

Shri Shivaji College of Arts, Commerce and Science, Akola

Faculty Profile



1. Name : **DR. GAJANAN W. BELSARE**
2. Address (residential) : "Gajanankrupa", Sawantwadi, Akola.
3. Phone no. / Cell no. : +919370155877
4. E-mail address : bgajanan@yahoo.co.in
5. Designation : Assistant Professor
6. Department : Chemistry
7. Date of birth : 1st July 1972.
8. Area of Specialization : Organic chemistry.
9. Academic Qualification : **M.Sc., Ph.D.**

Examination Passed	Board/ University	Subject Specialization	Year of Passing	Division/ Grade/ Merit
Bachelor's Degree	Amravati	Chemistry, Zoology, Microbiology	1992	I
Masters degree	D.A.V.V. Indore	Organic Chemistry	1994	I
Ph. D.	Nagpur	Microspectrophotometric determination of some rare earths with triphenylmethane dyes in presence of cationic surfactant	2001	--

10. Research paper Accepted /published

Title of Paper	Name of journal	status
1. Sensitive microdetermination of thorium and uranium with pyrogallol red in presence of cationic surfactant.	J. Indian Chem. Soc., vol. 89, p.n. 1-12, 2012.	Published
2. Sensitization of erochrome azurol-B in presence of cetyltrimethylammonium bromide for the microdetermination of some lanthanides.	e-journal of chemistry	Accepted

10. Research Experience: 14 Years

Seminars/Conference/Symposia/Workshop; attended/Organized

S.N	Name of conf/seminar/symposia/workshop	Place and name of sponsoring Agency	Place and Date	Paper presented
1.	State level workshop on Microscale Techniques in Chemistry	Vidyabharati Mahavi-dyalaya, Amravati.	Vidyabharati Mahavi-dyalaya, Amravati 29-31 Jan 2004	---
2	2 nd Global Congress on Cosmetic Technologists 'Emerging trends in Technologies and Standard in cosmetics.	K.L.E.S's college of Pharmacy, Belgaum	Belgaum (Karnataka) 13-15 Feb 2004.	----
3	University level Post Accreditation Policy Planning.	Vidyabharati Mahavi-dyalaya, Amravati	Vidyabharati Mahavi-dyalaya, Amravati 23 rd Oct 2004	---
4	International conference on Drug discovery and nanotechnology Deptt. Of chemistry Yashwant Mahavidyalaya, Nanded.	Department Of chemistry Yashwant Mahavidyalaya, Nanded.	Department Of chemistry Yashwant Mahavidyalaya, Nanded. 27-29 Jan 2008	'Synthesis of 5-(substituted phenyl)-5-(substituted benzyl)-2-hydration.'
5	International conference on Drug discovery and nanotechnology	Department Of chemistry Yashwant Mahavidyalaya Nanded.	Department Of chemistry Yashwant Mahavidyalaya Nanded. 27-29 Jan 2008	'Sensitization of Eriochrome azurol B in presence of cetyldimethylethyl ammonium bromide for the microdetermination of rare earths.'

6	National conference on Green Chemistry and its perspective	Department Of chemistry Sant Gadge Baba Amravati University Amravati	Department Of chemistry Sant Gadge Baba Amravati University Amravati 11-12 Feb 2008	microspectrophotometric determination of some rare earths with Methyl thymol blue in presence of cetyldimethylethylammonium bromide.'
7	Regional seminar on Recent Trends in Heterocyclic compounds in chemical, medicinal and Pharmaceutical compounds	Department Of chemistry , Mahatma Fule Arts,commerce and Sitaramji Choudhari Science Mahavidyalaya Warud Dist. Amravati	Department Of chemistry , Mahatma Fule Arts, commerce and Sitaramji Choudhari Science Mahavidyalaya Warud Dist. Amravati 2 March 2008	----
8	National seminar on Current Trends In Chemical Science Research.	Department Of chemistry , Shri shivaji Arts,Commerce and Science College Akola	Department Of chemistry , Shri shivaji Arts,Commerce and Science College Akola 29 March 2008	----
9	State level Seminar on "Metal Pollution"	Department of Chemistry, Shri Shrvaji college of science Pauni Dist. Bhandara.	Department of Chemistry, Shri Shrvaji college of science Pauni Dist. Bhandara. 31 st Aug.2008	----

