

Lecture Plan							
Name of the college: GOVT. COLLEGE OF ARTS, SCIENCE & COMMERCE, SANQUELIM-GOA							
Name of Faculty: Akhil Gawas				Subject: Research Methodology - I			
Paper code: ECD 113			Program: TYBA			Division:	
Academic year: 2024 - 2025			Semester: V			Total Lectures: 60	
Course Objectives:		<i>To equip students with basic methods of scientific research.</i>					
Expected Course Outcome:							
Student Learning Outcome:		<ol style="list-style-type: none"> 1. Explain scientific research methods and criteria for good research in social sciences. 2. Formulate and test hypotheses effectively in research. 3. Distinguish and apply various research methods and understand their limitations. 4. Conduct empirical research using different data sources and sampling techniques. 					
Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
June	28/06/2024	29/06/2024	2	Scientific Methods of Research; Process of Scientific Method;			Research Methodology by CR Kothari; Research Methodology by Kumar

July	01/07/2024	06/07/2024	4	Criteria of Scientific Methods of Research; Social Research: Assumptions and Steps;		Smartboard / PPT	Research Methodology by CR Kothari; Research Methodology by Kumar
July	08/07/2024	13/07/2024	4	Problems of Research in Social Sciences: Quantification, Organizing Controlled Experiments		Smartboard / PPT	Research Methodology by CR Kothari; Research Methodology by Kumar
July	15/07/2024	20/07/2024	4	Replication and Verification; Criteria of Good Research.		Smartboard / PPT	Research Methodology by CR Kothari; Research Methodology by Kumar
July	22/07/2024	27/07/2024	4	Meaning, Importance and Sources of Hypothesis;		Smartboard / PPT	Research Methodology by CR Kothari;
July/August	29/07/2024	03/08/2024	4	Characteristics of Good Hypothesis;		Smartboard / PPT	Research Methodology by Kumar
August	05/08/2024	10/08/2024	4	Difficulties in Formulating Hypothesis; Testing Hypothesis.		Smartboard / PPT	Research Methodology by CR Kothari;

August	12/08/2024	17/08/2024	3	Different type of Research Methods: Social Survey,		Smartboard / PPT	Research Methodolog y by Kumar
August	19/08/2024	24/08/2024	4	Case Study,		Smartboard / PPT	Research Methodolog y by CR Kothari;
August	26/08/2024	31/08/2024	4	Experimental Method		Smartboard / PPT	Research Methodolog y by Kumar
September	02/09/2024	07/09/2024	3	Statistical Method		Smartboard / PPT	Research Methodolog y by CR Kothari;
September	09/09/2024	14/09/2024	1	Sources of Primary and Secondary Data;		Smartboard / PPT	Research Methodolog y by Kumar
September	16/09/2024	21/09/2024	4	Census and Sampling Methods;		Smartboard / PPT	Research Methodolog y by CR Kothari;
September	23/09/2024	28/09/2024	4	Different Types of Samples: Simple Random, Stratified, Serially Stratified,		Smartboard / PPT	Research Methodolog y by Kumar
September /October	30/09/2024	05/10/2024	3	Systematic, Cluster,		Smartboard / PPT	Research Methodolog y by CR Kothari;
October	07/10/2024	12/10/2024	4	Multistage and Sequential;		Smartboard / PPT	Research Methodolog y by Kumar
October	14/10/2024	19/10/2024	4	Sampling and Non-sampling Errors.		Smartboard / PPT	Research Methodolog

							y by CR Kothari;
October	21/10/2024	22/10/2024	1	Revision			