

SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE, AKOLA.
Departmental Profile

1. Name of the Department : CHEMISTRY
2. Year of Establishment : UG : 1967
 PG : 1992
 Ph. D. : 2000
 Carrier Oriented Programme in Analytical Chemistry. 2006

3. Details of the staff members Senior College :

Name of the faculty members	Educational Qualification	Designation	Experience		Specialization
			Teaching	Research	
1. Dr. S. G. Bhadange	M. Sc., M. Phil., Ph.D.	Principal	29 Years	27 Years	Inorganic Chemistry
2. Dr. S. P. Deshmukh	M. Sc., Ph.D.	Vice-Principal & Head of Department	24 Years	27 Years	Organic Chemistry
3. Dr. S. K. Bhagat	M. Sc., M. Phil., Ph.D.	Associate Professor	22 Years	11 Years	Organic Chemistry
4. Dr. G. V. Korpe	M. Sc., Ph.D.	Assistant Professor	06 Years	09 Years	Organic Chemistry
5. Mr. K. N. Puri	M. Sc. (SET)	Assistant Professor	06 Years	02 Years	Organic Chemistry
6. Dr. R. E. Bhadange	M. Sc., Ph.D.	Assistant Professor	06 Years	09 Years	Organic Chemistry
7. Ms. S. K. Deshmukh	M. Sc., M. Phil.	Assistant Professor	04 Years	04 Years	Physical Chemistry
8. Dr. R. B. Mohod	M. Sc., Ph.D.	Assistant Professor	10 Years	08 Years	Inorganic Chemistry
9. Mr. G. D. Rawate	M. Sc. (NET, SET)	Assistant Professor	04 Years	02 Years	Inorganic Chemistry
10. Dr. G. W. Belsare	M. Sc., Ph.D.	Assistant Professor	03 Years	10 Years	Organic Chemistry
11. Mr. A. B. Sahare	M. Sc., M. Phil. (NET)	Assistant Professor	03 Years	03 Years	Analytical Chemistry
12. Dr. S. G. Badne	M. Sc., Ph.D.	Assistant Professor	02 Years	05 Years	Organic Chemistry

Details of the staff members Junior College:

Name of the faculty members	Educational Qualification	Designation	Teaching Experience	Specialization
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1. Mr. P. S. Patil	M.Sc. B. Ed.	Jr. College Teacher	29 Years	Inorganic Chemistry
2. Mr. V. B. Bhise	M.Sc. B. Ed. M. Phil.	Jr. College Teacher	29 Years	Physical Chemistry
3. Mrs. P. V. Kalmegh	M.Sc. B. Ed.	Jr. College Teacher	27 Years	Organic Chemistry
4. Mr. D. V. Sushir	M.Sc. B. Ed.	Jr. College Teacher	25 Years	Organic Chemistry
5. N. V. Nistane	M.Sc. B. Ed. M. Phil.	Jr. College Teacher	02 Months	Organic Chemistry

4. Details of administrative / technical staff :

Sr. No.	Name of Technical Staff	Qualification	Designation
1.	Mr. D. N. Nage	S.S.C.	Laboratory Assistant
2.	Mr. R. H. Ingle	H. S.C.	Laboratory Attendant
3.	Mr. D. B. Deshmukh	S.S.C.	Laboratory Attendant
4.	Mr. V. R. Bakhare	S.S.C.	Laboratory Attendant
5.	Mr. D. A. Dokhe	S.S.C.	Laboratory Attendant
6.	Mr. D. G. Bhagat	B. A.	Laboratory Attendant
7.	Mr. G. R. Solanke	S.S.C.	Laboratory Attendant
8.	Mr. S. M. Raveskar	H. S.C.	Laboratory Attendant

5. Student profile to programmes:

Course	Men	Women	Total	Demand ratio
B. Sc.	292	205	497	1:2
M. Sc.	11	29	40	1:5
Ph. D.	04	01	05	----

6. Success rate of each programme, its comparison with University results, Merit list

Programme	2004-05	2005-06	2006-07	2007-08	2008-09
B.Sc.	68.59%	77.14%	60.53%	63.47%	67.13%
M.Sc.	88.23%	100%	95.00%	85.71%	95.45%

- The success rate of B.Sc. students in SGB Amravati University, Amravati examination is quite high compared to the University overall B.Sc. overall result.
- The success rate of PG course in Chemistry as shown in table above for last five years is quite high compared to the University overall PG result of Chemistry.
- The dropout rate of PG is zero.

7. Number of faculty members on University Bodies / and other academic bodies and social organizations. Their role in curriculum designing and college development.

Faculty Member	University Bodies/ Academic bodies/ Social organizations
Dr. S. G. Bhadange	Member, BOS in Chemistry, SGB Amravati University, Amravati.
Dr. S. P. Deshmukh	Chairman, BOS in Chemistry, SGB Amravati University, Amravati.

The syllabus of the UG and PG courses are designed by SGB Amravati University, Amravati. The syllabus of UG was revised in 2005-06 and P.G in 2007-08 with semester pattern being introduced for P.G. Both of these faculty members have active contribution in reframing the syllabus.

8. Learning resources of Department (Laboratories, Computers / Internet / Departmental library etc.)

- Departmental Laboratories: Separate Laboratories for U.G., P.G. and Research.
- Computers / Internet - Seven Systems with broad band connectivity.
- Departmental library with more than 250 Titles.
- Seminar hall with audio-visual facility of DVD player, LCD projector and OHP (Over head projector) for large scale display.

9. Enhancement of the resource during last five years.

- Internet and audio visual facility is the addition during this period.
- New laboratory for Physical Chemistry & research.
- Seminar hall, separate room for departmental library and Internet has been made available for the students and faculty.
- Study tours are conducted every year to visit national research laboratories and industries to make the students aware of the developments occurring in the present day environment.
- Guest Lectures of Specialist Scientist and teachers in fields related to chemical sciences are arranged under the auspicious of Chemical Society.

10. Modern teaching methods.

- The faculty members actively make use of audio visual aids to make the teaching learning process more effective. Along with books the faculty members also make use of internet in up gradation of their teaching material. With the modern audiovisual aids the faculty members also make use of models and charts in the process of teaching. To make the teaching learning process more efficient the students are encouraged to deliver seminars and participate in group discussion, quiz competitions etc.

