



Master of Education

Semester I

Course Code	PE01CMED54	Title of the Course	Introduction to Research in Education
Total Credits of the Course	4	Hours per Week	4

Course Objectives:	<p>To enable the students...</p> <ul style="list-style-type: none">• to describe concept and need of educational research.• to classify various research according to its area.• to memorize types of research.• to identify research problem.• to review the related literature.• to develop research proposal.• to choose an appropriate sampling method for research.• to describe different methods of research.
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Course Content		
Unit	Description	Weightage* (%)
1.	<p>Research and Education</p> <ul style="list-style-type: none">• Educational Research: Concept, Need and Characteristics• Areas of Educational Research• Scientific Inquiry, Scientific Method and Theory Development• Types of Research: Basic, Applied and Action Research• Research Paradigms in Education: Qualitative, Quantitative and Mixed and their characteristics• Impediments to Research in Education	25%
2.	<p>Selection of Research Problem and Proposal</p> <ul style="list-style-type: none">• Various Sources of Research Problem• Review of Related Literature: Meaning, Importance and Procedures• Selection and Definition of Research Problem• Meaning and Types of Variables, Operational Definitions• Objectives, Hypothesis, and Delimitations• Preparation of Research Proposal	25%
3.	<p>Sampling Procedure in Educational Research</p> <ul style="list-style-type: none">• Population and Sample• Importance and Characteristics of Good Sample• Types of Sampling	25%





	<ul style="list-style-type: none"> ○ Probability Sampling ○ Non-probability Sampling ○ Specific Sampling ● Sample Size, Errors in Sampling 	
4.	Methods of Educational Research <ul style="list-style-type: none"> ● Experimental Research ● Descriptive Research <ul style="list-style-type: none"> ○ Survey ○ Correlational Study ○ Casual Comparative Study 	25%

Teaching-Learning Methodology	Lecture-cum-discussion, Group Discussion, Presentations, Brain Storming, Seminars, Research Exercises
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	<ul style="list-style-type: none"> ● Internal Written / Practical Examination (As per CBCS R.6.8.3) ● Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3) 	30%
2.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	to describe concept and need of educational research.
2.	to classify various research according to its area.
3.	to memorize types of research.
4.	to identify research problem.
5.	to review the related literature.
6.	to develop research proposal.
7.	to choose an appropriate sampling method for research.
8.	to describe different methods of research.





Suggested References:

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- Desai, H.G. Style Manual for Dissertation/Theses. Rajkot: Saurashtra University, 1979
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- Good, W.J. Hatt P.K. Methods in Social Research New York: MC-Graw Hill Book Co. 1952
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- Tuckman, B.W. Conducting Educational Research (Second Edition) New York: Harcourt Brace Jovenovich, Inc. 1978.
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