

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

COURSE PLAN

November 2023 – April 2024

Department : Social Work
Name/s of the Faculty : Dr. K. Madhavi
Course Title : Social Work Research and Statistics
Course Code : 23SW/PC/SR24
Shift : I

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	relate their understanding of research concepts to social work practice	K1
CO2	identify social problems and execute a research study using appropriate research methodology	K2
CO3	construct data collection tools, process data, and present research findings	K3
CO4	interpret collected data and draw meaningful inferences for social change	K4, K5
CO5	formulate hypotheses and apply appropriate statistical techniques in the context of social work research	K6

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
Nov 22 – 25, 2023 (Day Order 1 to 4)	1	Social Work Research – An Introduction 1.1 Basic Elements of Scientific Method 1.2 Social Work Research – Definition, Objectives, Scope, and Limitations 1.3 Scientific Attitude, Ethics in Social Work Research	K1-K4	10	CO 1-5	Lecture Discussion PPT	CA Test 06.02.2024 Quizzing
Nov 27- Dec 4,, 2023 (Day Order 1 to 4)	1	1.4 Quantitative and Qualitative Research 1.5 Planning a Research Project: Problem Formulation, Framing Objectives, Defining Concepts, Use of Theorization in Review of Literature, Variables: Definition and Function; Assumptions – Hypotheses, Types of Hypotheses	K1-K4	10	CO 1-5	Lecture Discussion PPT	CA Test 06.02.2024 Other Component I Assignment and Presentation
Dec 6-13, 2023 (Day Order 1 to 4)	2	Design of Research 2.1 Definition and Functions 2.2 Types of Designs: Survey, Case Study, Exploratory, Descriptive, Explanatory, Experimental, Evaluative (single case evaluation) Census Study, Ex-Post Facto, Action and Participatory Design	K1-K4	10	CO 1-5	Lecture Demonstration Discussion PPT	CA Test 06.02.2024 Quizzing
Dec 15 -Dec 22, 2023 (Day Order 1 to 4)	2	2.3 Applications and Limitations of Various Designs 2.4 Sampling Methods – Definition. Types of	K1-K4	12	CO 1-5	Lecture Demonstration Discussion PPT	CA Test 06.02.2024

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
		Sampling: Probability Sampling 2.5 Non-Probability Sampling – Purposive, Quota, Cluster, Snowball Simple, Systematic, Stratified, Multi- Stage Sampling Error					Quizzing

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
Jan 3 -Jan 10 2024 (Day Order 1 to 4)	3	Methods and Tools of Collecting Data 3.1 Observation – Participant, Non-Participant, Process of Observation	K1-K6	10	CO 1-5	Lecture Demonstration Discussion PPT	CA Test 06.02.2024 Quizzing
Jan 12 – 20, 2024 (Day Order 1 to 4)	3	3.2 Interview Schedule, Interview Guide 3.3 Questionnaire, Scaling Techniques and Types 3.4 Reliability and Validity of Tools: Concept of Reliability, Factors Affecting Reliability of an Instrument, Methods of Determining Reliability of a Tool; Concept of Validity, Types of Validity	K1-K6	10	CO 1-5	Lecture Demonstration Discussion PPT	CA Test 06.02.2024 Quizzing
Jan 22 – 29, 2024 (Day Order 1 to 4)	3	3.5 Data Processing: Manual and Computerised Data Presentation and Analysis, Editing, Coding, Preparation of Master Sheet,	K1-K6	10	CO 1-5	Lecture Demonstration Discussion PPT	CA Test 06.02.2024
Jan 31– Feb 3, 2024 Day(1 to 3)	3	Continuation of 3.5 Tabulation and Interpretation. Report Writing, Research Abstracts	K1-K6	10	CO 1-5	Lecture Demonstration Discussion PPT	CA Test 06.02.2024
Feb 5-Feb -Feb 9, 2024	C.A. Test						

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
(Day Order 1)							
Feb 12, 2024 Day -4	4	Overview of Qualitative Research 4.1 Nature of Qualitative Research, Assumptions, Characteristics	K1-K6	8	CO 1-5	Lecture Discussion PPT	CAIT Quizzing Class work
Feb 14 to Feb 21, 2024 (Day Order 1 to 4)	4	4.2 Tools of Data Collection – Key Informant, Focus Group Discussion, Participatory and Rapid Appraisal Techniques	K1-K6	8	CO 1-5	Lecture Discussion PPT	CAIT Quizzing Class work
Feb 22 – Feb 26, 2024 (Day Order 1 to 4)	4	4.3 Process of Qualitative Research; use of computerized software for analysis	K1-K6	8	CO 1-5	Lecture Discussion PPT	CAIT Quizzing Class work
Feb 28 to March 6, 2024 (Day Order 1 to 4)	5	Application of Statistics in Social Work 5.1 Statistics in Social Work: Normal Distribution, Characteristics of a Normal Curve	K1-K6	12	CO 1-5	Lecture Discussion Demonstration	Quizzing Class work
March 8-March 14, 2024 (Day Order 1 to 4)	5	5.2 Levels of Measurement – Nominal, Ordinal, Interval and Ratio 5.3 Measures of Central Tendency – Mean, Median, Mode and their uses	K1-K6	12	CO 1-5	Lecture Discussion Demonstration Application	Quizzing Class work Other Component II

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
		5.4 Measures of Dispersion – Range, Quartile Deviation, Mean Deviation, Standard Deviation					Test
March 15 to March 19, 2024 (Day Order 1 to 4)	5	5.5 Use of Graphs in Presentation of Data. Tests of Significance: Need, Merits, and application; Hypothesis Testing, Type I and II Error; Level of Confidence, Degrees of Freedom, Chi Square, and t-Test	K1-K6	12	CO 1-5	Lecture Discussion Demonstration Application	Quizzing Class work
March 20 to March 22, 2024 (Day Order 1 to 3)		REVISION					