

Bapuji Educational Association®
D. R. M. Science Degree College, Davangere-577004.
PROFILE

1	Name	Dr. Manjuraj .T
2	Educational Qualifications	<ul style="list-style-type: none"> ➤ Ph.D., Inorganic chemistry, “Studies on transition metal complexes of substituted benzimidazole; Synthesis, Characterization and biological activity” awarded by Department of Industrial Chemistry, Kuvempu University, Shankaraghatta, Shivamogga. 2019. ➤ M.Sc., Chemistry, Davanagere University, Davanagere, 2012 ➤ B.Sc., Chemistry, Botany, Biotechnology, Tumkur University, Tumkur, 2009.
3	Designation	Assistant Professor
4	Date of Birth	28-01-1989
5	Date of Appointment	22-09-2021
6	E-mail	manjuraj877@gmail.com
7	Mobile No	+91-9449059324, 7411890363
8	Teaching Experience	02
9	Publications	Total Research Publications → 22 International Publications → 14 National Publications → 08
	Research Area	Inorganic, Coordination, Organic Chemistry and Analytical/Computational Chemistry,

9. WORKSHOP/SEMINARS

1. UGC-CPE Sponsored one day Workshop on “**PRERANA and SADHANEYEDEGE**” Organised by Women empowerment cell at Sahyadri Science College (A) Shivamogga on 24th March 2015.
2. UGC-CPE Sponsored Programme of one day faculty development on “**ICT Enabled Teaching in Higher Education**” Organised by Internal Quality Assurance Cell (IQAC) on 28th march 2015 at Sahyadri Science College (A) Shivamogga.
3. One day faculty development **webinar on “Drug Design and development**” held on 10th June 2020 organized by Department of chemistry Saphthagiri College of Engineering, Bengaluru -560057.
4. Five days International faculty development program on “**Recent trends on Science and technology**” held on 15th to 20th June 2020 organized by **Suresh Gyan Vihar University, Jaipur, Rajasthan. India.**

10. RESEARCH PUBLICATIONS

❖ [Google Scholar Citations : 62](#)

❖ [h-index : 03](#)

❖ [i-10-index: 03](#)

1. **Manjuraj T.** Yuvaraj TCM, Jayanna N.D, Sarvajith M S, **Title:** Design, spectral, thermal, DFT studies, antioxidant and molecular docking studies of pyrazole-based schiff base ligand and its metal (II) complexes, **ELSEVIER'S, Materials Today: Proceedings, 2021, <https://doi.org/10.1016/j.matpr.2021.10.354>**
2. **Manjuraj T.** Krishnamurthy G, Yuvaraj TCM, Jayanna N.D, **Title:** Synthesis, XRD, SEM, spectroscopic, DFT, molecular docking and cytotoxicity studies of metal (II) complexes derived from thiosemicarbazide, **Journal of Molecular Structures 2021, Under Review.**
3. S H Shreedhara, N D Jayanna, **T Manjuraj**, T C M Yuvaraj, Sarvajith M S, Synthesis, characterization, DFT studies, antibacterial, cytotoxic and molecular docking studies of 3-chloro-1-[(6-nitro-1, 3-benzoxazol-2-yl) amino]-4-phenylazo-2-one derivatives, **International Journal of Chemical and Biological Sciences, Volume 3, Issue 2, Page No. 11-19, 2021.**
4. **T. Manjuraj**, Yuvaraj TCM. Yuvaraj TCM, Jayanna N.D, Shreedhara S H, Sarvajith M S. **Title:** Spectral, DFT, molecular docking and antibacterial activity studies of Schiff base derived from furan-2-carbaldehyde and their metal (II) complexes. **Journal of the Turkish Chemical Society Section A: Chemistry. JOTCSA;7(2): 449-462, 2020.**
5. Jayanna N. D, Vagdevi H. M, Dharshan J. C, **Manjuraj T**, Shreedhara S. H, An efficient synthesis of 2-(6-methoxy-2-naphthyl)-1,3-benzoxazole derivatives using IBD/LTA: Reactivity, DFT, Anticancer and Larvicidal activities, **Asian J. Research Chem. 2020; 13(5):312-318.**
6. Satish Naik, Parameshwara Naik P, Krishnamurthy G and **Manjuraj T**, Synthesis, Characterization, DFT, DNA binding/cleavage studies of Schiff base metal (II) complexes, **Research Journal of Chemistry and Environment, Vol. 24 (10) October 2020.**
7. **T. Manjuraj**, G. Krishnamurthy, Yuvaraj TCM. **Title:** Spectral, DFT calculations, biological and molecular docking studies of 2-[(thiophen-2-ylsulfanyl)methyl]-1H-benzimidazole based metal (II) complexes, **International journal of scientific research and reviews. IJSRR, 8(1), 78-91, 2019.**
8. **T. Manjuraj**, G. Krishnamurthy, Yadav D. Bodke, H.S. Bhojya Naik, **Title:** Synthesis, XRD, thermal, spectroscopic studies and biological evaluation of Co(II), Ni(II) Cu(II) metal complexes derived from 2-benzimidazole. **Journal of Molecular Structure (Elsevier) 1171, 481-487, 2018. [Impact factor 3.196].**

