Rajarshi Shahu Mahavidyalaya (Autonomous) Latur

Teaching Plan (Semester-I, III, V)

(June-2022 to October-2022)

1. Details of Classes to be taught

Class	Name of the Teacher	Subject	Course	Total Lectures
M. Sc. SY	Dr. Renuka R. Londhe	Computer Science	Digital Image Processing	60

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	15	20.6.22 to 13.07.22	Group Discussion on DIP	
2	Intensity Transformations and Filtering	15	14.07.22 to 01.08.22	Research Paper Discussion on Filtering	Unit Test-I Winter-2022 (Activity Based Test)
3	Image Restoration and Color Image Processing	15	02.08.22 to 01.09.22		
4.	Morphological Image Processing and Image Segmentation	15	05.09.22 to 13.10.22	Research Paper Discussion Segmentation	Unit Test-II (MCQ)

Date: 20.06.22

Dr Renuka Londhe
Name and Signature
of Teacher

HoD
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Dept. of Computer Science
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Principal
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Teaching Plan (Semester-I, III, V)

(July-2022 to October-2022)

1. Details of Classes to be taught

Class	Name of the Teacher	Subject	Course	Total Lectures
B. Sc. FY	Dr. Renuka R. Londhe	Computer Science	Basics of Computer Programming with C U-COS-142	45

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** Algorithms and Flowcharts	12	18.07.22 To 10.08.22	Group Discussion on Algorithms and Flowcharting	
2	**Decision Control, Loop Control and Array Handling**	10	16.08.22 to 31.08.22	Programs on Loop Controls	Unit Test-I Winter-2022 (Activity Based Test)
3	**Functions, Structure and Union**	12	05.09.22 to 25.09.22	Group Discussion on Structure and Union	
4	**Storage Classes, Pointers and File Management In C**	11	26.09.22 to 15.10.22	----	Unit Test-II (MCQ)

Date: 18.07.22

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Teaching Plan (Semester-I, III, V)

(June-2022 to October-2022)

1. Details of Classes to be taught

Class	Name of the Teacher	Subject	Course	Total Lectures
B. Sc. SY	Dr. Renuka Londhe	Computer Science	Operating System	45

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 and Operating System Organization	12	23.06.22 to 16.07.22		
2	Process Management	12	21.07.22 to 13.08.22		Unit Test-I Winter-2022 (Activity Based Test)
3	Memory Management	10	19.8.22 to 16.09.22	Revision	
4	Device and Information Management System	11	22.09.22 to 14.10.22		Unit Test-II (MCQ)

Date: 20.06.22

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Teaching Plan (Semester-II, IV, VI)

(Dec-2022 to March 2023)

1. Details of Classes to be taught

Class	Name of the Teacher	Subject	Course	Total Lectures
M. Sc. SY	Dr R. R. Londhe	Computer Science	Big Data Analysis P-BDA-426	60

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 Big Data Analytics & Data Analytics Lifecycle	15	8.12.22 To 28.12.22	Group Discussion on key roles in data analytics ecosystem	
	Seminar	3	29to31.12.22		
2	Review of Basic Data Analytic Methods Using R	15	02.12.22 To 23.01.23		Unit Test-I Summer-2023 (Activity Based Test)
	Seminar	3	24to25.01.23		
3	Advanced Analytical Theory and Methods: Clustering & Decision Trees	15	27.01.23 To 23.02.23	Case Study on Clustering	
	seminar	3	24to27.02.23		
4	Advanced Analytical Theory and Methods: Association Rules and Regression	15	28.02.23 To 22.03.23	Case Study on Association Rules	Unit Test-II (MCQ) Summer -2023
	Seminar Revision	3 3	23to25.3.23 27to29.3.23		

Date:08.12.22

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Teaching Plan (Semester-II, IV, VI)

(Dec-2022 to March 2023)

1. Details of Classes to be taught

Class	Name of the Teacher	Subject	Course	Total Lectures
B. Sc. TY	Dr R. R. Londhe	Computer Science	U-COS-642 Introduction to Python Programming	45

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	Getting Started: Introduction, Decision and Looping Statements	15	12.12.22 To 17.01.23	Group Discussion on advantages and tools of Python	----
2	Sequence: String, List, Tuples and Error, exceptions:	8	18.01.23 To 07.02.23	Group Activity on Exceptions and exception handling	Unit Test-I Summer-2023 (Activity Based Test)
3	Functions, Class and OOPs	13	8.02.23 To 14.03.23	----	---
4	Graphical Interfaces	9	15.03.23 To 31.3.23	Development of small application using Tkintle	Unit Test-II (MCQ) Summer -2023

Date: 8.12.22

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