11. [Faculty members participated in National and International Conferences / workshops / seminars etc.](#)

Name of Faculty	Name of Conference Attended	Participated/ Paper - Poster Presented	Level National /International
DR. S. G. Bhadange	1. 86 th Session ISCA Chennai, 1999.	Synthesis & Characterization of Fe(III), VO(IV), Zr(IV), Th(IV) & UO ₂ (VI) Polychelates of Polymeric Schiff base	International
	2. National Seminar On Analytical Methods in industry & Labs, Rohata, Mar – 99.	Thermal Analysis of some polyschiff base chelates”	National
	3. Int. conf. & 36 th Annual Convention of Chemists, Calcutta, Dec – 99.	Spectral, Thermal & Electrical Studies of some polymeric schiff base chelates Derived from – 4, 4 – dihydroxy - 3, 3 – dibenzoyl – p - Phenylenediamies	National
	4. 87 th ISCA Pune, Jan – 2	Synthesis, Characterization & Antimicrobial Studies of Some Polyschiff base Chelates	International
	5. Nat symposium & workshop on Thermal Analysis. Gorakhpur, Mar –2000.	Thermo gravimetric Studies Of Some Polymric Schiff base chelates	National
	6. ISCA.	Synthesis, Physicochemical & Antimicrobial Studies of some polyschiff base chelates	International
	7. 37 th Annual convention of chemists. Hard war.	Synthesis & Characterization of some polymeric complexes	National
	8. 19 th Annual conference of I.C.C. Shimoga.	Antimicrobial Studies of Mn (III), Fe (III), VO (IV), Zr (IV), Th (IV) & UO ₂ (VI) Chelates Derived From polyschiff base legends.	National
	9. 3 rd National symposium in chemistry Feb, 2 – 4, 2002Chandigarh.	synthesis, Characterization of Mn (III), Fe(III), Zr(IV), Th(IV), VO(IV) and UO ₂ (VI) chelates of polymeric schiff base	National
	10. 5 th National conference of Indian society of Chemistry and	Synthesis Characterization and Biological activity of ox	National

Biologists, Agra, 2001.	vanadium (IV) complexes of quadridentate Polyschiff Bases.	
11. National conference on Electrochemists. Karaikudi, 2001.	Electrical and Thermal properties of some polymeric schiff base chelates.	National
12. 32 nd 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].	National
13. National conference And symposium on solid state chemistry, & allied area, Dec, 2001 Kanpur.	Thermal and Electrical studies on some polymeric schiff base chelates.	National
14. ICC, 20 th conference, Mysore Dec. 2001.	Synthesis & characterization of 4, 4 – Dihydroxy 3, 3 – Dupropylbiphenyl – o – phenyl dine and its chelate4s with some Transition metal ions.	
15. ISCA, Lucknow 2002.	Synthesis and structural Dithiocarbazate complexes.	
16. 4 th National symp. In Chemistry, NCL– Pune 2002.	Structural, Electrical Polymeric Schiff base chelates.	
17. Nat Seminar on advanced material Gorakhpur 17 – 19 March 2002.	Coordination Polymers of ions.	
18. 21 st 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.	National
20. I.S.C.A. Bangalore Jan.2003.	Electrical and Thermal properties of some metal chalets derived from polymeric schiff base.	International
21. Proc 91 st Sci Conf. (I.S.C.A) 2004, Chandigarh.	Synthesis – Resdiacetophenone .	International

22. Proceeding of NSAM Feb 2004. 93-95.	Synthesis..... Ligand	National
23. Proceeding National symposium in current trends in inorganic chemistry March 15 - 17 – 2004. Dept of Chemistry Kochi.	Synthesis Structural..... Chelate polymer.	National
24. Summer Institute in Chemistry for College Teachers (U.G.C. sponsored), Department of Chemistry Nagpur University, Nagpur (Jun7-27, 1982).	Participated	National
25. National symposium on High polymers & Coordination polymers Dept. of Chemistry, Nagpur University, Nagpur. (Feb, 23 - 25 1989),	Participated	National
26. National "Seminar on solid state Chemistry & applied areas, Institute of Science Nagpur (Jan28-30, 1991).	Participated	National
27. 32 nd Annual convention of chemists, Jaipur (Dec.26-29, 1995).	Participated	
28. National Seminar on Analytical methods in Industry & Labs. Rohatak (Mar, 9 -10, 1999),	Participated.	National
29. National Seminar on Facets of Co-ordination Chemistry Department of Chemistry, Nagpur University, Nagpur, (Apr.24, 1999) .	Participated.	National
30. International Conf. & 36 th Annoy. Conv. Chemists, Calcutta (Dec. 11-16, 1999).	Participated.	International
31. National Seminar on information Technology Current Trends. Amravati University, Amravati, (Jan 22-24, 2000).	Participated.	National
32. State level workshop sponsored by U.G.C. [COHSSIP] News Delhi organized by Shri Shivaji College, Akot. 16 th Dec. 1990.	Participated.	National
33. Regional workshop on energizing curriculum for up	Participated.	National

graduation of standards of Amravati University, July 14-15, 2001.		
34. National Seminar on Eco friendly chemical Technologies in New Millennium, Dept Of Chemical Technology Amravati University Amravati (Feb.7-8, 2002).	Participated.	National
35. State level workshop 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.	National
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.	National
37. Workshop on office management and computerization jointly organized by J. D. Higher Education, Amravati University, Amravati. On March 1, 2, 2002.	Participated.	National
38. Regional level workshop on curriculum designing in Botany and Zoology Organized by Jijamata Mahavidyalya, Buldhana, on Feb. 02, 2003.	Participated.	National
39. National workshop on Municipal "Social waste Management organized Deptt. of Microbiology Amravati University, Amravati. (July 25 - 26, 2003).	Participated.	National
40. National Seminar on Advanced Materials (NSAM 2004) organized by Society for promotion of material science, Nagpur 1 st Feb 2004.	Participated.	National
41. National Seminar on significant Trends of	Participated.	National

Research in Chemistry (U.G.C sponsored) Organized Deptt. of Chemistry, Nagpur University, Nagpur 25 th Feb 2004.		
42. National Symposium and current trends in inorganic Chemistry March 15 – 17 2004 as Department of Chemistry Kochi.	Participated.	National
43. National Conf on Higher education at Nagpur 22 Feb, 2004.	Participated.	National
44. 93 rd session of Indian science congress at Hyderabad, jan. 3-7, 06.	Participated.	National
45. National conference on Drug Designing and Synthesis 19 th & 20 th January 2007, Ambedkar College, Nagpur.	Participated.	National
46. National Conference on Advanced Materials Department of Chemistry RTM Nagpur University, Nagpur, and 12th Feb.2007.	Participated.	National
47. National Conference on Green Chemistry and its Perspective, Department of Chemistry Sant Gadge Baba Amravati University, Amravati, Feb. 11 & 12, 2008.	Participated.	National
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 2 nd March 2008.	Participated.	National
49. Workshop on information Technology for Principals Academic Administrators held 3 rd to 6 th June 2008 at UGC Academic Staff College, Maulana Azad National Urdu University, Gachibowl Hyderabad.	Participated.	National

