

SAVITRIBAI PHULE PUNE UNIVERSITY



SYLLABUS FOR Ph.D. (PSYCHOLOGY) COURSE WORK DEPARTMENT OF PSYCHOLOGY

Total Number of Credits: 16

Course No.	Course/Activity	Credits
1.	Advanced Research Methodology	04
2.	Attending (At least One) Seminar (National/International)	01
3.	Two Subject Specific Advance Level Courses	08
4.	Research and Publication Ethics Conducted by Centre for Publication Ethics (CPE) Savitribai Phule Pune University, Pune Email: cpecreditcourse@gmail.com	02
5.	Pedagogical Training/Assessment Statement	01
		Total Credits: 16

w.e.f. 2023

SAVITRIBAI PHULE PUNE UNIVERSITY
DEPARTMENT OF PSYCHOLOGY
PH. D COURSE WORK SYLLABUS (ONWARD-2023)
EP-Ph. D. CW-1: Advanced Research Methodology (4 Credits)

- 1.0. Research Problem, Hypotheses and Review (15)**
- 1.1. Overview of research process and basic research concepts: Problem, variables, Hypotheses, Operational Definition.
 - 1.2. Types of Research: Exploratory, descriptive, analytical/explanatory, experimental, applied and survey research, meta-analysis, qualitative and quantitative research.
 - 1.3. Hypotheses: Meaning and characteristics of hypothesis, types of hypotheses; null hypotheses, alternative hypotheses and sources of hypotheses.
 - 1.4. Review of literature: Importance, types, source of data; online/offline, primary and secondary, authenticity, credibility and reliability of sources of data.
 - 1.5. Types of Sampling: Probability and Non-Probability sampling.
- 2.0. Research Methods, Design, and Statistical Analysis (15)**
- 2.1. Experimental Designs: Meaning, principles and functions
 - 2.2. Independent and matched groups design, repeated measure designs, complex designs.
 - 2.3. Between-group Designs: Randomised groups design, block designs; two-groups design, randomized block design more than two groups.
 - 2.4. Factorial Designs: Simple factorial design, factorial design with covariate. randomized block factorial designs. Differences between groups designs, repeated designs and mixed designs.
 - 2.5. Descriptive and Inferential Statistics: t-test, one-way and two-way (ANOVA), planned and unplanned comparisons. Non-Parametric Tests: Chi-square, tests of differences for correlated and uncorrelated data.
- 3.0. Factor Analysis, Multivariate Techniques, Quasi-Experimental Designs and Scaling (15)**
- 3.1. Factor Analysis: Introduction, overview of extraction and rotation methods, exploratory and confirmatory factor analysis.
 - 3.2. Multivariate Analysis of Variance (MANOVA),
 - 3.3. Other Multivariate Techniques: Multiple regression, Path-Analysis, and structural equations. Discriminant functional analysis, canonical correlation.
 - 3.4. Quasi-experimental designs: Characteristics and types; Single-group design, pre-test post-test designs. Non-equivalent control group designs, time series designs, cohorts designs.
 - 3.5. Psychophysical Scaling and Types: Psychological scaling; Thurston-types scales, Likert-type scales, Osgood's semantic differential technique.
- 4.0. Qualitative Research, Data Analysis and Research Proposal & Report Writings (15)**
- 4.1. Qualitative Research: Meaning and characteristics. Qualitative case study; Qualitative interviews.
 - 4.2. Analysis of Qualitative Data: Thematic Analysis, Developments of themes and Subthemes, triangulation analysis.
 - 4.3. Research Data Analysis: Manually and by using software: SPSS & 'R' software's
 - 4.4. Research Proposal Format for financial assistance: Major & Minor.
 - 4.5. Format (APA) of research report.

Books for Readings

1. Edwards, A. I. (1985). *Experimental designs in Psychological research*. Harper & Row.
2. Broota, K. D. (1989). *Experimental Designs in Behavioural Research*. Wiley Eastern.
3. Nunnally, J. C. & Bernstein, I. H. (1994). *Psychometric Theory*. (3rd ed), NY: McGraw Hill.
4. Zechmeister, J. S. Zechmeister, E. B. & Shaughnessy, J. J. (2001). *Essentials of Research Methods in Psychology*.
5. Singh, A. K. (2006). *Tests, Measurements and Research methods in Behavioural sciences*. (5th ed). Patna: Bharati Bhavan.
6. Christensen, L. B., Johnson, R. B., Lisa, A., *Research Methods, Design, and Analysis* (Year). 12th Edition, Pearson
7. Tabachnick, B.G. & Fidell, L.J. (2001). *Using Multivariable Statistics*. (4th ed).
8. Gorsuch, R. L. (1983). *Factor Analysis*. (2nd ed).
9. Hair, J.F. Anderson, R. E. Tatham, R.L. & Black, W. C. (2003). *Multivariate Data Analysis*. (5th ed). ND: Pearson Education.
10. Howitt, D & Cramer, D. (2005). *Introduction to Research Methods in Psychology*. Pearson Education.
11. Ranjit Kumar (2006). *Research Methodology: A step by step guide for beginners*. N. D: Pearson Education.
12. Richards, Lyn & Morcse, J.M. (2013). *Read Me First for A User's Guide To: Qualitative Methods*. (3rd ed), Sage Publication.
13. *Research Methodology: A Step-by-Step Guide for Beginners*. 2017, Sage Publications, India.
14. John W. Creswell (2017). *Research Design: Qualitative, Quantitative, and Mixed Methods Approach*. Sage Publication, Inc.
15. Paul Oliver (2017). *Writing Your Thesis*. (3rd Eds.) Sage Publications, Ltd.

