

Principal Profile



1. **Name in Full** : **DR. SUBHASH GULABRAO BHADANGE**
2. **Designation** : **Principal**
Shri Shivaji College of Arts, Commerce and Science, Akola.
3. **e-mail /Cell No.** : principal@shivajiakola.org/9960296136
4. **Educational Qualification** : B.Sc. (Hons.), M.Sc., M.Phil, Ph. D.
5. **Name of Department** : Chemistry (Inorganic Chemistry)
6. **Address for Correspondence** : “Ashirwad” Dwarka Nagri,
Behind Dr. Sonone’s Hospital, Akola.
7. **Date of Birth** : 26th June 1957.
8. **Teaching Experience** : 28 Years
9. **Awards** :
 - a) “Best Teacher Award” by Shri Shivaji Education Society, Amravati
 - b) “Eminent Educationist Award” by National and International Compendium, New Delhi.
10. **Fellowship** :
 - a) Award of Teacher fellowship for M.Phil. Under F.I.P. scheme by University Grant Commission, New Delhi, 1984-85.
 - b) Award of Teacher fellowship for Ph.D. under F.D.P. scheme by University Grant Commission, New Delhi, 1999-2001.
11. **Research Experience** :
 - a) Recognized Ph. D. Supervisor in Chemistry in the Faculty of Science.
 - b) One candidate completed Ph.D.
 - c) **Paper Published in Journals** : **15(Annexure I)**
 - d) **Papers Presented/Attended in Conferences/Seminars/Workshops** : **49(Annexure II)**

- 12. Books Written** : 03
- a) A Text Book of Inorganic Chemistry for B.Sc.I published by Bokey publication, Amravati.
 - b) A Text Book of Inorganic Chemistry for B.Sc.II published by Bokey publication, Amravati.
 - c) A Text Book of Inorganic Chemistry for B.Sc.III published by Bokey publication, Amravati.
- 13. Book Reviewed** : 02
- 1) A Text Book of Inorganic Chemistry for B.Sc.I published by Bokey publication, Amravati.
 - 2) A Text Book of Inorganic Chemistry for B.Sc.II published by Bokey publication, Amravati.
- 14. Refresher/Orientation Programs** :
- 1) Worked as a **Resource Person** for the Refresher Course in Chemical Sciences from 08/11/2005 to 28/11/2005 conducted by Sant Gadge Baba Amravati University, Amravati.
 - 2) Refresher Courses in Chemistry attended =03
 - 3) Summer Camps in Chemistry attended = 01
 - 4) National Service Scheme (N.S.S.) courses attended =02
- 15. Administrative Experience** :
- 1) Member, Vidyalaya Management Committee and Purchase Advisory Committee of Jawahar Navodaya Vidyalaya, Akola.
 - 1) Ex- Dean, Faculty of Science, Sant Gadge Baba Amravati University, Amravati (2002-2006)
 - 2) Ex- B. C. Member, Sant Gadge Baba Amravati University, Amravati.
 - 3) Ex- Executive Member, Shri Shivaji Education Society, Amravati.
 - 4) Worked as a Head, Department of Chemistry, Shri Shivaji College, Akot (1980 to 2005)
 - 5) Worked as a L.M.C. Member, Shri Shivaji College, Akot.
 - 6) Worked as a Chairman/Member, L.E.C. for various colleges of the University.

16. Examiner :

- 1) Worked as an External Examiner in Amravati University and other state Universities.
- 2) Worked as a Paper Setter for Amravati University and other state Universities.
- 3) Worked as a valuer for Amravati University and other state Universities.
- 4) Worked as a Co-officer at various centers of Amravati University.

17. Membership of various bodies of University :

- 1) Ex-member, Management Council 2001-2002.
- 2) Member, Board of Studies in Chemistry, Poona University, Pune.
- 3) Ex-member, Academic Council.
- 4) Ex-member, Finance Committee.
- 5) Member, faculty of Science, 1997-2007.
- 6) Ex-member, Doctoral Research Committee 1997-2002
- 7) Ex-member, Guide Recognition Committee 1999 - 2002.
- 8) Ex-member, 32/5 Examination Committee 1997-2007
- 9) Ex-member, Equivalence Committee 1997-2002.
- 10) Ex-member, Assessment Committee for College Teachers 1997-2002.
- 11) Ex-chairman/ Ex-member, Moderation Committee 1997–2002 and onwards
- 12) Ex-member, Senate.
- 13) Ex-dean, Faculty of Science.
- 14) Ex-chairman, Faculty of Science.
- 15) Ex-member, R.R.C
- 16) Ex-member, B.U.T.R.
- 17) Ex-member, Equivalence Committee
- 18) Ex-member, C.A.P.

