

# M.P.E - 201 – Research Methods In Physical Education

## Unit –I:

- Research Meaning, Nature, Need and scope
- Classification of Research- Basic, Applied and Action Research
- Meaning of Knowledge
- Method of Knowledge
- Steps of Scientific Method
- Characteristics of good Researcher

## Unit –II: Problem

- Meaning of Problem
- Sources of Problem
- Statement of Problem
- Selection of Problem
- Limitation, Delimitations and Hypothesis
- Location and criteria for selection of Problem

## Unit –III: Sampling

- Meaning of Sampling
- Characteristics of Sampling
- Types of Sampling
- Literature of sources
- Allied, Critical Literature
- Library Technique

## Unit –IV: Survey

- Survey By Questionnaire and Interview,
- Case study
- Historical Research – Primary and Secondary Source
- Internal and External Criticism
- Characteristics of tools
- Types of tools

## Unit –V: Experimental Research

- Meaning
- Types of Experimental Research
- Control of Experimental Factors
- Research Report writing
- Thesis Format – Preliminary part, main body at the thesis, Reference Material

## Reference

- David H. Clarke and Clarke H. Harrison .” Research Process In Physical Education”. New Jersey:Prentics Hall Inc. 1984
- T. A Baumgartner, and Strong, C. H.” Conducting and Reading Research In Health and Human Performance .” New York : Brown And Benchmark :1994.
- C.R. Kothari, “Research Methodology Methods And Techniques”, New Delhi; Wiley Eastern Limited ,1993
- Anne Rothstein “ Research Design And Statistics For Physical Education New Jersey Prentice Hall Inc 1993.
- John W Best., and Khan, James V. “Research In Education.” New Delhi: Prentice Hall Of India Private Limited 1992.
- Sivaramakrishnan. S, Research Methods In Physical Education, New Delhi : Friends Publications,2006.