Dr. S. P. Deshmukh	1. Annual Convention of Chemists, Chennai. December 1981.	Preparation of certain 1 – aryl – 3 – tetra – O – acetyl – D - glucopyranosyl thiocarbamides, Paper No. ORG (p) – 65.	National
	2. National Seminar on Heterocyclic Chemistry in nature and Industry organized by Department of Chemistry, Nagpur University, Nagpur, October, 1988.	New Synthetic nucleosides: preparation of acetylated β – D - glucopyranosyl Hectors basses, Paper no C-4.	National
	3. 78 th session of Indian Science congress at Indore, Jan, 1991.	Synthesis and antibacterial, antifungal activities of 4 – aryl - 3 - arylimino- 5 – imino -1, 2, 4-thiadiazolidines and N – phenyl – O -alkyl carbamates, Paper No. 138.	International
	4. 79 th session of Indian science congress at Vadodara, Jan. 1992.	Synthesis and spectral studies of 4 – aryl – 3 – arylimino – 5 - imino 1, 2, 4 thiadiazolidines and N-phenyl – O - alkyl carbamates, Paper no. 83.	International
	5. 80 th session of Indian Science Congress at Panji (Goa), Jan, 1993.	Oxidative debenzoylation and cyclization reactions in certain 1 – Aryl – 5 – Phenyl – 2 – S – benzyl – 2 -isothiobiurests, Paper No. 161.	International
	6. 81 st session of Indian Science Congress at Jaipur, Jan. 1994.	Synthesis and Antibacterial activities of 1 – Phenyl – 3 – Substituted benzothiazolyl carbamides, Paper No. 121.	International
	7. Participated in national seminar on facts of co-ordination chemistry on 24 th April, 1999 organized by department of chemistry, Nagpur University.	Participated	National
	8. 88th session of Indian science congress at New Delhi, jan.2001.	Synthesis of certain S – tetra – O – benzoyl – D - glucopyranosyl aryl isothiocarbamides	International
	9. 89th session of Indian science congress at Lucknow , Jan.2002.	Synthesis of N - glucopyranosyl	International

		thiocarbamates and their antimicrobial activity, paper No.27, paper No.106.	
10. Participated in UGC sponsored state level work shop on micro scale technique in chemistry organized by post graduate department of chemistry shri shivaji Science College, Amravati. From 21 st to 23 rd October 2002.	Participated		National
11. 90 th session of Indian Science congress at Bangalore, Jan – 3 to 7, 2003.	Debenzylation and Cyclization reaction of certain 1 – aryl – 5 – tetra – O – benzoyl – β – D – Glucopyranosyl – 2 – S – benzyl – 2, 4 – isodithiobiurets : Direct Synthesis of 3 – tetra – O - benzoyl – β – D – glucopyranosylimino – 5 – arylimino – 1,2,4 – dithiazolidines and their antimicrobial studies.		International
12. 91 st session of Indian science congress at Chandigarh, jan.2004.	Synthesis of 1 – hepta – O – acetyl – β – D – lactosyl - 3 - aryl thiocarbamides, paper No.72.		International
13. UGC sponsored National conference on emerging trends in chemical science in new millennium, Shri Shivaji Science College Amravati (M.S), Feb, 2004.	On thiolactosides: Synthesis of S – Hepta – O - acetyl lactosyl aryl dithiocarbamates, paper no.O-15, 5-7.		National
14. Participated in seminar on “Significant trends of research in chemistry” UGC sponsored held at chemistry department Nagpur University, Nagpur, on Feb 29 th 2004.	Participated		National
15. Participated in two day National Workshop on green chemistry organized by Indian Institute of Chemical technology and D.S.T. at Hyderabad, 24 th – 25 th Sept. 2004.	Participated		National

16. 92 nd session of Indian science congress at Ahmadabad,, jan.2005.	Synthesis of 1 – aryl – 5 – hepta – O – acetyl - β - D - lactosyl-2-S-benzyl-2, 4- isodithiobiurets, paper No.05.	International
17. Participated in the university level seminar “organized by Akola Law college Akola on 7 th .”	On the role of teachers in the chemistry scenario of higher education	National
18. 93 rd session of Indian science congress at Hyderabad, jan.2006.	Synthesis of 3 – aryl – 2, 6 – diphenylimino – 4 – S – hepta – O - acetyl lactosyl - 2, 3 – dihydro - 1, 3, 5 - thidiazines hydrochlorides	International
19. Proceeding of the 43 rd annual convention of chemist, Dec. 23 - 27, 2006.	Synthesis of S – Tetra – O – acetyl - β - D – galactosyl – 1 - aryl isothiocarbamides. Paper No. ORG (op) 6.	National
20. National conference on Drug Designing and Synthesis 19 th & 20 th January 2007, Ambedkar College, Nagpur.	Synthesis of N - lactosylated isothiobiurets.	National
21. 94 th session of Indian science congress at Annamalainagar, Chidambaram, January 3-7, 2007.	Synthesis of N and S Lactosylated Isothiobiurets, paper No.102.	International
22. National Conference on Advanced Materials Department of Chemistry RTM Nagpur University, Nagpur, and 12th Feb.2007.	Participated	National
23. 5 th National Symposium and conference on solid state chemistry and Allied areas, Nagpur, 27 – 29 Nov, 2007.	Synthesis of S – tetra – O – acetyl – galactosyl – 1 , 5 – disubstiuted – 2 , 4 – isodithobiurets.	National
24. International Conference of Drug Discovery and Nanotechnology, Yeshwant Mahavidyalaya, Nanded, 27 – 29 Jan, 2008.	Synthesis of 4 – aryl – 5 – phenylimino – 2 – S – tetra – O – acetyl galactosyl 1 , 2,4 – dithiazolidines.	International
25. National Conference on Green Chemistry and its Perspective, Department of Chemistry Sant Gadge Baba Amravati University, Amravati, Feb. 11 & 12, 2008,	Synthesis of S - Glucosyl and N - Galactosyl Isodithiobiurets.	National
26. UGC Sponsored Regional Seminar on Recent Trends in	Synthesis of 2 – Phenylimino – 3 – Aryl – 4	National

