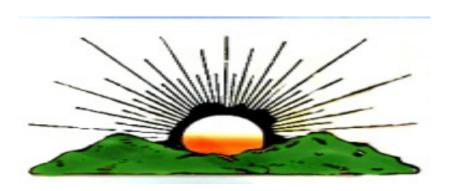" Sheel, Sharir, Adhyayan "
Aundh Shikshan Mandal, Aundh

Raja Shripatrao Bhagawantrao Mahavidyalaya, Aundh. (Satara)

Experiential Learning
Case Study
B.Sc. Part 2
Subject: Statstics

2017-2018

RAJA SHRIPATRAO BHAGAWANTRAO MAHAVIDYALAYA, AUNDH (SATARA)

DEPARTMENT OF STATISTICS

Case Study Report 2017-18

OBJECTIVES:

1. Understand the basic concepts of discrete distributions, continuous univariate and bivariate distributions, transformation of univariate continuous random variable.
2. The basic concepts of Multiple Linear Regression, Multiple and Partial Correlation, Sampling Theory and Demography.
3. Know some standard continuous probability distributions.
4. Understand the concepts of Time Series, Statistical Quality Control, Testing of Hypothesis.

Sr. No.	Name of Students	Case Study
1	Kadam Suhas Mohan	Case study for gender and preference for a subject in third year (B.Sc.), by using independence in attributes.
2	Abhang Rahul Uttam	
3	Phadatare Dnyaneshwar Mohan	
4	More Tushar Sudhakar	
5	Katkar Suraj Sambhaji	Case study for mortality of two towns
6	Nikam Ujjwal Sanjay	
7	* Kumbhar Akshada Shivaji	
8	* Kumbhar Nikita Rajendra	
9	Kadam Vibhav Hanmant	Analysis of marks in Botany and Microbilogy using t- test
10	* Yewale Priyanka Balaso	
11	Patel Arbaj Ilahi	
12	* Pawar Vaishali Vinayak	

13	* Shinde Jyoti Satyawan	Analysis of correlation coefficient between height and weight
14	* Deshmukh Monali Ankush	

OUTCOMES:

a) Know the concept and use of time series, sampling theory, the need of vital statistics and concept of mortality and fertility.

b) Understand the meaning, purpose and use of Statistical Quality Control, construction and working of control charts for variables and attributes.

c) Apply the small sample tests and large sample tests in various situations.

d) Know some standard continuous probability distributions with real life situations.

e) Distinguish between various continuous distributions.

(Momin S.M.)

T/C PRINCIPAL
Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aundh (Satara)