in Conferences, Seminars and Workshops	
S.No.	**Details**
[1]	**Presented a paper (Poster)** entitled "Coumarin-Sesamol Conjugates: Synthesis, Characterization, Anti-cancer and Antimycobacterial evaluation" **(**by **Mahantesha Basanagouda**, Rajesh P. Kalburgi) at National Conference on Recent Trends in Chemical Science (NCRTCS-2016) organized by Department of Chemistry, Manipal Institute of Technology, Manipal-576104. On 11th & 12th January 2016.
[2]	**Presented a paper (Poster)** entitled "Coumarin-Thiadiazole Conjugates: Synthesis, Characterization, Anti-fungal Evaluation" **(**by **Mahantesha Basanagouda**, Manohar V. Kulkarni) at UGC Sponsored One Day State Level Seminar "Advances in Material Science" at K.L.E.'s, P. C. Jabin Science College, Hubballi. On 20th January-2017.
[3]	**Presented a paper (Poster)** entitled "Photophysical Characteristics of Biologically Active Coumarin Derivative 4BMPC" **(**by **Mahantesha Basanagouda**, Manohar V. Kulkarni) at UGC Sponsored One Day National Level Conference on "Advances in VLSI and Microelectronics" at K.L.E.'s, P. C. Jabin Science College, Hubballi. On 27th January-2017.

[20] Research Guidance : --

[21] Other Publications : 03

S.No.	**Details**
[1]	Coumarin-Thiadiazole Conjugates: Synthesis, Characterization, Anti-fungal Evaluation. **Mahantesha Basanagouda**, Manohar V. Kulkarni. UGC Sponsored One Day State Level Seminar "Advances in Material Science" held on 20th January-2017 at K.L.E.'s, P. C. Jabin Science College, Hubballi. **2017**,

	ISBN: 978-81-931806-9-3.
[2]	Photophysical characteristics of biologically active coumarin derivative 4BMPC. **Mahantesha Basanagouda**, Manohar V. Kulkarni. UGC Sponsored One Day National Level Conference on "Advances in VLSI and Microelectronics" held on 27th January-2017 at K.L.E.'s, P. C. Jabin Science College, Hubballi. **2017**, 84-88. ISBN: 978-81-931806-8-6.
[3]	Reforms and Innovations in Higher Education. **Mahantesha Basanagouda**. NAAC sponsored two day National Seminar on "Innovative Curriculum to Enhance Student Employability and Global Competency" Organized by Internal Quality Assurance Cell (IQAC), 2nd and 3rd March 2017, at K.L.E.'s, P. C. Jabin Science College, Hubballi. **2017,** 43-44. ISBN: 978-81-931806-7-9.

[22] Book Publication :

(i) Book Title: Spectroscopic study for a novel pyridazin-3(2H)-one Derivatives.
Authors: Vani R. Desai, Shirajahammad M. Hunagund, Ashok H. Sidarai, **Mahantesha Basanagouda**, Jagadish S. Kadadevarmath.
P.No. 1-52.
Publisher: LAP LAMBERT Academic Publishing GmbH & Co. KG, Germany.
ISBN: 978-3-330-03876-9

[23] Resource Person : --

[24] Organising conferences/seminar/workshops:

(i) Editorial Member and Convener of Proceedings in NAAC sponsored two day National Seminar on "Innovative Curriculum to Enhance Student Employability and Global Competency" Organized by Internal Quality Assurance Cell (IQAC), 2nd and 3rd March 2017 at K.L.E. Society's P.C. Jabin Science College, Hubballi.

[25] Editorial Activity : --

[26] Consultancy : --

[27] Curriculum Design :

(i) BOS member of the P.G. Department of Chemistry, K.L.E. Society's P.C. Jabin Science College, Hubballi.
(ii) BOS member of the Department of Chemistry, K.L.E. Society's P.C. Jabin Science College, Hubballi.

[28] Evaluation Process :

(i) BOE member of the P.G. Department of Chemistry, K.L.E. Society's P.C. Jabin Science College, Hubballi.
(ii) BOE member of the Department of Chemistry, K.L.E. Society's P.C. Jabin Science College, Hubballi.

(iii) BOE member of Karnatak University Dharwad.
(iv) BOE member of Bangalore University Bangalore.
(v) BOE member of Jain University Bangalore.
(vi) BOE member of Government College (Autonomous) Karwar.

