DEPARTMENT OF PSYCHOLOGY
UNIVERSITY OF PUNE
Ph.D. Course (2010 onwards)

Syllabus

EPPh.D - 1: Advanced Research Methodology (5 credits)

Unit I: Problem formulation, Review and Hypotheses.

1.1 Methods of knowing: Tenacity, authority, apriori, scientific
1.2 Developing Problem for research: characteristics of a good problem
1.3 Developing hypotheses: characteristics of a good hypothesis
1.4 Literature Review: Theory, earlier research- evaluation, deducing hypotheses

Unit II: Survey Research

2.1 Definition nature, types, scope
2.2 Advantages and disadvantages
2.3 Steps in survey
2.4 Design considerations
2.5 Sampling options/decisions and errors
2.6 Formulating questionnaire, planning interview
2.7 Data analysis in survey research.

Unit III: Research Designs, statistics and computer applications

3.1 Independent and matched groups designs
3.2 Normal distribution and its Applications.
3.3 Simple linear regression and multiple regressions.
3.4 ANOVA – one way and two way, planned and unplanned comparisons.
3.5 Non parametric tests: Chi square, tests of differences for correlated and Uncorrelated data
3.6 Introduction to SPSS.

Unit IV: Factor analysis and multiple regressions

4.1 Factor Analysis: Basic terms, Overview of extraction and rotation methods.
4.2 Factor Analysis: Confirmatory factor analysis
4.3 Multiple regressions, Canonical correlations

Unit V: Multivariate Analysis and report writing

5.1 Multivariate analysis of variance (MANOVA), Discriminate functions Analysis
5.2 Path analysis and structural equations, Multidimensional scaling
5.3 Report writing: APA Style research paper, and Thesis writing

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EPPh.D-2 : Recent Trends in Psychology (5 credits)

Unit I: Personality Psychology : Trait Models

1.1 Trait model : Basic concepts
1.2 Allport’s concept of trait
1.3 Eysenck’s trait theory
1.4 Five-Factor Model of personality
1.5 New directions for research in trait psychology

Unit II.: The Indian approach to personality

2.1 The existence of soul, Atman (or Purusha of Sankhya Philosophy) as the essence of human personality.
2.2 Purusa, prakriti, and guna
2.3 Satva
2.4 Rajas
2.5 Tamas
2.6 Satva- rajas, rajas-tamas

Unit III.: Culture and Emotions

3.1 Overview of culture
3.2 Overview of emotion
3.3 Similarities in elicitation and manifestation of emotions across the cultures
3.4 Differences in elicitation and manifestation of emotions across the cultures
3.5 Affect valuation theory
3.6 Overview of measurements of emotion employed in cross-cultural research
3.7 Research methodology of emotion across the cultures (emic, etic or blend of the two)

Unit IV : Human Resources Development
4.1 Concept of HRD

4.2 HRD and its applications in Indian scenario
4.3 Issues and problems in HRD : International perspective
4.4 HRD model : Indian perspective

Unit V: Teaching – Learning Process

5.1 Concept and nature of teaching learning, goals of teaching
5.2 Relation between teaching and learning
5.3 Principles of teaching
5.4 Teacher effectiveness.
5.5 Methods of teaching

Reference:

2. Bhagwadgita
5. Journal of Cross-cultural Psychology (copies available at the library)
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EPPh.D-3: Topic related Recent Trends (5 credits)

Unit I: Theories and concepts related to topic  
Unit II: Review of Research  
Note: Guide of the candidate may frame a course work to be completed by the candidate

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EPPh.D-4: Topic related presentations and term papers  
Note I: Guides with the help of the departmental committee should conduct two presentations and give report of the evaluation equal to two credits  
Note II: Guide should give two term papers to the candidate and evaluate the work equal to three credits