

Chaudhary Bansi Lal University, Prem Nagar

(A State University established under Haryana Act No. 25 of 2014)



**Scheme of Examination
For
Psychology Subject
in
Ph.D. Coursework Programme
w.e.f Session (2025-2026)**

DEPARTMENT OF PSYCHOLOGY

**Chaudhary Bansi Lal University, Prem Nagar-127031
Bhiwani
Haryana, India**




**H.O.D.
Dept. of Psychology
Ch. Bansi Lal University
Bhiwani**

Program Specific Outcomes

Program Specific Outcomes:

PSO 1: Students would be able to pursue research of significance in the discipline or interdisciplinary areas under the guidance of an advisor.

PSO 2: Students would gain an insight regarding the area of interest and would have an understanding of conceptual frame work of the variables undertaken.

PSO 3: Students would gain an understanding in planning the design and methodology of research undertaken.

PSO 4: Students would be able to understand various statistical techniques, their interpretation and would be able to write the research work keeping in view the various ethical issues involved.

PSO 5: Students would have the understanding of the shortcomings and further recommendations about the study undertaken.

PSO 6: Students would attain the knowledge about the applicability and implications of the study undertaken




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Scheme of Examination of Ph.D. Coursework

Summary:

Program: Ph.D. Coursework in Psychology

Duration: One Semester

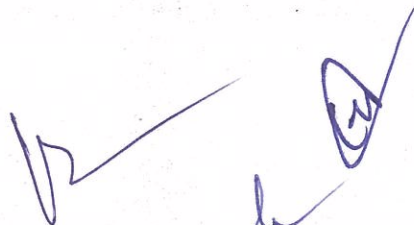
Total Credits: 14

Total Marks: 350

Semester	Paper Code	Nomenclature	Hrs/week L+T+P	Marks			Examination (hrs)	Credits L+T+P
				Int. Asst	Sem. Exam	Total		
I	24PSYPHC1	Research Methodology	4+0+0	30	70	100	3hrs	4+0+0=4
	24PSYPHC2	Recent Trends in Psychology	4+0+0	30	70	100	3hrs	4+0+0=4
	24PSYPHC3	Research and Publication Ethics	2+0+0	15	35	50	3hrs	2+0+0=2
	24PSYPHC4	Review of Literature and Computer Applications in Psychological Research: Practicum	0+0+8	50	50	100	4hrs	0+0+4=4
				125	225	350		Total Credits:14

- The research scholar may earn up to 40% credits through SWAYAM/ MOOCs in consultation with the concerned Chairperson of the Department.

*For any kind of detail see ordinance of Ph.D.


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Research Methodology

Paper code- 24PSYPHC1

Credits: 4

Time: 3 hrs

Maximum marks: 100

Internal Assessment: 30

Marks Examination: 70 Marks

Course Outcomes:

- CO1: Students would be able to develop and test research ideas and apply the knowledge of research designs in planning and analysing research.
- CO2: Students would gain knowledge about the assumptions, techniques, and applications of ANOVA.
- CO3: Students would gain knowledge about special Correlation and regression analysis.
- CO4: Students would gain knowledge about techniques and applications of qualitative research.

- Note:-
- A) Eight questions would be set in all.
 - B) There would be two questions from each of the four units
 - C) Candidates would be required to attempt four questions (selecting at least one from each Unit)

Unit- I

Development and Testing of Research Ideas.

Nature, purpose and type of Experiment Design: Randomized block design, Latin square design, Multi-factor design and Quasi-experimental design.

Unit- 2

Analysis of variance: Assumptions and Uses, Independent and equal n (one way, two way and three way); _Repeated measure (one way, two way) with repeated on one and both factors.

Unit- 3

Special correlations: Uses, Assumption; Biserial, Tetrachoric, Multiple correlations, Canonical Correlation analysis

Regression and Factor Analysis: Uses, Assumptions and Limitations; Multiple Regression, Factor Analysis.

Unit- 4

Qualitative Analysis; Application, Assumptions and Limitations.

Qualitative Methods: Content analysis, Grounded Theory, Narratives, Interpretative Phenomenological Analysis and Focus Groups.

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References-

- Broota K.D.(1989).Experimental Design in Behavioural Research. New Delhi: Willey Eastern
- Giles, D.C.(2002).Advanced Research Methods in Psychology. New York: Rutledge.
- Hair,J.F.,Anderson,R.E.,Tatham,R.L.,&Black,W.C.(1995).Multivariate Data Analysis.Jersey:Prentice Hall.
- Kline, T.J.B. (2005). Psychological Testing. New Delhi: Vistaar Publications.Mc
- Burney,D.H.(1994). Research Methods.California: Brooke/Cole.
- McGuigan,F.J.(1993).Experimental Psychology Methods of Research.New Delhi:Prentice Hall.
- Nachmias, D., & Nachmias, C. (1981). Research Methods in Social Sciences.New York: St.Martin's Press.
- Ray,W.J.(2003). Methods. California: Thomson Wordsworth.
- Shaughnessy,J.J.and Zechmeister E.B.and Zechmeister,J.S.(2000)Research Method in Psychology. New York: McGraw Hill.

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Singh, R., Shyam, R. and Gupta, L. (2015) Fundamental Statistics for Social Sciences, Rohtak, Intellectual Foundation.

