Faculty of Social Work
Master of Social Work (MSW)
(W. E. F.: 2023-24)

Document ID: SUTEFSWM-01

Name of Faculty	:	Faculty of Social Work
Name of Program	:	Master of Social Work (MSW)
Course Code	:	R2MSW06
Course Title	:	Information Processing and Research Application
Type of Course	:	Professional Core (PC)
Year of Introduction	:	2023-24

Prerequisite	:	-
Course Objective	:	Develop a comprehensive understanding of data collection methods, measurement scales, data processing techniques, statistical analysis, data interpretation, and research report writing, enabling students to effectively collect, manage, analyse, and present data in various research contexts.
Course Outcomes	:	At the end of this course, students will be able to:
	CO1	Develop proficiency in data collection, analysis, and presentation using qualitative and quantitative methods
	CO2	Acquire proficiency in information processing, data organization, editing, coding, and the use of computer software
	CO3	Gain expertise in statistical analysis, data interpretation, and research report writing

Teaching and Examination Scheme

Teaching Scheme (Contact Hours)			Credits	Examination Marks				
				Theory Marks		Practical Marks		Total Marks
L	T	P	C	SEE	CIA	SEE	CIA	
2	0	0	2	50	50	0	0	100

Legends: ***L****-Lecture;* ***T****–Tutorial/Teacher Guided Theory Practice;* ***P****–Practical,* ***C*** *– Credit,* ***SEE*** *– Semester End Examination,* ***CIA*** *- Continuous Internal Assessment (It consists of Assignments/Seminars/Presentations/MCQ Tests, etc.))*

Course Content

Unit No.	Topics	Teaching Hours	Weightage	Mapping COs
1	**Data Collection and Measurement:** Sources of Data – Primary and Secondary Collection of Data through Qualitative and Quantitative Methods. Collection of Data through Interview Schedules/ Questionnaires/ Case Study Method/ Interview Guide/Construction and Utility/ Advantages and Disadvantages. Measurement in Research: Measurement Scales/Need for Scales. Prominent Scaling Procedures (Thurston-Type/Likert Type/Bogardous Type/ Semantic Differentials). Graphical Tabular Analysis and Presentation	8	25%	CO1
2	**Data Processing Management and Presentation:** Information Processing, Data Organizing, Editing and Coding, Manual and Electronic Introduction to the Use of Computers for Data Processing. Software Packages for Quantitative and Qualitative Data	8	25%	CO1 CO2
3	**Statistics in Research:** Introduction to Statistics: Statistics: Importance/Need /Purpose and Role in Research/Statistical and Descriptive Analysis/ Measures of Central Tendency/Dispersion/ Skewners (Asymmetry). Measures of Relationship. Simple Regression Analysis Multiple Correlation and Regression/Partial Correlation	7	25%	CO3
4	**Data Interpretation and Research Report Writing:** Meaning of Interpretation/ Techniques/Need/Significance of Report Writing/ Writing Skills and Techniques/ Steps Involved in Report Writing/Lay Out of Research Reports/Types of Reports/Research Abstracts /Research Proposal Writing /Precautions	7	25%	CO3

Suggested Distribution of Theory Marks Using Bloom's Taxonomy						
Level	Remembrance	Understanding	Application	Analyse	Evaluate	Create
Weightage	**25**	**25**	**25**	**25**	**-**	**-**

NOTE: This specification table shall be treated as a general guideline for the students and the teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Reference Books

Sr. No.	Name of Reference Books
1.	Field, Andy (2000): Discovering Statistics Using SPSS for Windows: Advanced Techniques for Beginning, New Delhi: Sage Publications
2.	Jefferies, J. and Diamons, I. (2000): Beginning Statistics : An Introduction for Social Scientists, New Delhi: Sage Publications
3.	Fielding, N.K. & Licon, Y.S. (1994): Handbook of Qualitative Research, London: Sage Publications