

Faculty Profile



1. Name : **Dr. Jagannath Tulshiram Makode**
2. Address (residential) : Madhumalti Apartment No. 2, Umari Naka,
Akola
3. Phone No. /Cell No. : +919404831587.
4. E-mail : jtmakode@gmail.com
5. Designation : **Associate Professor, Deptt. of Chemistry,
Shri Shivaji College of Arts, Commerce & Science, Akola.**
6. Department : Chemistry.
7. Date of birth : 10th Nov. 1957.
8. Area of specialization : **Organic Chemistry.**
9. **Academic qualification:**

Examination passed	Board/ University	Subject/ Specialization	Year of passing	Division/ Grade/Merit
Bachelor's Degree	Nagpur University, Nagpur.	Chemistry, Botany, Zoology	1979	I st
Master's Degree	Nagpur University, Nagpur.	Organic Chemistry	1981	I st
M. Phill.	Nagpur University, Nagpur.	Organic Chemistry	1989	-----
Ph. D.	Amravati University, Amravati.	Inorganic Chemistry	2002	-----
	Title of Ph.D. Thesis: - Studies on the Coordination Complexes of Schiff Base Ligands.			

10. Membership of Academic Organization:

- Life Member Nagpur University Teachers Association.
- Life Member Amravati University Chemistry Teachers Association.
- Ex-member of B.O.S. in Chemistry, SGB Amravati University, Amravati.
- Life Member of TREE (Team to Restore the Entire Environment)

11. Research Experience: 20 Years.

- Guidance to M. Phil. Student: **02**
- Guidance to Ph.D. Student: **00**
- Registered for Ph. D.: **01**
- **Research Publications of Dr. J. T. Makode, Associate Professor, Dept. of Chemistry, Shri Shivaji College, Akola.**

<p>1. Synthesis and physicochemical characterization of chelates derived from 2-Hydroxy-5-Methylacetophenone-S-benzylthiocarbamate. Polish J. Chem., 74, 469-475 (2000).</p>
<p>2. Thermal decomposition studies of 2-Hydroxy-5-Methylacetophenone-S-methylthiocarbamate complexes. Thermans, 175, 13, (2002)</p>
<p>3. Transition metal complexes of Bis-(S-methylthiocarbamate) Resdiacetophenone. J. Indian Chem. Soc, 80, 44– 46 (2003).</p>
<p>4. Structural, Thermal, Biological and semi conducting properties of Mn(II), Fe(II), Co(II) , Ni(II),Cu(II) Zn(II) , Cd(II) and VO (IV) complexes of S- benzylthiocarbamate. Polish J. Chem., 77, 855-865 (2003).</p>
<p>5. Electrical and thermal properties of some metal chelates derived from polymeric Schiff base. Transactions of the SAEST, 38(2), 79-81, April-June (2003).</p>
<p>6. Synthesis, characterisation, thermal and semiconducting studies of 2-hydroxy-5-methylacetophenone-S-methylthiocarbamate complexes Revue Roumaine de Chimie, 48(6), 433-437 (2003).</p>
<p>7. Synthesis, Characterisation, Biological and Thermal Properties of some new Schiff base complexes derived from 2 Hydroxy-5-Chloroacetophenone & S- Methylthiocarbamate. Indian J Chem. Sect, 43A, 2120, 2004.</p>
<p>8. Synthesis and Structural characterisation of Mn(III),and Fe(III) polychelates derived from PolySchiff base ligand, Procd. NSAM, 93, 2005.</p>
<p>9. Synthesis and Thermal studies of some transition metal Chelates of bis-chelating Ligand, Proc. Thermans, 371, 2006.</p>
<p>10. Physicochemical Characterization, Thermal & Electrical Conductivity Studies of some Transition Metal Complexes of Bis- Chelating Schiff Base. Russian J. Inorg. Chem., 54(9), 1372 – 1377 (2009).</p>
<p>11. A new route for synthesis of 1,2,4,5-Tetrazines. Int. J. Chem. Sci., 8(4), 2605-2614, 2010.</p>

12. Seminars / Conferences / Symposia attended and organized:

Name of the Conference/Seminar/Workshop etc.	Place and Name of the sponsoring Agency	Date	Paper Presented / Attended
1. National symposium on High polymers and Co-ordination polymers	P.G.T.D. of Chemistry, Nagpur Uni., Nagpur	23-25 Feb. 1989	Participated
2. 35 th Annual Convention of Chemists	Dharwad. Indian Chemical Society	1998	Synthesis and Characterization of Mn(II), Co(II), Ni(II), Cu(II), Zn(II) and Cd(II) chelates of Schiff Base.
3. National seminar on facets on Co-ordination chemistry	P.G.T.D. of Chemistry, Nagpur Uni., Nagpur	24 th April, 1999	Participated
4. State level seminar on recent advances in Ethnobotany	Deptt. Of Botany, Shri Shivaji College, Akot	24-25 Dec. 2000	Participated
5. Workshop on Energizing Curriculum for upgradation of standards	TRDEA, Amravati University, Amravati	14-15 July 2001	Participated
6. ICC	Mysore	Dec. 2001.	Transition metal complexes of Resdiacetophenone-S-Methyldithiocarbazate.
7. NCSCA	Kanpur	6-8 Dec. 2001	Synthesis, Thermal and Spectral studies of some Schiff base complexes
8. 89 th session of Indian Science Congress	Lucknow. Indian Science	3-8 Jan, 2002.	Synthesis and structural characterization of 2-

