



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)
Department of Microbiology

Teaching Plan

Timetable Duration: July 2025 to November 2025

Name of the Teacher: Ms. V. R. Hanwate

Details of Classes to be taught

Class	Course Title	Course Code	Semester	Credit	Total Teaching Hrs
M.Sc. I	Enzyme Technology	601MIB1102	I	3	45

Summary of Lesson Plan

Unit	Chapter to be Covered	Expected No. of Lectures	Date	Academic Activities to be Organized	No. of Test/ Assignment
I	Enzyme as a biocatalyst and Enzyme Engineering	12	16/07/2025 to 06/08/2025	Quiz	Class Test
II	Enzyme Kinetics and Enzyme Inhibition	12	11/08/2025 to 03/09/2025	Poster presentation	CAT-I
III	Extraction and Purification of Microbial Enzyme	12	08/09/2025 to 01/10/2025	Field Survey	CAT-II
IV	Immobilization and Applications of Microbial enzymes	09	06/10/2025 to 17/10/2025	Seminars	CAT-III

Teacher

HOD
Dept. of Microbiology
Rajarshi Shahu Mahavidyalaya
Latur - 413 012

Principal



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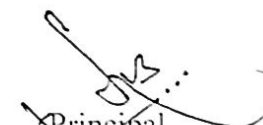
Class	Course Title	Course Code	Semester	Credit	Total Teaching Hrs
M.Sc.II	Bioprocess Engineering	602MIB3103	III	3	45

Summary of Lesson Plan

Unit	Chapter to be Covered	Expected No. of Lectures	Date	Academic Activities to be Organized	No. of Test/ Assignment
I	Introduction to Industrial Bioprocess Engineering and Bioreactors	12	26/06/2025 To 19/07/2025	Quiz	Class Test
II	Mass Transfer and Sterilization	12	24/07/2025 To 23/08/2025	Seminars	CAT-I
III	Upstream processing	12	28/08/25 To 25/09/2025	Poster presentation	CAT-II
IV	Down Stream Processing	9	26/09/2025 To 17/10/2025	Field Survey	CAT-III


Teacher


Principal
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Latur - 413 512


Principal



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)
Department of Microbiology
Structured Work Plan
Academic Year 2025-26


Name of the Teacher: Ms.V.R. Hanwate

Details of Classes to be taught

Class	Course Title	Course Type	Course Code	Semester	Credit	Total Teaching Hrs.
B.Sc.III	Industrial Microbiology	DSE	301MIB6201	VI	3	45

Summary of Lesson Plan

Unit	Units to be Covered	Expected No. of Lectures	Date	Academic Activities to be Organized	No. of Test/ Assignment
I	Introduction To Industrial Microbiology and Fermentation processes	9	04/12/2025 to 20/12/2025	Seminars	CAT-I
II	Isolation Of Industrially Important microbial strains	12	25/12/2025 to 21/01/2026	Class Test	CAT-II
III	Downstream Processing	12	27/01/2026 to 18/02/2026	Poster presentation	CAT-III
IV	Microbial Production of Industrial Products	12	02/03/2026 to 31/03/2026	Quiz	SEE


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Principal



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Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)
Department of Microbiology
Structured Work Plan
Academic Year 2025-26


Name of the Teacher: Ms. V.R. Hanwate


Details of Classes to be taught

Class	Course Title	Course Type	Course Code	Semester	Credit	Total Teaching Hrs.
M.Sc.I	Microbial Diversity and Extremophiles	MMC	601MIB2103	II	3	45

Summary of Lesson Plan

Unit	Units to be Covered	Expected No. of Lectures	Date	Academic Activities to be Organized	No. of Test/ Assignment
I	Biodiversity and Thermophiles	12	04/12/25 to 01/01/26	Seminar	CAT-I
II	Acidophiles and Alkalophiles	12	02/01/26 to 24/01/26	Poster Presentation	CAT-II
III	Psychrophiles	12	29/01/26 to 27/02/26	Student Presentation	CAT-III
IV	Halophiles and Barophiles	09	28/02/26 to 27/03/26	Quiz	SEE


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Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)

Department of Microbiology

Structured Work Plan

Academic Year 2025-26


Name of the Teacher: Ms. V.R. Hanwate

Details of Classes to be taught


Class	Course Title	Course Type	Course Code	Semester	Credit	Total Teaching Hrs.
M.Sc.II	Bioinstrumentation	MMC	601MIB4203	IV	3	45

Summary of Lesson Plan

Unit	Units to be Covered	Expected No. of Lectures	Date	Academic Activities to be Organized	No. of Test/ Assignment
I	Laboratory techniques	12	01/12/25 to 24/12/25	Seminar	CAT-I
II	Chromatography Techniques	12	29/12/25 to 28/01/26	Poster presentation	CAT-II
III	Electrophoretic Techniques	12	02/02/26 to 02/03/26	Student Presentation	CAT-III
IV	Spectroscopic and Radio-isotopic Techniques	9	09/03/26 to 25/03/26	Quiz	SEE


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