



Course Syllabus
Gyanmanjari Institute of Arts
Semester-I(M.A)

Subject: Research Methods & Measurement in Psychology- I MATPY11505

Type of course: Major

Prerequisite:

Among then of great importance are first, the actuality of the theme of the research; second- the choice of adequate research instruments and taxonomy to the chosen object field, and third, availability of a research capacity of the author.

Rationale:

The rationale for your research is the reason why you decided to conduct the study in the first place. The motivation for asking the question. The knowledge gap. This is often the most significant part of your publication. It justifies the study's purpose, novelty, and significance for science or society..

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks					Total Marks
CI	T	P		C	Theory Marks		Practical Marks		
			ESE		MSE	V	P	ALA	
4	0	0	4	60	30	10	00	50	150

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.

Continuous Assessment:

(For each activity maximum-minimum range is 5 to 10 marks)



Sr. No	Active Learning Activities	Marks
1	Assignment (Note 5 points like writing assignment according to unit and uploading it on the model from which marks will also be calculated. writing skill, Originality, Subjectivity, Presentation, Reference This consists of 5 points.)	10
2	In-Class Presentation and Discussion (Present the Topic in class which is given by subject teacher and upload in moodle.)	10
3	Chart making (Students should submit research stages defined by charts and upload them on Moodle)	10
4	Data analysis (Present the Topic in class which is given by subject teacher and upload in moodle or hard copy)	10
5	Project work (Form a Group and organize Mental health awareness program and other group is participate to manage the program) (upload module)	10
Total		50

Course Content:

Sr. No	Course content	Hrs	% Weightage
1	Introduction <ul style="list-style-type: none"> • Meaning of Research • Characteristic of Research • Types of research • Major Steps for the research process 	15	25
2	Research problems and Hypothesis A Research problems <ul style="list-style-type: none"> • Definition research problems • Characteristics of research problems • Sources of research problem B Research Hypothesis <ul style="list-style-type: none"> • Meaning of hypothesis • Source of hypothesis 	15	25



	<ul style="list-style-type: none"> Varieties of research hypothesis 		
3	Sample & Sampling <ul style="list-style-type: none"> Meaning of sample Meaning of sampling Steps in sampling Design Characteristics of good sample Design Probability and Non probability sampling methods 	15	25
4	Data Collection Methods <ul style="list-style-type: none"> Definitions of observation. Types of Observation. Merits and demerits of observation. Questionnaire and its types. Merits and demerits of Questionnaire 	15	25

Suggested Specification table with Marks (Theory):60

Distribution of Theory Marks (Revised Bloom's Taxonomy)						
Level	Remembrance (R)	Understanding (U)	Application (A)	Analyze (N)	Evaluate (E)	Create (C)
Weightage	20	40	40			

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	Differentiate characteristics of quantitative and qualitative research.
CO2	Formulate a research study.
CO3	Formulate independent, dependent, and mediating variables.
CO4	Use mixed methods research



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:

- Aron , Authur, Aron, E.N. and Cups, E.J. (2007) statistic for Psychology, New Delhi : Person Education.
- Best , J.W. and Kahn, J.V. (2006) Research Foundation New Delhi Prentice Hall of India Pvt. Ltd.
- • Kerlinger , F.N. and Lee H.B. (2000) Foundation of Behavioral Research 4th Edi. New York : Harcourt Collage Publications .
- Mangal S.K. (2008) statistic in Psychology and Education New Delhi :Vistaar Publication
- Arvindrai N. Desai: 'Samajik sanshodhan paddhatio' University Granth Nirman Board-Gujarat Rajay Ahmedabad. 1983.
- M. A. Hakim and Bipin Asthana: 'manovigyan shodh vidhiya' Vinod pustak mandir Agra. 1977.
- L.R. Yagnik, B.D. Dhila and K. B. Chothani: 'Sanshodhan Pddhatio' (vartanik vignanoma) Ashar Publication Ahmedabad. 2004.
- Arvind Shah: 'mnovigyanni sanshodhan paddhatio' Divine Publication Ahmedabad. 2006.
- D. A. Uchatt: Shikshan ane samajik vigyanoma samshodhannu padhatishashtr ,Paras Pakashan Rajkot. 2012.