	Heterocyclic Compounds in Chemical, Medicinal and Pharmaceutical Sciences, Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya, Warud, Dist. Amravati 2 nd March 2008.	– S – benzyl – 6 - Hepta - O - β - Lactosyl – imino - 2,3 –Dihydro - 1,3,5 – Thiadiazine Hydrochlorides.	
	27. National Seminar on Current Trends in Chemical Sciences Research. Shri Shivaji College of Arts, Commerce and Science, Akola. 28 th March 2008.	Participated	National
	28. 3 rd National Conference on Thermodynamics of Chemical and Biological Systems, The Indian Thermodynamic Society And R.T.M. Nagpur University, Nagpur, 16-17 Oct. 2008.	Synthesis of some Novel Acetylated Glucosyl N - Carbamides, N - Carbamates.	National
	29. 45 th Annual Convention of Chemist, Karnatak University, Dharwar, 23 rd to 27 th Nov. 2008.	Participated	National
	30. National Conference on Recent Advances in Chemical Research. Department of Chemistry University College of Science, Osmania University, Hyderabad, 6-7 Feb. 2009.	Synthesis of some Novel Acetylated Maltosyl N - Carbamides, N - Carbamates.	National
Dr. S. K. Bhagat	1. 88 th session of Indian science congress at New Delhi, jan.2001.	Synthesis of certain S – tetra – O – benzoyl – D - glucopyranosyl aryl isothiocarbamides, paper No.106.	International
	2. 89 th session of Indian science cong -ress at Lucknow, jan.2002.	On Glucosyl thiourides: Synthesis , Antibacterial and Antifungal studies of certain – 2 – S - tetra-O- benzoyl - D – glucopyranosyl -1, 5 – disubstituted – 2 – 4 – Isodithiobiurets, paper No.44.	International
	3.UGC sponsored National conference on emerging trends in chemical sciences in new mellenium, Shri Shivaji Science College Amravati (M.S), Feb,2004.	Participated	National

	4. Advanced materials, National seminar, Department of Chemistry R. T. M. Nagpur University, Nagpur 2007.	Participated	National
	5. Drug designing and synthesis, DR.Ambedkar College, deeksha boomi, Nagpur, 2007, National.	Participated	National
	6. International Conference on Drug Discovery and Nanotechnology, January 27 - 29, 2008.Yeshwant Mahavidyalaya, Nanded.	Participated	International
	7.National Conference on Green Chemistry and its Perspective, Department of Chemistry Sant Gadge Baba Amravati University, Amravati, Feb. 11 & 12, 2008,	Synthesis of S - Glucosyl and N - Galactosyl Isodithiobiurets.	National
	8. 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 2 nd March 2008.	Participated	National
	9. National Seminar on Current Trends in Chemical Sciences Research. Shri Shivaji College of Arts, Commerce and Science, Akola. 28 th March 2008.	Participated	National
DR.G.V. Korpe	1. 88 th session of Indian Science congress at Delhi, Jan. 3 to 7, 2001.	Synthesis of 1 – tetra – O – benzoyl – D – glucopyranosyl – 3 – Aryl/H Thiocarbamides.	International
	2. 89 th session of Indian science congress at Lucknow, Jan 3 to 7, 2002.	Synthesis of N – glucopyranosyl thiocarbamates and their antimicrobial activity.	International
	3. 90 th session of Indian Science congress at Bangalore, Jan – 3 to 7, 2003.	Debenzylation and Cyclization reaction of certain -1 – aryl – 5 – tetra – O – benzoyl – β – D – Glucopyranosyl – 2 – S – benzyl – 2, 4 – isodithiobiurets : Direct	International

		Sythesis of 3 – tetra – O-benzoyl – β – D – glucopyranosylimino – 5 – arylimino – 1,2,4 – dithiazolidines and their antimicrobial studies.	
	4. 91 th session of Indian Science Congress at Chandigarh, Jan 3 to 7 2004.	Synthesis and a antimicrobial activity of 2 - terbutyl imino – 3 – tetra – O – benzoyl - β D - glucopyranosyl –4 – S – benzyl – 6 – arylimino - 2,3–dihydro-1,3,5 - thiodiazine hydrochlorides.	International
	5. UGC sponsored National conference on emerging trends in chemical sciences in new mellenium, Shri Shivaji Science College Amravati (M.S), Feb, 2004.	Participated	National
	6.93 rd session of Indian science congress at Hyderabad, jan.2006.	Participated	International
	7. Advanced materials, National seminar, Department of Chemistry R.T.M. Nagpur University, Nagpur, 2007.	Participated	National
	8. National Work shop on Green Chemistry at NEERI, Nagpur.	Participated	National
	9. National Conference on Green Chemistry and its Perspective, Department of Chemistry Sant Gadge Baba Amravati University, Amravati, Feb. 11 & 12, 2008,	Synthesis of S - Hepta - O - Benzoyl Lactosyl Aryldithiocarbamates.	National
	10. 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 2 nd March 2008.	Synthesis of S - Hepta – O – Benzoyl – Lactosyl Aryliscothiocarbamides.	National
	11. National Seminar on Current Trends in Chemical Sciences Research. Shri Shivaji College of Arts, Commerce and Science,	Participated	National

	Akola. 28 th March 2008.		
	12. National Conference on Recent Advances in Chemical Research. Department of Chemistry University College of Science, Osmania University, Hyderabad, 6 - 7 Feb. 2009.	Synthetic Methods of Some Peracetylated Thiogalactosides with their Antimicrobial Properties.	National
Mr. K. N. Puri	1. Drug designing and synthesis, DR. Ambedkar College, deeksha boomi, Nagpur, 2007, National.	Participated	National
	2. International Conference on Drug Discovery and Nanotechnology January 27 - 29, 2008. Yeshwant Mahavidyalaya, Nanded.	Design, synthesis and Predicted Biological Activities of 10 - Ethyl - carboxylate- 15 – imino – 14(H) Benzo –thiazole [2,3-B] Pyrimido [5,6-E] Pyrimido [2,3-B] Benzothiazole and its 3-substituted derivatives.	International
	3. Advanced materials, National seminar, Department of Chemistry R.T. M. Nagpur University, Nagpur, 2007.	Participated	National
	4. National Seminar on Current Trends in Chemical Sciences Research. Shri Shivaji College of Arts, Commerce and Science, Akola. 28 th March 2008.	Participated	National
	5. State level seminar on Metal pollution, Science College, Pauni. August 31 st 2008.	Participated	State
	6. National Conference on Recent Advances in Chemical Research. Department of Chemistry University College of Science, Osmania University, Hyderabad, 6-7 Feb. 2009.	Participated	National
DR. R. E. Bhadange	1. Advanced materials, National seminar, Department of Chemistry R. T. M. Nagpur University, Nagpur, 2007.	Participated	National
	2. National Work shop on Green Chemistry at NEERI, Nagpur.	Participated	National
	3. National Conference on Green Chemistry and its Perspective, Department of Chemistry Sant	Participated	National

