



C. U. SHAH UNIVERSITY
Wadhwan City

Department of Education (M.Ed.)

Semester: - II

Code: - MED02MER2

Name: Methodology of Education Research-2

Teaching & Evaluation Scheme: -

Subject Code	Name of the Subject	Teaching Scheme (Hours)				Credits	Evaluation Scheme							
		Th	Tu	Pr	Total		Theory				Practical (Marks)			Total
							Sessional Exam		University Exam		Internal		University	
							Marks	Hrs	Marks	Hrs	Pr/Viva	TW	Pr	
MED02 MER2	Methodology of Education Research-2	4	0	0	4	4	30	--	70	3	---	----	----	100

Objectives:

On completion of this course the students will be able to:

1. Prepare a research tool for data collection
2. Chose an appropriate research tool for their dissertation
3. Use different type of research tools and techniques
4. Understand the situations for using different type of research methods
5. Select appropriate research method for their dissertation
6. Present data in Graphical form
7. Compute statistical measures like Mean, Median, Mode, Etc.
8. Aware different Research Methods

Methods of Educational Research

Unit No.	Name of the Unit	Weightage
1.	Research Methods	25%
	1.1 Historical Research Method-Concept, Importance and objectives and Steps 1.2 Descriptive Research Method: Concept, Uses, Objectives, Characteristics, Limitation 1.3 Types of Descriptive Research Method: Survey Method- Concept, objectives, Characteristics, Types, Steps, Advantages, Limitation 1.4 Content Analysis Method, : Concept, Steps, Special point to keep in mind	
2.	Descriptive Research Method	25%
	2.1 Correlation method: Case Study Method (Concept, Characteristics, Steps, Tool, Special point to keep in mind, Advantages and Limitation) 2.2 Casual Comparative Method and Correlated Study method (Concept, Characteristics, Steps, use, Advantages and Limitation) 2.3 Developmental Method: Concept, Objectives, Types, Steps, Advantages and Limitation and Ethnographic Method: Concept, Characteristics, Steps, and Limitation 2.4 Ex-post Facto Research Method: (Concept, Characteristics, Steps, Advantages and Limitation)	
3.	Experimental Research Method	25%
	3.1 Experimental Research Method: Concept, Characteristics, Steps, Importance, Limitation 3.2 Variables: Independent, Dependent Control, Moderator, Extraneous and Intervening Variables 3.3 Internal and External Validity in Experimental Research, Various Designs of Experimental Research. 3.4 Qualitative Research: Concept, Characteristics, Advantages, Limitations, Difference between Qualitative and Quantitative	
4	Tools Of Education Research	25%
	4.1 Questionnaire: Meaning, types of giving Questionnaire, Types, construction, Rapport With respondents, Characteristics of good questionnaire and Rating scale : Meaning, Types, Suggestions, Advantages, Limitations 4.2 Interview : Meaning, Types, Essentials of successful interview, faults of interviewer in interviewing, Factors affecting interview and Checklist: Meaning, Construction, Advantages, Limitations 4.3 Attitude Scale: Concept of Attitude, Thurston Method, Likert Method and Observation : Meaning, Types, Essential of successful observation 4.4 Psychological Test: Meaning, Classification, characteristics Construction of Standardized test, Criteria for selecting a standardized test	

Suggested Activities:

1. Prepare term paper for Ethnographical study Method.
2. Conduct an Experiment for small group of any one class for their diagnosis work.
3. Case study of a school/college /university .

References:

1. Patel, R.S. (2009) Statistical Methods for Educational Research Ahmedabad: Jay Publication.
2. Patel R. S. (2010) Fundamental Concept of Research (Research Handbook): Ahmedabad, Jay Publication
3. Patel R.S. (2015) Research Methodology (3rd ed. Gujarati Version), Ahmedabad, Jay Publication.
4. Patel R.S. (2015) Research Methodology (1st ed. English Version), Ahmedabad, Jay Publication.
5. Patel, R.S. (2012) Statistical Techniques for Data Analysis (International Version), First Edition, LAP LAMBERT Academic Publishing GmbH & Co. KG DudweilerLandstr. 99, 66123 Saarbrücken, Germany.
6. Patel , R.S. : November-2011 Research Handbook (For all disciplines) (International Version)LAP LAMBERT Academic Publishing GmbH & Co. Saarbrücken, Germany.
7. Rummel J.F. (1964) An Introduction to Research Procedure in Education (2nded.)
8. Sharma R.A. (1984): Fundaments of Educational Research, Meerut: Loyal Bool Depot.
9. Sukhia S.P., Mehrotra R.N. (1990-91): Element of Educational Research (5thed.) Agra: Vinod Pustak Mandir.
10. Travers, R.M.V. (1978): An Introduction to Educational Research (4thed.) London: The Macmillan Co.
11. Tuckman B.W. (2012): Conduction Educational Research (6thed.) New York: Harcourt Brace Jovenovich Inc.
12. Van Dalen D.B., Meyer, William, J. (1979): Understanding Educational Research –