9. T. C. M. Yuvaraj, P. Parameshwara Naik¹, T.V. Venkatesh, G. Krishnamurthy and **T. Manjuraj**. *Synthesis, spectral studies, XRD, thermal analysis and biological screening of metal complexes derived from (N-(3-methoxyphenyl)-2-[(2E)-3-phenylprop-2-enoyl]hydrazinecarboxamide*. **Journal of Turkish chemical society-Section-A-Chemistry**; **5(3): 845-856, 2018**.
10. **T. Manjuraj**, G. Krishnamurthy, Yadav D. Bodke, H.S. Bhojya Naik, **Title:** Synthesis, Spectral Characterization In vitro α -Amylase, Antioxidative and Molecular Docking Studies of S-(5-methoxy-1H-benzimidazole-2-yl)Thiophene-2-carbothioate and Their Metal Complexes, **Asian Journal of Physical and Chemical Sciences**, **5(1): 1-14, 2018**.
11. S. H. Shreedharaa, H. M. Vagdevia, N. D. Jayanna, **T. Manjuraj**, *ZnCl₂ catalysed one pot synthesis of benzoxazole linked pyridine derivatives, biological evaluation and DFT studies*, **International Journal of Pharmacy and Biological Sciences**, **Vol-8, Sept, , 1113-1124, 2018**.
12. Satish Naik, Parameswaranaik P, Sunil kumar N, Krishnamurthy G, Mohammed Shafeeulla R, **Manjuraj T**, Madhusudana Somegowda. *Cd(II) Mixed Ligand Complex Containing 2-Aminothiazole and Triphenylphosphine; Synthesis, Spectral, DFT and Biological Activity Studies*. **Journal of Pharmaceutical, Chemical and Biological Sciences** **6(2):70-77, 2018**.
13. **T. Manjuraj**, G. Krishnamurthy, Yadav D. Bodke, H.S. Bhojya Naik, **Title:** Metal complexes of quinolin-8-yl [(5-methoxy-1H-benzimidazol-2-yl)sulfanyl] acetate: Spectral, XRD, thermal, cytotoxic, molecular docking and biological evaluation. **Journal of Molecular Structure (Elsevier)** **1148, 231-237, 2017. [Impact factor 3.196]**
14. **T. Manjuraj**, G. Krishnamurthy, Yadav D. Bodke, H.S. Bhojya Naik, Mohammed Shafeeulla. **Title:** Co(II), Ni(II) and Cu(II) complexes of new mannich base of N'-(1H-benzimidazol-1-ylmethyl) pyridine-4-carbohydrazide: Spectral, XRD, molecular docking, antioxidant and antimicrobial studies. **Asian Journal of Research in Chemistry (AJRC) Vol. 10 Issue 4, July-August 2017**.
15. **T. Manjuraj**, G. Krishnamurthy, Yadav D. Bodke, H.S. Bhojya Naik, Shashikumar N D, Yuvaraj TCM. **Title:** Synthesis, characterization, spectral, thermal, molecular docking and biological studies of benzimidazol-2-ylmethyl)-2-(pyridin-4-ylcarbonyl) hydrazine carbothioamide and their Co(II), Ni(II) and Cu(II) complexes. **Journal of Applied Chemistry (IOSR-JAC), Volume 10, Issue 7, PP 71-79, 2017**.
16. Yuvaraj TCM, Parameshwara Naik P, Krishnamurthy G, Venkatesh TV, Mohammed Shafeeulla R, **Manjuraj T**. *Synthesis, Characterization, XRD Studies, Molecular Docking and Biological Screening of N-phenyl-2-(pyridin-4-ylcarbonyl) Hydrazine Carboxamide and their 3D Metal Ion Complexes*. **Der Pharma Chemica**, **9(19): 1-8, 2017**.

