

Rajarshi Shahu Mahavidyalaya, (Autonomous) Latur
Department of Microbiology
Teaching Plan 2024-25

Name of the Faculty: R.S. Gudda
Subject: Microbiology
Class: B.Sc I
Course Title: Introductory Microbiology



Unit	Chapter to be covered	No. of Lectures	Date	Academic activities to be organized	Test/ Assignment
I	Scope of Microbiology	10	10/07/2024 to 05/08/2024	Seminar	Class test
II	Historical developments in microbiology	12	06/08/2024 to 04/09/2024	Poster presentation	Assignment
III	Types of microorganisms and their characteristics	13	09/09/2024 to 07/10/2024	Quiz	Assignment
IV	Taxonomy of Microbes	10	08/10/2024 to 24/10/2024	Quiz	Class test


Subject Teacher


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(Dept. of Microbiology)
Rajarshi Shahu Mahavidyalaya
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Name of the Faculty: R.S. Gudda
Subject: Microbiology
Class: M.Sc I
Course Title: Advances in Virology



Unit	Chapter to be covered	No. of Lectures	Date	Academic activities to be organized	Test/ Assignment
I	Classification, Cultivation and Detection of Viruses	12	16/07/2024 to 05/08/2024	Seminar	Class test
II	Multiplication of Viruses	12	06/08/2024 to 03/09/2024	Poster presentation	Assignment
III	Viral Pathogenesis	12	04/09/2024 to 30/09/2024	Virus model presentation	Assignment
IV	Bacterial Viruses , Viral vaccines and antiviral drugs	09	01/10/2024 to 23/10/2024	Quiz	Class test

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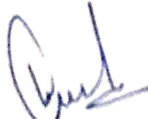
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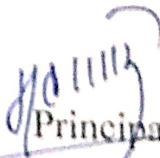


Name of the Faculty: R.S. Gudda
Subject: Microbiology
Class: M.Sc II
Course Title: Immunology

Unit	Chapter to be covered	No. of Lectures	Date	Academic activities to be organized	Test/ Assignment
I	Organs and Cells of Immune System	12	11/07/2024 to 03/08/2024	Seminar	Class test
II	Antigens and Antibodies	11	08/08/2024 to 31/08/2024	Quiz	Assignment
III	Organization and Expression of Immunoglobulin genes.	11	05/09/2024 to 28/09/2024	Poster presentation	Assignment
IV	Immunity and Immune Response	11	27/09/2024 to 24/10/2024	Seminar	Class test


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Name of the Faculty: **R.S. Gudda**
Subject: Microbiology
Class: B.Sc II (DSC)
Course Title: Medical Microbiology

Unit	Chapter to be covered	No. of Lectures	Date	Academic activities to be organized	Test/ Assignment
I	Disease process and kinds of diseases	12	5/12/24 to 28/12/24	Seminar	Class test
II	Study of following diseases	12	2/1/25 to 25/1/25	Quiz	Assignment
III	Study of the Fungal and mosquito borne diseases	11	31/1/25 to 27/2/25	Quiz	Assignment
IV	Study of following viral diseases	10	28/2/25 to 27/3/25	Poster presentation	Class test


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Name of the Faculty: R.S. Gudda
 Subject: Microbiology
 Class: M.Sc I (MMC)
 Course Title: Microbial Metabolism

Unit	Chapter to be covered	No. of Lectures	Date	Academic activities to be organized	Test/ Assignment
I	Thermodynamics and Bioenergy Transduction	12	9/12/24 to 8/1/25	Seminar	Class test
II	Carbohydrate Metabolism	12	13/1/25 to 5/2/25	Poster presentation	Assignment
III	Metabolism of Organic Nitrogenous Compounds	12	10/2/25 to 5/3/25	Seminar	Assignment
IV	Metabolism of lipids and hydrocarbons	09	10/3/25 to 26/3/25	Quiz	Class test


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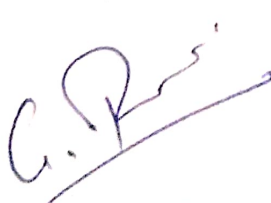

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Name of the Faculty: R.S. Gudda
 Subject: Microbiology
 Class: M.Sc II (MMC)
 Course Title: Fermentation Technology

Unit	Chapter to be covered	No. of Lectures	Date	Academic activities to be organized	Test/ Assignment
I	Microbial Fermentations	12	5/12/24 to 28/12/24	Seminar	Class test
II	Microbial production of therapeutic compounds	12	2/1/25 to 25/1/25	Quiz	Assignment
III	Modern trends in microbial production	12	31/1/25 to 27/2/25	Poster presentation	Assignment
IV	Intellectual Property Rights (IPR), Patents	9	28/2/25 to 27/3/25	Seminar	Class test


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