



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)
Department of Microbiology
Structured Work Plan
Academic Year 2026-27

Name of the Teacher: Mr. Aditya A. Kadam

Details of Classes to be taught

Class	Course Title	Course Type	Course Code	Semester	Credit	Total Teaching Hrs.
M. Sc. I	Biochemistry	MMC	601MIB1102	1	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	Chemical Foundations of Biochemistry	12	09/07/26 to 06/08/26	Book Reading	CAT-I
II	Structure and Function of Biomolecules - I	11	07/08/26 to 04/09/26	Quiz	CAT-II
III	Structure and Function of Biomolecules - II	11	05/09/26 to 01/10/26	PPT Presentation	CAT-III
IV	Nucleic Acids: Structure and Stability	11	03/10/26 to 17/10/26	Descriptive Test	SEE

Teacher

Aditya

HOD

Dept. of Microbiology
Rajarshi Shahu Mahavidyalaya
Latur

Principal

Rajarshi Shahu Mahavidyalaya
(Autonomous), Latur

(Autonomous) Latur



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

Department of Microbiology
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Name of the Teacher: Mr. Aditya A. Kadam

Details of Classes to be taught

Class	Course Title	Course Type	Course Code	Semester	Credit	Total Teaching Hrs.
M.Sc. II	Advanced Molecular Biology	MMC	602MIB3102	III	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	Enzymes of rDNA Technology	12	06/07/26 to 29/07/26	Research Paper Review	CAT-I
II	Cloning and Screening Methodologies	11	03/08/26 to 25/08/26	Poster Presentation	CAT-II
III	Nucleic Acid Amplification, Sequencing, and Hybridization Techniques	12	01/09/26 to 29/09/26	Quiz	CAT-III
IV	Applications of rDNA Technology and Legal Issues	09	05/10/26 to 21/10/26	Descriptive Test	SEE

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Department of Microbiology

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Details of Classes to be taught

Class	Course Title	Course Type	Course Code	Semester	Credit	Total Teaching Hrs.
B.Sc. III	Quality Control in Packed Drinking Products	VSC III	301MIB5501	V	2	45

Summary of Lesson Plan

Unit	Units to be Covered	Expected No. of Lectures	Date	No. of Test/ Assignment
I	Quality Control in Beverage Production	15	02/07/26 to 22/10/26	CAT-I/CAT-II
II	Practicals	30	03/07/26 to 16/10/26	SEE

Aditya A. Kadam
Teacher

Dr. D. D. Kadam
HOD
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Dr. D. D. Kadam
Principal
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(Autonomous), Latur



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

Department of Microbiology

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Name of the Teacher: Mr. Aditya A. Kadam

Details of Classes to be taught

Class	Course Title	Course Type	Course Code	Semester	Credit	Total Teaching Hrs
M.Sc. I	Microbial Physiology	MMC	601MIB1101	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	Bacterial Chemolithotrophs and Photographs	12	30/07/26 to 14/08/26	Quiz	CAT-I
II	Bacterial Respiration	12	20/08/26 to 12/09/26	Model Exhibition	CAT-II
III	Bacterial Permeation	12	19/09/26 to 08/10/26	Assignment	CAT-III
IV	Microbial Stress Responses	09	09/10/26 to 21/10/26	Seminar	SEE

Aditya
Teacher

Head
Dept. of Microbiology,
Rajarshi Shahu Mahavidyalaya

Principals
Rajarshi Shahu Mahavidyalaya