

SARDAR PATEL UNIVERSITY
Programme: Master of Education (2 Years)
Semester: I
Syllabus with effect from: June 2015

Paper Code: PE01CMD204	Total Credits: 4
Title Of Paper: Introduction to research in education	

Unit	Description in detail	Weightage (%)
	<p>OBJECTIVES: The student understand the concept and place of research in education Become familiar with various sources for research and review the literature. Get acquainted with various types, approaches and methods of research. Understand the process of educational research in terms of its plan, proposal, problem selection and design. Get conversant with tools and procedure of collecting data and techniques of analysis. Initiate into research by undertaking a piece of research and preparing dissertation. Achieve skills in writing and interpreting research report.</p>	
1	<p>RESEARCH AND EDUCATION: Concept of Research and Educational Research. Need of Educational Research Areas of Educational Research Types of Research, Basic, applied and action research Scientific Inquiry, Scientific method and Theory Development Impediments to research impact on education</p>	25 %
2	<p>SELECTION OF THE RESEARCH PROBLEM AND PROPOSAL: Sources of research problem Review of related literature: meaning, importance and procedures. Selection and definition of research problem Formulations of objectives & Hypotheses Meaning and types of variables Preparation of research proposal</p>	25 %
3	<p>METHOD OF EDUCATIONAL RESEARCH: Descriptive methods: Survey Developmental methods - Cross section and longitudinal Correlational study Casual comparative study Experimental research</p>	25 %
4	<p>SAMPLING PROCEDURE: Population and sample Importance of sampling Characteristics of good sample Types of sampling: random, stratified, systematic, cluster, purposive and incidental sampling. Sample size: important consideration in determining sample size.</p>	25 %



Practicum:

- Review related literature
- Preparation of research proposal
- Action research

Basic Text & Reference Books:

- Best, John W. Research in Education Englewood Cliffs; N.J. Prentice Hall, Include 1978 Borg, W.R. & Gall MD. Educational research : An Introduction (third edition New York) longman Inc. 1979.
- Burroughs G.E.F. design and Analysis in Educational Research(second edition) Oxford : Alden & Mawbrey 1975
- Desai, H.G Style Manual for Dissertation. Rajkot: Saurashtra university, 1979 Cephart
- Gilbert S. Foundations of Educational Research, Englewood. Clifffic New Jersey: Prentice Hall 1979
- Bruce, W. Conducting educational research (second edition New York)
- Good Carter V. And Scates Douglas E. Methods of research Educational, Psychological, Sociological, New York, Applnton Century fox.
- Hyman H.H. survey: design and analysis, principles , cases. Procedures new York: The free press.
- Kerlinger F.N. Foundations of Behavioural Research: Educational and psychological inquiry. New York .
- Koul Lokesh, Methodology of educational research, New Delhi: Vani Edutional Books 1984 levin J. Elementary Statistics in Social Research.
- Lynch, M.D. & Huntsberger, D.V.Elements of Statistical Inference for Education and Psychology, Allyn and Bacon, Inc.1979
- Rummel, J.F. An introduction to Research Procedure in Education. (second edition) New York & Row Publishers 1974

