



!! सिद्धिनेकान्तात् !!

Anekant Education Society's



# Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati

- Affiliated to Savitribai Phule Pune University, Pune (M.S.) India •
- Empowered Autonomous •
- Religious Minority Institution •
- NAAC REACCREDITED 'A+' Grade (CGPA 3.55) •
- Website : [www.tccollege.org](http://www.tccollege.org) •

## Department of Chemistry



## DEPARTMENT PROFILE

The Department of Chemistry is established in 1962, which offers bachelor (B.Sc.) in Chemistry as well as master degree (M.Sc.) in Inorganic, Organic and Analytical Chemistry. Department of Chemistry strives to strengthen its academics through teaching-learning, research and extension activities. It is an active centre for higher education and research that does always welcome platform for interaction with academic as well as research scholars, industrial and scientific enterprises.

As the oldest and largest department in the college, consists of about 240 UG and 210 PG students taken care by 19 faculty members and 08 support staff. This department has team of knowledgeable faculty members with expertise across different chemistry domains. Department has ICT embedded classrooms and five well equipped laboratories with facility of internet. We have all types of required chemicals, glassware, apparatus and enough number of sophisticated instruments required for regular experiments/ practical as well as for project, research work of student and faculty members. For environment sustainable management department has a facility of ETP which provides treatment for lab sewage. Department has been recognized as a research centre for Ph.D. program from SPPU in the year 2023. After an autonomous status in 2019-2020, the Board of Studies (BoS) members in chemistry involved in development of new curriculum / syllabus for UG and PG programs as well as different types of certificate courses.

As per motto of college and a social responsibility, our faculty members are involved in providing the financial assistance and educational material to needy students from last ten years. Faculty members and alumni are regularly contributed the cash prizes to meritorious students and sports persons from department selected at Zonal/ University level.

## VISION

- To create a vibrant and collaborative intellectual hub where curiosity knows no bounds, fostering a community that drives transformative advancements in understanding and applying the principles of chemistry for the betterment of our nation.

## MISSION

- To provide an immersive and dynamic learning environment that encourages relentless curiosity, critical thinking, and a passion for discovery. Enhance learnability and employability through innovative teaching methods and state-of-the-art facilities; empower students to become adept practitioners and leaders in the field of chemistry.

## KEY FEATURES

- Well-Equipped Laboratories:** State-of-the-art facilities for research and experiments in various chemistry branches.
- Highly Experienced Faculty:** A team of knowledgeable faculty members with expertise across different chemistry domains.
- Up-to-Date Curriculum:** Comprehensive curriculum covering fundamental principles and emerging trends in chemistry.
- Student Programs:** Regular seminars, workshops, guest lectures, Excursion and conferences for exposure to current research.
- Safety Adherence:** Strict adherence to safety protocols, especially in handling hazardous materials.
- Collaborations:** Partnerships with other departments, institutions, and industry for interdisciplinary research.
- Alumni Network:** Strong network providing mentorship, guidance, and networking opportunities
- Career Counseling:** Student access to career counseling services for effective job navigation.

## TEACHER PROFILE

Sr. No.	Name of Teacher	Designation & Qualification	Teaching Experience
1.	Dr. Shrikrishna T. Salunke	HOD & Professor, M.Sc., SET, Ph.D.	30
2.	Mr. Bhimrao R. Torane	Assistant Professor, M.Sc., SET	24
3.	Mr. Maharudra A. Dudhe	Assistant Professor, M.Sc.	30



