



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur
(Empowered Autonomous Institution)
Faculty of Science and Technology
Department of Biotechnology
Teaching Plan Report
Academic Year: 2026-27(Odd Semester)

Name of the Teacher : Dr.Manisha Dhotre

Details of Classes to be taught

Class	Year	Semester	Division	Course Type	Course Title	Course Code	Credit	Total Teaching Hours
B.Sc.BT.II	Second	III	A	DSC	Metabolism	201BIO3102	3	45

Summary of Lesson Plan

Unit No.	Unit and Chapters to be Covered	No. of Lectures	Date From	Date To	Academic activities to be Organized	No. of Test / Assignment
I	Unit 1: Metabolism and Respiration	11	19/06/2026	16/07/2026	Quiz and ICT-enabled Teaching	Online MCQ Test
II	Photosynthesis	11	17/07/2026	14/08/2026	Activity-based Learning	CAT I 27.07.2026 Activity-Based Learning through Case Study
III	Carbohydrate and Lipid Metabolism	12	17/08/2026	19/09/2026	Quiz and ICT-enabled Teaching	CAT II 17.08.2026 Reference Book Chapter Review
IV	Amino Acid and Nucleotide Metabolism	11	21/09/2026	21/10/2026	Quiz and ICT-enabled Teaching, Activity Based Problem Solving	CAT III 21.09.2026 MCQ

Teacher

HOD

Department of Biotechnology
Rajarshi Shahu Mahavidyalaya
(Autonomous) Latur-413 531

Principal
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)



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Name of the Teacher : Dr.Manisha Dhotre

Details of Classes to be taught

Class	Year	Semester	Division	Course Type	Course Title	Course Code	Credit	Total Teaching Hours
M.Sc.BT II	Second	III	A	MMC	Microbial Biotechnology	601BIO3102	3	45

Summary of Lesson Plan

Unit No.	Unit and Chapters to be Covered	No. of Lectures	Date From	Date To	Academic activities to be Organized	No. of Test / Assignment
I	Microbial Production of Biochemicals	11	19/06/2026	17/07/2026	Quiz and ICT-enabled Teaching	Online MCQ Test
II	Microbial Production of Pharmaceuticals	11	18/07/2026	19/08/2026	Activity-based Learning	CAT I 27.07.2026 Activity-Based Learning through Case Study
III	Environmental Applications of Microbes	10	20/08/2026	19/09/2026	Skill Based Learning	CAT II 17.08.2026 Curriculum-Based Research Paper Review
IV	Microbial Enzyme Production and Biotransformation	13	21/09/2026	21/10/2026	Quiz and ICT-enabled Teaching, Activity Based Problem Solving	CAT III 21.09.2026 MCQ

Teacher

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Head

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