

# BSc. MICROBIOLOGY 2023



**Asian Institute of Management  
and Technology®**

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

## BACHELOR OF MICROBIOLOGY

- 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

Microorganisms are by far the most abundant and widely distributed forms of life on this planet. They are indispensable parts of the global and local ecosystems. Without their continuing support, all animal and plant life on the planet would rapidly be driven to extinction. Microorganisms also play crucial roles not only in human health but also in many industries, such as agriculture, horticulture, and biotechnology. The microbiology curriculum will equip students with the expertise necessary to investigate and control microbial activities. Some of the topics taught in Microbiology include :

### SYLLABUS

#### First Semester :

- General Microbiology
- Cell Biology & Biochemistry
- Practical
- Chemistry
- Botany
- English-I

#### Second Semester :

- Microbial Physiology
- Microbial genetics and Evolution
- Practical
- Chemistry
- Botany
- English-II

#### Third Semester :

- Molecular Biology
- Biological Tools and Techniques
- Practical
- Chemistry
- Chemistry (P)
- Botany
- Botany (P)
- Environmental Studies-I

#### Fourth Semester

- Microbial Ecology & Environmental Microbiology
- Agricultural Microbiology
- Practical
- Chemistry
- Chemistry (P)
- Botany
- Botany (P)
- Environmental Studies-II

#### Fifth Semester

- Food Microbiology
- Industrial Microbiology
- Microbial BT & GE
- Bio Stats & Computer Application
- Practical-I
- Practical-II

#### Sixth Semester

- Medical Microbiology
- Immunology
- IPR & Bio-Safety
- Applied Micro
- Practical-I
- Practical-II

## 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	
<b>GRAND TOTAL</b>	<b>2,10,000</b>	

## NOTE :

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

## 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.



