



माँ विन्ध्यवासिनी विश्वविद्यालय, मीरजापुर

Maa Vindhyavasini University, Mirzapur

Website: <http://mvvu.ac.in>

e-mail : reg.mvvu@gmail.com

Faculty of Education

Syllabus/Ph.D Course Work

Course Code :101

Paper - I

Research Methodology

100 Marks-

Unit - I

Research methodology

- Location & formation of Research Problem
- Historical, Philosophical, Survey and Experimental Research
- Research Design
- Research Problem & Report writing
- Statistical Analysis Techniques : - T-test, Analysis of Variance, Analysis of Covariance Correlation, Regression, Chi-square

Unit - II

Philosophy and ethics

- Introduction to philosophy: definition, nature and scope, concept, branches
- Ethics : definition, moral philosophy, nature of moral judgments and recreations

Unit - III

Scientific Conduct

- Ethics with respect to science and research
- Intellectual honesty and research integrity
- Scientific misconducts: Falsification, Fabrication and Plagiarism (FFP)
- Redundant publication: duplicate and overlapping publication, salami slicing
- Selective reporting and misrepresentation of data

Unit - IV

Publication Ethics

- Publication Ethics: definition, introduction and importance
- Best practices/standard setting initiatives and guidelines: COPE, WAME etc.
- Conflicts of interest
- Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types
- Violation of publication ethics, authorship and contributorship
- Identification of publication misconduct, complaints and appeals

- Predatory publishers and journals

Unit - I

1. Sports Biomechanics

- Concept of different analysis: Mechanical analysis, Biomechanical analysis, Kinesiological analysis
- Mechanical Analysis of Fundamental Motor Skills: Walking, Running, Jumping, Throwing and Catching.

2. Sports Training

- Athlete's Development Approach (Multilateral Training, Specialized Training and High Performance Training)
- Talent Deduction, Talent Selection, Talent Identification and Talent Development
- Concepts of Periodization (Linear, Undulating Block)

Unit - II

1. Sports Psychology and Sociology

- Emerging trends of sports psychology for Healthy Life Style, Quality of life moral development and well being
- Theories of motor learning, developmental consideration in motor skill acquisition, dimension and theories of aggression, nature of stress and anxiety, management of stress
- Method and stages of psycho-diagnosis, qualitative methods in sports psychology
- Concept of gender, sex differences and their importance, gender inequality and gender expectation in sport, psychological perspective of injured athletes, athletes with physically challenged

2. Sports Sociology

- Sociological basis of Physical Education - Socialization process, Social nature of men and Physical activity, Physical activity for healthy Society
- Sports as cultural heritage of mankind, Customs, Traditions, National Sports, Competition and Cooperation

- a Introduction to Athletic Rehabilitation , Role of Therapeutic Exercises in Rehabilitation of athletic injuries

- Posture and its deformities with their corrective exercises

2. *Exercise Physiology*

- Exercise and Systems : Effect of exercise on Respiratory, Hormonal. Cardiovascular
- Exercise and Environment: Effect of exercise on Hot, Cold and High Altitude
- Muscle movement mechanism: Sliding filament theory, Types of muscles, Muscular system and exercise
- Exercise and Aging: Physiological changes, Training adaptation in aged, Guidelines for constructing exercise programme

Unit-IV

1. *Sports Management*

- Nature and Scope of Management
- Progressive concept and Essential skills of Management
- Leadership and Organizational performance.
- Sports Management in Colleges and Universities. Factors affecting planning

2. *Test Measurement*

- Need and Importance of Test, Measurement and Evaluation in the field of Physical Education.
- Criteria of Test Selection
- Measurement of Physical Performance

Code : 103

Paper – II

Practical Work

100 Marks-

I. *Recap Writing*

• *Seminar (Oral Presentation)*

Presentation of Ph-D Work