


Annexure-23
Faculty Profile a brief Write up with Maximum 150-200 words

Faculty	Prof. Dr.Manjunatha.M Professor & HOD East Point College of Engineering & Technology
	<p>Prof. Dr.Manjunatha.M holds a Ph.D. in Bio inorganic chemistry from Karnatak University, M.Phil in Green chemistry and M.Sc. in Inorganic chemistry from Bangalore university, Bangalore.</p> <p>He has worked at institutions such as Sir.MVIT, Yelahanka, CMRIT, Bengaluru in various capacities from a Lecturer to the Associate Professor. A dedicated, passionate teacher and a leader with more than 23 years of experience in Academic and Administrative roles and is a serving Chief exam coordinator and internal and external deputy chief of VTU examinations in CMRIT and other colleges.</p> <p>He has Successfully guided “ONE” Research scholars for Ph.D in VTU and Has published more than 14 publications in Peer reviewed and refereed Journals, which are listed in “Web of Science (WOS)”, SCOPUS indexed Journals and conferences.</p>
	<p>Publications: 15</p> <ol style="list-style-type: none"> 1.The evaluation of various biological properties for bismuth oxychloride nanoparticles (BiOCl NPs),T D ttaraju, M Manjunatha, G Nagaraju, K Lingaraju, H R Naik, Inorganic Chemistry Communications 144, 109850, 2022 (Elsevier). https://doi.org/10.1016/j.inoche.2022.109850. (Impact factor 3.4 (Q2)) 2. A potent anesthetic drug salt: experimental and computational studies, Manjunatha., Nabil Naji Alzubaidy, Likhitha U. Manjunatha M. Saravanan K., Krishna Reddy B.V., Kannika B.R. Ganesh Somashekarachar h, Swamy M.T. , Siddaraju B.P. j , Nagendra P. k , Rajesha k , Madan Kumar S. Journal of Molecular Structure 1263, 133049(5) 2022 (Impact factor 3.8 (Q2)) https://doi.org/10.1016/j.molstruc.2022.133049. 3. Synthesis of bismuth oxychloride nanoparticles via co-precipitation method: Evaluation of photocatalytic activity: PuttarajuT.D. Shashank M, Raja Naik H. Nagaraju G. Manjunatha M. Materials Today: Proceedings, 62, 5533-5539 May 2022 (Impact factor 1.5 (Q2)) (Elsevier). 4. Modified Auto-Combustion Synthesis of Mesoporous TiO₂- NiO Nanosheets for Selective Adsorption and Photo degradation of Alizarin Yellow Dye under Direct Sunlight and Kinetic Study: M.Manjunatha, Padmavathy, Applied Mechanics and Materials, 131-145, 2022. https://doi.org/10.4028/p-52um51 5. A review of wound dressing materials- Biodegradable materials: Vani Srinivasan and Manjunatha.M, Journal of University of Shanghai for Science and Technology, 23,(7), 2021.

