

**UNIVERSITY OF MADRAS**  
**B.Sc. DEGREE COURSE IN PSYCHOLOGY**  
**SYLLABUS WITH EFFECT FROM 2020-2021**

**BPY-DSC11**

**CORE-XI: INTRODUCTION TO RESEARCH METHODOLOGY**

**Instr.Hrs.: 6**  
**Credits : 4**

**Year : III**  
**Semester: V**

**Course Learning Outcome**

After completion of the Introduction to research methodology course, students will be able to:

1. Explain the needs, objectives , importance , problem and process of research based on review of literature
2. Identifying research problems and formulating hypothesis
3. Distinguish between the different types of sampling
4. Examine the methods used in data collection
5. Demonstrate an understanding of writing a research report

**UNIT I: RESEARCH METHODOLOGY: AN INTRODUCTION**

Definition- Need and Importance of psychological Research- Objectives of Research - Types of Research - The Research Process - Principles of a Good Research - Problems encountered by researches in India.

**UNIT II: RESEARCH PROBLEM, HYPOTHESIS AND REVIEW OF LITERATURE**

Research Problem: Meaning and characteristics of a problem - ways in which a problem is manifested - Types of Problems, Hypothesis: Meaning and characteristics of a good hypothesis – Types - Sources and Functions of Hypotheses, Reviewing the Literature: Purpose of Review - Sources of Review.

**UNIT III: SAMPLING**

Meaning and Need for sampling - Fundamentals of sampling- Factors influencing decision to sample- Types of Sampling: Probability and Non probability- Probability Sampling: Simple random, stratified random and area cluster sampling - Non probability sampling: Quota, Accidental, Judgemental or purposive, systematic and snowball sampling

**UNIVERSITY OF MADRAS**  
**B.Sc. DEGREE COURSE IN PSYCHOLOGY**  
**SYLLABUS WITH EFFECT FROM 2020-2021**

**UNIT IV: METHODS OF DATA COLLECTION**

Primary data: Questionnaire and schedule – Interview - Observation as a tool of Data Collection, Difference between Participant observation and non-participant observation - Rating Scale, Secondary data: Sources.

**UNIT V: WRITING A RESEARCH REPORT**

Meaning- General purpose of writing a research report-of a research report, Styles of writing a research report- Types of research reports- Precautions in writing research report

**REFERENCES**

1. McBurney, D.H. (2007). *Research methods*; New Delhi, India: Thomson Wadsworth
2. Singh, A.K. (2012). *Tests, measurements and research methods in behavioral sciences*. Patna, India: B.B. Printers.
3. Zechmeister, J. S., Zechmeister, E. B., & Shaughnessy, J. J. (2001). *Essentials of research methods in psychology*. New Delhi, India: Tata McGraw-Hill Education Private Limited.
4. Haslam, A.S., & McGarty, C. (2003). *Research methods and statistics in psychology*. New Delhi, India: Sage Publications.
5. Ramadass, P., & Aruni, W. A. (2009): *Research and writing across the disciplines*; Chennai, India: MJP Publishers.

**WEB RESOURCES**

1. [https://www.classcentral.com/course/swayam-introduction-to-research-5221?utm\\_source=cc\\_mooc\\_report&utm\\_medium=web&utm\\_campaign=swayam\\_fall\\_2019](https://www.classcentral.com/course/swayam-introduction-to-research-5221?utm_source=cc_mooc_report&utm_medium=web&utm_campaign=swayam_fall_2019)