



MGMUNIVERSITY
AURANGABAD



INSTITUTE OF BIOSCIENCES & TECHNOLOGY

PROFESSIONAL DEGREE PROGRAM

B.TECH. COSMETIC TECHNOLOGY

Professional Degree Awarded	B.Tech. (Bachelor of Technology)
Duration of the Degree Program	Four Years Bachelors Research Program
Semester	Eight (8)
Intake	30
Tuition Fee	Rs.1,10,000/-

PROGRAM OVERVIEW

The program aims to develop a comprehensive understanding of science behind cosmetic technology while also looking at how to succeed in a career in the medical or cosmetic industry. In this program, you will learn about the formulation, manufacturing, analysis and marketing of functional products. This area is mainly dependent on the subject of Chemistry and includes studying raw materials, testing methods and laboratory procedures available worldwide. The program covers all the aspects of Cosmetic Chemistry, Anatomy and Physiology.

PROGRAM DESCRIPTION

Our B Tech Cosmetic Technology Program will enable you to learn about the chemistry behind cosmetic technology while also looking at how to succeed in a career in the industry. Our group enterprise projects, which involve close collaboration with speculators, provide a great opportunity for you to stand out from other graduates. This course is designed to produce graduates who have a concrete understanding of chemistry, technology and business management, along with the enthusiastic skills required to exploit technological advances within a competitive environment.

SPECIAL FEATURES

The course is designed to build a strong foundation comprising of theoretical knowledge as well as specialized practical training to advance the science of cosmetic and toiletries with special emphasis on preparations from herbal and natural origin.

PROGRAM STRUCTURE

- The four-year program has 175 choice-based credits to equate the professional degree
- Specialized experimental training with special attention to each individual through the 'Exploration Workshop'
- Special Open Elective courses for students per semester
- Specialized labs with highly automated instruments
- Interactive learning with e-classrooms
- A complete package with an idea about various fields associated with biotechnology and life sciences

PROGRAM CONTENTS

Wide variety of electives from multiple disciplines with specialization tracks in-

Cosmetic chemistry, Anatomy and physiology, Cosmetic and medical agent from natural source, cosmetic Engineering, Drug and cosmetic law, Pharmacology and toxicology

TEACHING AND LEARNING

- You will stick around in the atmosphere of laboratory, lectures, tutorials and seminars, as well as undertake industrial visits, a group project and a research project to aid the understanding of real-world application.
- Teaching and learning will be delivered using a variety of methods. A typical week in your first year of study will comprise approximately 30 hours of activity, of which approximately 15 hours will be timetabled study, such as interactive/active learning lectures, videos, tutorial sessions, laboratory classes and 15 hours will be independent or self-directed study.
- As you progress through the course, an increasing emphasis will be placed on independent study, and this reflects you applying your knowledge and skills in individual projects.
- The course contains strong practical elements. This commences in year 1 with 'Introduction to laboratory science' (semester 1) and 'Introduction to experimental biology' (semester 2) which will enable you to develop basic experimental and data analysis skills.
- In year 2, the Experimental Design modules (semester 1) will enable you to develop experimental skills, which are closely aligned to your degree programme. In Semester 2, you will take an intensive, degree specific Research Skills Module (RSM) module where you will have the opportunity to learn key experimental skills and design and analyse simple experiments relevant to your degree.
- In year 3, students carry out an independent research project. This can involve laboratory or field-based research or you can opt to conduct a non-laboratory-based project, such as education, business and science media projects. All of these projects contain a research element and will require you to both generate and statistically analyse data.
- In Year 4, you will carry out an independent real time project with industry.

DISABILITY SUPPORT

Practical support and advice for current students and applicants is available from the Disability Advisory and Support Service. Email: admin@mgmibt.com

PLACEMENTS AND CAREER O

Our graduates may choose to work in industry, academia or to work for a cosmetic company. Career options include work as production officer, quality chemist, Quality analysis, or one of many other possibilities, such as in the pharmaceutical sector. You are not limited to the cosmetic industries, however, and may go into a variety of careers. Find out more about how we help our students prepare for the workplace and the careers our graduates go into within and outside the lab.

INDUSTRY COLLABORATION

At the MGMUIBT we know the value of working together. We break down barriers and get involved; we collaborate across disciplines, cultures to solve state, national and global problems; and we transform people's lives by making positive change across India and the world.

Partner with us today, and discover what a difference we could make to your – our – future. We engage with big companies to small scale companies like Probusbio, Ulman Lab, Matrix Life sciences.



Contact us

Admission: <https://mgmu.ac.in/admissions/>

Email: admin@mgmibt.com and director@mgmibt.com; Website: www.mgmibt.com

University website: <https://mgmu.ac.in/>; Mobile: 9921154640

MGM University, established by the widely revered Mahatma Gandhi Mission Trust, is a self-financed State University. It has the 2(f) status of the University Grants Commission of India (UGC) and is approved by the Government of Maharashtra.

MGM Institute of Biosciences & Technology is a constituent college of **MGM University** from 2019. The institute has excellent infrastructure, and students can access all the facilities, in the areas of sports and culture, in the environs of the green, safe, and eco-friendly, **MGM Campus**.