4.	Mr. Ravikiranamrut R. Gandhi	Assistant Professor, M.Sc.	24
5.	Dr. Vaibhav P. Landage	Associate Professor, M.Sc. B. Ed., SET, Ph. D.	19
6.	Dr. Yogesh N. Indulkar	Assistant Professor, M.Sc. NET, Ph. D.	11
7.	Dr. Rahul S. Bhondwe	Assistant Professor, M.Sc., SET, Ph. D.	14
8.	Dr. Deepali S. Pakhare	Assistant Professor, M.Sc. NET, Ph. D.	04
9.	Mrs. Supriya S. Deokate	Assistant Professor, M.Sc.	05
10.	Mrs. Jyoti T. Waghmode	Assistant Professor, M.Sc.	04
11.	Mrs. Kalpana H. Surnavar	Assistant Professor, M.Sc., B. Ed., SET	08
12.	Ms. Geetanjali S. Bhunje	Assistant Professor, M.Sc.	07
13.	Mrs. Reshma T. Gadadare	Assistant Professor, M.Sc., B. Ed, SET.	07
14.	Mrs. Swati A. Deokate	Assistant Professor, M.Sc., SET.	04
15.	Mrs. Gayatri D. Pirale	Assistant Professor, M.Sc., B.Ed.	05
16.	Ms. Anjali N. Bhong	Assistant Professor, M.Sc.	02
17.	Mr. Harshad J. Salunkhe	Assistant Professor, M.Sc.	02
18.	Ms. Sakshi S. Navale	Assistant Professor, M.Sc.	01
19.	Ms. Pratiksha P. Tak	Assistant Professor, M.Sc.	01

<https://www.tccollege.org/departments/science/streams/>

## PROGRAMME AND COURSES OFFERED

Sr. No.	Name of the Programme	Date of Establishment	Duration
1.	B. Sc. Chemistry	1962	3 Years
2.	M.Sc. Inorganic Chemistry	1993	2 Years
3.	M. Sc. Organic Chemistry	2006	2 Years
4.	M. Sc. Analytical Chemistry	2008	2 Years
5.	Ph.D. in Chemistry	2023	3-5 Years

## SKILL DEVELOPMENT COURSES

- Course Entitle “Soil and Water Analysis” for S.Y.B.Sc Chemistry students
- Course Entitle “Titrimetric Analysis” for S.Y.B.Sc Chemistry students
- Course Entitle “Instrumental methods for chemical analysis” for M.Sc.-II students

## RESEARCH

### 1. Research Centre Details

- Recognition and Affiliation : Savitribai Phule Pune University, Pune
- Year of Recognition : 2023 under the faculty of science and technology
- Research Areas : Adsorption Studies, Nonmaterial synthesis and Characterization, Synthetic Organic Chemistry
- Facilities and Recourses : Well-Equipped Laboratories, Advanced Instrumentation, access to research journal
- Research Guide : Dr. Yogesh Nana Indulkar, Dr. Rahul Bhondwe
- Research Student details : 02

### 2. Research Project and Publication Details

- |   |  |
|---|--|
| a. Total fund sanctioned from different agencies: 19.50 Lakhs | c. Number of Publications in last five years: 30         |
| b. Number of Patents in last five years: 06                   | d. Number of Books/ Book chapters in last five years: 01 |

## ACTIVITIES

Sr.No.	Name of activity
1	Regular Departmental IQAC Meetings
2	A bridge course for F. Y. B. Sc. and M.Sc. I students
3	Remedial coaching to weak learners
4	Special coaching to advance learners
5	Lecture of renowned industry person/ famous chemistry scientist
6	Certificate Courses
7	Study tours for UG and PG students
8	Various activities under IQAC youth festival
9	Various Workshops/Seminars/Guest Lectures/Training Programs
10	Celebration of National Science Day
11	Alumni Meet

## COLLABORATION AND MOU

- MoU with Insta vision Satara (17/08/22)
- Collaboration with Atal Incubation Centre at Agriculture Development Trust Baramati (AIC-ADT)(18/10/22)
- Collaboration Sharda Bai Pawar Institute of Pharmaceutical sciences and research centre, Baramati (24/12/22)

## STUDENTS ACHIEVEMENT

- Mr. Saurabh Pandhare- Purushottam Karandak Winner
- Mr. Niranjana Ghuge- Purushottam Karandak Winner
- Mr. Pravin Bhosale-Income tax Officer
- Ms. Sanjana Appa Patil- Race-walk Silver Medal
- Ms. Kalyani Jawale- PSI
- Mr. Amar Adhav- MPSC
- Mr. Pravin Bhosale –MPSC
- Ms. Sana Mulani – IIT JAM

## CONTACT US

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