Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)
Structured Work Plan for Teaching
(Dec 2023 to March-2024)

Sr. No.	Class	Name of the Teacher	Subject	Paper
1	B.Sc.III	Lt. Dr. Mahesh S Wavare	Mathematics	Theory of Probability and Distributions

Sr. No.	Unit	Unit to be covered	Date	No. of Lectures	Academic activities to be organized	No. of Test/ Assignment with topic and date
1	UNIT – I	Basics of Probability	7 Dec 2023 to 28 Dec 2023	10		Assignment of unit I
2	UNIT – II	Random Variables	29 Dec 2023 to 1 Feb 2024	15	Homework problem	
3	UNIT – III	Some Discrete and Continuous Distributions	2 Feb 2024 to 23 March 2024	20		Assignment on Unit II and Unit III

Teacher

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Sr. No.	Class	Name of the Teacher	Subject	Paper
1	B.Sc. III	Lt. Dr. Mahesh S Wavare	Mathematics	SEC-Python Programming

Sr. No.	Unit	Topics to be covered	Date	No. of Lectures	Academic activities to be organized	No. of Test/ Assignment with topic and date
1	UNIT – I	Introduction to Python and Basic Concepts in python Introduction to python: What is python? , Applications of Python, Why Python? Installation of python, First program in Python, Comments and Doc strings in Python	14 Dec 2023 to 11Jan 2024	10	NPTEL Course Registration	Assignment of unit I
2	UNIT – I	Variable and data types, Operators in python. File Handling : working with open, read, write, append modes of file Conditional Statements: Indentation in python, if, if-else, nested if-else statements	18 Jan 2024 to 22 Feb 2024	10	5 Practical's based on Unit I	
3	UNIT– II	Looping Statements, Control statements, String Manipulations Looping Statements: for loop, while loop , Nested loops Control Statements: break, continue and pass String Manipulations: Accessing strings, Basic operations, String slices, Functions and methods	29 Feb 2024 to 28 March 2024	10	5 Practical's based on Unit II	Assignment on Unit II

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Sr. No.	Class	Name of the Teacher	Subject	Paper
1	B.Sc. III	Lt. Dr. Mahesh S Wavare	Mathematics	Lab Course-X

Sr. No.	Unit	Unit to be covered	Date	No. of Lectures	Academic activities to be organized	No. of Test/ Assignment with topic and date
1	UNIT – I	Examples based on Unit I	11 Dec 2023 to 5 Jan 2024	7		
2	UNIT – II	Examples based on Unit II	6 Jan 2024 to 28 Jan 2024	8	Homework problem	Assignment 1
3	UNIT – III	Examples based on Unit III	1 Feb 2024 to 27 Feb 2024	7		
4	UNIT – IV	Examples based on Unit IV	1 March 2024 to 29 March 2024	8	Homework problem	Assignment 2

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Sr. No.	Class	Name of the Teacher	Subject	Paper
1	M.Sc-I	Lt. Dr. Mahesh S Wavare	Mathematics	Analytical Number Theory

Sr. No.	Unit	Unit to be covered	Date	No. of Lectures	Academic activities to be organized	No. of Test/ Assignment with topic and date
1	UNIT – I	Theory of Congruence and Fermat's Theorem	11 Dec 2023 to 15 Jan 2024	15	NPTEL Course Registrations	
2	UNIT – II	Number Theoretic Functions	16 Jan 2024 to 8 Feb 2024	15	Guest Lecture	Assignment on Unit I, II
3	UNIT – III	Euler's Generalization of Fermat's Theorem	12 Feb 2024 to 8 March 2024	15	Home work	
4	UNIT – IV	Primitive Roots and Indices	9 March 2024 to 29 March 2024	15		Assignment on Unit III,IV

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