

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

Syllabus

EPPh.D - I: 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

Handwritten signature and text:
B.O.S. chairman
(PST)

5.3 Report writing: APA Style research paper, and Thesis writing

References:

1. American Psychological Association (2001). Publication manual of the American Psychological Association (5th ed). Washington DC : Author
2. Bernstein, I. H. & Rowe, N.A.(2001). Statistical data analysis using your personal computer. Thousand Oak : Sage publication
3. Elliott,S.N.,Krarochoywill,T.R.,Cook,J.L.&Travers,J.F. (2002). Educational psychology: Effective teaching effective learning (3rded). Boston: McGraw Hill.
4. Fergusson, G.A.(1976). Statistical analysis in psychology and education. London: MC Graw Hill
5. Mc Burney, D.H. & White, T.L.(2007). Research methods (7th ed). Thomson/Wadsworth.
6. Minium, E. W., King, B.M. & Bear, G. L. (1993) Statistical reasoning in psychology and education (3rd Edn.). New York.: John Wiley & Sons, Inc.
7. Nunnaly,J.C.(1981). Psychometric theory. New Delhi: Tata McGraw-Hill.
8. Shaughnessy , J.J., Zechmeister, F.B., Zechmeister, J.S.(2003). Research methods in psychology (6th ed). New York : McGraw-Hill
9. Tabachnick, B.G. & Fidell, L.S.(2007). Using multivariate statistics (5th ed.) Boston : Allyn & Bacon.

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DEPARTMENT OF PSYCHOLOGY
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Ph.D. Course (2010 onwards)
Syllabus

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
- 3.4 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

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- 5.3 Principles of teaching
- 5.4 Teacher effectiveness.
- 5.5 Methods of teaching

Reference:-

1. Berry, J.W., Poortinga, Y.H., & Dasen, P.R. (2002). Cross cultural psychology research and applications (2nd ed). New York Cambridge.
2. Bhagwadgita
3. De Radd, B. (2001). The big five personality factors : The Psycholexical approach to personality. Seattle : Hogrefe and Huber
4. Hall, C. S., Lindzey, G., Campbell, J.B. (2004). Theories of personality (4th ed). New York : John Wiley & sons, Inc.
5. Journal of Cross-cultural Psychology (copies available at the library)
6. Kolb, D.A., Rubin, I.M. & Mc Intyre, J.M. (1974). Organizational psychology: A Book of readings (2nd ed). London : Prentice-Hall International.
7. Misra, G. & Mohanty, A.K. (Eds) (2002). Perspectives on indigenous psychology. New Delhi : Concept Publishing Company.
8. Matsumoto, D. (2006). Are cultural differences in emotion regulation mediated by personality traits ? Journal of Cross-cultural Psychology, 37, 421-437.
9. McCrae, R.R. & Allik, J. (Eds) (2002). The Five Factor Model of personality across cultures. New York: Kulwer academic / Plenum Publishers
10. Pattanayak, B.C. (2001). Human resource management. New Delhi- Prentice Hall of India Pvt.Ltd.
11. Pervin, L.A. & John, O.P. (Eds) (1999). Handbook of personality (2nd ed). New York : Guildford.
12. Triandis, H.C., & Suh, E.M. (2002). Cultural influences on personality. Annual Review of Psychology, 63, 133-160.
13. Tsai, J.L., Knutson, B. & Fung, H.H. (2006). Cultural variation in affect valuation. Journal of Personality and Social Psychology, 90, 288-307.
14. Woolfolk, A. (2004). Educational psychology (9th ed.) Delhi: Pearson Publication.

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syllabus

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

DEPARTMENT OF PSYCHOLOGY
UNIVERSITY OF PUNE
Ph.D. Course (2010 onwards) (5 credits)

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

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