[29] Committee membership :

(i) Staff Secretary of the College for the academic year 2018-19, 2019-20 and 2020-21.
(ii) Convener for Feedback Committee of the College for the academic year 2019-20.
(iii) Member of Admission Committee of the College for the academic year 2020-21.
(iii) IQAC Co-coordinator from January 2021

[30] Participation :

Participated in Conferences, Seminars and Workshops	
S.No.	**Details**
[1]	National Conference in Chemistry-2006, organized by Department of Studies in Chemistry, Central College Campus, Bangalore University, Bangalore-560001. On 27-29th September 2006 (Participated).
[2]	UGC Sponsored National Seminar on "Recent Trends in Chemistry" organized by Post-Graduate Department of Studies in Chemistry, Karnatak University Dharwad-580003. On 18th February 2008 (Participated).
[3]	45th Annual Convention of Chemists and International Conference on Recent Advances in Chemistry, organized by Post-Graduate Department of Studies in Chemistry, Karnatak University Dharwad-580003. On 23-27th November 2008 (Participated).
[4]	One day national workshop on "Nuclear Energy for 21st Century" organized by Department of Physics, Shri DharmasthalaManjunatheshwara College of Engineering & Technology Dharwad-580002. On 27 August 2009. (Participated).
[5]	One day seminar on chemistry organized by KLE Society's C.S. Angadi P.U. College Gokak. On 11 October 2011. (Participated).
[6]	UGC sponsored Two day state level workshop on "Art of academic writing" organized by P.C. Jabin Science College Hubli. On 27 & 28th December, 2011. (Participated).
[7]	UGC sponsored Two days state level seminar on "Basics of Spectroscopy" organized by Department of Chemistry, JSS Banashankari Arts, Commerce & S.K. Gubbi Science College Dharwad On 9th & 10th March, 2013. (Participated).
[8]	UGC sponsored one day national level seminar on "Emerging Trends in Chemical Sciences" organized by Department of Chemistry, P.C. Jabin Science College Hubli. On 25th February, 2014. (Participated).
[9]	One day national workshop on "Nano science in medicine" organized by Department of Chemistry, J.T. College Gadag, on 05th April 2014. (Participated).
[10]	National Conference on "Present scenario of chemical sciences & its technological perspectives-2014" organized by Department of Chemistry, Karnatak University's

	Karnatak Science College Dharwad-580001. On 10 & 11th October 2014, (Participated).
[11]	UGC sponsored Two Day National Seminar on "Recent Trends in Pharmaceutical Chemistry for Drug Design" organized by the Department of Chemistry, S.K. Arts & H.S.K. Science Institute, Hubballi. On 13th and 14th February, 2015. (Participated).
[12]	UGC-CPE sponsored One Day National Seminar on "An Approach of NMR Spectroscopy and Group Theory in Chemistry" organized by the P.G. Department of Studies in Chemistry, J.S.S. Banashankari Arts, Commerce & S.K. Gubbi Science College Dharwad. On 21st February, 2015. (Participated).
[13]	UGC sponsored Two Days State Level workshop on "Adulteration and Contamination-A Challenge to Food Safety" organized by the Department of Chemistry, J.S.S. Banashankari Arts, Commerce & S.K. Gubbi Science College Dharwad. On 13th and 14th March, 2015 (Participated).
[14]	UGC sponsored Two Day National Seminar on "Applications of Polymers on Drugs" organized by Department of Chemistry, J.T. College Gadag. On 21st and 22nd August 2015 (Participated).
[15]	UGC sponsored National Seminar on "Hazardous Effects of Pesticides on Human Beings" organized by the Department of Chemistry, K.L.E. Society's R.L. Science Institute (Autonomous), Belagavi. On 23rd January, 2016. (Participated).
[16]	UGC Sponsored a Two day National conference on "Innovative Academic and Administrative Reforms in Higher Education for Global Competency" at K.L.E.'s, P. C. Jabin Science College, Hubballi. On 21st and 22nd March-2016 (Participated).
[17]	NAAC sponsored two day National Seminar on "Innovative Curriculum to Enhance Student Employability and Global Competency" Organized by Internal Quality Assurance Cell (IQAC), at K.L.E.'s, P. C. Jabin Science College, Hubballi. On 2nd and 3rd March 2017. (Participated).
[18]	An IQAC Initiated workshop on "An Insight into Management Information System for Accreditation" at K.L.E.'s, P. C. Jabin Science College, Hubballi. On 12th February 2019. (Participated).
[19]	UGC Sponsored One day National conference on "Advances in nano electronics and material science" at K.L.E.'s, P. C. Jabin Science College, Hubballi. On 12th March-2019 (Participated).

(Dr. Mahanthesh M)