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| **Name of the Programme** | **Masters in Social Work** |
| **Semester** | **II** |
| **Course Code** | **MSW-203** |
| **Nature of Course** | **Core** |
| **Course Title** | **Quantitative Research in Social Work** |
| **Credits** | **3** |
| **Marks** | **100** |

**Objectives:**

* To understand and to learn the process and techniques of quantitative research in social work
* Understand the nature scope and significance of research in social work research practice
* To familiarize with the statistical methods needed in research to use them in doing research.

**Course Content**

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| **Unit** | **Name of the unit** | **Contents** | **L** | **T** | **P** | **Marks** |
| **1** | Scientific Attitude- | Meaning, Characteristics. Scientific Method- Meaning, Characteristics, application for the study of a Social Problem. Research- Definition, Objectives. Social Work Research- Meaning, Objectives, Procedures, Functions and Limitations. Scope of Social Work Research. | 8 | 2 | - | 10 |
| **2** | Conceptualizing and designing quantitative studies: | Problem identification and formulation; objectives, concepts, variables, hypothesis and assumptions; types of research design and their scope, identification of the sources of data | 8 | 3 | - | 12 |
| **3** | Methods and tools of data collection | Observation, interviews, schedules, and questionnaires, participatory methods and techniques; scaling techniques; Sampling: Principles, types | 8 | 3 | - | 13 |
| **4** | Data Processing and Analysis | Structuring and sorting the data, frequency distribution and percentages, tabular and graphic presentation of data; Levels of measurement: nominal, ordinal, interval and ratio; | 8 | 2 |  | 13 |
| **5** | Analysis of Data | Percentages, Measures of central tendencies: mean, median, mode; Measures of Dispersion: range, quartile deviation, mean deviation, standard deviation; hypothesis testing: Chi-square test, T test; interpretation of findings, Report Writing in Research and plagiarism. | 8 | 2 |  | 12 |
| **TOTAL CONTACT HOURS** | | | 52 | | | 60 |

**References**

* Agarwal. Y.P. 1998. Statistical Methods Concepts Applications and Computation. New Delhi: Sterling Publishes Pvt. Ltd.
* Chose, B.N. 1997. Scientific Method and Social Research. New Delhi: Sterling Publishers. Pvt. Ltd.
* Das. D.K. Lal. 2008. Practice of Social Research: Social Work Perspective. Jaipur: Rawat Publications.
* Das D.K.Lal. 2008. Designs of Social Research. New Delhi: Rawat Publications
* Field. Discovering Statistics Using SPSS. California: Sage Publications.
* Gaur, Ajai S., et al. 2006. Statistical Methods and Practice and Research. New Delhi: Response Books
* Kerlinger, Fred. N. 1964. Foundations of Behavioural Research. New Delhi: Surjeet Publications.
* Kothari, C.R. 1985. Research Methodology. New Delhi: Wiley Eastern.
* Rubin, Allen et. al. 2006, Essential Research Methods for Social Work. California: Wadsworth Inc.
* Rubin, Allen et. al. 2006, Research Methods for Social Work, California: Wadsworth Inc.
* Salkind, Neil J. 2006. Tests and Measurements for People who Hate Tests and Measurements. California: Sage Publications
* Salkind, Neil J. 2004. Statistics for People who Hate Statistics. California: Sage Publications
* Singh, J. 1994. Introduction to Methods of Social Research. New Delhi: Sterling Publishers Pvt. Ltd.
* Wilkinson, T.S. 1984. Methodology and Techniques of Social Research. Bombay: Himalaya.