

ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ




University of Mysore

(Estd.1916)

Ph.D in PHYSICAL EDUCATION





UNIVERSITY OF MYSORE


Department of Studies in Physical Education and Sports Science

Sports Pavilion, Mysuru-570 006

Ph.D. in PHYSICAL EDUCATION

Regulations and Syllabus

Ph.D. in PHYSICAL EDUCATION



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Sports Pavilion, University of Mysore
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UNIVERSITY OF MYSORE
GUIDELINES AND REGULATIONS LEADING TO
Ph.D. IN PHYSICAL EDUCATION

Programme Details:

Name of the Department	:	Department of Studies in Physical Education and Sports Science
Subject	:	Physical Education
Faculty	:	Education
Name of the Programme	:	Ph.D.

Ph.D. IN PHYSICAL EDUCATION

Programme outcome

Students will be able to understand the:

- Basic principles of health and wellness to develop an informed, personal approach to mental and physical health.
- Principles of lifetime fitness and will incorporate fitness activities into a healthy and active lifestyle.
- Knowledge and demonstrate skills to safely engage in physical activity.
- Personal skills and attitudes to function as a competitor and member of an athletic team.
- Basic principles of anatomy, physiology, and/or biomechanics and apply the knowledge to movement activity.
- Value knowledge of psychological and sociological concepts, principles, and strategies that apply to physical activity and sport.

Programme Pedagogy

- Classroom Teaching
- Practical Teaching

COURSE-I: ADVANCED RESEARCH METHODOLOGY

Course outcome

- To develop awareness on Fundamentals of Research skills
- To develop awareness on Research Problem and Review of Literature
- To develop awareness on Hypothesis and known the Sampling techniques
- To develop the awareness on Data Analysis
- To develop the awareness on Research Reporting

COURSE CONTENT

Unit I : Fundamentals of Research

Review of the following concepts: Place of research in physical education; Scope of Research in Physical education; Ethical issues in research; Purposes of research/Types / methods of Research. Classification of research tools/techniques.

Unit II : Research Problem and Review of Literature

Formulation of a research problem. The research proposal or synopsis. The structural ingredients of a research synopsis. The need for and purpose of review of related literature. Sources of information and literature. (Brief concepts of Infilbnet, ERIC, Dissertation Abstracts international, Psychlit, etc). Critical and allied literature. Library search and guidelines.

Unit III : Hypothesis and Sampling Design

The research hypothesis and its significance. Sources of hypothesis. Formulation of hypothesis. Different Important concepts relating to research design. research designs. Sampling and sampling. Fundamentals. Sampling design and procedure.

Unit IV : Data Analysis

Descriptive data analysis. Brief concepts of parametric and non parametric data/ tests. Normal distribution. Measures of relative position – Z scores, T-scores, percentile scores. Norms. Measures of relationship. Statistical inference. Testing statistical significance. Testing hypothesis. Analysis of variance. Correlation and regression. Brief Concepts of multivariate statistical techniques.

Unit V : Research Reporting

Format / layout of the research report. Types of reports. Significance of report writing. Steps in writing report. Style of writing. Heading, Pagination, Tables, Foot notes, Bibliography.

COURSE-II: LITERATURE REVEIW

Course outcome

After the completion of the course the students will be able to understand

- The need for and purpose of review of related literature.
- Sources of information and literature. (Brief concepts of Infilbnet, ERIC, Thesis Abstracts international, Psychlit, etc)
- Critical and allied literature.
- Library search and guidelines.

References

1. Clarke, David H. And Clarke H.Harrison. Research Processes in Physical Education. 2nd edition; Englewood cliffs, New Jersey: prentice-Hall Inc.,1984.
2. Best, John W and James V Kahn. Research in Education. 10th Edition; Englewood cliffs, New Jersey: Prentice-Hall Inc.,1971.
3. Campbell, William G. Form and Style in thesis Writing. Boston: Houghton Mifflin Company.,1954.
4. Kamnalesh, M.L.Research Methodology in Physical Education and Sports. New Delhi: Metropolitan Book co., Pvt.Ltd.,1999.
5. Kerlinger, Fred N. Foundations of Behavioral Research. 2nd edition; Delhi: Surjeet publication, 1983.
6. K.P.Manilal and Y.S.Lakshmeesha. Writing Thesis format and style for Physical Education and Sports Sciences. First Edition; Bangalore: Adrints Publishers.,2003.
7. Kothari, C.R.Research Methodology; Methods and Techniques. 2nd edition; New Delhi: New age international PVT. Ltd Publishers, 2004.
8. Thomas, Jerry R, and others. Research in Physical Activity. Sydney: Allyn-Bacon Publishers,1983.
9. Sharma, yoginder Prasad. Physical education and research methodology. New Delhi: Reliance Publishing House, 1997.