



Gyanmanjari
Innovative University

Course Syllabus
Gyanmanjari Institute of Arts
Semester-5(B.A)

Subject: Research Methodology- BATPY15317

Type of course: Major

Prerequisite: NA

Rationale:

This subject provides foundational knowledge essential for understanding and conducting psychological research using scientific methods. It equips students with the skills to frame hypotheses, design studies, handle variables, and apply appropriate sampling techniques for valid and reliable results.

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks			Total Marks
CI	T	P	C	SEE	CCE		
					MSE	ALA	
4	0	0	4	100	30	70	200

Legends: CI-Class Room Instructions; T – Tutorial; P - Practical; C – Credit; ESE-End Semester Examination; MSE- Mid Semester Examination; V – Viva; CA - Continuous Assessment; ALA-Active Learning Activities.

4 Credits * 25 Marks = 100 Marks (each credit carries 25 Marks)

SEE 100 Marks will be converted in to 50 Marks

CCE 100 Marks will be converted in to 50 Marks

It is compulsory to pass in each individual component.



Course Content:

Unit	Course content	Hrs.	Weightage %
1	Research Process Meaning of Research, Function of Research/ Objective of Social research, Major Steps of Research Process, Types of Research, Types of psychological Research, Importance of Research, Importance of knowledge of Research	15	25%
2	Hypotheses Meaning of Hypotheses, Nature Criteria or Characteristics of Scientific or a Good Hypothesis, Sources or Bases of Hypotheses, Types of Hypotheses, Suggestions or Considerations for Hypotheses Construction, Significance, Importance, Need or Function of Hypotheses	15	25%
3	Variable and Research Design Meaning of Variable, Types of Variable, Research Design, Meaning of Research Design, Purpose of the Research Design, Characteristics a good or Scientific Research Design, Importance of Significance or Functions of Research Design	15	25%
4	Sampling Meaning of Sample / Meaning of Sampling, The Purposes of Sampling Design in Research, Distinction Between Population & Sample, Steps in Sampling design, Characteristics of good Sample Design, Importance or Advantages of Sampling, Limitation or Disadvantages of Sampling, Types of Sampling	15	25%



Continuous Assessment:

Sr. No	Active Learning Activities	Marks
1	Conceptual Framework Mapping: Students have to explain the outline and structure of a research paper and then upload this explanation to the GMIU web portal.	10
2	Identifying Types of Research: Students will need to find 2-3 short articles (such as news reports, blog posts, or simple research summaries) and upload them to the GMIU web portal in the form of presentations, identifying the type of research conducted in each (e.g., descriptive, exploratory, explanatory) and research hypotheses.	10
3	Developing a Research Poster: Students have to create a research poster summarizing a hypothetical research project, highlighting the methodology used, and upload it on GMIU web portal.	10
4	Assignment: Students have to critically evaluate a research article, noting its strengths and weaknesses. Reflect on what you learned from it and upload your analysis to the GMIU web portal.	10
5	Survey Findings: Students have to conduct a survey on a psychological problem and upload the findings on the GMIU web portal.	10
6	Future Research Directions: Students have to collect information about which fields in psychology need research and upload the information to the GMIU web portal.	10
7	Attendance	10
Total		70

Suggested Specification table with Marks (Theory):

Distribution of Theory Marks (Revised Bloom's Taxonomy)						
Level	Remembrance (R)	Understanding (U)	Application (A)	Analyze (N)	Evaluate (E)	Create (C)
Weightage	35%	35 %	15%	10%	5%	-

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.



Course Outcome:

After learning the course the students should be able to:	
CO1	Gain a clear understanding of what research is and its role in various fields.
CO2	Differentiate between various types of hypotheses. .
CO3	Articulate the main objectives of research design,
CO4	Identify the Steps in Sampling Design.

Instructional Method:

The course delivery method will depend upon the requirement of content and need of students. The teacher in addition to conventional teaching method by black board, may also use any of tools such as demonstration, role play, Quiz, brainstorming, MOOCs etc.

From the content 10% topics are suggested for flipped mode instruction.

Students will use supplementary resources such as online videos, NPTEL/SWAYAM videos, e-courses, Virtual Laboratory

The internal evaluation will be done on the basis of Active Learning Assignment

Practical/Viva examination will be conducted at the end of semester for evaluation of performance of students in laboratory.

Reference Books:

- [1] Myers, D. G., & DeWall, C. N. (2021). Psychology (13th ed.). Worth Publishers.
- [2] Morling, B. (2021). Research methods in psychology: Evaluating a world of information (4th ed.). W. W. Norton & Company.
- [3] Gravetter, F. J., & Forzano, L.-A. B. (2018). Research methods for the behavioral sciences (6th ed.). Cengage Learning.
- [4] ડૉ. બી. ડી. ઢીલા., દ્વિતિય આવૃત્તિ ૨૦૨૨-૨૩ “સંશોધન પદ્ધતિ” (વાર્તાનિક વિજ્ઞાનોમાં), અક્ષર પ્રકાશન

