

# SHRI SHIVAJI COLLEGE OF ARTS COMMERCE & SCIENCE, AKOLA



## FACULTY PROFILE

1. Name of the Candidate : **DR.VANDANA BHAGWANDAS KHOBRAGADE**
2. Address (Residence) : 101, Swanand Mukta Apartment , Chitra Colony , Dastur Nagar , Amravati
3. Date of Birth : 4-10-1979
4. Designation: : Assistant Professor, Department of Chemistry,  
Shri Shivaji College of Arts, Commerce and Science, Akola.
5. Contact No. (Mobile) : 9175074095
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### 7. QUALIFICATION DETAILS:

Sr. No.	Exam / Degree	Name of University/ Board	Year of Passing	% of Marks	Division	Subject
1.	Ph.D	S.G.B. Amravati Univ.	2016	--	Notification: <b>date</b> <b>(17/Sept/2016)</b>	Chemistry
2.	M.Phil..	S.G.B. Amravati Univ	2009	61	First	Chemistry
3.	M. Sc.	S.G.B. Amravati Univ.	2006	68.20	First	Physical Chemistry
4.	B. Sc.	Amravati Univ. Amravati	2004	55.33	Second	Chm,Phy, Maths

- **Ph. D. 2016** Chemistry, **SANT GADGE BABA** Amravati University Amravati (M.S.), **TOPIC - SYNTHESIS OF SOME SUBSTITUTED PYRAZOLES AND PYRAZOLINES AND STUDIES OF THEIR PHYSICAL PROPERTIES.**

## **8. EXPERIENCE**

### **(A) TEACHING EXPERIANCE:**

- As a Contributory Lecturer, Department of Chemistry, Government Vidarbha Institute of Science & Humanities Amravati (M.S.) during Year 2006-2007, 2007-2008 & 2008-2009.
- As a Contributory Lecturer, Department of Chemistry, R..D.I.K. & K.D.College, Badnera, (M.S.) during academic year 2008-2009.
- As a Lecturer at Vidya Bharati Mahavidyalaya, Camp, Amravati w.e.f. 01.08.2011 to 30.11.2011.
- As a Pro - term Lecturer (Contract Basic) at Prof. Ram
- As a Lecturer (Contract Basis) at Govt. College of Engineering, Jalgaon w.e.f. 12.01.2010 to 29.08.2010.
- Meghe, Institute of Technology and Research, Badnera. w.e.f. 01.12.2011 to 30.04.2012
- As a Contributory Lecturer, Department of Chemistry, ARTS, COMMERCE & SCIENCE College, Kiran Nagar, Amravati during academic year 2013-2014 and 2014-2015.
- As a Contract basis Lecturer (Adhoc), P.G. Department of Chemistry, ARTS, COMMERCE & SCIENCE College, Kiran Nagar, Amravati during academic year 2015-2016, 2016-2017, 2017-2018, 2018-2019.

**Degree College : 12Years**

**Post Graduate : 05 Years**

- ### **(B) RESEARCH EXPERIANCE: 3 Years. Research experience in the field of Physical chemistry.**

**Guided to the M.Sc. Project** students for their dissertation in different field of chemistry like Study of physical properties of the complexes .

## 10. MEMBERSHIP

- 1) **Life Member** of Association of Chemistry Teachers (ACT), (LM No.1589).

## 11. PARTICIPATION IN SEMINARS/WORKSHOP/CONFERENCES

- 1) Poster presentation in National Conference on “Role of basic Sciences in Emerging Industrial Scenario” Jointly Organized by The Department of Engineering Sciences & ISTE, PRMIT & R Chapter held on 8<sup>th</sup> APRIL 2012 on topic “Ultrasonic studies on interaction of Benzoic acid, Salicylic acid and 4-hydroxy Benzoic acid in water-dioxane and water-DMF mixtures at 303.15 K”
- 2) Poster presentation in National Conference on “Role of basic Sciences in Emerging Industrial Scenario” Jointly Organized by The Department of Engineering Sciences & ISTE, PRMIT & R Chapter held on 8<sup>th</sup> APRIL 2012 on topic “Studies in the formation constant of UO<sub>2</sub>(II) and Th(IV) metal ion complexes with some substituted Benzothiazoles at 0.1M ionic strength.”
- 3) Attended 5 days workshop on Self-Financed Short Term Training Programme on **Modern Instrumental Method of Analysis for Diverse Applications: From Nanomaterials to Biology** during 22-26<sup>th</sup> Feb 2016, organized by Department of Chemistry, Visvesvaya National Institute of Technology, Nagpur
- 4) Participation in One Day National Seminar on Nanotechnology and Nanoengineering (NSNN-2016) held on 29<sup>th</sup> September 2016 organized by Department of Chemistry, Arts, Commerce and Science College, Kiran Nagar, Amravati.

Poster presented on the topics:

- i) “Studies in the formation constants of metal ion complexes with amino acid pH-metrically at 0.1 M ionic strength.”
- ii) “A spectrophotometric study of some Transition metal ions with some Amino acids in aqueous media.”
- iii) “UV-spectrophotometric method for the simultaneous determination of Spirin and Paracetamol in Tablets.”
- iv) “Daturainoxia : Medicine for Miscarriage and to increase level of Testosterone”
- v) “Synthesis and characterization of Ni(II) and Co(II) unsymmetrical Schiff base complexes.”

- 5) Poster presentation in “Innovative research in Science and Technology (NCIRST-2019)’, Organized by Dept. of Chemistry, Shri Shivaji College, Amravati, 17-18 December-2019, Topic: Study of Acoustical parameters of some substituted Pyrazolines in Methanol-water & Dioxane-water mixture at different temperature interferrometrically”, ISSN:2349-162.
- 6) Poster presentation in “Recent Advances in Physical and Mathematical Sciences(NCRAPMS-2020)’, Organized by Shri Shivaji College of Arts Commerce and Science, Akola, 18-January-2020. Topic: “Acoustical studies of some Amino acids in aqueous sucrose solution”

## 12. PUBLICATIONS

1. “Ultrasonic studies on interaction of Benzoic acid , Salicylic acid and 4-hydroxy Benzoic acid in water-dioxane and water-DMF mixtures at 303.15 K”. **V. B. Khobragade**, M. L. Narwade, S.S. Sonare and P. D.Sawalakhe. , Int. J.of Scientific Reviews & Chemical Communication, 2(3), 2012,526-531, ISSN-2277-2669.
2. “Studies in the formation costant of  $UO_2(II)$  and  $Th(IV)$  metal ion complexes with some substituted Benzothiazoles at 0.1M ionic strength.” **V.B.Khobragade**, S.S.Dhok, P.D.Sawalakhe, M.L.Narwade , Int.J. Of Scientific Reviews & Chemical Communication , 2(3), 2012,532-539, ISSN-2277-2669.
3. “Studies in metal –ligand stability constants of pyrazoles complexes with some lanthanide metal ions pH-metrically and spectrophotometrically.” **V.B.Khobragade**. M.L. Narwade,Int. J. Of Chemical & Pharmaceutical Research , 5(10), 2013,189-193, ISSN-0975-7384.
4. “Investigation by GC-MS analysis of Carica Papaya leaves.”**V.B.Khobragade**, R.D.Bankar, K.V. Kumbhalkar.

## 13. ROLE IN COLLEGE ACTIVITIES

Working as faculty in Critaria VII commetti of Shri Shivaji College of Art’s, Commerce and Science, Akola.