

Banaras Hindu University

Department of Psychology

Syllabus

Ph. D. Coursework in Psychology

w.e.f. July, 2014

Ph. D. Course Work in Psychology

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(Department of Psychology)

The students registered for Doctoral programme in the Department of Psychology will be offered various types of course work (of total 20 credits) during the two semesters of their residency period. The various course works will be offered under three categories- 1) Compulsory course work of 3 credits common for all research scholars of the Faculty of Science, 2) Discipline specific course work of 7 credits, and 3) research theme related course work of 10 credits (6 credits for course work, 2 credits for preparation and presentation of research plan proposal and 2 credits for review of literature and presentation of seminar on a research theme related topic duly approved by the concerned RPC) .

Under the **discipline-specific course work**, the Ph.D. students of psychology Department will be offered two course work of which one will be core course and the other will be elective. The core course will be common to all the research scholars of the Department and the elective course will be offered (by the consultation of the RPC of the concerned student) from a pool of 3 elective courses. The name of courses and the distribution of credits have been displayed in the following table.

In the **research theme-specific courses** the research scholars of the department will be offered three courses. Two courses (of 3 credits each) will be offered from the two pools of such courses (one from each pool). The third course under this category will be of 4 credits (2 credits for preparation and presentation of research plan proposal and 2 credits for review of literature and presentation of seminar).

The research scholars of the Department may be allowed to undertake research theme related courses offered by other Departments provided such facility is provided by the other Department and the RPC of the concerned student is of the opinion that it will further the knowledge and skill of the concerned student.

The specific courses offered in a given semester will be announced by the Department immediately prior to that semester. The discipline specific and research theme related courses will be evaluated and there will be only end term examination for such courses. All such examinations will be conducted by the Department. The evaluation of Research Plan Proposal and presentation, and review of literature/seminar will be done by the concerned RPC of the research student.

**Course Structure of the Ph.D. Course Work in Psychology
w.e.f. July 2014**

Semester - I

Discipline-Specific Courses

7 credits

Course code	Title	Nature	Credits
PSPC-01	Research Methodology and Statistics	Compulsory	4
PSPC-02 PSPC-03 PSPC-04	Any one of the following: Clinical Assessment Cognitive Psychology Organizational Behaviour	Elective	3 3 3

Semester - II

Research Theme-Specific Courses

10 credits

Course code	Title	Nature	Credits
PSPR-01 PSPR-02 PSPR-03	Any one of the following: Health Psychology Human Resource Management Neuropsychology	Elective	3 3 3
PSPR-04 PSPR-05 PSPR-06	Any one of the following: Human Factors Counselling Psychology Personality	Elective	3 3 3
PSPR-07	Preparation and presentation of Research Plan Proposal	Compulsory	2
PSPR-08	Review of literature and presentation of a seminar on a specific research theme related topic	Compulsory	2

Semester – I

PSPC-01: Research Methodology and Statistics

Credits: 4

1. Planning research: Research Problem; Formulation of research plan; Writing research proposal, Reporting research (APA style)
2. Analysis and interpretation of data using SPSS: t-test, ANOVA, MANOVA, ANCOVA and post-hoc comparisons.
3. Statistical analysis and interpretation of associational research questions using SPSS: Multiple regression analysis, moderation and mediation analysis; multiple discriminant function analysis; Exploratory and confirmatory factor analysis.

Suggested Readings:

1. Field, A. (2005), *Discovering statistics using SPSS*. London: Sage Publications
2. J.A. Gliner, G.A. Morgan, N.L. Leech, 2009, *Research methods in applied setting: An integrated approach to design and analysis*(2nd Ed.). NY: Routledge (Taylor and Francis Group).
3. Robert Ho, (2006). *Handbook of Univariate and multivariate data analysis and interpretation with SPSS*. NY: Chapman and Hall/CRC (Taylor and Francis Group).
4. Tabachnick B.G., Fidell, L.S. (2007). *Using Multivariate Statistics* (5th Ed.). Prentice Hall.
5. Walliman, N. (2001). *Your research project: A step- by- step guide for the first time researcher*. London: Sage

PSPC-02: Clinical Assessment

Credits: 3

1. Psychodiagnostics: Nature and scope. Process and stages of diagnostic assessment.
2. Sources of clinical data: The assessment interview; behavioural assessment, ratings and checklists; psychological tests. Differential diagnosis.
3. Clinical interview: Nature and types, intake, diagnostic and crisis interviewing; diagnostic interviewing skills; mental status examination; case study.