SAVITRIBAI PHULE PUNE UNIVERSITY
DEPARTMENT OF PSYCHOLOGY
PH. D COURSE WORK SYLLABUS
(ONWARD-2023)

EP-Ph. D. CW-3: Advance Level Course in Psychology-I
(4 Credits)

Unit 1: Indian Approach to Psychology (15)

- 1.1. Nature and Fundamental assumptions of
- 1.2. Psychology of Hinduism, Buddhism, Jainism and Sufism.
- 1.3. Applications of Indian Psychology: Yoga, Mindfulness, and Vipassana.
- 1.4. Eastern and Western Approach of Psychology
- 1.5. New directions for research in Indian Psychology

Unit II: Personality Psychology (15)

- 2.1. Basic concepts and traits models of Personality
- 2.2. Psychodynamic and Psychoanalytic Models
- 2.3. Social Cognitive Theories of Personality
- 2.4. Humanistic and Existential Models of Personality
- 2.5. Indian approach to Personality

Unit III: Motivation and Emotion (15)

- 3.1. Concepts and component of emotion and motivation
- 3.2. Applications of motivation: Clinical, Industrial, Educational and Public-health set-up
- 3.3. Etic and Emic approach of emotions.
- 3.4. Emotions and culture: Overviews, similarities and differences in elicitation and manifestation of emotions across culture.
- 3.5. Emotional Intelligence: Models, measurement and correlates.

Unit IV: Health Psychology (15)

- 4.1. Introduction, Fields and Models of Health Psychology
- 4.2. Health-Enhancing and Health-Compromising Behavior
- 4.3. Stress and Coping: Stress and Illnesses, management and coping with stress
- 4.4. Heart disease, Hypertension, Stroke, and Diabetis.
- 4.5. Challenges and Trends of the Health Psychology for the Future

Books for Readings:

1. Safaya, R. (1975). Indian Psychology. New Delhi: Munshiram Manoharlal Publishers
2. Rao, K.R. & Paranjpe, A.C. (2016). Psychology in the Indian tradition: New Delhi: India: Springer Pvt. Ltd.
3. Cornelissan, M., Misra, and Verma, S. (2010). Foundations of Indian Psychology: Theories and Concepts. New Delhi: Pearson India

4. Hall, C.S., Lindzey, G., & Campbell, J.B. (2007). *Theories of Personality*. 4 th Edn. Wiley: India.
5. Hall, C.S., Lindzey, G. & Campbell, J. B. (1998). *Theories of Personality*. New York: John Wiley & Sons.
6. Schultz, D.P & Schultz, E.S. (2005). *Theories of personality*. Delhi: Thomson Wadsworth.
7. Buck, R. (1976) *Human Motivation and Emotion*, New York: Wiley.
8. Oatley, K. & Jenkins, J. M. (1992). *Understanding emotions*. Cambridge: Blackwell publishers.
9. Ekman, P. & Davidson, R.J. (1995). *The nature of emotion: Fundamental questions*. NY: Oxford University Press.
10. Salovey, P. & Sluyter, D. (eds) (1997). *Emotional development and emotional intelligence: Implications for educators*. NY: Basic Books.
11. Taylor, S. (1999). *Health psychology*. ND: McGraw-Hill.
12. Ogden, J. (2007). *Health psychology: A textbook (4th Ed.)*. U.S.A.: McGraw-Hill Open University Press.
13. Snyder, C. R., & Lopez, S. J. (Eds.) (2002). *Handbook of positive psychology*. New York: Oxford University Press.
14. Snyder, C. R., & Lopez, S. J. (2007). *Positive Psychology: The scientific and practical explorations of human strengths*. New Delhi: Sage Publications India Pvt. Ltd

SAVITRIBAI PHULE PUNE UNIVERSITY
DEPARTMENT OF PSYCHOLOGY
PH. D. COURSE WORK SYLLABUS (ONWARD-2023)

EP-Ph. D. CW-3: Advance Level Course in Psychology-II
(4 Credits)

Unite 1: Neurocognitive Psychology (15)

- 1.1. Definition, History and Scope of neuropsychology
- 1.2. Theories, approaches and applications of cognitive psychology: Piaget, Vygotsky, information processing, ecological approach, mental imagery & cognitive maps.
- 1.3. Methods and techniques of research in neuropsychology: degeneration techniques, lesion techniques, micro-electrode, oscilloscope, polygraph, & scanning methods
- 1.4. Current research areas of cognitive psychology and research methods of cognitive Psychology
- 1.5. Ethical issues in research in neurocognitive psychology.

