



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

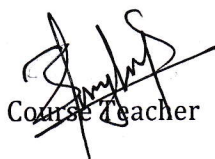
Department of Biotechnology
Structured Work Plan for Teaching
Academic Year 2024-25 (Term-I)


1.Details of Classes to be taught

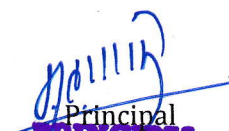
Class	Name of Teacher	Subject	Course Title and Code	Lab Course and Code	Total Lectures
B.Sc. BT. I (I Sem.)	Mr. Akash J. Waghmare	Biotechnology	Fundamental of Mathematics 101BIO1401		60 (4-Credits)

2.Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No of Test/ Assignment with topic and date
1	Unit I: Coordinates Systems and Graphs of Equations	13	03.07.2024 to 22.07.2024	Group Discussion	CAT-1
2	Unit II: Intersection of Graphs, Symmetry and Functions	15	23.07.2024 to 16.08.2024	Quiz	Unit Test II
3	Unit III: Limit and Continuity	16	17.08.2024 to 04.19.2024	Guest Lecture	Surprise Test
4	Unit IV: Derivatives and Applications	16	03.10.2024 to 24.10.2024	Surprise Test	CAT -2


Course Teacher


Head
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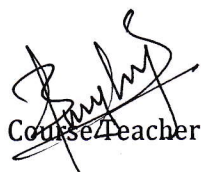
Department of Biotechnology
Structured Work Plan for Teaching
Academic Year 2024-25 (Term-I)

1.Details of Classes to be taught

Class	Name of Teacher	Subject	Course Title and Code	Total Lectures
M.Sc. BT. I (I Sem.)	Mr. Akash J. Waghmare	Biotechnology	Research Methodology Course	60 (4-Credits)

2.Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No of Test/ Assignment with topic and date
1	Unit I: Introduction to Research Methodology	13	18.07.2024 to 05.08.2024	Group Discussion	CAT-1
2	Unit II: Research Design and Sampling	15	06.08.2024 to 23.08.2024	Guest Lecture	Unit Test II
3	Unit III: Data Collection and Analysis	16	24.08.2024 to 09.09.2024	workshop	Surprise Test
4	Unit IV: Technical Skills for Research	16	10.09.2024 to 24.10.2024	Quiz	CAT -2


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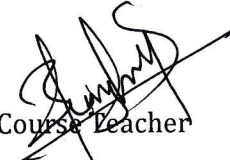
Department of Biotechnology
Structured Work Plan for Teaching
Academic Year 2024-25 (Term-I)


1.Details of Classes to be taught

Class	Name of Teacher	Subject	Course Title and Code	Total Lectures
M.Sc. BT. I (III Sem.)	Mr. Akash J. Waghmare	Biotechnology	Good Laboratory Practices	45 (3-Credits)

2.Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No of Test/ Assignment with topic and date
1	Unit I: Introduction to GLP	08	09.07.2024 to 23.07.2024	Group Discussion	CAT-1
2	Unit II: Antibacterial, Antifungal and Antiviral Drugs	12	24.07.2024 to 16.08.2024	Guest Lecture	Unit Test II
3	Unit III: Drug Discovery, Development and Targeting	14	17.08.2024 to 14.09.2024	workshop	Surprise Test
4	Unit IV: Clinical Trials, Regulatory Guidelines and Pharmacopoeia.	11	16.09.2024 to 24.10.2024	Quiz	CAT -2


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Department of Department of Biotechnology
Teaching Plan

Timetable Duration : December 2024 to March 2025

Name of the Teacher : **Akash Waghmare**


Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc. BT. - I	A	Fundamentals of Statistics	101MAE1401	60

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Introduction to Statistics and Presentation of data	15	07/12/2024 To 08/01/2025	Discussion on Topics	MCQ TEST
Measures of Central Tendencies	16	09/01/2025 To 31/01/2025	Quiz	Surprise Test
Measures of Dispersion	15	01/02/2025 To 28/02/2025	Discussion on Topics	Surprise Test
Correlation Analysis	14	01/03/2025 To 30/03/2025	Seminar	MCQ Test


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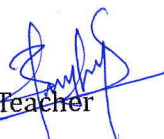
Name of the Teacher : Akash Waghmare

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc. BT. - II	A	SEC-Good Laboratory Practices	201BIO3601	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
Introduction to GLP	3	06/12/2024 To 27/12/2024	Seminar	Online MCQ Test
Safety In Laboratory	4	28/12/2024 To 24/01/2024	Group Discussion	Activity Based Test-I
Laboratory Sampling	4	25/01/2025 To 21/02/2025	Quiz	Surprise Test
Laboratory Managements	4	22/02/2025 To 26/03/2025	Seminar	Activity Based Test-II


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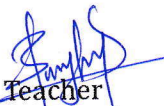
Name of the Teacher : **Akash Waghmare**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
M.Sc. BT. - I	A	Biomathematics and Biostatistics	601BIO2201	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
Biomathematics	12	06/12/2024 To 28/12/2024	Discussion on Topics	MCQ TEST
Basics of Biostatistics	13	01/01/2025 To 31/01/2025	Quiz	Surprise MCQ Test
Measures of central Tendency and Dispersion	13	05/02/2025 To 05/03/2025	Discussion on Topics	Surprise Test
Probability	7	06/03/2025 To 29/03/2025	Seminar	MCQ Test


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