19) Ex-member, Investment Committee.

20) Ex-chairman, Unassigned grant U.G.C

21) Member, Board of Studies in Chemistry, Faculty of Science, Sant Gadge Baba Amravati University Amravati.

22) Member, N.S.S advisory committee of Sant Gadge baba Amravati University, Amravati.

18. Membership of Learned societies :

1) Life member, Society for Promotion of Material Science, Nagpur.

2) Member, Indian Science Congress Association, Calcutta.

3) Member, Indian Council of Chemists, Agra.

4) Member, Indian Chemical Society. Calcutta.

5) President, NUTA Akola District.

6) President, Amravati University Chemistry Teachers' Association, Amravati(AUCTA)

7) Member. TREE.

8) Chief Organizer UGC Sponsored National Seminar on Current Trends in Chemical Sciences Research in Chemistry on 28th March 2008.

19. Other Academic Activities :

1) I.O.C.Member, National Conference in Shri Shivaji Science, College, Amravati (2004).

2) I.O.C. Member, National Conference in Department of Physics, Amravati University, Amravati (2004)

3) Member, Steering Committee of NAAC, Shri Shivaji College, Akot (2003).

4) Convener, 4th Annual Convention of AUCTA organized by Shri Shivaji College, Akot (1999).

5) I.O.C. Member, Political Science Conference organized by Shri Shivaji College, Akot (1990).

20. Co-curricular Activities :

- 1) Program Officer, National Service Scheme (1982).
- 2) Active participation in NSS activities since 1981.
- 3) Active participation in organizing Youth Festivals.
- 4) Organized Tree Plantation in Akot City under NSS Camp.
- 5) Active participation in organizing Science Club Programs.

21. Significant Contribution to Cause of Education besides Teaching and Research:

- 1) Reconstructed U.G. and P.G. Courses in Chemistry of Amravati University, Amravati.
- 2) Designed new curriculum for Industrial Chemistry and Petrochemical Sciences of Amravati University, Amravati.
- 3) Worked as a subject Expert on college teachers' selection committee.
- 4) Worked as a Coordinator of Remedial Courses.
- 5) Worked as a College Coordinator for U.G.C. Scheme, Shri Shivaji College, Akot.
- 6) Worked as a Member of Building Committee, Shri Shivaji College, Akot.
- 7) Organized Guest Lectures by persons of Eminence.
- 8) Active involvement in establishing, shaping and developing science faculty and in particular the chemistry department of Shri Shivaji College, Akot.

Papers Published / Accepted in National/ International Journals

1. Synthesis. Spectral & Magnetic Studies of Chelates of Mn (II), Co (II), Ni (II), Cu(II), Cd (II) & Hg(II) with 3-bromo-1-marcapta acctamido toluene J.Nagpur University (Sci). 1983-84 14-17.
2. Potentionmetric Studies on some Ternary Complexes of Nd (III) 1nd Chem. Soc. 1987, 123-124.
3. Structural & Conductivity Studies on Mn(II), Co (II), Ni (II), Cu (II), Zn (II) & Cd (II) Polychelates J. Ind. Chem. Soc. 74(9). 679,1997.
4. Structural Thermal & Electrical Studies on Cobalt, Nickel, Copper, Zinc & Cadmium (II) complex. J. Ind. Chem. Soc, 75, 1998, 395.
5. Structural Electrical & Conducting Studies on New Polychelates of Resdractophenone. 33rd Annual copy of Chem. combater ING – 26 Dec 95.
6. Thermo gravimetric Studies of some polymeric schiff base chelates. THERMANS, 12, 187, 2000.
7. Synthesis, Structural and Biological studies of Oxovanadium (IV) and Dioxouranium (VI) Chelates with Polymeric Schiff Bases (PSB), J. of Int. Academy of Physical Sciences, vol. 4 (2000) Nos.1-4, pp.75-78.
8. Synthesis & Characterization Mn (III), Fe(III), VO (IV), Th (IV) & UO(VI) Chelates of Polymeric Schiff base" Ind. J. Chem. Sect. A 40 A. Oct 2001. 1110 – 1113.
9. Synthesis and characterization polymeric schiff bases. Journal of the Indian Council of chemist Vol 19 No. 1, 2002. Page 8 – 11.
10. Thermal and Electrical studies of some Metal Complexes, Thermans 2002.
11. Synthesis...orthophenyla\nediamie Proc. Nat. ACAD. Sci.India" 73(A) (iv) 2003.
12. Electrical and Thermal properties of some metal chelates derived from polymeric schiff base. Transcation of the SAEST Vol.38, No.2"Apri June 2003, 79– 81.
13. Structural, Thermal, Biological and semi conducting prop of Mn(II), Fe(II), Co(II) , Ni(II),Cu(II) Zn(II) , Cd(II) and VO (IV) complexes Polish J.Chem. 77, 855-865(2003).
14. Synthesis chelate polymer Amravati University Research Bulletin 1 (2) 2003.
15. Synthesis & Thermal... Ligand Thermans 2004 Jan. 20- 22.