6. Anthelmintic and Antibacterial Studies of Zinc oxide Nanoparticles: Synthesized Using Dragon Fruit Juice as Novel Fuel. Putaraju T D, **Manjunatha.M**, Maruti.G, Vani Srinivasan, Syeda Haseen Buvabi, Bharathi T.R. **Materials Today: Proceedings**. 47, 4652-4656, 2021(**Impact factor 1.5 (Q2)**)(Elsevier).
7. Biological Studies of Novel 22-Membered N₂O₂ Diazadioxa Macrocyclic Bis-Triazoles Transition Metal Complexes: Synthesis and Physicochemical Studies: **Manjunatha.M**, Vani Srinivasan, Syeda Haseen Buvabi, **Materials Today: Proceedings**, 121, 301-312, 2021 (**Impact factor 1.5 (Q2)**) (Elsevier).
8. Synthesis and characterization of the new zero generation dendrimer 1,3,5-tris{methyl(4,7,10-triaza-3,11-dimethyltrideca-3,10-diene-2,12-dione dioxime)}benzene and its transition metal complexes; **Manjunatha.M**, Vani Srinivasan, Syeda Haseen Buvabi, **Research Journal of Chemistry and Environment**. 1227, 114-122, 2021(**Impact factor 1.5 (Q3)**).
9. Bio-important antipyrene derived Schiff bases and their transition metal complexes: Synthesis, spectroscopic characterization, antimicrobial anthelmintic and DNA cleavage investigation. **M. Manjunatha**, Ajaykumar D. Kulkarni, Gangadhar B. Bagihalli, Shridhar Malladi, Sangamesh A. Patil, **Journal of Molecular Structure**, 2017,1127, 314-321 (**Impact factor 3.8 (Q2)**) (Elsevier).
10. Synthesis, spectral, thermal, fluorescence, antimicrobial, anthelmintic and DNA cleavage studies of mononuclear metal chelates of bi-dentate 2H-chromene-2-one Schiff base. Chetan T. Prabhakara ,Sangamesh A. Patil, Ajaykumar D. Kulkarni, **M. Manjunatha**, Shivshankar M. Kinnal Prema S. Badami, **Journal of Photochemistry and Photobiology B: Biology**., 148, 322-332, 2015 (**Impact factor 6.8 (Q1)**)(Elsevier).
11. Synthesis, characterization, fluorescence and biological studies of Mn(II), Fe(III) and Zn(II) complexes of Schiff bases derived from Isatin and 3-substituted 4-amino-5- mercapto-1,2,4-triazoles. Sangamesh A. Patil, **M. Manjunatha**, Ajaykumar D. Kulkarni and Prema S. Badami. **J.Complex Metals** (1), 10, 2014 (**Impact factor 1.2 (Q1)**).
13. DNA cleavage, antimicrobial, anti-inflammatory anthelmintic activities, and spectroscopic studies of Co(II), Ni(II), and Cu(II)complexes of biologically potential coumarin Schiff bases. **M. Manjunatha**, Vinod H. Naik, Ajaykumar D. Kulkarni and Sangamesh a. Patil. **J. Coord. Chemistry**, 24(20) 4264-4275, 2011(**Impact factor 2.2 (Q2)**).
14. Synthesis, spectral characterization and biological evaluation Cu(II) and Mn(II) metal complexes of novel Isatin schiff base ligand. Sangamesh A. Patil, **Manjunatha. M**, Udaykumar V.Kamble, Prema S. Badami. **Der Pharma Chemica**, 3 (3) 97-108, 2011.
15. In-vitro Antimicrobial, Antioxidant, DNA Cleavage, and Anthelmintic activity, of Co(II), Ni(II) and Cu(II) complexes with N₂O₂ donor Schiff bases: Synthesis and Spectral studies. Sangamesh A. Patil, **Manjunatha. M**, Prema S.

Badami, **Spectrochemica Acta A** 12 (1) 110-119, 2011(**Impact factor 4.4 (Q2)**).

Patents:

1. Herbal composition for treating foot corns & calluses disorder: (Indian Patent Application: 202041035846, Chemical sciences division filed on 20/08/2020). **By Dr.Manjunatha.M**
2. Formulation for foot crack healing & protecting skin: (Indian Patent Application: 202141005823, Chemical sciences division filed on 11/02/2021). **By Dr.Manjunatha.M**
3. Design of a new generation biodegradable starch-PVA based film for wound healing and packing: (Indian Patent Application: 202141035229, Chemical sciences division filed on 05/08/2021). **By Dr.Manjunatha.M**
4. Advanced herbal hair oil composition and process to prepare thereof: (Indian Patent Application: 02141035234, Chemical sciences division filed on 03/10/2021). **By Dr.Manjunatha.M**
5. Development of biodegradable phytoabsorbent based sanitary pad and a method thereof: (Indian Patent Application: 202141035234, Chemical sciences division filed on 26/06/2022). **By Dr.Manjunatha.M**

Conferences

1. International Conference on Nano composites for Aero space applications, on 12-15 th , 2022 in Citech Bangalore.
2. Presented a paper in International Conference on Futuristic Research in Engineering Smart Materials (FRESM'21); Materials Today: Proceedings – (Elsevier).
3. Presented a paper in International Conference on Emerging Trends in Materials Science and Technology-2022(ICETMT-22). 10 Feb 2022. Materials Today: Proceedings (Elsevier)
4. International Conference on Emerging Trends in Materials Science and Technology-2022 ICETMT-22. CMRIT, Bangalore-37.
5. Participated in the Webinar training programme on “Does Ozone Hole Impact” organized by Environmental Management & Policy Research Institute (Department of Forest, Ecology & Environment, Govt. of Karnataka) Conducted on 21.06.2021.
6. International Conference on Futuristic Research in Engineering Smart Materials, FRESM'21, April 23-24, 2021. CMRIT, Bangalore-37.

Achievements/Awards/Recognitions

- Published 5 Indian patents.
- Best teacher award 2004 in CMRIT
- Received 5,10 and 15 years service award in CMRIT
- **3rd prize** in the “Quiz Contest” conducted by **IIT, Madras** on “SUSTAINABLE DEVELOPMENT INITIATIVES FOR THE ASIAN COUNTRIES” on 25.11.2021.
- Published 14 research papers in highly reputed journals.
- KSCST student project in 2022 in EPCET.
- Served as internal & external deputy chief for VTU exams.
- Chief exam squad for theory exams in CMR University.