

Department Profile:

- Department of Chemistry is one of the largest and major Department of our college. It was established in the year 1982.
- Along with B. Sc. in chemistry our department has been offering M. Sc. in Organic chemistry course since 2004. It is also a recognized Research Centre for the Doctoral course in chemistry.
- Presently our department has 7 faculty members and among them 3 are Ph. D. holder and one is currently doing his doctoral research.
- Our principal Dr. Vidyagauri Lele is the senior most member of our department and has many accolades to her credit. She is also bestowed with the Best Teacher award (Urban region) by the University of Mumbai for the academic year 2015-16.
- Principal herself, Dr. Saira Mulla and Dr. Kusum Baser are the research guides.
- Till date we have successfully organized various state-level UGC funded seminars and workshops.
- We have also organized a National Level conference and Research Scholar Meet collaboration with Indian chemical Society.
- Our faculty has been proactive in the research domain, publishing 61 research papers in various national and international journals and we have one patent for a research paper titled 'A membrane separation process' presented by Dr. Saira Mulla. Three researchers have been awarded Ph. D. degree through our department under the guidance of Principal Dr Lele.
- We have completed 12 minor research projects funded by the University of Mumbai.
- We have 5 well equipped laboratories with the latest instruments, apparatus, high-grade chemicals and infrastructure to perform experiments in all branches of chemistry. To manage these laboratories, we also have a skilled team of support staff.
- Students are regularly encouraged and motivated to participate in various intercollegiate competitions.
- Our college is in the vicinity of some of the well-known renowned institutions of India like BARC, ICT, TIFR and Marathi Vidnyan Parishad. Hence, our students have been lucky enough to visit these institutions and participate in activities conducted by these institutions.
- We provide hands-on training on HPTLC and also arrange internship programs for PG students. Department conducts "Basic and applied Chemistry" course for Commerce faculty students.
- Department runs an "Inter-collegiate Industrial Chemistry" course to enhance employability and "Campus to Corporate" lecture series to enable our students to

meet with the challenges of industry. In both these courses are Alumni are the resource persons.

- Department every year trains students to Participate in Avishkar Research Convention of University of Mumbai.
 - As a community outreach programme, department conducts “Fascinating world of Science” for SSC students of 4 nearby schools.
 - Some of the eminent personalities in the field of science and technology visited our department are India’s nuclear Physicist Padma Shree Dr. Anil Kakodkar, Dr. Bal Phondke, a leading Marathi writer of science literature, Dr. G. D. Yadav, former Vice Chancellor of the Institute of Chemical Technology are to name a few.
 - We are proud of our alumni who are holding key positions in the industry, institutions like BARC and many of them have entered the teaching profession.

Achievements

Name of the faculty	Award/Prize	Conference / Seminar	Organized by	Date of the event	Level
Dr. Saira Mulla	2 nd rank for oral paper presentation	International conference	Anjum Islam Janjira’s Degree college of Science	March 2023	International 1
Mr. Pravin Bendle	2 nd rank for oral paper presentation	Two days international hybrid conference on Nanoscience, Nanotechnology and nano-bioscience -2023 (ICNNN -2023)	Veer Vazekar college of Arts , Science & Commerce, Phunde, Uran, Navi Mumbai, India - 400 702.	10 th & 11 th March, 2023	International 1

Activities:



**Community outreach program
Fascinating world of Science.**



Campus to corporate lecture series



**An intercollegiate competition
Science Utsav**



Hands on training at Anchrom



Intercollegiate certificate course in Industrial Chemistry



Guidance lectures of T. Y. B. Sc. Students

Seminars & Guest Lectures:

1. PHOTO & VIDEO GALLERY OF DEPARTMENT



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Intercollegiate certificate course in Industrial Chemistry



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Future Plan:

- The Department plans to raise funds from University and UGC schemes to add value to the curriculum by providing access to specialized infrastructure in terms of high-end instruments and research facilities.
- To develop students interest in the field of research, the faculty will apply to BARC, CSIR-UGC to acquire research project for students and also encourage students to participate in summer training program conducted by various institution like IUCAA, BARC, TIFR etc.
- The department would like to promote more numbers of interdisciplinary certificate courses for commerce & arts students. To meet the requirements of industry and to make students eligible for the jobs in industry, department would like to conduct various certificate courses in collaboration with industry.
- To get training from various industries department will plan more numbers of industrial visits and internships for PG students.
- Department would like to conduct campus placement programs for UG & PG students.

2. Community Outreach & Special Projects:

- Fascinating World of Science for 10th std school students.
- Campus to Corporate lecture series conducted by Alumni students for B. Sc. & M. Sc. students.