Papers Presented/Published/Participated in Conference / Seminars/ Workshops

1. 86th Session ISCA Chennai,199. Synthesis & Characterization of Fe(III), VO(IV), Zr(IV), Th(IV) & UO₂(VI) Polychelates of Polymeric Schiff base.
2. National Seminar on Analytical Methods in industry & Labs, Rohata, Mar – 99. Thermal Analysis of some polyschiff base chelates”
3. Int. conf. & 36th Annu Conv. Chemists, Calcutta, Dec – 99. Spectral, Thermal & Electrical Studies of some polymeric schiff base chelates Derived from – 4, 4 –dihydroxy-3,3-dibenzoyl-p-Phenylenediamines
4. 87th ISCA Pune, Jan – 2 Synthesis, Characterization & Antimicrobial Studies of Some Polyschiff base Chelates.
5. Nat symp & workshop on Thermal Anal. Gorakhpur, Mar –2000. Thermo Gravimetric Studies of Some Polymric Schiff base chelates.
6. ISCA. Synthesis, Physicochemical & Antimicrobial Studies of some polyschiff base Chelates.
7. 37th Annual convention of chemists. Hardwar. Synthesis & Characterization of some polymeric complexes.
8. 19th Annual conference of I.C.C. Shimoga. Antimicrobial Studies of Mn (III), Fe(III), VO (IV), Zr (IV), Th (IV) & UO₂ (VI) Chelates Derived From polyschiff base Ligands.
9. 3rd National symposium in chemistry Feb, 2 – 4, 2002Chandigarh. Synthesis, Characterization of Mn (III), Fe(III), Zr(IV), Th(IV), VO(IV) and UO₂(VI) chelates of polymeric schiff base.
10. 5th National conference of Indian society of Chemistry and Biologists, Agra, 2001.Synthesis Characterization and Biological activity of ox vanadium (IV) complexes of quadridentate Polyschiff Bases.
11. National conference of Electrochemists. Karaikudi, 2001. Electrical and Thermal properties of some polymeric schiff base chelates.
12. 32nd Annual convention of chemists – 1995. Structural studies on Mn(II), Co(II), Ni(II), Cu(II), Zn(II), Cd(II) chelates of 2, 4-Dihydroxyacetophenone – 5 - benzyl - dithiocarbazate.
13. Nat. conf. And symposium on solid state chem., & allied area, Dec, 2001 Kanpur Thermal and Electrical studies on some polymeric schiff base chelates.

