

B.Sc. (CHEMISTRY)



- 020-67656194
- adm_bsc_chemistry@fergusson.edu
- www.fergusson.edu
- Department of (Chemistry),
Fergusson College, Pune

KICK START YOUR CAREER
CHEMISTRY



Deccan Education Society's
Fergusson College
(Empowered Autonomous Status)
Affiliated to Savitribai Phule Pune University

Why choose B.Sc. Chemistry ?



Qualified and well-experienced
faculty



Mentoring activities



Support towards competitive
examination, higher studies/Ph.D



Opportunities for internships and
campus placement



Program Highlights

- **YEAR 1:** Courses based on pure chemistry, applied chemistry, mentoring, OE, SEC
- **YEAR 2:** Field Project, community engagement, mentoring, OE, VSC
- **YEAR 3:** Mentoring, alumni interaction, guest lectures, FP, OE, VSC, project based OJT
- **YEAR 4:** Support towards competitive examination, Research Project

Syllabus under NEP 2020, full-time course.



Shape Your Future with **CHEMISTRY**



Placements & Skill Development

- Pre-placement training
- Mock interviews
- Aptitude tests
- Group discussions
- Soft skills & communication
- enhancement programs

Course Structure

SEM 1

- Fundamentals of Chemistry I
- Chemistry Practical I

SEM 3

- Physical Chemistry
- Analytical Chemistry
- Chemistry Practical-3
- VSC Industrial Synthetic Chemistry
- SEC Basic Laboratory Skills
- CEP Community Engagement Programme

SEM 5

- Physical Chemistry-I
- Inorganic Chemistry-I
- Organic Chemistry-I
- Elective
- Analytical Chemistry-I
- Laboratory Safety and Waste Management
- Industrial Chemistry-I
- Polymer Chemistry
- Chemistry Practical-7,8,9
- Biochemistry-I (VSE)
- FP Field Project

SEM 2

- Fundamentals of Chemistry II
- Chemistry Practical II
- SEC (Good Laboratory Practices)

SEM 4

- Organic Chemistry
- Inorganic Chemistry
- Chemistry Practical-5
- Introduction to Biomolecules and Spectroscopic Techniques
- SEC Chemical Analysis
- FP Field Project

SEM 6

- Physical Chemistry -II
- Inorganic Chemistry -II
- Organic Chemistry -II
- Elective
- Analytical Chemistry -II
- Environmental Chemistry
- Industrial Chemistry-II
- Pharmacology
- Chemistry Practical -10,11,12
- Biochemistry -II (VSE)
- On Job Training (OJT)

CAREER OPPORTUNITIES

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|-------------------------|--------------------------|
| • Master in chemistry | • Medicinal Chemistry |
| • PhD in chemistry | • Chemical technologies |
| • R&D | • Dyes and Paints |
| • Pharmaceuticals | • Beverages |
| • Chemical Industries | • Energy and Environment |
| • Material Sciences | • Education |
| • Agriculture Chemicals | |
| • Metallurgy | |

Industrial Hiring:

Pharmaceutical industries, Paints, R&D, CRO etc.

Register Now

