

Department Name: Post Graduate Department of Chemistry

Eligibility: B.Sc. with Chemistry or Industrial Chemistry

Syllabus/Course Content:

- Heat Transfer and Mass Transfer Operations
- Unit Processes and Green Chemistry
- Fuels and Heavy Chemicals
- Polymer, Dyes and Paints

Opportunities:

An MSc in Chemistry opens doors to various sectors, including pharmaceutical, food and beverage, cosmetics, and environmental agencies

- **Pharmaceutical Industry:**

M.Sc. Chemistry graduates can be involved in drug development, quality control, and research.

- **Food and Beverage Industry:**

Quality assurance, safety testing, and product development are roles where chemistry postgraduates can be valuable.

- **Cosmetics Industry:**

M.Sc. Chemistry graduates can find opportunities in formulation, testing, and regulatory compliance.

- **Environmental Agencies:**

Roles in pollution control, waste management, and environmental safety are possible with an MSc in Chemistry.

- **Research Institutions:**

Scientific research and teaching roles are available for M.Sc Chemistry graduates.

- **Chemical and Petrochemical Industry:**

Manufacturing, product development, and process optimization departments often hire chemistry postgraduates.

- **Government Jobs:**

Clinical Research Associates, Professors/Teachers, and other roles in government agencies offer opportunities for chemistry graduates.

- **Other Notable Career Options:**

Analytical laboratories, forensic science, intellectual property, and science writing & communication also present career opportunities.

- **Specific Roles:**

Analytical Chemist, Forensic Chemist, Patent Analyst, and Scientific Content Writer are some examples of roles that an M.Sc. in Chemistry can lead to.

Activities:

Some of the cocurricular and extracurricular activities organized by the departments are-

- Seminar
- Guest Lectures
- Critical Thinking on Video lectures
- Extracurricular Activity
- Certificate Course in Instrumentation Techniques
- Research Projects
- Research Paper Writing and publishing
- Internship
- Field/Industrial Visit

Facilities:

Various sophisticated Instruments are available to college Central Instrumentation Cell Which are used by M. Sc. Students and research scholars.

- FTIR (Fourier Transform Infrared Spectroscopy)
- GC (Gas Chromatogram)
- Rotary Evaporator
- Laminar Air flow
- UV-Visible Spectrophotometer
- Programable Furnace

Success Stories:

Some of our prominent alumni were placed in renowned organizations are listed below-

Sr. No	Name	Organization
1	Pranav Banubakode	Siyaram Industries, Nandgaon Peth MIDC
2	Rahul A. Ghongade	Junior College Lecturer at Harisal
3	Aniket Raju Thawali	Sthapathya consultants,Amravati
4	Vivekanand Santosh Sawai	ZIM Laboratory
5	Akshay Manohar Dupare	New land Laboratories Hyderabad
6	Mayuri Dilip Kakade	Asian Plywood PVT. LTD, Nagpur
7	Naim Mohammad Eshak	3A CHEMIE PVT.LTD
8	Vaibhav P. Bhongade	ZIM Laboratory
9	Nikhil Sahebrao Kandalkar	ZIM Laboratory
10	Shubham Dipak Badukale	ZIM Laboratory
11	Shrirang Prakashrao Zade	Polymer Pvt. Ltd Bharuch
12	Prathamesh J. Deshpande	Chemiker
13	Nikhil Jagtap	Oracity Life Sciences LLP
14	Nikhil S. Mughal	Inventys
15	Devesh M. Ankar	Lupin
16	Prajwal G. Borkar	Allmpus Laboratories Pvt. Ltd.
17	Gulab P. Bhure	Allmpus Laboratories Pvt. Ltd.
18	Alpesh Belsare	ZIM Laboratory
19	Vaishnavi D. Belsare	Allmpus Laboratories Pvt. Ltd.