14. ICC, 20th conference, Mysore Dec. 2001. Synthesis & characterization of 4, 4 – Dihydroxy 3, 3 – Dipropylbiphenyl – o – phenyl dine and its chelate4s with some Transition metal ions.
15. ISCA, Lucknow 2002. Synthesis and structural Dithiocarbazate complexes.
16. 4th National symp. In Chemistry, NCL– Pune 2002. Structural, Electrical Polymeric Schiff base chelates.
17. National Seminar on advanced material Gorakhpur 17 – 19 March 2002. Coordination Polymers of ions.
18. 21st I.C.C. Jabalpur Oct. 2002. Thermal and Electrical studies... Metal complexes.
19. National conference on Hydro chemical Biochemical Pollution 2002. Aurangabad,7-8 Oct 2002. Antimicrobial studies....Ligands.
20. I.S.C.A. Baglore Jan.2003. Electrical and Thermal properties of some metal Chalets derived from polymeric Schiff base.
21. Proc. 91st Sci. Conf. (I.S.C.A) 2004, Chandigarh. Synthesis.....Resdiacetophenone.
22. Proceeding of NSAM Feb 2004. 93-95. Synthesis..... Ligand.
23. Proceeding National symposium in current trends in inorganic chemistry March 15-17 2004.Dept of Chemistry Kochi. Synthesis Structural..... Chelate polymer.
24. Summer Institute in Chemistry for College Teachers (U.G.C.sponsored), Department of Chemistry, Nagpur University, Nagpur(Jun7-27,1982), Participated.
25. National symposium ium on High polymers & Coordination polymers Dept. of Chemistry, Nagpur University, Nagpur. (Feb,23-25,1989), Participated.
26. National Seminar on solid state Chemistry & applied are as, Institute of Science Nagpur (Jan28-30, 1991), Participated.
27. 32nd Annul convention of chemists, Jaipur (Dec. 26-29, 1995), participated.
28. National Seminar on Analytical methods in Industry & Labs,. Rohatak (Mar, 9- 10,1999), Participated.
29. National Seminar on Facets of Co-ordination Chemistry, Dept. of Chemistry, Nagpur University, Nagpur, (Apr.24, 1999), Participated.
30. International Conf. & 36th Annoy. Conv. Chemists, Calcutta (Dec. 11-16, 1999), Participated.
31. National Seminar on information Technology Current Trends. Amravati University, Amravati, (Jan 22-24,2000), Participated.

32. State level workshop sponsored d by U.G.C. [COHSSIP] News Delhi organized by Shri Shivaji College, Akot. 16th Dec. 1990, Participated.
33. Regional workshop on energizing curriculum for up gradation of standards of Amravati University, July 14-15, 2001, participated.
34. National Seminar on Eco friendly chemical Technologies in New Millennium, Dept Of Chemical Technology, Amravati University, Amravati (Feb.7 – 8, 2002), Participated.
35. State level work shop sponsored by U.G.C. on Microscale Techniques in Chemistry organized by P.G.Deptt. Of Chemistry Shri Shivaji Science College, Amravati. From Oct. 21-23. 2002, Participated.
36. Trends in life Sciences with special reference to wild life and conservation organized by post-graduate deptt. Of Zoology, Amravati University, Amravati. On (Nov.16-19, 2002), Participated.
37. Workshop on office management and computerization jointly organized by J. D. Higher Education, Amravati University, Amravati. On March 1, 2, 2002, Participated.
38. Regional level workshop on curriculum design -ing in Botany and Zoology organized by Jijamata Mahavidyaya, Buldhana. On Feb. 02, 2003, Participated.
39. National workshop on Municipal “Social waste Management organized Deptt. Of Microbiology Amravati University, Amravati. (July 25-26, 2003), Participated.
40. National Seminar on Advanced Materials (NSAM 2004) organized by Society for promotion of material science, Nagpur 1st Feb 2004, participated.
41. National Seminar on significant Trends of Research in Chemistry (U.G.C sponsored) Organized Department of Chemistry, Nagpur University, Nagpur 25th Feb 2004, Participated.
42. National Symposium and current trends in inorganic Chemistry March 15 – 17 2004 as Department of Chemistry Kochi. Participated.
43. National Conf on Higher education at Nagpur 22 Feb, 2004. Participated.
44. Participated in 93rd session of Indian science congress at Hyderabad, jan.3-7, 06.
45. Participated in National conference on Drug Designing and Synthesis 19th & 20th January 2007, Ambedkar College, Nagpur.
46. National Conference on Advanced Materials Department of Chemistry RTM Nagpur University, Nagpur, and 12th Feb.2007, Participated.
47. National Conference on Green Chemistry and its Perspective, Department of Chemistry Sant Gadge Baba Amravati University, Amravati, Feb. 11 & 12, 2008, Participated.

48. UGC Sponsored Regional Seminar on Recent Trends in Heterocyclic Compounds In Chemical, Medicinal and Pharmaceutical Sciences, Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya, Warud, Dist.Amravati. 2nd March 2008, Participated.
49. Attended "Workshop on information Technology for Principals /Academic Administrators" held 3rd to 6th June 2008 at UGC Academic Staff College, Maulana Azad National Urdu University, Gachibowl Hyderabad.
50. Chaired the session in National Conference on Advanced Material and Tchnology on 29-30 December 2009 at Shri Shivaji Education Society's Science College, Nagpur.
51. Attended conference at Brshitakali
52. Attended workshop on NAAC on 2nd January 2010 at Shri Shivaji Science College, Amravati.