

DEPARTMENT OF MICROBIOLOGY (2020-2021)

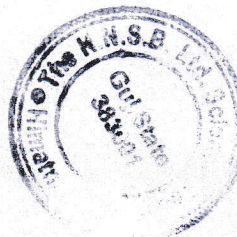
B.Sc Microbiology

First year Course outcomes (New Syllabus)

MB101	Introduction to Microbiology and Microbial Diversity
Course Specific Outcome (Theory)	<ul style="list-style-type: none"> On successful completion of this subject student will gain basic knowledge about Microbiology. Starting from unit 1 to 4 students will be aware of history, basic laboratory techniques and different types of bacterial media, diversity of microorganisms and also know about Physical and chemical method for controlling microorganism.
Practicals	<p>On Successful implementation of Practicals Student will gain knowledge about ,</p> <ul style="list-style-type: none"> Good Laboratory Practices, Media preparation, Principles and applications of different instruments used in microbiology laboratory . Using of Autoclave and Hot air Oven. Mounting of different fungi , Algae and Protozoa
MB-201	Introduction to Bacteriology
Course Specific Outcome (Theory)	<p>The Subject will provide knowledge about ,</p> <ul style="list-style-type: none"> Cell structure and organization of Bacteria Techniques for isolating bacteria Growth and Nutrition And lastly reproduction of bacteria
Practicals	<p>On Successful implements of Practicals Student will gain knowledge about ,</p> <ul style="list-style-type: none"> Preparation of different Culture medias including EMB and Macconkey's Agar medium Different staining methods including Simple, Gram's, Endospore , capsule and Acid fast staining. Different isolation techniques and estimation of CFUs And in last study of motility by Hanging drop Method

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Head

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[Signature]
Convener

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