



Rayat Shikshan Sanstha's

Arts, Science and Commerce College, Ramanandnagar (Burli).

Department of Statistics

Value added course in

Statistics Using R

Syllabus

Course Fee- Free

Duration- 3 Month

Intake Capacity- Minimum 10 – Maximum 20

CONTENTS:

1. Introduction to R

- 1.1) R as a Statistical software and language
- 1.2) R as a calculator
- 1.3) Methods of data input
- 1.4) some useful build-in function
- 1.5) Graphing with R

2. Descriptive Statistics

- 2.1) Introduction
- 2.2) Measures of central tendency
- 2.3) Measures of Dispersion

2.4) Measures of skenewss and Kurtosis.

2.5) Exercises.

3. Probability and probability Distribution

3.1) Introduction

3.2) Probability Distribution

3.3) some special discrete distribution

3.4) continues probability distribution

3.5) Exercises.

4. Correlation and Regression

4.1) Introduction

4.2) Correlation

4.3) linear Regression

4.4) Exercises



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Department of Statistics

Course- Statistics Using R (2019-2020.)

Time- Table

Sr.no	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	10:10 to 11:10 a.m.	R Software	R Software	-	-	-	-

N. D. W.

Head

Department of Statistics



Rayat Shikshan Sanstha's

Arts, Science and Commerce College, Ramanandnagar (Burli).

Department of Statistics

Course- Statistics Using R. (B.Sc.-III)

List of the students

Sr.No.	Name of the Student
1.	Phadatare Aishwarya Kishor
2.	Phadatare Pranali Hanamant
3.	Jadhav Shital Bajarang
4.	Jadhav Pratiksha Rajkumar
5.	Lad Namruta Rajendra
6.	Pawar Monali Dhanaji
7.	Nadaf Sophiya Dastagir
8.	Jadhav Prajakta Dhanaji

Now
Head

Department of Statistics

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Arts, Science and Commerce College, Ramanandnagar (Burli).

Department of Statistics

Course- Statistics Using R (B.Sc.-III)

2019-2020.

Attendance

Sr.No.	Name of the Student	Attendance																			
1.	Phadatare Aishwarya Kishor	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2.	Phadatare Pranali Hanamant	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3.	Jadhav Shital Bajarang	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4.	Jadhav Pratiksha Rajkumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5.	Lad Namruta Rajendra	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6.	Pawar Monali Dhanaji	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7.	Nadaf Sophiya Dastagir	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8.	Jadhav Prajakta Dhanaji	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



Head

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Annual Report

The department of Statistics conduct a value added course, Statistics Using R for the B.Sc.III students. In this academic year 08 students are enrolled for this course.

This course has been started from July, 13 to October, 20. After the completion of course student's familiar with basic concepts of Statistics such as Descriptive Statistics, Probability and probability distribution, and Regression etc. and familiar with the Statistical Software like R and Excel.

Head

Department of Statistics



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**ARTS, SCIENCE AND COMMERCE COLLEGE,
RAMANANDNAGAR (BURLI)**

Tal- Palus, Dist-Sangli

CERTIFICATE

This is to certify that Mr./Miss./Mrs.

*of B.Sc.I/II/III Statistics has successfully completed the Value added Course
"Statistics Using R" in the year 2019-20.*

**Head
Department of Statistics .**

Principal