

BSc. BIOTECH 2023



**Asian Institute of Management
and Technology®**

Affiliated to Gauhati University & Dibrugarh University
Approved by Department of Higher Education, Government of Assam

BACHELOR OF BIO-TECHNOLOGY

- Duration - Three years
- Eligibility - 10+2 or equivalent with Biology and Chemistry at +2 level
- Affiliated to Gauhati University
- Approved by Department of Education (Higher), Government of Assam

About the course

If you are interested in establishing a career in the field of biotechnology, be it in research or product and technology development, for large global companies or smaller biotech start-up companies, this can be the course for you.

In addition to the development of specialist research skills and technical expertise, you will develop broader transferable scientific skills. You will develop a critical understanding of key concepts in biotechnology including technologies driving discovery, new product innovation and development as well as the business principles underlying commercialization.

The programme comprises core modules which draw examples from biotechnology related to environment, food and health, and focuses on development of key skills critical to these sectors.

SYLLABUS

First Semester :

- Communicative English (UGC Syllabus)
- Microbiology-I
- Biochemistry-I
- Cell Biology
- Practical

Second Semester :

- Genetics
- Microbiology-II
- Biochemistry-II
- Practical

Third Semester :

- Environmental Studies (UGC Syllabus)
- Biophysical Chemistry
- Molecular Biology
- Instrumentation
- Practical

Fourth Semester

- Genetic Engineering
- Immunology
- Developmental Biology
- Practical

Fifth Semester

- Plant Biotechnology
- Animal Biotechnology
- Biostatistics
- Computer Application and Bioinformatics
- Practical-I (a) Plant and Animal Biotechnology
- Practical-II (Biostatistics and Computer Application and...)

Sixth Semester

- Food and Industrial Biotechnology
- Environmental Biotechnology, Bioethics, Legal Issues,
- Practical
- Project

FEE STRUCTURE

SEMESTER	AMOUNT	
1st Semester	35,000	At the time of Admission
2nd Semester	35,000	
3rd Semester	35,000	
4th Semester	35,000	
5th Semester	35,000	
6th Semester	35,000	
GRAND TOTAL	2,10,000	

NOTE :

● Application Form	: Rs. 500/-	At the time of Admission
● Uniform	: Rs. 6,500/-	
● Library fee	: Rs. 2,000/-	
● Laboratory	: Rs.12,000/-	
● University Registration/Examination Fee	: as per University	

DOCUMENT REQUIRED :

- 10th Marks card & 10th Admit Card
- 12th Marks Card & 12th Pass Certificate (from Board / Council)
- Caste Certificate (for ST/SC/OBC)
- Orignal Migration Certificate (for candidate outside Assam, Other Board / Council)
- Passport size photograph (12 nos.)
- Address proof : PRC / Driving License / Voter ID Card / Adhar Card / Bank Passbook etc.

NOTE : 5 sets of attested photocopies of all the above mentioned documents are to be submitted along with the original of the same.



