DEPARTMENT OF CHEMISTRY

About The Department:

The department of chemistry is started from June 1963. Our department is working under the headship of Dr. Waghmare R S. We are proud of resourceful library and well equipped department. The department sincerely conducts class test, seminars, tutorials, group discussions, etc. Students strength is increased year by year. Teachers are very keen on updating knowledge, by attending seminars, Workshops held at various places. Study tours also have rightful places in duration of B.Sc course. The laboratory of department is quite spacious and well ventilated. Master's Degree Course M.Sc in Organic Chemistry was Started in 2021 duration of two years .

Objectives:

- 1. To develop the research culture among the students teacher community.
- 2. To encourage the students to achieve excellence in their work & perform.
- **3.** To encourage students for preparing various competitive exams
- **4.** To develop good practices in laboratory and handle various instruments.

DEPARTMENTAL TEACHER'S PROFILE

1. Name: Dr. Ratna Sanjay Waghmare Designation: Head of Department (HOD)

Qualification: M.Sc. PhD , L.L.B

Email ID: ratnawaghmare1@gmail.com

Contact Number: 9422087211

Teaching Experience: 27 years

Expert Area: Physical Chemistry

2. Name: Prof. Milind Suresh Deshpande Designation: Associate Proffesor

Qualification: M.Sc. SET

Email ID: milind.deshpande73@gmail.com

Contact Number : 9922571916 **Teaching Experience:** 22 years

3. Name: Prof. Shailesh Sahebrao Deshmukh

Designation: Assistant Proffesor **Oualification:** M.Sc. SET . NET

Email ID: deshmukhss1982@gmail.com

Contact Number: 9860080782
Teaching Experience: 16 years
Expert Area: Organic Chemistry







4. Name: Prof. Pooja Chandrakant Chavan **Designation:** Assistant Proffesor (CHB)

Qualification: M.Sc. B.Ed
Email ID: cpooja@gmail.com
Contact Number: 8329565290
Teaching Experience: 8 years
Expert Area: Organic Chemistry



5. Name: Prof.Pratik Sunil Mahajan **Designation:** Assistant Proffesor (CHB)

Qualification: M.Sc.

Emai ID: pratikmahajan24081997@gmail.com

Contact Number: 9511822569
Teaching Experience: 2.5 Years
Expert Area: Organic Chemistry



6. Name: Prof. Ramaa Rajendra Brahmadandi **Designation:** Assistant Proffesor (CHB)

Qualification: M.Sc.

Email ID: ramaabrahmdandi@gmail.com

Contact Number: 9112122851
Teaching Experience: 2.5 years
Expert Area: Drug Chemistry



7. Name: Prof. Madhavi Deelip Durgaiya **Designation:** Assistant Proffesor (CHB)

Qualification: M.Sc. B.Ed. SET

Email: durgaiyamadhavi@gmail.com

Contact Number: 9637661558
Teaching Experience: 1 year
Expert Area: Organic Chemistry



8. Name: Prof. Pratik Milind Jadhav **Designation:** Assistant Proffesor (CHB)

Qualification: M.Sc.

Email ID: jadhavpratik987pj@gmail.com

Contact Number: 7745825889
Teaching Experience: 1 year
Expert Area: Organic Chemistry



Name: Prof. Komal Ramesh Gayake
 Designation: Assistant Proffesor (CHB)

Qualification: M.Sc.

Email ID: komalhari2392@gmail.com

Contact Number: 9309880218
Teaching Experience: 4 Months
Expert Area: Organic Chemistry



Qualification: M.Sc. M.Ed

Email ID: rupakonkatti984@gmail.com

Contact Number: 9175287842
Teaching Experience: 4 Months
Expert Area: Physical Chemistry

11. Name: Prof.Dilip Rohidas Shete

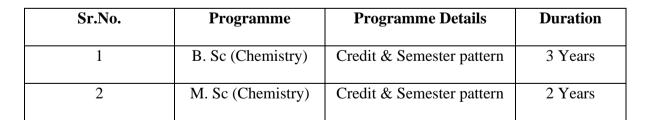
Designation: Assistant Proffesor (CHB)

Qualification: M.Sc.

Email ID: shetedilip800@gmail.com

Contact Number: 8459296562
Teaching Experience: 4 Months
Expert Area: Organic Chemistry





SWOC Analysis:

Strength:-

- 1. Well equipped laboratories
- 2. Department's alumni join universities in abroad for their Ph.D and post doc .
- 3. Qualified and experienced faculty
- 4. Faculty actively involved in administrative work.







- 5. Imparting value based education with interactive and blended learning.
- 6. Industrial visits to different industries to develop interest of students towards chemistry and also developing interest on the part of employment.
- 7. Digital classrooms.
- 8. Lectures with advanced ICT tools.

Weakness:-

- 1) The physical infrastructure is also not adequate for the introduction of new courses at present .
- 2) The number of students pursuing science is decreasing.
- 3) Too much burden for the teachers as they have to execute both academic and administrative works to encounter shortage of teaching and non teaching staff.
- 4) No collaboration and MOUs with other institutes.

Opportunities:-

- 1. To have collaboration with industries.
- 2. Linkages with research institute.
- 3. Confidence building through seminars and group discussions and personality development through interactive sessions .
- 4. Students are motivated and guided by able faculty member to get higher degree and appear in NET, SET and other competitive exams.
- 5. Department gives platform to the students to show their potential and knowledge by mentoring through mentor-mentee activities, conducting seminars and giving projects
- 6. To start PG courses in other specializations of chemistry.
- 7. To start certificates and diploma courses related to chemistry.
- 8. To increase industry and students interaction.
- 9. To encourage students and teachers to increase their research abilities through participation iAvishkar and similar activities held by different universities .
- 10. To organize a inter-college and inter-university chemistry competition for UG and PG students (exams similar to Chemiad and M.J college exam).
- 11. To organize extra lectures for NET/SET/GATE/PET/BARC/JAM/TIFR/ONGC and other similar competitive exams .

Challenges / Threats :-

- 1. To organize national conference.
- $2. \quad To \ establish \ collaboration \ with \ industry \ for \ research \ .$
- 3. To cope up with students from rural background.
- 4. To convince students for enrolling in chemistry specialization.
- 5. To organize international webinars.
- 6. To increase awareness towards chemistry as a career .
- 7. Scarcity of funds for chemicals.
- 8. Need of departmental library consisting access to recent research papers , journals , reference books and e-books .