



**Dr. Bhagat Shyamrao Madhavrao**

M.Sc. Ph.D.

**Designation:** Assistant Professor

I.C.S. College of Arts, Commerce and Science,  
Khed, Dist. Ratnagiri-415709.

**Date of Birth** 18 June 1971

Residential Address: Nilratna,  
behind Dnyandeep highschool, Bhadgoam-Khonde,  
Tq. Khed Dist. Ratnagiri-415709.

**Mobile number:** +91 9890097471

**Email id:** shyambhatgat2010.sb@gmail.com

**Teaching Experience:** 09 Years

**Area of Specialization:** Organic and Inorganic Chemistry

**Publications:** Published Research Papers : 11

**List of Research Publications:**

- 1) Study of organic compounds containing  $-\text{NH}_2$  and  $-\text{COOH}$  groups as corrosion Inhibitor  
(*Oriental Journal of Chemistry*, vol. 26(2), 649-653, 2010)
- 2) Study of organic compounds containing  $-\text{NH}_2$  and  $-\text{OH}$  groups as corrosion Inhibitor  
(*Oriental Journal of Chemistry*, vol. 26(4), 1545-1548, 2010)
- 3) Synthesis and antimicrobial activity of some transition metal ion chelates of 2-(cinnamyl)-4-bromo-6-methyl benzothiazolyl hydrazine  
(*Journal of chemical and pharmaceutical Research* Vol 4(30) 1451-1456, 2012)
- 4) Effect of 2-(2-hydroxy-3'-methoxy phenyl)-4-bromo-6-methylbenzothiazolyl hydrazone metal complexes on fermentation reaction.  
(*Oriental Journal of chemistry*. Vol.-27 (2) 757-759, 2011.)
- 5) Study of physicochemical characterization of ground water from different sites in Nanded city

*(Journal of Chemical and pharmaceutical Research , vol 3(5), 490-500, 2011)*

- 6) Synthesis, Characterization of tridentate Schiff base metal chelates and their antimicrobial activity.

*(Journal of chemical and pharmaceutical Research, 4(1) 105-111, 2012)*

- 7) Synthesis and characterization of some transition metal ion chelates of hydrazine derivative.

*(Vidyawarta, Issue-iv, Oct to Dec. 2013)*

- 8) Synthesis, Characterization of Mg<sup>+2</sup>, Co<sup>+2</sup> Metal ion chelate of 2-(Cinnamyl)-4-bromo-6-methyl benzothiazolyl hydrazone.

*(Word Journal of Research and Review, volume-3, Issue-3, September 2016)*

- 9) Synthesis of Schiff base from 3-formylchromone and 4-Nitrosulphonamide

*'Printing Area' International Research journal A Special Issue on "Frontiers in Chemical Sciences" December 2017*

- 10) Synthesis, spectral and thermal study of some transition metal ion chelates of hydrazine containing N, O, S donor atoms.

*( international journal of Advanced Science and Research. Vol. 3 Issue5, 24-29 September-2018)*

- 11)

Conference and seminar attended :-

- 1) . National Conference on 'Recent Advancements in studies of metal complexes  
N.E.S. Science College Nanded.
- 2) National Conference on 'Recent Trends in Chemical Research  
G.S. Gawande College, Umerkhed. Dist- Yawatmai.
- 3) Emerging Trends in synthetic and Polymer chemistry  
B. Raghunath Art's , Comm.and Science college, Parbhani. (MH) (2013)
- 4) New Research Trends in Chemistry and Its Application in Environmental chemistry.

K.K.H.A. Arts, S.M.G.L. Comm. And S.P.H.J. Science college, Neminagar, Chanwad, Dist. Nashik. (2016)

- 5) Recent Advances om Science amd Technology

Gopkabei Sitaram Gawande Mahavidyala Umerkhed. Dist- Yavatmal.(2019)

- 6) Exploring New Horizons in Chemical Sciemces

Deogiri College, Aurangabad.(2019)

- 7) DInternational Multidisiplinary Conference.

Anandibai Raorane Arts, Comm. And Science College, Vaibhawadi. Dist.-Sindhudurg.

- 8) Frontiers in chemical sciences

Shri Vyankatesh arts, comm. And Science college, Deulgaon Raja, dist. Buldana.

- 9) National Conference on Modern Research Tools in Science

B.M. Vedak College of Science, Tala. Dist.-Raigad.