

MOTHER TERESA WOMEN'S UNIVERSITY,KODAIKANAL

PHYSICAL EDUCATION

DOCTOR OF PHILOSOPHY (Ph.D.)

COURSE WORK EXAMINATION

SYLLABUS

(Common Paper) Research Process In Physical Education

UNIT -1

RESEARCH: -Meaning- Need-Nature and scope of Research in Physical Education- Characteristics of a good research- Fundamental- applied and action research-Review of literature-Importance- location of the research material – index- books- bibliography-reviews and abstract- critical literature and allied literature-Steps in reviewing literature-Scanning and Skimming

UNIT – II

RESEACH PROBLEM -Identification of area for research in Physical Education - Selection of problem- Delimitation - operationalization of variables –Hypothesis-Meaning and Importance-Characteristics of good hypothesis- Types of hypothesis

UNIT – III

METHODS OF RESEARCH-Historical,-Descriptive- Experimental- Philosophical Research design-Meaning of research design and its importance- Type of research design

UNIT – IV

SAMPLING-Concept of population and sample, Method of sampling: Probability and non-probability-**Tools & techniques**-Characteristics of a good research tools Questionnaire- Interview Observation, Psychological Test, Sociometric Techniques Attitude Scale-Inventories

UNIT – V

REPORT WRITING

Developing research proposal (synopsis)-Characteristics of good research reports-General format of a research report and Ethics in Physical Education

REFEREBCE

1. Aggarwal, Y.P.(1998), The Science of Educational Research, A Source book, Nirmal, Kurukshetra
2. Garrett, H.E.(1973), Statistics in Psychology and Education Vakils, Feffer and Simon, Bombay.
3. Good: C.V and Douglas, E.Scates 1954, Methods in social Research, Mcgraw Hill, Newyork.
4. Kou, Lokesh (1988), Methodology of Research , Vikas, New Delhi
5. Mouly, A.J.(1963), The Science of Education Research Eurosia, New Delhi