Shiv Chhatrapati Shikshan Sanstha's

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Department of Computer Science

Teaching Plan (Semester-I, III, V)
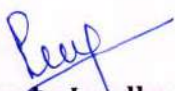
AY 2024-2025

1. Details of Classes to be taught

Sr. No.	Class	Name of Asst. Prof.	Subject	Paper	Total Lecturers:
1	B. Sc. FY	Dr Renuka Londhe	Computer Science	Basics of Computer Programming with C Lang	45 (Credits 3)

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	Introduction to Programming	10	18.07.2024 To 26.07.2024	Algorithm Writing and flowchart drawing	
2	Conditional Statements, Loop Control and Array Handling	12	27.07.2024 To 22.08.2024	Seminar	Activity Based Unit Test I
3	Functions, Structure and Union	13	23.08.2024 To 21.09.2024	Group Discussion	
4	Storage Classes, Pointers and File Management In C	10	26.09.2024 To 24.10.2024	Seminar	Unit Test II

Date: 15.07.2024

Dr Renuka Londhe
Name and Signature
of Teacher

HoD
Head
Dept. of Computer Science
Rajarshi Shahu Mahavidyalaya, Latur

Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya,Latur
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Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Computer Science
Teaching Plan (Semester-I, III, V)
AY 2024-2025

1. Details of Classes to be taught

Sr. No.	Class	Name of Asst. Prof.	Subject	Paper	Total Lecturers:
1	M. Sc. FY	Dr Renuka Londhe	Computer Science	Design and Analysis of Algorithms	45 (Credits 3)

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	Introduction & Overview of Data Structure	12	15.07.2024 To 29.07.2024	Quiz	
2	Divide and Conquer Algorithms, Greedy Algorithms	12	30.07.2024 To 27.08.2024	MCQ Test	Activity based CAT I
3	Dynamic Programming, Back Tracking and Branch &Bound Algorithms	10	28.08.2024 To 25.09.2024	Seminar	
4	Lower bound Theory	10	26.09.2024 To 24.10.2024	Problem solving on all units	CAT II

Date: 13.07.2024

Dr Renuka Londhe
**Name and Signature
of Teacher**

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arshi Shahu Mahavidyalaya, Latur

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Shiv Chhatrapati Shikshan Sanstha's

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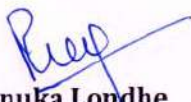## Department of Computer Science

Teaching Plan (Semester-I, III, V)

AY 2024-25
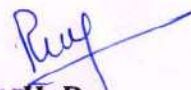
1. Details of Classes to be taught

Sr. No.	Class	Name of Asst. Prof.	Subject	Paper	Total Lecturers:
3	M. Sc. SY	Dr Renuka Londhe	Computer Science	Digital Image Processing	45 (Credits 3)

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	Introduction to Image Processing and M Function Programming	10	01.07.2023 To 27.07.2024	Seminar	
2	Intensity Transformations and Filtering	12	29.07.2024 To 26.08.2024	Surprise Test	Activity Based CAT I
3	Image Restoration and Color Image Processing	13	27.08.2024 To 30.09.2024	Group Discussion	
4	Morphological Image Processing and Image Segmentation	10	01.10.2024 To 24.10.2024	Assignment on Data science in python	CAT II

Date: 01.07.2024

Dr Renuka Londhe
**Name and Signature
of Teacher**