



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

Department of Department of Biotechnology

Teaching Plan

Timetable Duration: July 2025 to November 2025

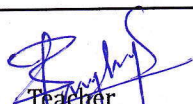
Name of the Teacher: **Akash Waghmare**

Details of Classes to be taught

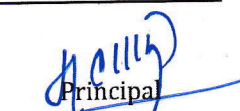
Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc. BT. - I	A	Fundamentals of Statistics (GE)	101MAE1401	60

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	08/07/2025 To 30/07/2025	Classification table activity, data collection	Online MCQ Test
Measures of Central Tendencies	16	31/07/2025 To 21/08/2025	Mean, median, mode quiz	MCQ TEST
Measures of Dispersion	15	22/08/2025 To 10/09/2025	Range, SD and CV calculation practice	Online MCQ Test
Correlation Analysis	14	11/09/2025 To 10/10/2025	Karl Pearson's method using Excel	Online MCQ Test


Teacher


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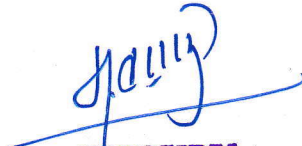
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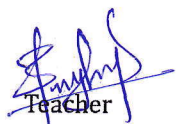
Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc. BT. - II	A	Good Laboratory Practices (GLP)	201BIO3601	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
Introduction to GLP	10	01/07/2025 To 14/07/2025	PPT discussion on GLP history, infrastructure Lab visit	Test 1
SOPs and Laboratory Safety	10	15/07/2025 To 28/07/2025	SOP writing	Test 2
Equipment, Calibration & Maintenance	12	29/07/2025 To 14/08/2025	discussion on equipment failure	Assignment 3
Documentation & Audit	13	16/08/2025 To 06/10/2025	Discussion on Audit Report	Online MCQ Test


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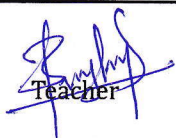
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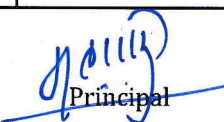
Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc. BT. - II	A	Aptitude and Logical Reasoning	201BIO4402	30

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Fundamentals of Mathematics	7	01/07/2025 To 15/07/2025	Square cube quiz MCQ	Assignment 1
Advanced Math Applications	12	16/07/2025 To 20/08/2025	Real-life bill solving activity	Assignment 2
Data Interpretation	6	21/08/2025 To 04/09/2025	Create bar & pie charts from real data Interpret newspaper/statistics graphs	Assignment 3
Logical Reasoning	5	05/09/2025 To 20/09/2025	Clock model hands-on	Test 4


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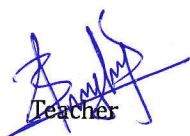
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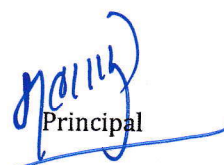
Class	Division	Course Title	Course Code	Total Teaching Hrs
M.Sc. BT. - I	A	Research Methodology Course	601BIO1301	60

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 Research Methodology	16	01/07/2025 To 21/07/2025	Group discussion	1
Research Design and Sampling	13	22/07/2025 To 08/08/2025	Quiz	1
Data Collection and Analysis	17	11/08/2025 To 05/09/2025	Data collection demo & Hands-on graphs	Online MCQ Test
Technical Skills for Research	14	08/09/2025 To 06/10/2025	PPT activity	MCQ TEST


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Timetable Duration: **December 2025 to March 2026**

Name of the Teacher: **Akash Waghmare**



Details of Classes to be taught

Class	Year	Semester	Division	Course Title	Course Level	Course Code	Total Teaching Hrs
B.Sc. BT. - I	First	II	A	Fundamentals of Statistics (GE)	OE	101MAE1401	60

Summary of Lesson Plan

Unit No.	Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
I	Introduction to Statistics and Presentation of Data	15	01/12/2025 To 27/12/2025	Discussion on Topics	MCQ TEST
II	Measures of Central Tendencies	16	29/12/2025 To 24/01/2026	Quiz	Surprise Test
III	Measures of Dispersion	15	27/01/2026 To 21/02/2026	Discussion on Topics	Surprise Test
IV	Correlation Analysis	14	23/02/2026 To 31/03/2026	Seminar	MCQ Test


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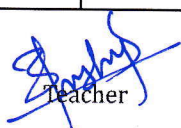


Details of Classes to be taught

Class	Year	Semester	Division	Course Title	Course Level	Course Code	Total Teaching Hrs
B.Sc. BT. - II	Second	IV	A	Aptitude and Logical Reasoning	OE	201BIO4402	30

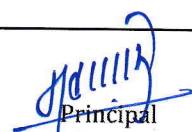
Summary of Lesson Plan

Unit No.	Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
I	Fundamentals of Mathematics	7	01/12/2025 To 27/12/2025	Discussion on Topics	MCQ TEST
II	Advanced Math Applications	12	29/12/2025 To 07/02/2026	Practice Problem Solving	Surprise Test
III	Data Interpretation	6	09/02/2026 To 28/02/2026	Hands-on Graph Activity	MCQ TEST
IV	Logical Reasoning	5	02/03/2026 To 31/03/2026	Reasoning Activity	Surprise Test


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M.Sc. BT. - I	First	II		Biomathematics and Biostatistics	MEC	601BIO2201	45

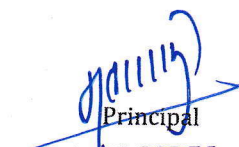
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Unit No.	Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
I	Biomathematics	12	01/12/2025 To 10/01/2026	Discussion on Topics	MCQ TEST
II	Basics of Biostatistics	13	11/01/2026 To 14/02/2026	Quiz	Surprise MCQ Test
III	Measures of Central Tendency and Dispersion	13	16/02/2026 To 14/03/2026	Discussion on Topics	Surprise Test
IV	Probability	7	16/03/2026 To 31/03/2026	Seminar	MCQ Test


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