	Gadge Baba Amravati University, Amravati, Feb. 11 & 12, 2008,		
	4. 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 2 nd March 2008.	Participated	National
	5. National Seminar on Current Trends in Chemical Sciences Research. Shri Shivaji College of Arts, Commerce and Science, Akola. 28 th March 2008.	Participated	National
	6. National Conference on Recent Advances in Chemical Research. Department of Chemistry University College of Science, Osmania University, Hyderabad, 6 - 7 Feb. 2009.	A Contribution in The Synthesis of Anti-Microbial Study of 3, 5 Diaryl - 4 Aryl - 1 – Benzoyl Pyrazoles.	National
DR. R. B. Mohod			
	1. 32 nd Annual Convention of Chemists Jaipur, ING(OP)-34 (1995).	Coordination polymers derived from dihydroxydi - benzoyl biphenyl; butanedione dihydrazone	National
	2. 83 rd session of Indian Science Congress, Patiala, ING 1995	Synthesis and characterisation of Manganese (II) , Cobalt (II) , Nickel (II) , Copper (II) Zinc (II) and Cadmium (II) polychelates of 4,4, - dihydroxy – 3 - 3'dipropoxybiphenyl butanedione dihydrazone	International
	3. National Symposium on Metalloorganic Chemistry, Gorakha - pur (1997).	Synthesis and physicochemical studies of chelate polymers derived from 4,4' – dihydroxy – 3 – 3' – dipropoxybiphenyl-p-phenylenediamine.	National
	4. ANACONE, Mumbai p-16 (1998).	Thermal decomposition studies of polyschiff base chelates.	National
	5. 2 nd Annual Convention of Int. Acad. Phys.	Synthetic, magnetic,	National

Sci., Bilaspur(1998).	spectral and thermal studies of some polychelates.	
6. 35 th Annual Convention of Chemists, DharwadING-(OP)(1998).	Thermal and spectral studies of divalent metal chelates of polymeric Schiff base (PSB).	National
7. 17 th Conference of Indian Council of Chemists, 10-8, Chennai (1998).	Structural, electrical and antimicrobial studies of some coordination polymers.	National
8. THERMANS, 159(1998).	Thermal studies of some transition metal chelates of polyschiff base(PSB).	National
9. 86 th Session of Indian Science Congress Association, Madras 1999.	Synthesis and characterization of Iron(II), Oxovanadium(IV), Zirconium(IV), Thorium(IV) and uranium(VI) polychelates of polymeric Schiff Base.	International
10. National Seminar on polymer (1999).	Structural and electrical properties of some polymeric Schiff chelates.	National
11. National seminar on analytical methods in Labs. And Industry, R-10, Rohtak (1999).	Thermal analysis of some polyschiff base chelates.	National
12. National Symposium/ conference on solid state and Allied center Jammu(1999).	Synthesis and charecterisation of polychelates with polymeric ligands derived from dihydroxyketone schiffbases.	National
13. Annual Convention of electro - chemistry, Surat (1999).	Electrical properties of some polyschiff base chelates.	National
14. International Conference on Chemistry and 36 th Annual Convention of Chemists Calcutta (1999).	Spectral, thermal and electrical studies of some polymeric Schiff base chelate derived from 4, 4'-dihydroxy-3,3'-dibenzoylbiphenyl-O-phenylenediamine.	Inter -national
15. THERMANS, 185(2000).	Thermogravimetric studies of some polymeric Schiff base chelates.	National

	16. 87 th Session of Indian Science Congress Association, Pune (2000).	Synthetic, characterization and antimicrobial studies of some polyschiff base chelates.	Inter -national
	17. 37 th Annual Convention of Chemists, ING (OP) - 24, Hard – war (2000).	Synthesis, charecterisation and biological studies of some polyschiff base chelates.	National
	18. Third National Symposium in Chemistry, Chandigarh (2001).	Synthesis and charecterisation of Maganese(III), Iron(III), Oxovanadium (IV), Zirconium(IV) ,Thorium(IV) and Dioxouranium(VI) chelates of polymeric Schiff Base (PSB).	National
	19. 88 th Session of Indian Science Congress Association, Delhi (2001).	Synthetic, structural, thermal and electrical studies of some transition metal polymeric chelates.	International
	20. 39 th Annual Convention of Chemist, Nagarjunnagar (2002).	Synthesis and characterization of some transition metal chelates of polyschiff base (PSB).	National
	21. 40 th Annual convention of chemists, Jhansi 2003.	Structural and Thermal Studies of Mn(II), Co(II), Ni(II), Cu(II), Zn(II) and Cd(II) chelate polymers of bis (mercaptoacet -amido)-diaminophenylmethane.	National
	22. National conference on emerging Trends in chemical sciences in the New Millennium, I - 4, Amravati 2004.	Synthetic, structural, electrical and antimicrobial studies of some polychelates.	National
	23. National Seminar on Advanced Materials at Kamla Nehru Mahavidyalya Nagpur on 1 st Feb. 2004.	Participated	National
	24. National Seminar on Autonomy and Accreditation of Technical Institutions Global Perspectives SSGM College of Eng. Shegaon on 29 th Feb 2004.	Participated	National
	25. Advanced materials, National seminar, Department of Chemistry R. T.M. Nagpur University,	Participated	National