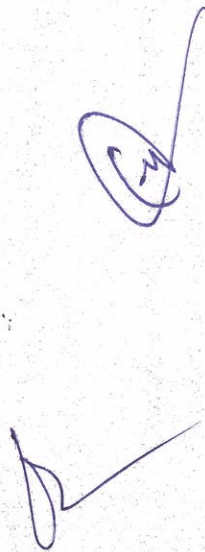
Smith, J.A. (2003). Qualitative Psychology. London: Sage Publications.

Smith, J.A. (2008). Qualitative Psychology: A practical Guide to Research Methods. New Delhi: Sage.

Spences, B. and Bowers, D (1976). An Introduction to Multivariate for Techniques Social and Behavioral Sciences. London: The Macmillan Press Ltd.

Tabachnick, B.G. & Fidell L.S. (1983). Using Multivariate Statistics. New York: Harper and Row

Winer, B.J. (1971). Statistical Principles in Experimental Design. London: McGraw Hill, Ltd.



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Recent Advances in Psychology

Paper code- 24PSYPHC2

Credits: 4

Time: 3 hrs

Maximum marks: 100

Internal Assessment: 30Marks

Examination: 70Marks

Course Outcome:

- CO 1: Students would be able to relate theories and the findings from research studies in Cognition to research and professional areas.
- CO2: Students would be sensitized to the utility and applicability of the Cyber Psychology.
- CO 3: Students would be able to comprehend and apply the Psychological processes underlying media effects or influences to research and professional areas.
- CO 4: Students would be able to comprehend and apply the Psychological processes underlying Forensic and Criminal Psychology.

Note:- (A) Eight questions will be set in all.

(B) There would be two questions from each of the four units.

(C) Candidates would be required to attempt four questions (Selecting one from each unit)

Unit-1

Cognitive Psychology: Individual differences in Cognition; Gender differences in Cognition; Cognition in a Cross-cultural perspective.

Unit-2

Cyber Psychology: Human-computer interaction, self and Identity in cyberspace, love and relationships online.

Unit-3

Media Psychology: Human Nature and scope of media psychology; Influences of films on behavior; Portrayal of Social groups in Films; Films and Behavior transformation.

Unit-4

Forensic Psychology; Applications, methods, theories and concepts of Psychology in legal system, Criminal profiling, Eye witness testimony, Insanity defense, Competency to stand trial.

References:

- Bartol, C.R. and Bartol, A.M. (2021) Introduction to Forensic Psychology; Research and application (6th Ed), Sage.
- Galotii, K.M. (2014). Cognitive Psychology: in and Out of the Laboratory. New Dehli: Saga Giles, D.C (2010) Psychology of the media. Basingstoke: Palgrave.
- Giles, D.C. (2003). Media psychology. Mahwah, NJ: Lawrence Erlbaum Associates.
- Kirwan, G. Connolly, R. Barton, H. Palmer, M. (Edited) (2024) Ar.i Introduction to Cyber psychology, Rutledge, Taylor and Francis group.

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Unit-3

Databases and Research Metrics

(A) Databases

1. Indexing databases
2. Citation databases: Web of Science, Scopus, etc.

(B) Research Metrics

1. Impact Factor of journals as per Journal Citation Report, SNIP, SJR, IPP, Cite Score Metrics: H-index, G-index, i-10 index, Altimetric.

Unit-4

Practice Open Access Publishing

1. Open access publications and initiatives
2. SHERPA-ROMEO online resource to check publisher copyright & self -archiving policies
3. Software tool of identify predatory publications developed by SPPU
4. Journal Finder/journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer, Journal Suggester, etc.

Publication Misconduct

(A) Group Discussions

1. Subjects specific ethical issues, FFP, authorship
2. Conflicts of interest
3. Complaints and appeals: examples and fraud from India and abroad

(B) Software tools:

1. Use of plagiarism software like Turnitin, Urkund and other open source software tools

References:

- Bird, A. (2006). Philosophy of Science, Routledge
- P. Chaddah (2018) Ethics in Competitive Research: Do not get scooped; do not get plagiarised. Indian National Science Academy (INSA), Ethics in Science Education, Research and Governance (2019).
- Beall, J (2012), Predatory publishers are corrupting open access. Nature, 489(7415), 179.
- National Academy of Sciences, National Academy of Engineering and Institute of Medicine (2009). On Being a Scientist: A Guide to Responsible Conduct in Research, Third Edition, National Academies Press.

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**Review of Literature and Computer Application in Psychological Research:
Practicum**

Paper code- 24PSYPHC4
Credits: 4 (8hrs/week)

Maximum marks: 100
Time: 4hrs

Course Outcomes:

CO1: Students would be familiarised with calculation procedures and tabulation of results of ANOVA, correlation and regression and factor analysis with the help of statistical analysis/SPSS software.

CO2: Students would gain mastery in computerised analysis of data using software packages.

CO3: Students would attain the knowledge to select the relevant studies related to the topic of the project report.

CO4: Students would be able to write review-based articles.

a) Review of Literature: Library-Based Review. (Maximum marks: 50)

Each Student will undertake a library-based review on not less than 25 articles on a topic to be assigned by Class teacher and submit a report. Evaluation will be on the basis of Report and Viva.

b) Computer Application in Psychological Research (Maximum marks: 50)

Each student will be familiarised with the calculation procedure and tabulation of the results of the following statistical analysis techniques using Statistical/SPSS software. Evaluation will be on the basis of Performance, report, and Viva.

Computation of ANOVA- Independent and equal N (two-way and three-way); Repeated Measures (one-way and two-way) with repeated measures on one and both factors with post hoc analysis.

Computation of Correlation - Bivariate, Multivariate, Partial

Computation of Regression - Simple, Multiple

Computation of Factor Analysis



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