



SVKM's

MITHIBAI COLLEGE OF ARTS, CHAUHAN INSTITUTE OF SCIENCE &  
AMRUTBEN JIVANLAL COLLEGE OF COMMERCE AND ECONOMICS (AUTONOMOUS)

NAAC Reaccredited 'A' Grade, CGPA:3.57 (Feb 2016)

Granted under RUSA, FIST-DST & Star College Scheme of DBT, Government of India, Best College (2016-17) University of Mumbai



Education for  
Global employers,  
employees, and  
entrepreneurs

## CONTACT US

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B.Sc.-  
Biochemistry  
(Honours)

# ABOUT MITHIBAI COLLEGE

Mithibai College (Autonomous) is envisaged as a destination for the most talented and promising students, since its inception in 1961. The college has 22 departments of which 14 are postgraduate departments with 9 of them also conducting Ph.D. programmes. The college inculcates values that prepare a student for academic excellence through the paths of critical thinking, a professional work ethic, and the determination to be accountable.

In the last three years, the college has received Rs. 11.82 crores as grants from government bodies such as DBT, DST, UGC, RUSA, and the University of Mumbai.

In 2021, India Today has ranked Mithibai College 1st amongst all Arts and Science colleges in Mumbai and 2nd in Commerce. According to EduWorld, Mithibai College is 7th amongst all Autonomous Colleges in the country & 2nd in the state of Maharashtra.

The focus of the college is on excellence and education with a human touch which has attracted the attention of many. The college provides ample opportunity for career advancement and extracurricular achievements. Graduates from the college excel in scientific research, commercial and entrepreneurial fields, national-level sports, the performing arts, and many more.

Mithibai College is committed to shaping the future Indian citizen, acknowledges, and strives to live up to the faith and confidence of all the aspirants entrusted in us.



Make your passion for  
science, your career  
with B.Sc.-Biochemistry  
(Honours)

# DEPARTMENT OF BIOCHEMISTRY

The department of Biochemistry was established in 1999 and has identified its thrust research areas as the development of nutraceuticals, herb-drug interactions, and biochemical changes due to stress, pollution, and lifestyle. The department has over the years guided students to be University subject toppers.

The department envisages 360-degree growth for its learners and focuses on the development of the holistic persona of an individual. To cater to the millennial generation, multi-modal pedagogical tools are incorporated in the teaching-learning process along with faculty-student and student-student mentoring.

The students are involved in the organization of the intercollegiate academic science festival, 'Luminescence' wherein hundreds of students from various colleges through the length and breadth of Mumbai, participate. In 2020, Luminescence expanded its canvas to become an International Academic Science Intercollegiate.

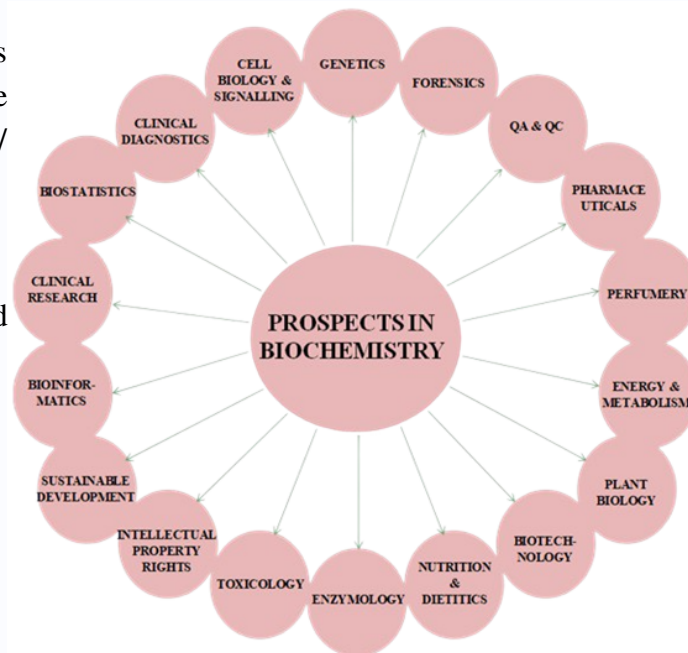
With an aim to nurture students to be globally and socially responsible citizens, various novel awareness campaigns and outreach activities are routinely organized. The students participate in experiential learning through industrial visits and interaction with eminent people in their chosen field.

# Salient features of B.Sc.-Biochemistry (Honours)

- Globally competent syllabi
- The course content is multidisciplinary and aims to develop a range of generic skills that are relevant to being an employee/ employer/ entrepreneur.
- Holistic persona development.
- Hone creative and lateral thinking skills.
- Industry-ready with compulsory internships and research projects.
- Excellent infrastructure and support facilities
- Qualified and dynamic faculty.



# Career prospects with B.Sc.-Biochemistry (Honours)



# Course Content of B.Sc.-Biochemistry (Honours)

- Courses in biochemistry, genetics, immunology, environmental sciences, clinical biochemistry, research methodology, analytical chemistry, chemistry, microbiology, biotechnology, mathematics, computer science, biophysics, entrepreneurship, bioinformatics, as well as communication skills
- Integrated course with two compulsory internships
- Inculcates research aptitude with lateral thinking skills through mandatory research projects

# Admission details

Eligibility: 10+2 from a recognized educational Board

Admission Process: Merit-based

Programme Duration: 3 years

# Programme Structure

Semesters	Credits to be earned
Semester I	20
Semester II	20
Semester III	24
Semester IV	24
Semester V	32
Semester VI	32
<b>Total Number of credits</b>	<b>148</b>