	Nagpur, 2007.		
	26. International conference on Drug Discovery and Nanotechnology, Nanded 2008.	Synthetic and Antimicrobial studies of some polychelates.	Inter -national
	27. National Conference on Green Chemistry and its Perspective, Department of Chemistry Sant Gadge Baba Amravati University, Amravati, Feb. 11 & 12, 2008,	Study of Synergistic effect of metal and their Pharmaceutical complexes on Agricultural Byproducts.	National
	28. UGC Sponsored Regional Seminar on Recent Trends in Heterocyclic compounds in Chemical, Medicinal and Pharma –ceutical Sciences, Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya, Warud, Dist. Amravati 2 nd March 2008.	Participated	National
	29. National Seminar on Current Trends in Chemical Sciences Research. Shri Shivaji College of Arts, Commerce and Science, Akola. 28 th March 2008.	Participated	National
	30. National Conference on Recent Advances in Chemical Research. Department of Chemistry University College of Science, Osmania University, Hyderabad, 6-7 Feb. 2009.	Structural and Electrical studies on Mn(II), Co(II), Ni(II), Cu(II), Zn(II), and Cd(II) polychelates with bis (mercaptoacetamido) diaminophenyl methane.	National
Ku. S. K. Deshmukh	1. National Workshop on Radio Chemistry and Applications of Radioisotopes. RTM Nagpur University, Nagpur and Indian Association of Nuclear Chemists and Allied Scientists.	Participated	National
	2. Advanced materials, National seminar, Department of Chemistry R. T. M. Nagpur University, Nagpur, 2007.	Participated	National
	3. State level workshop on Advanced Shri Shivaji Science College, Nagpur Date :- 09/10/2007 State level	Participated	National
	4. National Seminar on Current Trends in Chemical Sciences Research. Shri Shivaji College of	Participated	National

	Arts, Commerce and Science, Akola. 28 th March 2008.		
	5. 3 rd National Conference on Thermodynamics of Chemical and Biological Systems, The Indian Thermodynamic Society and R.T.M. Nagpur University, Nagpur 16-17 Oct. 08.	Synthesis of some Novel Acetylated Glucosyl N - Carbamides, N - Carbamates.	National
	6. National Conference on Recent Advances in Chemical Research. Department of Chemistry University College of Science, Osmania University, Hyderabad, 6 - 7 Feb. 2009.	Synthesis and Structural Studies of Sugar Heterocycles.	National
DR. G. W. Belsare	1. Second global congress on cosmetic technologies at Belgaum 2004.	Participated	International
	2. Advanced materials, National seminar, Department of Chemistry R. T. M. Nagpur University, Nagpur, 2007.	Participated	National
	3. International Conference on Drug Discovery and Nanotechnology, January 27 - 29 2008. Yeshwant Mahavidyalaya, Nanded.	Participated	International
	4. 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 2 nd March 2008.	Participated	National
	5. National Seminar on Current Trends in Chemical Sciences Research. Shri Shivaji College of Arts, Commerce and Science, Akola. 28 th March 2008.	Participated	National
	6. State level seminar on Metal pollution, Science College, Pauni. August 31 st 2008.	Participated	State
	7. National Conference on Recent Advances in Chemical Research.	Participated	State

	Department of Chemistry University College of Science, Osmania University, Hyderabad, 6 - 7 Feb. 2009.		
Mr. A. B. Sahare	1. Conference Frontiers of Environmental Science & Engineering in India, 15 th to 17 th Sep. 2005.	Participated	National
	2. One Day Workshop on Syllabus in Chemistry, 28 th March 2008, RTM Nagpur University, Nagpur.	Participated	University
	3. National Seminar on Current Trends in Chemical Sciences Research. Shri Shivaji College of Arts, Commerce and Science, Akola. 28 th March 2008.	Participated	National
	4. State level seminar on Metal pollution, Science College, Pauni. August 31 st 2008.	Participated	State
	5. Current Research trends and developments in heterocyclic chemistry P. G. College of Science, Saifabad. Osmania University, Hyderabad. 17-18 March 2007.	Participated	National
DR.S. G. Badne	1. National Conferences Indian Chemical Society K. C. College, Churchgate Mumbai 2004.	Participated	National
	2. National Seminar on Frontiers of chemical Sciences at Aurangabad College for Women Aurangabad 12-13 March 2004.	Participated	National
	3. Current Research trends and developments in heterocyclic chemistry P. G. College of Science, Saifabad. Osmania University, Hyderabad. 17 - 18 March 2007.	Participated	National
	4. State level seminar on Emerging trends in Chemistry, Department of Chemistry Shri Shivaji College Parbhani, 19 th March 2006.	Participated	State
	5. National conference on Drug Designing and Synthesis 19 th & 20 th January 2007, Ambedkar	Participated	National

	College, Nagpur.		
	6. International Conference on Drug Discovery and Nanotechnology, January 27 - 29, 2008. Yeshwant Mahavidyalaya, Nanded.	Design, synthesis and Predicted Biological Activities of 10 – Ethylcarboxylate - 15 – imino – 14(H) Benzothiazole [2, 3 - B] Pyrimido [5, 6 - E] Pyrimido [2, 3-B] Benzothiazole and its 3 - substituted derivatives.	International
	7. National Conference on Green Chemistry and its Perspective, Department of Chemistry Sant Gadge Baba Amravati University, Amravati, Feb. 11 & 12, 2008,	Participated	National
	8. 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 2 nd March 2008.	Participated	National
	9. National Seminar on Current Trends in Chemical Sciences Research. Shri Shivaji College of Arts, Commerce and Science, Akola. 28 th March 2008.	Participated	National
	10. Current Research trends and developments in heterocyclic chemistry P.G. College of Science, Saifabad. Osmania University, Hyderabad. 17 - 18 March 2009.	Participated	National

12. Department organized the conferences/workshops/ seminars etc.

- Department has successfully organized one day National Seminar on Current Trends in Chemical Sciences Research on 30th March 2008.
- 'ChemiQuiz' an intercollegiate Quiz Competition was organized by department for B. Sc. I students on 07/10/2008.
- Department has organized intercollegiate Seminar competition for B. Sc. III students, topic UV and IR Spectroscopy on 12/12/2006.

13. Evaluation process.

- Evaluation of teaching learning process is done on the basis of regular Unit Tests and Annual Test Examinations in both theory and practical. The evaluation is also carried by arranging Quiz, seminars group discussions on syllabus topics.

14. Participation of teachers in academic activities other than teaching and research.

The teachers participate in co-curricular and extra curricular activities in the department and in the college. The teachers of the department worked in the organization committees of several activities like conferences, seminars, youth festivals and sport meets. Dr.S.G.Bhadange worked as Dean Faculty of science, Chairman Board of studies in Chemistry, Member Management Council, Member Examination Committee and worked as member of many important Committees of SGB Amravati University, Amravati. Dr. S.G.Bhadange is Principal of College and Member Board of studies in Chemistry SGB Amravati University, Amravati. Dr. S. P. Deshmukh is Chairman, Board of studies in Chemistry and Member of Academic Council and Member of Ordinance Committee S.G.B. Amravati University, Amravati. Dr. S.P.Deshmukh has also worked as member of board of studies in Biochemistry SGB Amravati University, Amravati. All the faculty members of the department have worked in various activity of University like paper setting, paper moderation, paper valuations, practical examiner etc. The Department has Chemical Society, under the aegis of which guest lectures, study tours, cultural programmes are conducted.