Unite II: Human Resource Development and Organizational Behavior (15)

- 2.1. Concept and applications of HRD in Indian scenario.
- 2.2. Issues and problems in HRD.
- 2.3. Concept and theoretical applications of OB in research
- 2.4. Role of motivation, leadership, conflict and stress in OB
- 2.5. Positive Organization: Psychological Capital (PsyCap), Employees Health & Counselling.

Unite III: Psychopathology, Psychodiagnostics and Counselling (15)

- 3.1. Definition and Paradigms in Psychopathology: Biological, Psychological, Psychoanalytical, Behavioristic, Cognitive, Humanistic-Existential and Biopsychosocial model
- 3.2. Intellectual, Anxiety, Mood and Eating disorders.
- 3.3. Primary, Clinical Psychodiagnostics procedures; Developmental and Cognitive Process
- 3.5. Areas of Counselling and Guidance: School, Pre-Marital, Family, Special Population, Occupational, and Geriatric counselling.

Unite IV: Upcoming Areas in Psychology (15)

- 4.1. Meaning, Challenges and Indian Perspective of Sustainability
- 4.2. Emergence and Scope of Research in Sport Psychology
- 4.3. Nature, and Current trends of Research in Advanced Social Psychology
- 4.4. Concept and theories of Positive Psychology: Happiness, Hope, Mindfulness, Resilience and Interventions.
- 4.5. Research areas of Forensic Psychology: Delinquency, criminal psychopath, antisocial behavior, deceptions techniques, correctional behaviour, cyberstalking and interventions.

Books for Readings:

1. Farmer, T. A., & Matlin, M. W. (2019). *Cognition*. John Wiley & Sons.
2. Galotti, K. M. (2017). *Cognitive psychology in and out of the laboratory*. Sage Publications.
3. Kellogg, R. T. (2015). *Fundamentals of cognitive psychology*. Sage Publications.
4. Schneider. M. Alles. (1990). *An introduction to Physiological Psychology* (3rd Ed.) USA: Random House.
5. Cascio, W.F. (2010). *Managing human resources; Productivity, quality of work life, profits*. McGraw-Hill Education
6. DeCenzo, D. A., Robbins, S. P., & Verhulst, S. L. (2016). *Fundamentals of human resource management*. John Wiley & Sons.
7. K. Ashwathapa (2013). *Human resource management*. (7th Ed.) New Delhi: McGraw-Hill Education.
8. Robbins, S. P., & Judge, T. A. (2012). *Organizational behavior 15th edition*. Prentice Hall.
9. Sharma, A. & Khandekar, A. (2006). *Strategic human resource management*. An Indian Perspective. New Delhi: Response Books, A Division of Sage Publications.
10. American Psychiatric Association: *Diagnostic and Statistical Manual of Mental Disorders, (DSM-V)* (5th Ed.) Arlington, VA, APA, 2013.
11. Alloy, L.B., Riskind, J.H., & Manos, M.J. (2005). *Abnormal Psychology: current perspectives*. 9th Edn. Tata McGraw-Hill: New Delhi, India
12. Puri, B.K., Laking, P.J. & Treasaden, I.H. (1996). *Textbook of psychiatry*. New York: Churchill Livingston.
13. Sarason, I.G, & Sarason, R.B. (2002). *Abnormal psychology: The problem of maladaptive behavior* (10th Ed.). Delhi: Pearson Education.
14. Rychlak, F. (1973). *Introduction to personality and psychopathology*. New York: Houghton Muffin.
15. Kaplan, H. I., Sadock, B. J., & Grebb, J. A. (1994). *Kaplan and Sadock's synopsis of psychiatry: Behavioral sciences, clinical psychiatry* (7th Eds.). New Delhi: B. I. Waverly Pvt. Ltd.
16. Gelso, C. J., & Williams, E. N. (2022). *Counseling psychology*. APA.
17. Feltham, C., & Horton, I.E. (2006). *The Sage handbook of Counselling and Psychotherapy* (2nd ed.). London: Sage Publication.
18. Scott, A, B., Amel, E.L and Koger, S.M., Manning, C.M (2017) *Psychology for Sustainability*. (5th Eds.). Routledge.
19. Jones, R. G. (2014) *Psychology of Sustainability: An Applied Perspective*. Routledge.
20. Snyder, C.R., and Lopez, S. J. (2005). *Handbook of Positive Psychology*, Oxford University Press.
21. Singer, R., Hausenblas, H., & Janelle, C. (2001). *Handbook of Sports Psychology*. John Wiley & Sons. New Jersey.
22. Tenenbaum, G. & Eklund, R. (2007). *Handbook of Sports Psychology*. John Wiley & Sons. New Jersey.
23. Bartol, C.R., & Bartol, A. M. (2015). *Introduction to Forensic Psychology: Research and Application*, 4th (Edi,) Sage Publication.
24. Needs, A., & Towl, G. (2004). *Applying Psychology to Forensic Practice*. Blackwell Publishing.
25. Brown, J. M., & Campbell, E. A. (2010). *The Cambridge Handbook of Forensic Psychology*. Cambridge University Press.

