

## CURRICULUM VITAE

**Dr. Bhagwat Baburao Nagolkar (M. Sc., NET (CSIR-JRF), Ph.D.)** Mobile No. **9922869975**  
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### Biographical

Birth date : 21 Aug 1985.  
Gender : Male.  
Marital status : Married.  
Nationality : Indian.  
Languages Known : Marathi, Hindi & English  
Category : O. B. C.

### Contact

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### Educational Qualification

#### Ph. D. (Awarded) July 2017

Thesis of research work “The kinetic and mechanistic study of oxidation of some clinically important drugs by new oxidants”

#### NET Qualified

I have recently Qualified **NET (CSIR-JRF)** All India rank 50 in held on Dec-2011 Subject **Chemistry**

#### NET Qualified

NET Exam qualified **NET (CSIR-LS)** All India rank 35 in June. 2011 Subject **Chemistry**

**M. Sc. (Physical Chemistry) (64.75%)**

From Dr. Babasaheb Ambedkar Marathwada University, Aurangabad 431004 (M. S.) (June, 2009), India. First Division

**B. Sc. (Chemistry, Botany & Zoology) (73.16%)** From Dr. Babasaheb Ambedkar

Marathwada University, Aurangabad (M. S.) India, 2007, First division.

**H. S. C. (Physics, Chemistry & Biology) (46.50%)**

From Amravati Board (M.S.) India, Feb 2003, second division

**S. S. C. (Science, Mathematics, Social Sciences & English) (52.26%)**

From Amravati Board (M.S.) India, Mar 2001, second division

**Computer awareness**

Basic Knowledge of Computer. Microsoft PowerPoint Microsoft Word Internet Surfing

**Research Project**

“Study of Co-ordination Complexes Cu(II) With Tetradentate Schiff Bases” During M.Sc. II Year Under the Guidance of Prof. Dr. T. K. Chondhekar Dept. of Chemistry, Dr. BAMU Aurangabad.

**Teaching Experience**

- 1) Academic year 2011-2012 in Department of Chemistry Government college of Arts and science Aurangabad Maharashtra
- 2) Experience of conducting practical's and theory lectures of M. Sc. I & II<sup>nd</sup> year (Chemistry) in Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India. (2017-2021).
- 3) Academic year 2018-2021 in Department of Chemistry Milind college of science Nagsenvana Aurangabad Maharashtra

<b>Conference and Seminar Attended</b>
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- National Conference on by Dept. of Chemistry, Vasantrao Naik College Aurangabad Dist. Aurangabad Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (30 & 31 Aug. 2012).
- National Conference on “Indian Chemical Society” 92, Acharya Prafulla Chandra Road, Kolkata Organized by NITTR Bhopal (12-15 December 2012).
- One Day seminar on New Development in Microwave Technology Organized by Department of chemical technology Dr. Babasaheb Ambedkar Marathwada University Aurangabad. (10<sup>th</sup> September 2013).
- National Seminar on Role of Chemistry in Eco-friendly organic synthesis organized by S. B. E. S. College of science Aurangabad (19-20 September 2013).
- 2<sup>nd</sup> National workshop on Material Chemistry [Catalytic Materials] NWMC-2013 (CAT-MAT) Organized by Bhabha Atomic Research Centre Mumbai (22-23 November 2013)
- National Conference on “Indian Chemical Society” 92, Acharya Prafulla Chandra Road, Kolkata Organized by Department of Chemistry & Centre for Advanced Studies in Chemistry Punjab University Chandigarh (4-7 December 2013).
- National Conference on Recent Trends in Chemistry Education Organized by P. G. Department of Chemistry, Sir sayyed College Aurangabad (13-14 December 2013)
- National workshop on Scientific Research Paper Writing Organized by Department of Chemistry Savitribai Phule Pune University Pune from 16<sup>th</sup> to 17<sup>th</sup> December 2014.
- National Conference on Science and Technology for Human Development organized by ISCA-Aurangabad Chapter Pre Science Congress -2014 on 30-31 December 2014
- National workshop on Review of Progress in Nanoscience organized by New Arts Commerce And Science College Ahmednagar on 13-14 February 2015.