15. Research activities

- M. Phil. Dissertations: 17
- Ph. D. thesis guided and students registered: Guided : 09 Registered : 05
- Recognized Ph. D. Guides: 02
Dr. S. G. Bhadange
Dr. S. P. Deshmukh
- Details of minor/major research projects:

Research project Ongoing

Sr. No.	Name of the principal Investigator	Title of the project	Funding agency	Amount in Rs. (In lakhs)	Period
01.	Dr. S. P. Deshmukh	Synthetic study of N - Maltosylated and S - Maltosylated thioamides and related compounds along with their Antimicrobial studies.	UGC	0.70	2 Years. [2007-09]
02.	Mr. K. N. Puri	Synthesis of fused heterocyclyl pyrimide.	UGC	0.60	2 Years. [2007-09]
03.	Dr. R. E. Bhadange	Synthesis variously substituted Chromones and Synthesis of	UGC	0.75	2 Years. [2007-09]

		substituted thiopyrimidens.			
04.	Dr. R. B. Mohod	Electrical properties of Co^{2+} , Zn^{2+} and Cd^{2+} complexes.	UGC	1.90	2 Years. [2009-11]
05.	Ku. S. K. Deshmukh	Synthesis and antimicrobial activity of N - Lactosylated Nitrogen and Sulphur Containing Five and Six memebered heterocyclic Compounds.	UGC	0.60	2 Years. [2007-09]
06.	Mr. G. D. Rawate	To study the complexes of 1 - substituted – 3 – formadino thiocarbamides with Cu (II), Ni (II) and Mn (II) and their antimicrobial activities.	UGC	0.50	2 Years. [2007-09]
07.	Dr. G. W. Belsare	Sensitive micro determination of toxic metal ion such as lead and mercury with triphenylmethane dyes in presence of cationic surfactant.	UGC	1.80	2 Years. [2009-11]
08.	Dr. S. G. Badne	Synthetic Applicability of substituted benzothiazole towards synthesis of fused heterocycles.	UGC	1.75	2 Years. [2009-11]
09.	Mr. A. B. Sahare	Used of natural polymer for the treatment of toxic metals from industrial waste water.	UGC	1.80	2 Years. [2009-11]
10.	Dr. S. K. Bhagat	Synthesis and structural determination of Sulphur and Oxygen Substituted acetylated glucosyl derivatives.	UGC	2.00	2 Years. [2009-11]
11.	Dr. G. V. Korpe	Microwave Assisted Synthesis of N - Glucosylated Compounds.	UGC	2.00	2 Years. [2009-11]
<i>❖ Total 11 Project of Rs. 14, 40, 000/- (Fourteen Lakh Forty Thousand Rs.)</i>					

Research projects completed

Sr. No.	Title of the project	Name of the principal Investigator	Funding agency	Amount in Rs. (In lakhs)	Period
01.	Synthesis of sulphur and oxygen substituted Benzoylated Glucosyl Derivatives.	Dr. S. K. Bhagat	UGC	0.40	2 Years. [2005-07]
02.	Synthetic and Structural Organic Chemistry of Nitrogen and Sulphur Containing Galactose compounds.	Dr. G. V. Korpe	UGC	0.35	2 Years. [2005-07]

16. Books published by the staff

Sr. No.	Name of faculty	Title of Book Published
1	Dr. S. G. Bhadange	Coauthor Text book of Inorganic Chemistry B. Sc. I / Bokey publication, Amravati.
		Coauthor Text book of Inorganic Chemistry B. Sc. II / Bokey publication, Amravati.
		Coauthor Text book of Inorganic Chemistry B. Sc. III / Bokey publication, Amravati.
2	Dr. S. P. Deshmukh	Coauthor Text book of Organic Chemistry B. Sc. III / Bokey publication, Amravati.
		Coauthor Text book of Organic Chemistry B. Sc. II / Bokey publication, Amravati.
		Coauthor Text book of Practical Chemistry B. Sc. II / Bokey publication, Amravati.
3	Dr. S. K. Bhagat	Coauthor Text book of Practical Chemistry B. Sc. III / Bokey publication, Amravati.
4	Dr. G. V. Korpe	Coauthor Text book of Organic Chemistry B. Sc. III / Bokey publication, Amravati.
5	Mr. K. N. Puri	Coauthor Text book of Organic Chemistry B. Sc. III / Bokey publication, Amravati.

17. Participation of the department in extension activities

Department carry out a wide range of social and community service initiatives. There are large number of activities undertaken by the students and staff for the benefit of community. These activities are need based. The broad areas of extension activities are analysis of soil, water, Fertilizer and food adulteration detection. Environment awareness through science exhibition. Funds collection for poor students.

18. Achievements of the students during last five years :

➤ Participation of P.G. Students of Chemistry Department in Intercollegiate Seminar Competition Organized by Amravati University Chemistry Teachers Association in Collaboration with P.G. Department of University / College in last five years.					
Sr. No	Name of Student	Class	Topic of Seminar	Date & Place	Rank
1.	Ms. L. S. Ingle	M.Sc.II	Radio Analytical Methods.	22 nd Jan. 2004 P.G. Dept. of Chemistry Amravati University, Amravati.	
2.	Ms. R. P. Puranik	M.Sc.II	Electroanalytical Techniques.	17 th Jan. 2005 P.G. Dept. of Chemistry Amravati University, Amravati.	
3.	Mr. A. R. Sarag	M.Sc.II	ESR / ¹³ C-NMR	24 th January 2006	

				P.G. Dept. of Chemistry Amravati University, Amravati	
4.	Mr. W. S. Chavan	M.Sc.II	Thermal Method T.G.A./ D.T.A./ D.S.C.	27 th January 2007 P.G. Dept. of Chemistry Amravati University, Amravati	
5.	Ms. P. R. Medshikar	M.Sc. I	V S P E R Theory / Boran Hydrides	18 th January 2008 P.G. Deptt. P. N. College, Pusad	III rd
6.	Ms. R. R. Ingle	M.Sc.II	X-Ray Diffraction Electron Diffract – tion Neutron Diffraction	25 th January 2008 P.G. Dept. of Chemistry Amravati University, Amravati	
7.	Mr. Mohd. Aasif	M.Sc.II	Mechanism of Molecular Rearrangement	7 th February P. G. Deptt. Of Chemistry Amravati University, Amravati	
8.	Ms. P. R. Medshikar	M.Sc.II	Electron Spin Resonance Spectroscopy /Massobar Spectroscopy	28 th January 2009 P.G. Dept. of Chemistry Amravati University, Amravati	

➤ Participation of U. G. Students of Chemistry Department in Intercollegiate Seminar Competition Organized by Amravati University Chemistry Teachers Association in Collaboration with Affiliated College of S. G. B. Amravati University .