Annexure-I

**SAVITRIBAI PHULE PUNE UNIVERSITY
DEPARTMENT OF PSYCHOLOGY
PH. D COURSE WORK
(GRADE STATEMENT)**

Name of the Research Center/University Dept. -----

Name of the Candidate: Mr/Ms. -----

Date of Registration: -----

Name of the Research Supervisor: -----

PH-CW: 1 (4C)	Total/100	Grade	Grade Point
Advanced Research Methodology			

PH-CW: 2 (1C)	Total/25	Grade	Grade Point
Attending Seminar (at least one)			
National	International		

PH-CW: 3 (8C)	Total/200	Grade	Grade Point
Advance Level Course-I (4C)			
Advance Level Course-II (4C)			

PH-CW: 4 (2C)	Total/50	Grade	Grade Point
Research & Publication Ethics			

PHCW: 5 (1C)	Total/25	Grade	Grade Point
Pedagogical Training/Assessment by Research Supervisor			
Review on Research concern areas	Seminar		

Coordinator, Ph.D. Course Work Program

Head of University Department

(Ph. D. Course Work)

Name of the Research Center/University Dept. -----

Name of the Candidate: Mr/Ms. -----

Date of Registration: -----

Name of the Research Supervisor: -----

Course	Course Name	Grade	Grade Point
I	Advanced Research Methodology (4 Credits)		
II	Attending and Presented at least One Paper in Seminar/Conference/Workshop (National/International)		
III	Subject Specific Advance Level Course (8 Credits)		
IV	Research and Publication Ethics (2 Credits)		
V	Pedagogical Training/Assessment by Research Supervisor (1 Credit)		
	CGPA =	GPA =	

Coordinator Ph.D. Program
Department of PsychologyHead of University Department
Director/Principal of Research Center

MARKS DISTRIBUTION FOR ATTENDING COURSE WORK

Course I: Advance Research Methodology (4 Credits) (Total Marks: 100)

Classroom Assignment (Presentation) (40 Marks)

1. Research Proposal for Financial Assistant: (20 Marks)
2. Review of Literature of relevant research: (20 Marks)

Written Test (60 Marks)

- a. Objective types questions (Any ten) for 20 Marks
- b. Questions of 300 words (Any two) for 20 Marks
- c. Question of 500 words (Any two) for 20 Marks

Course 2: One Seminar/Conference to be attending either National or International (One Credit) (25 Marks)

Course 3: Advance Level Course in Psychology-I (Total Marks: 100)

1. Classroom Assignments (Presentations) (40 Marks)

- a. Term Paper-I (20 Marks)
- b. Term Paper-II (20 Marks)

(Both term papers will be submitted by students during or after course work)

B. Written Test at the end of course (60 Marks)

- a. Objective types questions (Any ten) for 20 Marks
- c. Questions of 300 words (Any two) for 20 Marks
- d. Question of 500 words (Any two) for 20 Marks

Course 3: Advance Level Course in Psychology-II (Total Marks: 100)

A. Classroom Assignments (Presentations) (40 Marks)

- a. Term Paper-I (20 Marks)
- b. Term Paper-II (20 Marks)

(Both term papers will be submitted by students during or after course work)

B. Written Test at the end of course (60 Marks)

- a. Objective types questions (Any ten) for 20 Marks
- b. Questions of 300 words (Any two) for 20 Marks
- c. Question of 500 words (Any two) for 20 Marks

Course 4: Research & Publication Ethics (Two Credits) (50 Marks)

The course will be conducted by Centre for Publication Ethics (CPE) S.P. Pune University
For contact: Telephone: 7620141329 Email: cpecreditcourse@gmail.com

Course 5: Pedagogical Training (One Credit) (25 Marks)

This training will be completed by students for submitting review paper on the teaching-research process, principles of teaching, methods of teaching and research, and researcher's effectiveness by Research Supervisor.