10	National Conference on Recent Advances in Chemical Research	Osmania University, Hyderabad.	Hyderabad. 6 th – 7 th Feb, 2009	Participated
11	National workshop on Green Chemistry	P.G. Deptt. Of Chemistry, S.G.B. Amravati Uni., Amravati. UGC-DST	17-18 Feb. 2010.	Participated
12	13 th Annual convention and one day seminar on chemistry in our lives	Department of chemistry, SGB Amravati University Amravati	25/09/2011	Participated
13	National conference on material: atom to molecule	Shri Shivaji science college Nagpur	Shri Shivaji science college Nagpur 16Dec 2011	Effect of pH in the determination of zirconium complex spectrophotometrically
14	National conference 'Recent advances in synthetic chemistry and nanomaterials'	Department of Chemistry, Shivaji University Klohapur	Department of Chemistry, Shivaji University Klohapur 21,22/1/2012	Spectrophotometric determination of Uranium with methyl thymol blue
15	National conference on Recent Researches in Chemistry: A journey towards social upliftment	Lokmanya Tilak Mahavidyaya, Wani	14,15/02/2012	Paper presented

11. Research Projects Completed / Ongoing

Title of the Project	Funding agency	Duration	Remarks
SENSITIVE MICRODETERMINATION OF TOXIC METAL IONS SUCH AS LEAD AND MERCURY WITH TRIPHENYLMETHANE DYES IN PRESENCE OF CETYLDIMETHYL ETHYL AMMONIUM BROMIDE	UGC	2 Years	Ongoing

14. Teaching Experience

Course Taught	Name of the University/ College/ Institution	Duration
UG	Vidya Bharati College, Amravati.	05Years
UG	Shri Shivaji College, Akot	02 Years
UG	Shri Shivaji College of Arts, Commerce & Science, Akola.	05years
PG	Vidyabhararti college, Amravati	06 Years
PG	Shri Shivaji College of Arts, Commerce & Science, Akola.	05years
Carrier Oriented Programme : Titrimetric analysis	Shri Shivaji College of Arts, Commerce & Science, Akola.	2 Years

12. Innovative/ Contributions in Teaching

Teaching Methods:

- To create interest in the subject the seminars were arranged in the classes.
- To simplify the topics models and charts were used during teaching.
- During teaching, discussion method and question-answer method were used in the classroom.

Laboratory Experiments:

- The experiments are demonstrated with the help of diagrams, models, and instruments.
- To create interest of the students in practical various projects are given to them.

Preparation of resource materials:

- The teaching material was prepared by using various books.
- The question bank has been prepared for the students so that they should aware of University examinations.
- Internet websites.
- Power point presentations on selected topics are prepared for the revision of topic.

Remedial teaching:

- Special classes were arranged for the backward and poor students
- Taught SC and ST students under remedial coaching scheme sponsored by U.G.C.

Extension activities/ consultancy/ community works :

- Participation in the N.S.S. Program organized by the college
- Analysis of edible oil from different oil mills in Akot have been carried out.

13. Role in college activities

- Worked as a member of admission committee.
- Member of organizing committee in chemiquiz competition 2008.
- Worked as a member of University Youth Festival Committee organized by Shri Shivaji College, Akola.
- Guided the students for chemistry aptitude test examination.
- Guided the students for Chemiquiz competition 2009.
- Incharge of Registration committee in the National seminar "Current Trends In Chemical Science Research". (29 March 2008)
- Participation in Teacher Guardian Scheme.
- Worked as member of college vigilance committee.
- Member of various committees in Jayanti Utsav of Shikshan Maharshi
- Dr. Bhausahab Alias Panjabrao Deshmukh.

14. Role in university activities

- Valuation of B.Sc.University Examination papers.
- Worked as external and internal examiner for University Practical examination.

15. Membership/ Participation in Activities of national development

- Participation in Blood Donation Camp.
- Worked as presiding officer in Assembly election.

16. Computer awareness:

- Maharashtra state Certificate in Information Technology (MS