1.Course Title : Statistical Inference-I

2.Program : M.Sc Specialisation : Statistics

Sr.No	Topic Outcomes	Bloom's Level	student activity based on this outcome.	Question to assess this outcome.
1	**Basics of Statistical Inference**	Apply	Apply various results to find the properties for various distribution functions.	Find parameters of distribution function. parameters the distribution of statistics.
2	**Unbiasness**	Evaluate, Apply	Apply Properties of different statistical discrete and continuous distributions functions.	How to find parameters different distributions for conclusion of inference related to problem.
3	**Consistency**	Evaluate, Apply	Apply Properties of different statistical discrete and continuous distributions functions.	How to find parameters different distributions for conclusion of inference related to problem.
4	**Sufficiency**	Evaluate, Apply	Apply Properties of different statistical discrete and continuous distributions functions.	How to find parameters different distributions for conclusion of inference related to problem.
5	**Efficiency**	Evaluate, Apply	Apply Properties of different statistical discrete and continuous distributions functions.	How to find parameters negative different distributions for conclusion of inference related to problem.

1.Course Title : **Research Methodology**

2.Program : **M.Sc** **Specialisation : Statistics**

Sr.No	Topic Outcomes	Bloom's Level	Student activity for this outcome.	Question to assess this outcome.
1	Need of Research Methodology	Apply	Different phases of Research Methodology. Importance and need Research Methodology.	What is the role of Research Methodology?
2	Research Methodology	Evaluate, Apply, Analyse	Analysis of Statistical methods.	Distinguish between different designs and methods.
3	Different Designs	Evaluate, Apply, Analyse	Estimation of different designs.	Test different designs for Analysis.
4	Sampling methods	Evaluate, Apply	Analysis of different sampling methods.	What is the need of samplings methods.
5	Report and thesis writing in Research Methodology	Evaluate, Apply	How to write reports and thesis.	What is the impotents of report and thesis writing.

1. Course Title : Statistcal Inference-I

2. Program : M.Sc. **Discipline : Science**

Sr. No	Course Outcomes	Check 1	Check 2	Check 3	Check 4
1	Basics of Statistcal Inference	X		X	X
2	Unbiasness	X		X	X
3	Consistency	X		X	X
4	Sufficiency	X		X	X
5	Efficiency	X		X	X
6	Basics of Statistcal Inference	X		X	X
7	Unbiasness	X		X	X

Note: Mark 'X' if the Course Outcome passes the check

Check1: Are they written using action verbs to specify definite, observable behaviors?
Check2: Does the language describe students' rather than teachers' behavior?
Check3: Do the outcomes clearly describe and define the expected abilities, knowledge, values, and attitude of students of the course?
Check4: Is it possible to collect accurate and reliable data for each outcome?

1. Course Title : Research Methodology

2. Program : M.Sc. Discipline : Science

Sr. No	Course Outcomes	Check 1	Check 2	Check 3	Check 4
1	Need of Research Methodology	**X**		**X**	**X**
2	Research Methodology	**X**		**X**	**X**
3	Different Designs	**X**		**X**	**X**
4	Sampling methods	**X**		**X**	**X**
5	Report and thesis writing in Research Methodology	**X**		**X**	**X**

Note: Mark 'X' if the Course Outcome passes the check

Check1: Are they written using action verbs to specify definite, observable behaviors?
Check2: Does the language describe students' rather than teachers' behavior?
Check3: Do the outcomes clearly describe and define the expected abilities, knowledge, values, and attitude of students of the course?
Check4: Is it possible to collect accurate and reliable data for each outcome?

Write the Course Articulation Matrix for a course of your choice

1.Course Title : Statistical Inference-I

2.Program : M.Sc. Specialisation : Statistics

Part C:

Sr. No	Course Outcomes (CO)	PO1
1	Fundamental concept of Statistical Inference	x
2	Presentation of different Properties for Data	x
3	Analysis of data	x
4	Interpretation Of output	x
5	Applications of various Statistical tools and techniques manually and thorough Softwares	x
6	Own consultancy	
7	Jobs in various govt. And private sectors.	x

(Mark cells of rows PO1 – PO7 with 'X', if the CO addresses the concerned PO)

Write the Course Articulation Matrix for a course of your choice

1.Course Title : Research Methodology

2.Program : M.Sc. Specialisation : Statistics

Part C:

Sr. No	Course Outcomes (CO)	PO1
1	Fundamental concept of Research Methodology	x
2	Presentaion of data	x
3	Data Analysis	x
4	Interpretation Of output	x
5	Applications of various Statistical tools and techniques manually and thorough Software's	x
6	Own consultancy	x
7	Jobs in various govt. And private sectors.	x

(Mark cells of rows PO1 – PO7 with 'X', if the CO addresses the concerned PO)