Suggested Readings:

1. H. Goldenberg, 1983, Contemporary clinical psychology (2nd Ed.) New York: Brooks & Cole.
2. C. Barker, N. Pristang, R. Elliott, 2002, Research methods in clinical psychology: An introduction to students and practitioners. NJ, USA: John Wiley & Sons.
3. J. Morrison, 2007, Diagnosis made easier. NY: Guilford Press.
4. S. Pridmore, 2000, The psychiatric interview: A guide to history taking and mental status examination. *Amsterdam*: Taylor and Francis.
5. M.T. Neitzel, D. A. Bernstein, R. Millich, 1998, Introduction to clinical psychology. (5th Ed.). Upper Saddle River, N. J.: Prentice Hall.

PSPC-03: Cognitive Psychology

Credits: 3

1. Cognition: Methods and paradigms. Approaches: Behavioural and physiological.
2. Cognitive processes: Attention and consciousness, STM and working memory.
3. Individual and situational factors in cognition: Perspectives on cognitive development, aging and gender differences in cognition. Culture and cognition.

Suggested Readings:

1. K. C. Galotti, 2008, Cognitive psychology: Perception, attention and memory. New Delhi: Cengage.
2. E. B. Goldstein, 2008, Cognitive psychology, (2nd Ed.). Belmont: Wadsworth.
3. M.W. Matlin, 2008, Cognition (7th Ed.). USA: John Wiley & Sons.
4. R. J. Sternberg, 2009, Applied cognitive psychology: Perceiving, learning, and remembering. New Delhi: Cengage.
5. H. R. Schiffman, 2000, Sensation and perception: An integrated approach. New York: John Wiley.

PSPC-04: Organizational Behaviour

Credits: 3

1. Organizational behaviour: Approaches of study, challenges in organization behavior and present status.
2. Organizational commitment: Organizational ethics; spirituality at work place; social responsibility, organizational citizenship behavior.
3. Contemporary issues in organizational behaviour: Creativity and innovation; emotional labor, psychological contract; organizational justice and control.

Suggested Readings:

1. M.G. Aamodt, 2001, Industrial and Organizational psychology. New Delhi: Wardsworth
2. F. Luthans, 2010, Organizational behaviour (12th Ed.). New York: McGraw Hill.
3. P. Murray, D. Poole, G. Jones, 2006, Contemporary issues in management and organizational behaviour. Sydney: Cengage.
4. S. P. Robbins, Judge, 2010, Organizational behaviour. New York: Prentice Hall.
5. B. M. Staw, 2002, Research in Organizational Behaviour: An annual series of analytical Essays. Oxford: Elsevier.

Semester – II

First Group of Electives

Any one course from PSPR-01 to PSPR 03

PSPR-01: Health Psychology

Credits: 3

1. Health: Concept and models; medical and bio-psycho-social models of health; cross-cultural perspectives on health. Methods of study.
2. Major health concerns: HIV/AIDS, cancer, diabetes and CHD; health problems of women; intervention techniques.
3. Management of health related problems: Preventive, promotive and curative aspects of health; choice of medicinal systems; patient-doctor relationship.

Suggested Readings:

1. Aboud, F. E. 1998, Health psychology in global perspective. Thousand Oaks: Sage.
2. Baum, A. Revenson, T. A., & Singer, J. E. 2001, Handbook of health psychology. Mahwah, N. J.: Lawrence Erlbaum.
3. Brannon, L. & Feist, J. 2007, Introduction to health psychology. Thomson: Wadsworth.
4. Dimatteo, M. R., & Martin, L. R. 2002, Health psychology. Boston: Allyn & Bacon.
5. Marks, D., Murray, M., Evans, B., Willig, C., Woodall, C., & Sykes, C. M. 2005, Health psychology: Theory, research and practice. London: Sage.

PSPR-02: Human Resource Management and Development

Credits: 3

1. Changing environment and role of human resource management: Implications of globalization for HRM and HRD; global capitalism and competitive advantages.
2. Strategic human resource management: Models and dimensions.
3. Human resource policies and practices in the Indian context.

Suggested Readings:

1. Aswathapa, K. 1996, Human resource management. Mumbai: Himalaya Publishing House.
2. Barton, J. & Jeffery, G. 1999, Human resource management: Theory and practice (2nded.) London: McMillan Press Ltd.
3. Decenzo, D.A. &Robbins,S.P. 2002, Human resource management (6th ed.). Singapore: John Wiley
4. Dessler, G. &Varkkey, B. 2009,Human resource management (11thed.) New Delhi: Dvling Kindersley (India) Pvt. Ltd.

