



Marudhar Kesari Jain College for Women(Autonomous),Vaniyambadi
Department of Statistics
Bridge Course Syllabus 2024-2025



Class:I B.Sc Statistics

Course Name: Fundamentals of Statistics

Course Objective:

- To learn about Basics of Data.
- To gain knowledge of Diagrams and graphs.
- To learn about Averages
- Enable the students to understand and study random phenomena mathematically.
- To identify the Career Perspective.

Unit - I: INTRODUCTIONS OF STATISTICS

Introduction of Statistics -Collection of Data-Classification of Data- Primary data- Secondary Data -Tabulation of Data

Unit -II: DAIGRAMMATIC & GRAPHICAL PRESENTATION

Simple Bar Diagrams -Multiple Bar Diagrams- Subdivided Bar Diagrams- Percentage Bar Diagrams. Pie Diagram-Single Pie Diagrams-Double Pie Diagrams-Graphs- Histogram.

Unit –III: AVEARAGES

Mean-Median-Mode-Geometric Mean-Harmonic Mean

Unit –IV: PROBABILITY

Probability - Random experiment-Events-Sample space-Simple Problems.

Unit –V: CAREER PERSPECTIVE

ISS-Indian Statistical service, Statistical Investigator-Statistical Assistant-Statistical Director-Medical Health Statistician-Quality Controller- Professor in Statistics for Medical College - Software Statistician-Researcher-Data Analyser- Data Scientist- Software Analysist - Ministry of Statistics.

Course Outcome:

- The Students will be able to know
- Methods of data collection, Tabulation
 - Various techniques of Diagrams & Graphs
 - Understand about Averages
 - The concept of probability.
 - Career Perspective

Reference Books

1. Gupta S. and Kapoor, V.K. (2002). Fundamentals of Mathematical Statistics, Sultan Chand & Sons Pvt. Ltd., New Delhi
2. Pillai, R.S., and Bagavathi (2003): Statistics, S. Chand and Company Ltd., New Delhi.
3. Gupta, S.P. (2017): Statistical Methods, Sultan Chand & Sons Pvt Ltd, New Delhi, 35th

Subject Allocation

S.No	UNIT	FACULTY NAME
1	Introductions of Statistics	Ms K Rajeswari
2	Diagrammatic & Graphical Presentation	Ms C Arivumani
3	Averages	Ms B Sangeetha
4	Probability	Ms C Arivumani
5	Career Perspective	Ms K Rajeswari

K. Rajeswari
HOD

Principal
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Vaniyambadi - 635 751

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Department of Statistics
Bridge Course Timetable 2024-2025

