



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

Timetable Duration: July 2025 to November 2025

Name of the Teacher: **Dnyanoba Rambhau Awad**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B. Sc. I	A	Biodiversity of Cryptogams and Gymnosperms	101BOT1101	45

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic Activities to be Organized	No. of Test/ Assignment
Unit-I: Bacteria and Viruses	12	07/07/2025 To 30/07/2025	Inauguration of Students Symbiosis	--
Unit-II: Fungi	10	04/08/2025 To 25/08/2025	Collection of Cryptogams	CAT-I
UNIT- III: Algae and Bryophytes	10	26/08/2025 To 16/09/2025	Group Discussion	Midterm
UNIT-IV: Pteridophytes and Gymnosperms	13	22/09/2025 To 15/10/2025	Surprise Test	CAT-II

Dnyanoba
Teacher

[Signature]
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 UG, PG and Research Centre
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B. Sc. III	A	VSC-III: Horticulture	301BOT5501	15

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic Activities to be Organized	No. of Test/ Assignment
UNIT – I: Horticulture	3	04/07/2025 To 18/07/2025	Collection of information of Horticulture Crop	--
UNIT–II: Propagation Methods-I	3	25/07/2025 To 08/08/2025	Visit to Nursery	CAT-I
UNIT–III: Propagation Methods-II	4	29/08/2025 To 26/09/2025	Group Discussion	Midterm
UNIT–IV: Maintenance of Horticultural Crops	3	03/10/2025 To 17/10/2025	--	CAT-II

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Class	Division	Course Title	Course Code	Total Teaching Hrs
M. Sc. II	A	Plant Biotechnology and Genetic Engineering	602BOT3103	45

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic Activities to be Organized	No. of Test/ Assignment
UNIT – I: Plant tissue culture	11	23/06/2025 To 15/07/2025	Inauguration of Students Symbiosis	Collection of information of scientist working in plant tissue culture
UNIT–II: Recombinant DNA technology and gene cloning	11	16/07/2025 To 11/08/2025	Visit to Biotech Lab	CAT-I
UNIT–III: Gene libraries and Screening of recombinants	12	12/08/2025 To 09/09/2025	Guest Lecture	Midterm
UNIT–IV: Genetic transformation of plant	11	10/09/2025 To 10/10/2025	Group Discussion	CAT-II

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Class	Division	Course Title	Course Code	Total Teaching Hrs
M. Sc. I	A	Biochemistry and Metabolism of Biomolecules	601BOT1103	45

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic Activities to be Organized	No. of Test/ Assignment
Unit-I: Molecules and their Interaction	11	17/07/2025 To 07/08/2025	Inauguration of Students Symbiosis	--
Unit-II: Structure and Functions of Bio- molecules	11	09/08/2025 To 06/09/2025	Surprise test	CAT-I
Unit - III: Enzymology	12	11/09/2025 To 03/10/2025	Guest Lecture	Midterm
Unit-IV: Metabolism	11	04/10/2025 To 17/10/2025	Group Discussion	CAT-II

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