

“ Sheel, Sharir, Adhyayan ”  
Aundh Shikshan Mandal, Aundh



Raja Shripatrao Bhagawantrao  
Mahavidyalaya, Aundh. (Satara)

**Experiential Learning**

**Case Study**

**B.Sc. Part 2**

**Subject: Statistics**

**2015-2016**

RAJA SHRIPATRAO BHAGAWANTRAO MAHAVIDYALAYA,  
AUNDH (SATARA)

DEPARTMENT OF STATISTICS

Case Study Report 2015-16



**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	Gharge Kiran Vitthal	Availability of turmeric in Satara market yard
2	Ghatage Priyanka Prataprao	
3	Jadhav Aart Bharat	
4	Jadhav Ashwini Sarjerao	
5	Jadhav madhuri Krushnat	Analysis of number of defective invoices
6	Jadhav Suraj Uddhav	
7	Jagatap Sonali Shivaji	
8	Kadam Vishal Amrut	
9	Karande Ganesh jalindar	Gender and preference for 3 <sup>rd</sup> year of B.Sc.
10	Kumbhar Namdev Vitthal	
11	Kumbhar Swapnsadhya Babaso	
12	Magar Punam Uttam	

13	Nayar Rushikesh Ravindra	Control limits for p-chart
14	Nikam Priyanka Sanjay	
15	Nikam Swati Bhalchandra	
16	Raut Chaityanya Ganesh	
17	Galande Navnath Babasaheb	
18	Sonawale Prafulla Madhukar	



### OUTCOMES:

- Know the concept and use of time series, sampling theory, the need of vital statistics and concept of mortality and fertility.
- Understand the meaning, purpose and use of Statistical Quality Control, construction and working of control charts for variables and attributes.
- Apply the small sample tests and large sample tests in various situations.
- Know some standard continuous probability distributions with real life situations.
- Distinguish between various continuous distributions.

*Shu*  
(Momin S.M.)

*Shauhan*  
H.C. PRINCIPAL  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)