17. Yuvaraj TCM, Parameshwara Naik P, Krishnamurthy G, Venkatesh TV, Mohammed Shafeeulla R, **Manjuraj T** and Venugopal T M. *Synthesis, Characterization, Molecular Docking, Thermal Degradation Studies and Biological Screening of N-{[2-(Pyridin-4-bonyl) hydrazinyl] carbonothioyl} furan-2-carboxamide and its Mn(II), Ni(II), Co(II), Cu(II) and Zn(II) Complexes.* **Asian Journal of Chemistry; Vol. 29, No. 10 2177-2183, 2017.**
18. Mohammed Shafeeulla R, Ganganaik Krishnamurthy, Halehatti S. Bhojyanaik, **Manjuraj T.** *Synthesis, Cytotoxicity, and Molecular Docking Study of Complexes Containing Thiazole Moiety.* **Journal of Turkish chemical society-Section-A-Chemistry.;** **4(3): 787-810, 2017.**
19. Mohammed Shafeeulla R, Ganganaik Krishnamurthy, Halehatti S. Bhojyanaik, **Manjuraj T** and Subba Poojari. *Synthesis of (4-Bromo-3 Fluorophenyl) (Pyrimidin-5-yl)Methanol and their Transition Metal Complexes, Spectral, X-ray Powder Diffraction, Cytotoxicity, Molecular Docking, and Biological Evaluation.* **Indian Journal of Advances in Chemical Science 5(4) 268-279. 2017.**
20. Naveenaradhya S.V, Vishnumurthy K. A, Bhojya Naik H. S, **Manjuraj T**, Jayanna N. D Yuvaraj T.C.M and Mohammed Shafeeulla R. *Metal Complexes of S-(5-chloro-1,3-benzoxazol-2-yl)thiophene-2-carbothioate: Spectral, XRD, Thermal, Molecular Docking and Biological Evaluation.* **Journal of Chemistry and Chemical Sciences, Vol. 7(8), 602-614, August 2017.**
21. Naveenaradhya S.V, Vishnumurthy K. A, Bhojya Naik H. S, **Manjuraj T**, Jayanna N. D. *Metal Complexes of quinolin-8-yl (1, 3-benzoxazol-2-ylsulfanyl) acetate: Spectral, XRD, thermal, molecular docking and biological evaluation.* **Journal of Applied Chemistry (IOSR-JAC) Volume 10, Issue 6 Ver. II, PP 36-43. June. 2017.**
22. Yuvaraj TCM, Parameshwara Naik P, Krishnamurthy G, Venkatesh TV, **Manjuraj T.** *Synthesis, Characterization, Thermal Degradation Studies of Transition Metal Complexes of 5-Methoxy-5,6-Bis(3-Nitrophenyl)- 4, 5-Dihydro-1, 2, 4- Triazine-3 (2H)-Thione and Their Biological Activities.* **International Journal of Advanced Research in Chemical Science (IJARCS), Volume 3, Issue 3, March, PP 1-11, 2016.**

11. INTERNATIONAL AND NATIONAL WEBINARS

1. One day International webinar on “**Recent trends in Computational chemistry (RTCC-2021)**” held on 12th November 2021 Organized by Department of Chemistry Anurag University and Chemical Research Society of India (CRSI) Rajasthan.
2. Two days International Webinar on “**Advancements in chemical sciences towards covid-19**” held on 12th-13th June 2020 organized by Department of Chemistry, “Rani Chanamma University, Belagavi-591156, and Karnataka.

