



Shiv Chhatrapati Shikshan Sanstha's

Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

Department of Botany

Structured Work Plan for Teaching Odd Semester

(Academic Year 2024-25)

Sr. No.	Class	Name of the Teacher	Subject	Paper and Course Code
01	M. Sc. I	Mr. D. R. Awad	Botany	: Biochemistry and Metabolism of Biomolecules Course Code : 601BOT1103

Details of Class to be taught

Sr. No.	UNIT	Unit 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	01-08-24 To 22-08-24	11		
02	Unit -II	Structure and Functions of Biomolecules	23-08-24 To 19-09-24	11	Surprise test	CAT-I
03	Unit - III	Enzymology	20-09-24 To 05-10-24	12	Guest Lecture	Midterm
04	Unit -IV	Metabolism	10-10-24 To 24-10-24	11		CAT-I


Teacher


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Details of Classes to be taught

Sr. No.	Class	Name of Assit. Prof.	Subject	Course code	Paper
1	B.Sc.I	D.R.Awad	Botany	101 BOT 1101	Biodiversity of Cryptogams and Gymnosperms

Summary of Lesson Plan

Sr. No.	Subject	Unit and Chapter to be covered	Date	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic and date
1	UNIT – I:	BACTERIA AND VIRUSES	08/07/24 To 26/07/24	12		
2	UNIT – II:	FUNGI	31/07/24 To 23/08/24	10	Collection of Cryptogams	Activity Based Test-I
3	UNIT – III:	ALGAE AND BRYOPHYTES	28/08/24 To 18/09/24	10	Group Discussion	Activity Based Test-II
4	UNIT – IV:	PTERIDOPHYTES AND GYMNOSPERMS	20/09/24 To 18/10/24	13	Surprise Test	


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Details of Classes to be taught

Sr. No.	Class	Name of Assit. Prof.	Subject	Course code	Course Title
1	M.Sc.II	D.R.Awad	Botany	602BOT3103	Plant Biotechnology and Genetic Engineering

Summary of Lesson Plan

Sr. No.	Subject	Unit and Chapter to be covered	Date	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic and date
01	Credit I:	Plant tissue culture	01-07-24 To 27-07-24	11	Students seminars	Collection of information of scientist working in plant tissue culture
02	Credit II:	Recombinant DNA technology and gene cloning	01-08-24 To 24-08-24	11	Visit to Biotech Lab Activity Based	Activity Based Test-I
03	Credit III:	Gene libraries and Screening of recombinants	29-08-24 To 27-09-24	12	Guest Lecture	Surprise Test
04	Credit IV:	Genetic transformation of plant	28-09-24 To 19-10-24	11	Group Discussion	Activity Based Test-II


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Timetable Duration : December 2024 to March 2025


Name of the Teacher : **Dnyanoba Awad**

Details of Classes to be taught

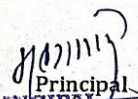
Class	Division	Course Title	Course Code	Total Teaching Hrs
M. Sc II	A	Immunology, Plant Nanotechnology and Forensic Botany	602BOT4102	45

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 NANOTECHNOLOGY AND ITS CONCEPTS	10	05/12/2024 To 26/12/2024	Guest Lecture	--
Unit-II: INTRODUCTION TO FORENSIC BOTANY	12	27/12/2024 To 23/01/2025	Surprise Test	CAT-I
Unit-III: IMMUNOLOGY-I	11	24/01/2025 To 15/02/2025	Quiz Competition	Mid-Term
Unit IV: IMMUNOLOGY-II	12	20/02/2025 To 28/03/2025	Farewell Function	CAT-II


 Teacher
 D.R. Awad


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Teaching Plan



Timetable Duration : December 2024 to March 2025

Name of the Teacher : **Dnyanoba Awad**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
M. Sc 1	A	Diversity of Pteridophytes, Gymnosperms, and Fossil Plants	601BOT2101	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: Pteridophytes-I	10	09/12/2024 To 31/12/2024	Guest Lecture	--
Unit-II: Pteridophytes-II	12	01/01/2025 To 29/01/2025	Field Visit	CAT-I
Unit-III: Gymnosperms	11	03/02/2025 To 03/03/2025	Quiz Competition	Mid-Term
Unit IV: Paleobotany	12	04/03/2025 To 26/03/2025	Farewell Function	CAT-II

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Teacher
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Timetable Duration : December 2024 to March 2025

Name of the Teacher : Dnyanoba Awad

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B. Sc I	A	Organic Farming	101BOT2501	30

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: Organic Farming	4	09/12/2024 To 16/12/2024	--	--
Unit-II: Organic Fertilizers	4	06/01/2025 To 13/01/2025	Field Visit	CAT-I
Unit-III: Plant Nutrients	4	03/02/2025 To 10/02/2025	Quiz Competition	Mid-Term
Unit IV: Organic Manure	3	10/03/2025 To 17/03/2025	Farewell Fuction	CAT-II

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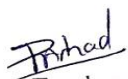
Name of the Teacher : Dnyanoba Awad


Details of Classes to be taught

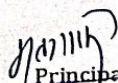
Class	Division	Course Title	Course Code	Total Teaching Hrs
B. Sc I	A	Histology, Anatomy and Embryology of Angiosperms	101BOT2102	45

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 : Histology	12	09/12/2024 To 06/01/2025	Guest Lecture	--
Unit-II: Anatomy	12	07/01/2025 To 04/02/2025	Field Visit	CAT-I
Unit-III: Embryology-I	11	05/02/2025 To 10/03/2025	Quiz Competition	Mid-Term
Unit IV: Embryology-II	10	11/03/2025 To 26/03/2025	Farewell Function	CAT-II


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