

## MSc Microbiology

- The course is an amalgamation of disciplines ranging from molecular cell biology to immunology and covers industrial and environmental microbiology and offer hands on practical experience in these allied areas
- It highlights the significance of research and its role in attaining scientific investigational tasks
- It provides a cohesive understanding on various techniques employed in microbiology and its affiliated disciplines and provides a research oriented training
- The over intent is to improve the understanding of practical aspects and to validate the practicality at research inclined standards

### Subjects

Semester 1	Semester2	Semester 3	Semester 4
1 General Microbiology & Microbial Physiology (Core) MB 101	1 Molecular Biology and Microbial Genetics (Core) MB 201	1 Food Microbial Technology (Core) MB 301	1 Cell & Molecular Biotechnology (Core) MB 401
2 Virology (Core) MB 102	2 Environmental & Agriculture Microbiology(Core) MB 202	2 Medical Bacteriology (Core) MB 302	2 Medical Virology & Parasitology (Core) MB 402
3 Research Methodology & Techniques (Core) MB 103	3 Immunology (Core) MB 203	3 DSE A. Industrial Microbiology / B. Microbial Proteomics MB 303	3 GE (IDSE) A. Microbial Biotechnology / B. Bioinformatics and Nanotechnology MB 403
4 Microbial Biochemistry (Core) MB 104	4 Pharmaceutical Microbiology (Core) MB 204	4 DSE A. Microbial Ecology & Plant Microbe Interactions / B. Advances in Biotechnology MB 304	4 DSE A. Applied Microbiology / B. Project work MB 404