

| SEMESTER-I | | CODE: MPY -C114 | PAPER TITLE: RESEARCH METHODOLOGY | |
|---|---|---|-----------------------------------|-----------------|
| Credit | Time | Internal Assessment | End Semester Examination | Total Marks |
| 05 | 03 Hours | 20+10=30 Marks | 70 Marks | 30+70=100 Marks |
| LEARNING OUTCOMES: | | | | |
| <ol style="list-style-type: none"> 1. Formulate testable hypotheses, use research designs, draw sample and select relevant tools 2. Design basic as well as socially relevant research studies using scientific methods 3. Get sensitized to ethical issues in conducting and publication of psychological researches | | | | |
| UNIT-I | Research Process | <ul style="list-style-type: none"> • Meaning and characteristics of scientific research; • Research Problem, types of research problems, sources of research problem, evaluation of research problem; • Variable, types of variables, Measurement of dependent variables, • Hypothesis, characteristics of a good research hypothesis, types and functions of hypothesis. | | |
| UNIT-II | Types of Research | <ul style="list-style-type: none"> • Experimental Research- meaning, selection, manipulation and control of independent and extraneous variables, types of experimental research. • Non-experimental research-meaning, characteristics, types, survey research, Ex-post facto Research • Quasi Experimental Research-meaning and types • Correlational Research | | |
| UNIT-III | Research Design | <ul style="list-style-type: none"> • Meaning, characteristics and purpose, Criteria of good research design, • Types of research design-Between groups design, Within groups design, Factorial design, Randomized design, Matched group designs. | | |
| UNIT-IV | Sampling | <ul style="list-style-type: none"> • Meaning, Purpose, Sampling error, • Types of sampling, • Factors influencing sampling decision - size, accessibility and cost. | | |
| UNIT-V | Methods of Data Collection and Report Writing | <ul style="list-style-type: none"> • Observation and Rating Scales • Questionnaire & Schedule • Interview • Report Writing - Research Report Writing based on APA Style, • Ethical issues in psychological research - APA ethics code | | |
| Books Recommended: | | | | |
| <ol style="list-style-type: none"> 1. अरुण कुमार सिंह (2017) मनोविज्ञान, समाजशास्त्र तथा शिक्षा में शोध विधियाँ, मोतीलाल बनारसीदास ISBN-13: 978-8120824119 2. एच के कपिल (2010) अनसुंधान विधियां व्यवहारपरक विज्ञानों में, भार्गव बुक हाउस, आगरा 3. CR Kothari and Gaurav Garg (2017) Research Methodology: Methods and Techniques, New Age International Pvt Ltd Publishers. ISBN-13: 978-8122436235 4. A.K. Gupta and R. Singh (2009). Research Methodology. New Delhi: Vayu Education of India 5. F.N. Kerlinger (1973). Foundation of Behavioural Research. Surjeet Publications. ISBN-13: 978-8122904765 6. C.J. Goodwin (2010). Research in psychology methods and design. John Wiley and Sons. ISBN-13: 978-0471763833 7. K.D. Broota (2006). Experimental Designs in Behavioural Research. New Age International Publishers ISBN-13: 978-8122402155 8. Leslie G. Portney (2020) Foundations of Clinical Research: Applications to Evidence-Based Practice F.A. Davis Company ISBN-13: 978-0803661134 | | | | |