	Congress Association, Kolkata.		Hydroxy-5-chloroacetophenone-S-methyldithiocarbazate complexes
9. 13 th National Symposium and workshop on Thermal Analysis	BARC, Mumbai.	21-25 Jan. 2002	Participated
10. National seminar on Advanced material	DDU, Gorakhpur. UGC-DRS programme	22-24 March, 2002	Participated
11. ICC	Jabalpur	Oct. 2002	Thermal and electrical studies of some Schiff base metal complexes
12. UGC sponsored National conference	Aurangabad	7-8 Oct. 2002	Antimicrobial studies of Mn(II), Fe(II), Co(II), Ni(II), Cu(II), Zn(II), Cd(II) and VO(IV) chelates derived from Schiff base ligand.
13. 4 th National Symposium in Chemistry	NCL, Pune	2002.	Structural, Electrical-polymeric Schiff base chelates.
14. 90 th session of Indian Science congress.	Bangalore / Indian Science Congress Association, Kolkata.	3 to 7, Jan – 2003.	Electrical and thermal properties of some metal chelates derived from polymeric Schiff base
15. 91 st session of Indian science congress.	Chandigarh / Indian Science Congress Association, Kolkata.	Jan. 2004.	Synthesis..... Resdiacetophenone
16. 14 th National Symposium on Thermal analysis	M.S. Uni., Baroda	20-22 Jan. 2004	Synthesis and thermal.....schiff base ligands.
17. National seminar on advanced materials	Deptt. Of Chemistry, Amar Seva Mandal's Kamla Nehru Mahavidyalaya, Nagpur	1 Feb 2004.	Synthesis and structural.....poly schiff base ligands
18. National Conference on emerging trends in chemical sciences in new millennium	Deptt. Of Chemistry Shri Shivaji College, Amravati	5-7 Feb. 2004.	Participated
19. National Conference on Drug	Deptt. Of Chemistry,	19-20 Jan.2007.	Participated

designing and synthesis	Dr. Ambedkar College, Nagpur		
20. National Seminar on Advanced Materials	Deptt. Of Chemistry, R.T.M. Nagpur Uni., Nagpur	12 th Feb. 2007	Participated
21. National Conference on Green Chemistry and its Persepective	P.G. Deptt. Of Chemistry, S.G.B. Amravati Uni., Amravati. UGC-DST	11-12 Feb. 2008.	Participated
22. National Seminar on Current Trends in Chemical Sciences Research.	Shri Shivaji College of Arts, Commerce and Science, Akola / UGC New Delhi.	28 th March 2008.	Participated
23. National Seminar on Significant trends of research in chemistry	Chemistry Department, Nagpur University, Nagpur / UGC New Delhi.	29 th Feb 2004.	Participated
24. State level seminar in Chemistry on metals pollution	Deptt. Of Chemistry, Shri Shivaji College, Pauni.	31 st Aug. 2008	Participated
25. National Seminar on Recent Innovations in Herbal Drugs	Mahatma Fule Arts, Commerce and Science College, Warud	24 Jan. 2009	Participated
26. National Seminar on Recent Innovations in Drugs Technology, Technique & Nanotechnology.	Deptt. Of Chemistry, S.R.R.L. Science College, Morshi	27 Feb. 2010.	Participated
27. National workshop on Green Chemistry	P.G. Deptt. Of Chemistry, S.G.B. Amravati Uni., Amravati. UGC-DST	17-18 Feb. 2010.	Participated
28. National Conf. on trends in science: today and tomorrow	Department of Botany Shri Shivaji College Akot.	22,23/02/2010	Participated
29. National conference on 'advance technologies in material science and their applications	Department of physics and chemistry Arts, commerce and science college. Arvi	06/03/2011	Participated
30. 13 th Annual convention and one	Department of	25/09/2011	Participated

day seminar on chemistry in our lives	chemistry, SGB Amravati University Amravati		
31. National conference on material: atom to molecule	Shri Shivaji science college Nagpur	16Dec 2011	Participated
32. National conference on Recent Researches in Chemistry: A journey towards social upliftment	Lokmanya Tilak Mahavidyalaya, Wani	14,15/02/2012	Paper presented

13. Recognized guide for Ph.D.

→ Present Research Worker- 01

14. Teaching Experience

Course Taught	Name of University/College/Institution	Duration
UG	Shri Shivaji College, Akola.	30 Years.
PG		02 Years.
Other (Career Oriented Programme)		05 Years.

15. Innovation/ Contribution in Teaching

a. Design of Curriculum: Former member of Board of Studies in Chemistry S.G.B. Amravati University, Amravati.

b. Preparation of resource materials:

1. Coauthor Text book of Organic Chemistry B.Sc.I/ Bokey publication, Amravati.

c. Extension activities/consultancy/community works.

→ Participation in NSS camp.

16. Role in college activities.

⇒ Member of following college committees

- i) Admission ii) Research Activity Committee iii) IQAC iv) Student Feedback Committee v) Student-Teacher Guardian Scheme vi) Co-ordinator of Debates, Elocution and Quiz Committee vi) Vigilance Committee

17. Role in University activities

- ✎ Ex-Member L. E. C. for affiliation of college to University.

18. Membership/ participation in activities of national development

- Life Member Amravati University Chemistry Teachers Association.
 - Life Member NUTA.
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