

# Anekant Education Society's

## Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati (Empowered Autonomous)



# **Department of Chemistry**

### **About Department**

Establishment: 1962

#### **Programmes Offered**

- B. Sc. Chemistry From: 1962
- M.Sc. Inorganic ChemistryFrom: 1993
- M.Sc. Organic ChemistryFrom: 2006 M.Sc. Analytical Chemistry From: 2008
- Ph.D. Chemistry From: 2023

### Teachers Profile

#### Prof. Dr. Shrikrishna Salunke (Head, Department of chemistry)

- Mr. Bhimrao Torane
- Mr. Maharudra Dudhe
- Mr. Ravikiranamrut Gandhi
- Dr. Vaibhav Landage
- Dr. Yogesh Indulkar
- Dr. Rahul Bhondwe
- Dr. Deepali Pakhare
- Mrs. Supriya Deokate
- Mrs. Jyoti Waghmode
- Mrs. Kalpana Surnavar
- Ms. Geetanjali Bhunje
- Mrs. Reshma Gadadare
- Mrs. Swati Deokate
- Ms. Gayatri Pirale
- Ms. Anjali Bhong
- Mr. Harshad Salunkhe
- Ms. Sakshi Navale
- Ms. Pratiksha Tak

#### Achievements

- 1.Prof. (Dr.) S.R. Kale Bharat Ratna Dr. B.R. Ambedkar
- National Award
- 2.Prof. B.R. Torane
- Best Cultural Team Leaders
- 3. Prof. H. J. Salunkhe
- Best Teacher Award

# (International Level).

- 4. Prof. H. J. Salunkhe International Star Award
- (International Level).
- 5. Prof. H. J. Salunkhe
- Dr. A.P.J. Abdul Kalam Bhartiya

#### Ratna Samann (National Level)

- 6. Dr. D. S. Pakhare
- DST-WOS-A project sanctioned in
- 2020(Fellowship)
- 7. Mrs. R. T. Gadadare
- IWSA Award (National Level)

### Scan for More Details



#### **Contact:**

https://www.tccollege.org/ hodchemistrytcc@gmail.com

#### Contacts

Prof. Dr. S. T. Salunke , Head of Department , 9421079771 Mr. B. R. Torane IQAC Coordinator 9850792165

Dr. R.S. Bhondwe PG Incharge 7350825538

# Highlights of the Department (2019-2024)

### **Curricular Aspects**

- Development of PSOs & COs
- Curriculum Design, Development& Revision
- Curriculum focuses on Skills & Employability
- Curriculum is as per NEP-2020 & integrates cross-cutting issues
- New courses introduced: 206
- Offered courses: 501
- Courses with FP/RP/Internship.: 07
- No. of Certificate Courses: 04
- · Feedback on curriculum is regularly obtained

### **Teaching-Learning & Evaluation**

- Number of Students: 469
- Number of Teachers: 19
- Students-Teacher Ratio: 25:1
- Number of Teachers with Ph.D.: 05
- Pass % of students: 93
- Assessment of learning levels of students
- Bridge and Remedial courses: 18
- Use of student centric methods & ICT tools
- Implementation of Mentor-Mentee Scheme
- Academic Calendar & Teacher Diary
- CO-PO Mapping and its attainment

### Research, Innovations & Extension

- Amount of Seed Money granted: Rs.3.25 Lakh
- Research funds received: Rs. 2.5 Lakh
- Number of Research Projects: 01
- Research Guides: 02
- Students registered for Ph.D.: 02
- Research Paper Publications: 30
- Participation in Conferences/Seminars etc: 17
- Book Chapter Publications: 01
- Patent Publications: 06
- Number of Citations.: 204
- h-Index of the Department: 06
- Number of Functional MoUs: 03

# **Infrastructure & Learning Resources**

- Number of well-equipped Laboratories: 06
- Computers, Laptops, Projectors: 6, 12 & 2
- Number of Instruments: 32 • Internet Facility: Available
- Books & Journals in Dept. Library: 280 & 01
- Budget of the Department: 32.85 Lakh
- No. E-content developed: 347
- SOPs for Laboratory Equipments
- Stock Register

### **Student Support & Progression**

- Career counselling activities: 06
- Skill Enhancement activities: 06
- % of Placement: 67.12%
- % of Progression to HE: 76.75 %
- SET/NET/State/Central Govt. Exams:09
- Awards to Students: 03

- IQAC Youth Festival Activities: 09
- Alumni Contribution: 0.575 Lakh • Alumni Contribution (Books/Equipment): 38
- Activities by Alumni:01
- Academic & Financial support to students

# Governance, Leadership & Management

- Short Term & Long Term Perspective Plan
- Felicitation of staff on achievement
- Completed Academic & Administrative Audit
- Number of Member of Academic Bodies: 10
- Number of FDPs completed by staff: 27
- Number of organized Conferences / Seminars / Workshops: 18

# **Best Practices**

- Liquid Waste Management through Effluent Treatment Plant.
- Chemical Lab Safety and Sustainability.
- Chemical analysis for stakeholder.

### **Distinctiveness of the Department**

- Financial support to needy and bright students.
- Department with Three Post Graduate Specialization. Inorganic, Organic and Analytical Chemistry.