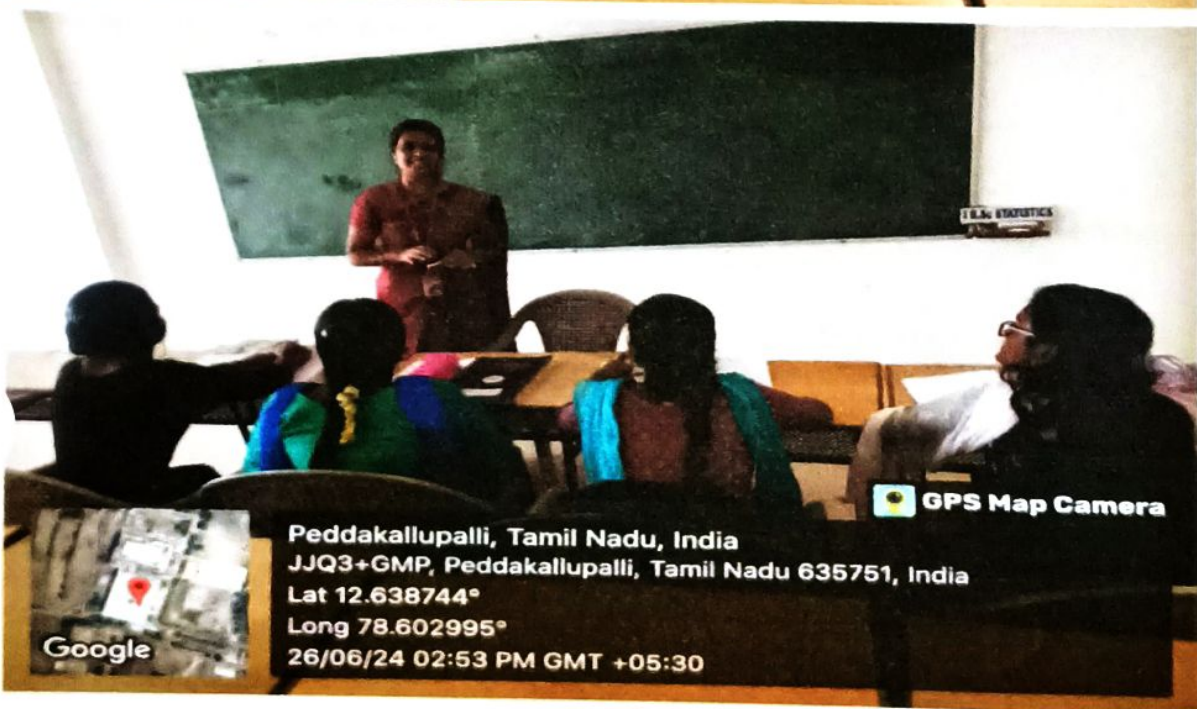
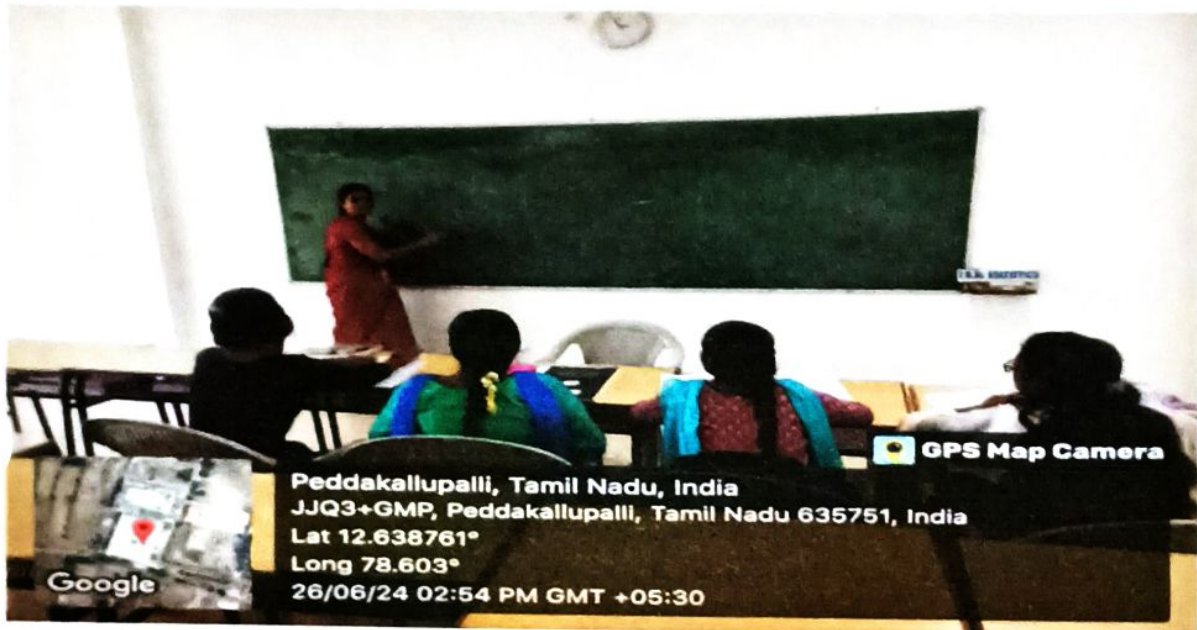
Day order	I	II	III	IV	V	VI
I	Introduction of Statistics Ms. K.Rajeswari	Average Ms. B Sangeetha	Diagrammatic Representation Ms. C.Arivumani	Communicative English-EN Ms S Janani Bai	Sports	Communicative English -PL Ms D Jayapriya
II	Collection of Data Ms. K.Rajeswari	Communicative English -EN Ms S Janani Bai	Average Ms. B Sangeetha	Sports	Diagrammatic Representation Ms. C.Arivumani	Communicative English -EN Ms S Janani Bai
III	Communicative English -PL Ms D Jayapriya	Tabulation of Data Ms. K.Rajeswari	Communicative English -EN SJ	Graphical Representation Ms. C.Arivumani	Sports	Average Ms. B Sangeetha
IV	Communicative English -PL Ms D Jayapriya	Carrer Perspective Ms. K.Rajeswari	Graphical Representation Ms. C.Arivumani	Communicative English -EN Ms S Janani Bai	Probability Theory Ms. B Sangeetha	Sports
V	Communicative English -PL Ms D Jayapriya	Carrer Perspective Ms. K.Rajeswari	Communicative English -EN Ms S Janani Bai	Probability Theory Ms. C.Arivumani	Sports	Probability Theory Ms. B Sangeetha

K. Raji
HOD 19/6/24

R. S. Janani Bai
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Bridge Course Photos 2024-2025



K. Raji
HOD 8/7/24

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Re-accredited by NAAC with "A" Grade B An ISO 21001:2018 Certified Institution
Marudhar Nagar, Chinnakallupalli, Vaniyambadi - 635751, Tirupattur District.
BRIDGE COURSE ATTENDANCE

Department : Statistics
Academic Year :2024-2025
Class:I B.Sc Statistics
Course Name:Fundamentals of Statistics

S.No	NAME	Signature				
		20.6.2024	21.6.2024	24.6.2024	25.6.2024	26.6.2024
1	ABEENAYA M	Mithunya	Mithunya	Mithunya	Mithunya	Mithunya
2	ARCHANA P	P.Archana	Absent	P.Archana	P.Archana	P.Archana
3	KANIMOZHI S	S.kanumohi	Absent	Absent	S.kanumohi	S.kanumohi
4	UMA B	Ubf	Ubf	Ubf	Ubf	Ubf

M. Samuel
8/7/24
INCHARGE

K. Raj
8/7/24
HOD

M. S. S. S. S.
8/7/24
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BRIDGE COURSE FEEDBACK

Department : Statistics

Academic Year :2024-2025

Class:I B.Sc Statistics

Course Name: Fundamentals of Statistics

S.No	NAME	FEEDBACK	SIGNATURE
1	ABEENAYA M	Learned about statistics and their importance.	M. Abinaya
2	ARCHANA P	It helps me to know about case perspective in statistics.	P. Archana
3	KANIMOZHI S	Getting more knowledge	S. Kanimozhi
4	UMA B	More information about probability.	Uma

M. Samuel
8/7/24
INCHARGE

K. Raji
8/7/24
HOD

Principal
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