



Master of Arts (CBCS)
M.A., Psychology: Semester: II

Course Code	PA02CPSY52	Title of the Course	Research Methodology & Statistics-II
Total Credits of the Course	4+1	Hours per Week	5

Course Objectives:	<ol style="list-style-type: none"> 1. To acquaint the students with sample, purpose of sampling research method. 2. To prepare the student for understanding the various data collection methods, types and use in research. 3. To demonstrate and learn the use of parametric statistical methods.
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Course Content		
Unit	Description	Weightage* (%)
1.	Steps and Types of Sampling 1.1 Meaning of Sample 1.2 Meaning of Sampling 1.3 Purpose of Sampling Design 1.4 Distinction between Population and Sample 1.5 Steps in Sampling Design 1.6 Criteria of selecting a sampling procedure 1.7 Characteristics of a good sample Design 1.8 Types of Sampling 1.9 Advantages of Sampling 1.10 Disadvantages of Sampling 1.11 Sampling errors 1.11.1 Errors in Sampling 1.11.2 Non-Sampling Errors.	25 %
2.	Data Collection method 2.1 Meaning of questionnaire method 2.2 Types of questionnaire method 2.3 Characteristics of questionnaire method 2.4 Advantages and disadvantages of questionnaire method 2.5 Meaning and Types of interview method 2.6 Steps in the process of interview method 2.7 Important Sources of Errors in interview method 2.8 Advantages and disadvantages of interview method 2.9 Meaning and Types of Observation method 2.10 Personal Document 2.11 Limitation of Personal Document 2.12 Public Document 2.13 Published and Unpublished document	25 %
3.	Interpretation and report writing 3.1 Meaning of interpretation	25 %





	3.2 Why interpretation? 3.3 Technique of interpretation 3.4 Precaution in interpretation 3.5 Significance of report writing 3.6 Different steps in report writing 3.7 Layout of the research report 3.8 types of research reports 3.9 Oral presentation 3.10 Mechanics of writing a research report 3.11 Precautions for writing research reports.	
4.	Statistics 4.1 Meaning statistics 4.2 types of statistics 4.3 Meaning of parametric test 4.4 Analysis of Variance: One way 4.5 't' Test 4.6 Correlation: Product moment Correlation Method.	25 %

Teaching-Learning Methodology	Assignment method, -Group discussion, Lecture method, -Power point presentation, -Seminar.
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Evaluation Pattern		
Sr.No.	Details of the Evaluation	Weightage
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	To develop insight related to research sampling techniques.
2.	To learn various methods of data collection in social research.
3.	To learn and acquire skill of preparing various data collection methods.
4.	To learn and use of parametric statistical techniques in research





Suggested References:

Sr. No.	References
1.	Broota, K. D. (1992), Experimental Design in Behavioral Research, N. Eastern.
2.	Dhila, B. D., Yagnik, L. R. and Chothani, K. B., (2004), Sanshodhan Padhattee, Vartanik Vignanma, (Research Method in Social Science), Akshar Publication, Ahmedabad.
3.	Jogsan, Y. A., (2016), Manovignanma Sanshodhan Padhdhati, (Research Methodology in Psychology), J K Print Shop, Rajkot.
4.	Karlinger, F. N., (1953) Research methods in the Behavioral Science, Dryden.
5.	Kapil,(2007),Element of statistics (In Social Science),Ravi mudralay, Agara
6.	Kothari, C. R., (2007), Research Methodology (Methods & Techniques), New Age International (P) Limited, Publishers.
7.	Kumar, (2016), Research Methodology (A step by step guide for Beginners), sage publications Mathura road ,New Delhi.
8.	Parekh, S. C. (1998), Non Parametric Statistics, Champa Prakashan, Junagadh.
9.	Parekh, S. C. and Dixit, S. K. (1995), Statistical Testing in Psychological Research, Champa Prakashan, Junagadh.
10.	Rajmanikam, M., (2001), Statistical Methods in Psychological and Educational Research, Concept Publication Company, New Delhi.
11.	Sadhu A. N. and Sing A., (1983), Research Methods in Social Science, Publication House, New Delhi.
12.	Mangal, S. K., (2016), Statistics in psychology and Education, (2 nd Edition), Mudrak publication, Patparganj, Delhi.
13.	Sendecor, G. W. and Cochran, W. G. (1968), Statistical Methods, Mohan Pramlani, Oxford & IBH Publishing Company.
14.	Trivedi, M. D. and Parekh, B. U., (1989), Statistics in Education, Granth Nirman Board, Ahmedabad.

On-line resources to be used if available as reference material

On-line Resources

<https://course.ccs.neu.edu/is4800sp12/resources/qualmethods.pdf>

<https://www.modares.ac.ir/uploads/Agr.Oth.Lib.17.pdf>