Sr. No.	Name Of Student	Class	Topic of Seminar	Date Place	Rank
1	Mr. G. S. Jamdar	B.Sc.III	Photochemistry	18 th Jan. 2005 P. N. College Pusad	
2	Ku. H. S. Hiwarale	B. Sc.II	Thermodynamics	5 th Jan. 2006 Shri Shivaji Science College, Amravati	II nd Rank
3	Mr. A. I. sheikh	B.Sc.III	U.V. – I.R. Spectroscopy	12 th Dec. 2006 Shri Shivaji College ,Akola	
4	Ku. R.D. Pant	B.Sc. II	Carbohydrate and Proteins	13 th Jan. 2007 Vidya Bharti M. V. , Amravati	II nd
5	Ku. P. A. Dhanokar	B.Sc. II	Carnol's heat Engine / Cycle	3 rd Jan. 2007 S.S.S.R.K. Innani M. V. Karanja	
6	Ku. P. A. Dhanokar	B.Sc. II	Quantum Chemistry	11 th Jan. 2008 Art's and Science	

				College, Chikhaldhara	
7	Ku. V. V. Mukadam	B.Sc.III	Organometallic Chemistry	20 th Sept. S.R.R.L. Science College, Morshi	

19. Achievements of the staff members during last five years

- Department of Chemistry hosts Chemistry Talent search Examination conducted by M.J. College, Jalgaon for B.Sc. I students from Akola District.
- Renowned teachers and scientist in the field of Chemical Sciences are invited to deliver lectures under the auspicious of chemical society.
- The department arranges chemistry aptitude test in collaboration with Amravati University Chemistry Teachers Association for the students of B.Sc. III to make them familiar with various entrance examination required for PG courses.
- The UG and PG students of the department have actively participated in inter collegiate competitions like Quiz, Seminars and have bagged the prizes.
- The department has to its credit 11 research project of which 2 are completed and 09 research projects are in progress. These projects proved very beneficial for the department in many ways like through these projects modern instruments, books and journal were procured by the department.
- Within last five years 04 research students of the department have been awarded Ph.D. and about 15 students have been awarded M. Phil.
- The department of Chemistry has started Carrier oriented Progreemme in Analytical Chemistry i.e. Certificate, Diploma and Advanced Diploma in Analytical Chemistry.

20. Plan of action during next five years

- Laboratory infrastructure up-gradation.
- Updating Teaching and Research facilities in the department.
- To increase the number of books and journals in departmental library also to subscribe e-journals.
- To start consultancy services for the benefit of Vidharba region.
- Introduction of industry department interaction in research and placement of students.
- To make efforts for increasing success rate of students at various competitive examinations like NET, GATE etc.

21. Important alumni of the department

Sr. No.	Name of Alumni	Present Position
1.	Dr. P. A. Ganeshpure	General Manager, Reliance Industries Ltd. Vadodara Manufacturing Division.
2.	Dr. S. B.	Reader & Head, Department of Biochemistry,

	Khannade	Government Medical College, Akola.
3.	Dr. Pramod Bhise	Head, Pathology Department, PDMC, Amravati.
4.	Dr. G. B. Pachade	Associate Professor, Department of Chemistry, Amolakchand Mahavidyalaya Yautmal.
5.	Mr. Shailesh Kolhe	Scientist, DRDO Jodhpur.
6.	Prof. M. F. Khan	Head, Department of Mathematics, College of Engineering and Technology, Akola.
7.	Mr. Jayant Tarhale	Regional Forest Officer, Dist. Washim.
8.	Prof. Y. B. Wakte	Head, Department of Applied Physics, College of Engineering and Technology, Akola.
9.	Dr. S. V. Lande	Senior Manager, Reliance Industries Ltd, Vadodara Manufacturing Division.
10.	Dr. M. G. Dhonde	Assistant Professor, Department of Chemistry, Mohata Science College, Nagpur.
11.	Dr. D. V. Mangte	Senior Research Associate, Sterling Biotech Research Center, Sterling Biotech Ltd.
12.	Dr. Sameer Deshpande	Scientist, Anthea Aromatics, Rabale, New Mumbai.
13.	Dr. P. V. Tale	Senior Research Associate, GVK Bio Hyderabad.
14.	Dr. Mrs. A. S. Dandale	Lecturer, Department of Applied Chemistry, Faculty of Technology, M.S. University, Baroda.
15.	Dr. S. M. Verma	Scientist Process Development, ACTAVIS Pharma Development Center, Bangalore.
16.	Dr. P. R. Mahalle	Lecturer, Department of Applied Chemistry, Gurunanak Institute of Eng. & Technology
17.	Mr. Shrikant Dose	Executive R & D Torrent Pharma Ltd. Ahmadabad.
18.	Dr. Nitin Agrawal	Senior Executive Q.A Department, Ajanta Parma. Paithan.
19.	Ms. P. J. Dose	Assistant Professor, Department of Chemistry, J. D. Patil Sangludkar College, Daryapur, Dist. Amravati.
20.	Dr. Mrs. P. T. Agrawal	Assistant Professor, Department of Chemistry, RLT College of Science, Akola.
21.	Dr. Mrs. Anuradha Kale	Head, Department of Applied Chemistry
22.	Mr. V. R. Thakre	Lecturer, Department of Chemistry, College of Engineering and Technology, Akola.
23.	Ms. D. B. Mhaisane	Lecturer Department of Applied Chemistry, D.Y. Patil Polytechnique, Pune,

22. Any other highlights

- Chemistry Department is one of the biggest Department of the college. At present in this department 12 well qualified and devoted teachers are working, out of which two are recognized as research supervisors and continuing research in their respective fields.
- The department has very high research output with many publications in National and International journals.
- The department has five well equipped laboratories and two instrumentation rooms which are very rich in the infrastructure.
- Department has undertaken different activities with a view to impart additional knowledge to the students in the various areas of science and use their knowledge for the betterment of the society. To encourage students in their studies and in overall development the students scoring highest marks are awarded with 12 prizes sponsored by the faculty members of the Department. Courses like Certificate / Diploma/ Advance Diploma in Analytical Chemistry is run by the department.
- Research students present their research in session of Indian Science Congress, Annual Convention of Chemists and in other National and International Conferences.