<b>Awards</b>
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- Best poster presentation Awards in National Conference on Science and Technology for Human Development organized by ISCA-Aurangabad Chapter Pre Science Congress - 2014 on 30-31 December 2014

<b>Paper presented/Published</b>
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- Paper presented on “Kinetics and Mechanism of oxidation of atenolol in acid medium by

12-tungstocobaltate (III)”National Conference on “Indian Chemical Society” 92, Acharya Prafulla Chandra Road, Kolkata Organized by NITTR Bhopal (12-15 December 2012)

- Complex formation equilibria of zinc (II) ion with schiff bases as primary ligands and amino acids as secondary ligand Sunil G. Shankarwar, **Bhagwat B. Nagolkar**, Anil G. Shankarwar and Trimbak K. Chondhekar **Der Pharma Chemica**, 2014, 6(3):169-174.
- Synthesis and spectroscopic characterization of transition metal complexes of a 14 membered tetraaza [N<sub>4</sub>] macrocyclic ligand and their biological activity S. G. Shankarwar, **B. B. Nagolkar** and V. A. Shelke T. K. Chondhekar **Trade Science ICAJ** 9(3)2014 [095-101].
- Synthesis, spectral, thermal and antimicrobial studies of transition metal complexes of 14-membered tetraaza[N<sub>4</sub>] macrocyclic ligand. S. G. Shankarwar, **B. B. Nagolkar** V. A. Shelke T. K. Chondhekar **Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy Manuscript Number:** 145 (2015) 188–193.
- Potentiometric studies on mixed-ligand complexes of copper (II) with Schiff bases as primary ligands and amino acids as secondary ligands Shankarwar S.G, **Nagolkar B.B**, Sonone S.R and Chondhekar T. K. **Int. J. of Chem. and Pharmaceutical Sciences** Vol. 5 (1) 2014
- Synthesis and Characterization of Antimicrobial Activities of some Transition Metal Complexes of Asymmetrical Tetradentate Ligands. Borde V. L, **Nagolkar B. B**, Shankarwar S. G and Shankarwar A.G., **Res. J. Chem. Sci.** Vol. 5(5), 19-23, May (2015)
- Kinetics and mechanism of oxidation of semicarbazide by Keggin type 12 tungstocobaltate (III) in acidic medium **B. B. Nagolkar**, L. D. Chavan and S. G. Shankarwar **Der Pharmacia Sinica**, 2015, 6(10):31-37
- Environmentally benign synthesis of 1,8-dioxooctahydroxanthene derivatives using 10-molybdo-2-vanadophosphoric acid as an efficient and reusable catalyst under solvent-free condition, Laxmikant D. Chavan, **Bhagwat B. Nagolkar**, Trimbak K. Chondhekar, Sunil G. Shankarwar **Iranian Journal of Catalysis** 6(2), 2016,
- Kinetics and Mechanistic Study of Oxidation of Atenolol Drug in Acidic Medium by 12-Tungstocobaltate(III), **Bhagwat B. Nagolkar**, Laxmikant D. Chavan, Trimbak K. Chondhekar and Sunil G. Shankarwar, **Journal of Chemistry and Chemical Sciences**, Vol.6(1), 1-8, January 2016.

- Kinetics and Mechanistic Study of Oxidation of Nicotinic Hydrazide by wagh type Enneamolybdomanganate (IV) in perchloric acid medium, **Bhagwat B. Nagolkar**, Vashishtha M. Gurame, Trimbak K. Chondhekar and Sunil G. Shankarwar, **Int. J. Ind. Chem and Biotech**, Vol-2 Issue-1, Jan-Feb-2016.
- Kinetics and Mechanism of Oxidation of Guaifenesin by Keggin type 12 Tungstocobaltate (III) in Hydrochloric Acid, **B. B. Nagolkar**, V. M. Gurame, Chavan L. D. and S. G. Shankarwar, **Res. J. Chem. Sci.** Vol. 6(7), 1-5, July (2016).
- Preparation and Properties of Homo and Heterodinuclear Schiff Base Complexes of Cu (II) and Ni (II) by Inter-Complex Reaction. Mahananda A. Raut, **Bhagwat B. Nagolkar**, Sunil G. Shankarwar, Trimbak K. Chondhekar, **International Journal of ChemTech Research** Vol.10 No.4, pp 298-305, 2017.

## References

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[Dr. Nagolkar B.B.]



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नामांकन क्रम/ Enrolment No.: 1498/70067/08435

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**सूचना**

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- यह एक इलेक्ट्रॉनिक प्रक्रिया द्वारा बना हुआ पत्र है।

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