



“Dissemination of Education for Knowledge, Science and Culture”

-Shikshanmaharashi Dr. Bapuji Salunkhe

**Shri Swami Vivekanand Shikshan Sanstha
Kolhapur's**



**Padmabhushan Dr. Vasantodada Patil Mahavidyalaya
Tasgaon, Dist- Sangli 416312**

Affiliated to Shivaji University, Kolhapur MS.

RESEARCH METHODOLOGY

Dr. Sonawale A.G.

HOD, Department of Commerce

Paper-IV : DSE-A-IV : Advanced Accountancy (Research Methodology)		
Course Outcomes	1. Familiarity with basics of research. 2. Designing research protocol for research problem. 3. Preparation of the instrument for data collection. 4. Ability of analysis and interpretation of data.	
Expected Skills Impartation(Through theory and Practical's)	1. Identifying and selecting research problem, 2. Preparing research design. 3. Preparing questionnaire/schedule and collecting data. 4. Analyzing and interpreting data and writing research report.	
Marks : 80		Total 60 Hours
Syllabus Contents:		
Unit 1: a) Theory	Basics of Research: Meaning and objectives of research, research in commerce and Management, Types of research, review of literature, research process, methods of research: Case study and survey method.	15 Hours
b) Practical	(a) Identification of research problem. (b) Classification of research problem according to types. (c) Formulation of research questions and objectives.	
Unit 2: a) Theory	Meaning and components of research design, exploratory research design, descriptive research design, diagnostic research design and experimental research design, Hypothesis: Meaning and Types of Hypothesis, process of formulating hypothesis. Sample Design-sampling techniques: random and non-random sampling methods.	15 Hours
b) Practical	(a) Preparation of Research Design. (b) Formulation of Hypothesis. (c) Selection of appropriate sampling design.	
Unit 3: a) Theory	Meaning of Data, Types of data-quantitative and qualitative, sources- Primary and secondary, methods of primary data collection-questionnaire method, interview method, observation method, focus group interview method, types of questions in questionnaire, sources of secondary data, classification, tabulation and graphical presentation.	15 Hours
b) Practical	(a) Preparation of questionnaire	

	<p>(b) Preparation of interview schedule/observation schedule</p> <p>(c) Extraction of data from secondary sources (RBI, Government websites, national and international apex bodies etc.)</p> <p>(d) Classification of data and tabulation.</p>	
Unit 4: a) Theory	Analysis and Interpretation of Data using various descriptive statistical tools (measure of central tendency, measures of dispersion, correlation and regression) Hypothesis testing by suitable methods. (Parametric and non-parametric tests), Chi-square test, One Sample 't' test and independent sample 't' test, layout of research project, steps involved in report writing, requisites of good research report.	15 Hours
b) Practical	<p>(a) Analysis and interpretation of classified data by using statistical tools. (b) Testing of hypothesis by using appropriate test.</p> <p>(c) Report writing according to objectives and hypothesis.</p> <p>[Use any suitable software for the purpose of (a) and (b)]</p>	
Note:	Questions on theory as well as problems/case on each unit should be asked in university examinations.	



•What is Research?

Research is a process through which an individual or the researcher helps to search the definite or useful information from the number of respondents to evaluate or solve the problem-related questions. In fact, research is an art of scientific investigation or technique.

In other words, some people say that research is a systematized effort to gain knowledge and it is a process of collecting, evaluating, and interpreting information to answer questions.

OBJECTIVES OF THE RESEARCH

- To Find Out The Real Facts
- To Achieve The New Thoughts-
- To Evaluate The Information-
- To Test A Hypothesis-
- To Design Or Implement The Research
- To Improve The Understanding-

Types of Research

1. Basic and applied
2. Descriptive and analytical
3. Empirical and exploratory
4. Quantitative and qualitative
5. Explanatory (causal) and longitudinal
6. Experimental and evaluative
7. Participatory action research

THANK YOU