

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

Department of Botany
Structured Work Plan for Teaching Even Semester
(Academic Year 2025-26)



Name of the Teacher: Mr. Dnyanoba R. Awad

Sr. No.	Class	Semester	Subject	Course Title	Course code	No. of Credits	Total Teaching Hrs
1	B. Sc. I	II	Botany	VSC-II: Organic Farming	101 BOT 2501	2	15 + 30 = 45

Summary of Lesson Plan

Sr. No.	Subject	Unit and Chapter to be covered	Date	No. of Lectures (15)	Academic activities to be organized	No. of Test / Assignment with topic and date
1	UNIT - I:	Organic Farming	03/12/25 To 24/12/25	04		
2	UNIT - II:	Organic Fertilizers	31/12/25 To 28/01/26	04	Visit to KVK, Latur	CAT-I
3	UNIT - III:	Plant Nutrients	04/02/26 To 25/02/26	04	Quiz	CAT-II
4	UNIT - IV:	Organic Manure	11/03/26 To 25/03/26	03	Class Test	CAT-III

Awad
Teacher

Awad
Head

Department of Botany
UG, PG and Research Centre
Rajarshi Shahu Mahavidyalaya (Autonomous),
Latur-413 512

Awad
Principal
Rajarshi Shahu Mahavidyalaya, Latur
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Sr. No.	Class	Semester	Subject	Course Title	Course code	No. of Credits	Total Teaching Hrs
1	B. Sc. I	II	Botany	DSC-IV: Histology, Anatomy and Embryology of Angiosperms	101 BOT 2102	3	45

Summary of Lesson Plan

Sr. No.	Subject	Unit and Chapter to be covered	Date	No. of Lectures (45)	Academic activities to be organized	No. of Test / Assignment with topic and date
1	UNIT - I:	Histology	04/12/25 To 01/01/26	12	Guest Lecture	
2	UNIT - II:	Anatomy	02/01/26 To 29/01/26	12	Woolen Model Exhibition	CAT-I
3	UNIT - III:	Embryology-I	30/01/26 To 21/02/26	11	Quiz	CAT-II
4	UNIT - IV:	Embryology-II	26/02/26 To 28/03/26	10	Class Test	CAT-III

Mr. Dnyanoba R. Awad
Teacher

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Name of the Teacher: Mr. Dnyanoba R. Awad

Sr. No.	Class	Semester	Subject	Course Title	Course code	No. of Credits	Total Teaching Hrs
1	M. Sc. I	II	Botany	MMC-IV: Diversity of Pteridophytes, Gymnosperms and Fossil Plants	601 BOT 2101	3	45

Summary of Lesson Plan

Sr. No.	Subject	Unit and Chapter to be covered	Date	No. of Lectures (45)	Academic activities to be organized	No. of Test / Assignment with topic and date
1	UNIT - I:	Pteridophytes-I	01/12/25 To 22/12/25	10	Guest Lecture	
2	UNIT - II:	Pteridophytes-II	23/12/25 To 20/01/26	12	Poster Presentation	CAT-I
3	UNIT - III:	Gymnosperms	21/01/26 To 18/02/26	11	Quiz	CAT-II
4	UNIT - IV:	Paleobotany	23/02/26 To 30/03/26	12	Class Test	CAT-III

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Name of the Teacher: Mr. Dnyanoba R. Awad

Sr. No.	Class	Semester	Subject	Course Title	Course code	No. of Credits	Total Teaching Hrs
1	M. Sc. II	IV	Botany	MMC-XII: Immunology, Plant Nanotechnology and Forensic Botany	602 BOT4102	3	45

Summary of Lesson Plan

Sr. No.	Subject	Unit and Chapter to be covered	Date	No. of Lectures (45)	Academic activities to be organized	No. of Test / Assignment with topic and date
1	UNIT - I:	Plant Nanotechnology and its Concepts	01/12/25 To 22/12/25	10	Guest Lecture	
2	UNIT - II:	Forensic Botany	23/12/25 To 20/01/26	12	Poster Presentation	CAT-I
3	UNIT - III:	Immunology-I	21/01/26 To 18/02/26	11	Quiz	CAT-II
4	UNIT - IV:	Immunology-II	23/02/26 To 30/03/26	12	Class Test	CAT-III

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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
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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Teaching Plan

Timetable Duration: July 2025 to November 2025

Name of the Teacher: Dnyanoba Kamblanu Awarad

Details of Classes to be taught

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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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. 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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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. 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

Dnyanoba
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