

**SARDAR PATEL UNIVERSITY**  
**Programme: Master of Education**  
**Semester: I**  
**Syllabus with effect from: June 2013**

<b>Paper Code:</b> PE01CMED02	<b>Total Credits: 4</b>
<b>Title Of Paper:</b> Methodology of Educational Research	

Unit	Description in detail	Weightage (%)
<b>1</b>	<b>Research and Education:</b> 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	<b>25 %</b>
<b>2</b>	<b>Sources for Educational Research and Review of Related Literature:</b> Types of Sources (Preliminary, Secondary, Primary and Supplementary) their meaning, use and examples Study skills for educational researcher, skills for literature search, library skills, reading skills and note-taking skills Review of related literature-meaning, importance and procedure Introduction to integrative research review and Meta analysis	<b>25 %</b>
<b>3</b>	<b>Planning Educational Research:</b> Major steps of the process of Educational Research Selection and Definition of the problems of Research Formulation and types of Hypotheses Meaning and types of variables Preparation of Research Proposal	<b>25 %</b>
<b>4</b>	<b>Methods of Educational Research:</b> Historical Method Descriptive Methods; <ul style="list-style-type: none"> <li>• Survey method</li> <li>• Developmental Methods -               <ul style="list-style-type: none"> <li>○ Cross Sectional &amp; Longitudinal Method</li> </ul> </li> <li>• Inter relationship studies               <ul style="list-style-type: none"> <li>○ Case study</li> <li>○ Causal Comparative Study</li> <li>○ Co-relational Study</li> </ul> </li> </ul> Experimental Methods – Definition, Main Designs and their validity Qualitative Research Meaning & Nature <ul style="list-style-type: none"> <li>• Introduction to Phenomenological research</li> <li>• Ethno methodological research</li> <li>• Naturalistic Inquiry</li> </ul>	<b>25 %</b>

**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 & Mawbray Lte. 1975.
- Desai, H.G. Style Manual for Dissertation/Theses. Rajkot: Saurashtra University, 1979 Cephart, W.J. & Ingle, R.B.Educational Research (Selected Readings) Ohi: C.E. Merrill Publishing Co.1969.
- Gilbert S. Foundations of Educational Research, Englewood, Clifffic New Jersey: Prentice-Hall Inc. 1979.
- Bruce, W. Conducting Educational Research (Second Edition) New York: Harcourt Brace Jovernovich, Inc. 1978.
- Good Carter V. and Scates Douglas E. Methods of Research Educational, Psychological, Sociological, New York. Appleton Century Crofts, Inc. 1954.
- Good, W.J. Hatt P.K. Methods in Social Research New York: MC-Graw Hill Book Co.1952
- Hyman H.H. Survey: Design and Analysis, Principles, cases. Procedures, New York: The Free Press. 1955.
- Kerlinger F.N. Foundations of Behavioural Research: Educational and Psychological Inquiry. New York: Hlt and Rinehast and Winson, Inc. 1983.
- Koul, Lokesh, Methodology of Educational Research, New Delhi: Vani Educational Books, 1984 levin, J. Elementry Statistics in Social Research. (Second Edition) New York: Harper & Row Pub., 1977.
- Lynch, M.D. & Huntsberger, D. V. Elements of Statistical Inference for Education and Psychology, Allyn and Bacon, Inc. 1976.
- Rummel, J.F. An Introduction to Research Procedure in Education. (Second Edtion) New York: Harper & Row Publishers, 1964.
- Sukhia, S.P. Methrotra, P.A. and Methotra, R.N. Elements of Educaitonal Research (Second Edition) New Delhi: Allied Publishers, 1966.
- Travers, R.M.V. An Introduction to Educational Research (Third Edition) London: The Macmillan Co. 1969.
- Tuckman, B.W. Conducting Educational Research (Second Edition) New York: Harcourt Brace Jovenovich, Inc. 1978.
- Van dalen, D.B. and Mayer, William J. Understading Educational Research an Introduction New York: MC Graw Hill Book Company, 1979.
- ઉચાટ ડી.એ.સામાજિક શાસ્ત્રોમાં સંશોધન સમસ્યા પસંદગીના સૈધ્ધાંતિક અને વ્યવહારુ આધારો રાજકોટ, પારસ પ્રકાશન ૧૯૯૭
- ઉચાટ ડી. એ. જોષી એચ. ઓ. દોંગા, એન. એસ. અને અંબાસણા એ.ડી. સંશોધન અહેવાલનું લેખન શી રીતે કરશો? રાજકોટ નિજિજન સાયકો સેન્ટર ૧૯૯૮.
- દેસાઈ એ. ત્ર. અને દેસાઈ કે. ત્ર. સંશોધન પદ્ધતિઓ અને પ્રવિધિઓ અમદાવાદ : યુનિવર્સિટી ગ્રંથનિર્માણ બોર્ડ, ગુજરાત રાજ્ય, ૧૯૮૯
- દેસાઈ એચ. ત્ર. અને ત્રિવેદી એમ. ડી. (સં) શૈક્ષણિક સંશોધનની રૂપરેખા રાજકોટ : સૌરાષ્ટ્ર યુનિવર્સિટી, ૧૯૮૨
- જોષી એચ. ઓ. કસોટી સંરચના રાજકોટ : ડા. એચ. ત્ર. દેસાઈ મેમોરીયલ એજ્યુકેશન ટ્રસ્ટ ૧૯૯૧
- ઉચાટ ડી. એ. (૧૯૯૮) સંશોધન વિમર્શ : રાજકોટ : શાંત, ૩ ટાગોર પાર્ક સામે સંશોધની વિશિષ્ટ પદ્ધતિ.