3. One day webinar on “**Advanced membrane technology for allied Applications**” held on 27th 2020 organized by Department of Chemistry, Reva University, Bengaluru India.
4. One day webinar on “**Importance, Necessity, and Thrust areas of research- an Indian Scenario**” held on 8th Aug 2020 organized by Department of Chemistry, Reva University, Bengaluru India.

12. PAPERS PRESENTED IN INTERNATIONAL CONFERENCES AND SEMINARS

1. “Design, spectral, thermal, DFT studies, antioxidant and molecular docking studies of pyrazole-based schiff base ligand and its metal (II) complexes”, **Two days International Conference On Materials Science and Mathematics for Advanced Technology (MSMAT 2021) Organized by Basic Sciences Department, NMAM Institute of Technology, Nitte 574110, On November 19th -20th, 2021.**
2. Spectral, DFT Calculations, molecular docking and biological activity of Schiff base derived from furan-2-carbaldehyde and their metal (II) complexes. Two days **International conference on NANOTECHNOLOGY 2019 “Opportunities and challenges” At St. Aloysius College Mangaluru, on 10 and 11th January 2019.**
3. “Metal complexes of 4-((1Z)-1-[2-(1H-benzimidazol-2-ylmethyl) hydrazinylidene]ethyl} phenol: Spectral, XRD, thermal, cytotoxicity, Molecular docking and antioxidant studies” **Three Days “International conference on Emerging trends in Chemical sciences” held on 14th, 15th and 16th September 2017 at Manipal Institute of technology. Manipal. (Poster presented).**
4. “Synthesis, Characterization, antioxidant, molecular docking and antimicrobial evaluation of transition metal complexes with quinolin-8-yl [(5-methoxy-1H-benzimidazol-2-yl) sulfanyl] acetate” **Two days “International conference on Science and technology: future challenges and solutions” held during Aug 8th and 9th 2016 at Vijnana bhavan, University of Mysore, Mysuru. (Poster presented).**

13. PAPERS PRESENTED IN NATIONAL CONFERENCES AND SEMINARS

1. Participated Two Days National level seminar on **Recent Developments in chemical sciences (RDCS-2018)** held at Depart, of UG/PG studies, Research in chemistry and Industrial chemistry, Sahyadri science college Shivamogga on 28 and 29th December 2018.
2. Synthesis, spectral, XRD, DFT calculations, cytotoxicity and biological studies of ligand s-1h-benzimidazol-2-yl thiophene-2-carbothioate and their Co(II), Ni(II) and Cu(II) metal complexes” **Two days National conference on Recent Advances in chemical and material science for industry and society(RACBMS-2018).** held during 9th and 10th February 2018 at Kuvempu University, Shankaraghatta, Shivamogga.

3. Metal complexes of 4-{(1Z)-1- [2-(1*H*-benzimidazol-2-ylmethyl) hydrazinylidene] ethyl}phenol: Spectral, XRD, thermal, cytotoxicity, Molecular docking and antioxidant studies. **KSTA National conference on “impact of science and technology on society and economy”** Held during 2017 March 8th and 9th at Sri Krishnadevaraya University, Ballari.
4. Two days National conference on **Recent Trends in Chemical Sciences (NCR TCS 2016) held at Manipal Institute of Technology**, During January 11 and 12th 2016 at **Manipal**.
5. “Synthesis, Characterization and Biological screening of Metal complexes Bearing Benzimidazole moiety” **One day National Conference on Frontier Areas in Chemical Science (FACS-2015)**. Jan 10th 2015 Held at Dept. of Chemistry, Bharathi Education Trust (R), Maddur, Mandya.

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Signature