

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



Raja Shripatrao Bhagawantrao
Mahavidyalaya, Aundh. (Satara)

Experiential Learning

Case Study

B.Sc. Part 2

Subject: Statistics

2018-2019



**RAJA SHRIPATRAO BHAGAWANTRAO MAHAVIDYALAYA,
AUNDH (SATARA)**

DEPARTMENT OF STATISTICS

Case Study Report 2018-19

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 Narayan Suhas	Case study on analysis of number of defective invoices
2	Shinde Prasad Kisan	
3	Kapase Rushikesh Ramdas	
4	Jadhav Kumar Satish	
5	Phadatare Nikhil Baban	Case study on sketch of normal distribution with different parameter
6	Kadhav Kunal Shankar	
7	Sawant Ganesh Dilip	
8	Sawant Amit Shivaji	
9	Madane Dhanaji Gorakh	Case study on independence of attributes of gender and preference for educational side
10	Nikam Mayur Dnyandev	
11	* Suryavanshi Dhanashri Rangrao	

12	Patel Sahil Hamid	Analysis of use of specs for boys and girls
13	* Pawar Priyanka Maruti	
14	* Kapase Shweta Ramdas	
15	* Bhoite Amruta Hanmant	
16	* Londhe Nikita Bharat	
17	* Yadav Ankita Dhanaji	Availability of turmeric in sSangli market yard
18	Ingale Harshwardhan Mohan	
19	Ingale Suraj Mahadev	

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.

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I/C PRINCIPAL
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