



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

Department of Computer Science

Teaching Plan (Semester-I, III, V)

AY 2024-2025



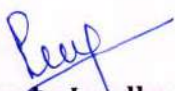
1. Details of Classes to be taught

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
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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


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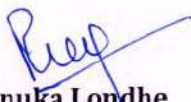
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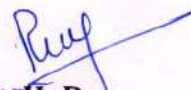
Sr. No.	Class	Name of Asst. Prof.	Subject	Paper	Total Lecturers:
3	M. Sc. SY	Dr Renuka Londhe	Computer Science	Digital Image Processing	45 (Credits 3)

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


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Teaching Plan



Timetable Duration : December 2024 to March 2025

Name of the Teacher : **Renuka Londhe**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B. Sc. FY	A	Data Structure	101COS2102	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 Data structures and Arrays	10	06/12/2024 To 27/12/2024	implementation of algorithms	--
Linked List	13	28/12/2024 To 25/01/2025	Unit Test 1	Assignments
Stack and Queues	12	30/01/2025 To 27/02/2025	implementation of algorithms	--
Tree and Graphs	10	28/02/2025 To 22/03/2025	Unit Test II	---

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Teacher

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Head
HOD
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Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B. Voc. CT SY	A	Data structure and Algorithms	U-DSA-529	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 Algorithms and Data structures	15	06/12/2024 To 31/12/2024	implementation of algorithms	--
Linked List Stack and Queue	15	03/01/2025 To 28/01/2025	Unit Test 1	--
Trees and Graphs	20	30/01/2025 To 01/03/2025	implementation of algorithms	--
searching and sorting	10	03/03/2025 To 22/03/2025	Unit Test II	--

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Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
M. Sc. (CS) SY	A	Big Data Analysis	601COS1208	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 Big Data Analytics & Data Analytics Lifecycle	15	06/12/2024 To 09/01/2025	--	--
Review of Basic Data Analytic Methods Using R	10	10/01/2025 To 31/01/2025	Unit test I	--
Advanced Analytical Theory and Methods: Association Rules and Regression	10	01/02/2025 To 22/02/2025	implementation of algorithms	--
Advanced Analytical Theory and Methods: Clustering & Decision Trees	10	27/02/2025 To 30/03/2025	Unit Test II	--



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