

MSC BIOTECHNOLOGY

ENRICH. EQUIP. EXCEL!

Department of Biotechnology (Established in 2007)

The **MSc-Biotechnology** programme offers extensive Biotechnology training in cutting edge techniques and technology to tackle global needs in Biotechnology Research, Product development and Bioentrepreneurship, thus enabling students to prepare for careers both in India and internationally.

HIGHLIGHTS



CURRICULUM (88 credits)

CORE

- Molecular Biology, Genetic Engineering, Functional Genomics & Immunology
- Bioinformatics, Genomics & Proteomics
- Animal Cell Culture, Bioprocess Technology & Pharmaceutical Biotechnology
- Advances in Biotechnology and Biotechnology Enterprise

EXPERIENTIAL LEARNING

- Internship (2 months)
- Research Project (6 months)

ELECTIVE

- Nanotechnology & Plant Biotechnology
- Molecular Oncology & Regulations & Quality Management Systems
- Clinical Drug Development & Application of Informatics in Biotechnology
- Emerging Trends in Biotechnology

ADMISSION DETAILS

Eligibility:

BSc in Biological sciences (Biotechnology /Biochemistry /Botany /Life Science / Microbiology/ Zoology) with Chemistry upto SYBSc level or BSc in Chemistry with Biology Courses upto BSc level.

Admission:

Merit based on Entrance Examination marks and Qualifying BSc Percentage.

Total No of seats: 30

Course Commencement: June 2025

ENTRANCE EXAM DETAILS

Entrance Exam Dates:

May 10th & May 11th 2025

(All over India including Mumbai)

May 16th & May 17th 2025

(Only at St. Xavier's College, Mumbai).

Entrance Examination Pattern:

Computer Based, MCQs
(No negative marking) (Graduate level)

FACILITIES

Well-equipped Laboratory for Modern Biotechnology

- High throughput computing facility for MD simulations and NGS analysis
- Bioinformatics Lab with NGS and Proteomics Facility
- Animal Cell Culture Facility
- Molecular Biology Facility

APPLY NOW!
(Click Here!)

CAREER SCOPE

Higher Education

PhD, MBA, Law and IPR

Research & Development

Fundamental and Applied Biotechnology, Biopharmaceuticals, Bioinformatics, Agri and Food Biotech, Bioprocess industries

Application/Technical Specialist

Drug discovery and development, medical diagnostics, environment biotechnology, bioinformatics, data analyst, biocurators, bio process industries, Agri and Food biotech, Biotech patent Analysis

Scientific Communication

Content Creation, Science Communicators, Scientific Editors, Animators, Illustrators.

FURTHER INFORMATION

WEBSITE

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ADMISSION NOTICE

(Click here!)