

**Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur
Empowered Autonomous Institution**

Department of Botany

Structured Work Plan for Teaching Odd Semester

(Academic Year 2026-27)

Details of Class to be taught

Name of the Teacher: Mr. D. R. Awad

Sr. No.	Class	Semester	Subject	Course Title	Course code	No. of Credits	Total Teaching Hrs
I	M. Sc. II	III	Botany	MMC-IX: Plant Biotechnology and Genetic Engineering	602BOT3103	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
01	UNIT - I	Plant tissue culture	19/06/26 To 17/07/26	11	--	Collection of information of scientist working in plant tissue culture
02	UNIT - II	Recombinant DNA technology and gene cloning	18/07/26 To 14/08/26	11	Visit to Biotech Lab	CAT-I
03	UNIT - III	Gene libraries and Screening of recombinants	20/08/26 To 12/09/26	12	Guest Lecture	Midterm
04	UNIT - IV	Genetic transformation of plant	18/09/26 To 17/10/26	11	Group Discussion	CAT-II

Dr. D. R. Awad
Teacher

Dr. D. R. Awad
Head

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

LATUR-413002

Dr. D. R. Awad
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)



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1	B. Sc. I	I	Botany	DSC-I: Biodiversity of Cryptogams and Gymnosperms	101 BOT 1101	3	45

Summary of Lesson Plan

Sr. No.	Unit	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	Bacteria and Viruses	1/07/26 To 28/07/26	12		
2	UNIT - II	Fungi	29/07/26 To 01/08/26	10	Collection of Cryptogams	CAT-I
3	UNIT - III	Algae and Bryophytes	24/08/26 To 22/09/26	10	Group Discussion	Midterm
4	UNIT - IV	Pteridophytes And Gymnosperms	23/09/26 To 27/10/26	13	Surprise Test	CAT-II

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Teacher

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Awad
Principal

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1	M. Sc. I	I	Botany	MMC-III: Biochemistry and Metabolism of Biomolecules	601BOT1103	3	45

Summary of Lesson Plan

Sr. No.	Unit	Chapter to be covered	Date	No. of Lectures (45)	Academic activities to be organized	No. of Test / Assignment with topic and date
01	Unit-I	Molecules and their Interaction	02/07/26 To 24/07/26	11	--	--
02	Unit -II	Structure and Functions of Biomolecules	25/07/26 To 21/08/26	11	Surprise test	CAT-I
03	Unit - III	Enzymology	22/08/26 To 25/09/26	12	Guest Lecture	Midterm
04	Unit -IV	Metabolism	26/07/26 To 24/10/26	11	Group Discussion	CAT-II

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1	B. Sc. III	V	Botany	VSC-III: Horticulture	301 BOT 5501	1	15

Summary of Lesson Plan

Sr. No.	Unit	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:	Horticulture	2/07/26 To 24/07/26	03		
2	UNIT - II:	Propagation Methods-I	31/07/26 To 21/08/26	03	Visit to Nursery	CAT-I
3	UNIT - III:	Propagation Methods-II	28/08/26 To 18/09/26	04	Group Discussion	Midterm
4	UNIT - IV:	Maintenance of Horticultural Crops	25/09/26 To 23/10/26	03		CAT-II

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