PSPR-03: Neuropsychology

Credits: 3

1. Brain functions: Principles of brain functioning- localization, globalization and lateralization.
2. Assessment of brain functions: Neuropsychological assessment, functional and structural imaging techniques, recording brain's electrical and magnetic activity.
3. Dysfunctional brain: Cognitive, affective and motor disorders of the brain; brain damage; neuroplasticity and functional recovery.

Suggested Readings:

1. D'Esposito, M. 2003, Neurological foundations of cognitive neuroscience. Cambridge: MIT.
2. Gazzaniga, M. S., & Heatherton, T. F. 2003, Psychological sciences: Mind, brain and behavior. NY: Norton & company. Inc.
3. Gazzaniga, M.S. 2002, Cognitive neuroscience: The biology of mind(2nd Ed.). New York: W.W. Norton and Company.
4. Kolb, B., & Wishaw, I. Q. 2003, Fundamentals of human neuropsychology (5th Ed.). New York: W.H. Freeman & Co.
5. Rapp, B. 2001, The handbook of cognitive neuropsychology. Chestnut Street: Psychology Press.

Semester-II

Second Group of electives

Any one course from PSPR-04 to PSPR 06

PSPR-04: Human Factors

Credits: 3

1. Human Factors: Definition, historical overview, models of human information processing.
2. Human interaction with automation in various contexts: Automation definition, aircraft piloting, air-traffic control, automobiles and highway systems.
3. Human error: The man-machine interface; approaches to human error, errors and accidents, error proneness and accident liability.

Suggested Readings:

1. Wiener, Earl L., Kanki, B G. & Helmreich, R. L. 1993, Cockpit resource management. New York: Academic Presss.
2. Singh, I. L. &Parasuraman, R 1998, Human Cognition: A multidisciplinary perspective. New Delhi: Sage.
3. Parasuraman, R. &Mouloua, M. 1996, Automation and human performance: Theory and application. Hillsdale, NJ: Lawrence Erlbaum Associate.
4. Nickerson, R. S. 1992, Looking ahead: Human factors challenges in a changing world. Hillsdale. NJ: Lawrence Erlbaum Associate.
5. Sheridan, T. B. 2002, Humans and automation: System design and research issues. Santa Monica, CA: John Wiley.

PSPR-05: Health Psychology

Credits: 3

1. Counselling: Historical perspective. Educational developmental and preventive models; ethical issues in counselling.
2. Counselling approaches: Psychoanalytic, person-centered, existential; cognitive behavioural and eclectic approaches.
3. Areas of counselling: Educational, career, family and marital and gerontological; stress management oriented counselling; group counselling.

Suggested Readings:

1. C. Feltham, I. Horton, 2006, The SAGE Handbook of counselling and psychotherapy. New Delhi: Sage Publications
2. Gelso, C.J., & Fretz, B.R. 1995, Counselling psychology. Bangalore: Prism Books Pvt. Ltd.
3. Patri, V.R. 2008, Counselling psychology. New Delhi: Authors Press.
4. Welfel, E.R. 2010, Ethics in counselling & Psychotherapy Belmont: Brooks/Cole
5. Woolfe, R., Dryden, W., & Strawbridge, S. 2003, Handbook of counselling psychology (2nd Ed.). London: Sage Publication Ltd.

PSPR-06: Personality

Credits:- 3

1. Trait and type approaches: Allport, Cattell, and Eysenck; Big-three and big-five models.
2. Psychodynamic and psychosocial approaches: Freud and Erikson.
3. Behaviouristic and social learning approaches: Skinner, Bandura and Mischel.
4. Humanistic and phenomenological approaches: Rogers and Kelly.

Suggested Readings:

1. Feist, J. & Fiest, G. J. (2009). Theories of personality. New York: McGraw Hill.
2. Friedman, H. S. & Schustack, M. W. (2003). Personality: Classic theory and modern research (2ndEd). Singapore: Pearson Education.
3. Funder. D. C. (2007). The personality puzzle (4thEd). New York: Norton College Books.
4. Hall, G. C., Lindzey, G., & Campbell, J. C. (1998). Theories of personality, (4thEd). New York: Wiley.
5. Larsen, R. J., & Buss, D. M. (2010). Personality Psychology: Domains of knowledge about human nature. New York: McGraw Hill.