



Anekant Education Society's
Tuljaram Chaturchand College, Baramati

(Autonomous)

Two Year Degree Program in Psychology
(Faculty of Humanities)

CBCS Syllabus

M. A. (Psychology) Part-I Semester -I

For Department of Psychology
Tuljaram Chaturchand College, Baramati

Choice Based Credit System Syllabus (2023 Pattern)

(As Per NEP 2020)

To be implemented from Academic Year 2023-2024

Title of the Programme: M.A. (Psychology)**Preamble**

Master's Degree in psychology has been of great demand in the recent years. The need for psychological assistance and guidance has been recognized by all the sections of the society and there is a need of professionals in the field. Application of psychological principles to solve human problems has acquired new dimension with the changing nature of the challenges that the world faces today. Keeping this in mind the present curricula has been framed to provide theoretical as well as practical training in a wide range of specializations that would help the post graduate to be eligible to be employed in the various fields. The course has been redesigned with emphasis not only on the syllabi but also on co-curricular activities such as book reviews/seminars/ presentations/assignments that would be out of the syllabi and constitute a part of the internal assessment.

This course provides broad training to the student toward marketing psychology knowledge and become professional psychologist or trainer. It would facilitate acquiring specialized knowledge, inculcating relevant attitude, values and a sense of empowerment. It recognizes multiplicity in ways and means of knowledge-creation and applications. The course will enable the learners to assume the role of the psychologists for the better development of individuals and society with a positive attitude.

Programme Specific Outcomes (PSOs)

- PSO1.** Students will develop strong observational skills and the ability to identify psycho-social problems in society.
- PSO2.** Equipping students with understanding of application of Psychological principles to solve human problems.
- PSO3.** Create a strong research oriented theoretical foundation in consonance with recent advances in the discipline of psychology.
- PSO4.** Enable students to take a creative, empirical and ethical approach to the program that combines conceptual repertoire and research practices in both quantitative and qualitative traditions.
- PSO5.** Provide an opportunity to extend the knowledge base to the world of practice with a view to promote healthy interface between academia and society.
- PSO6.** Students would develop in assessment and intervention in neurodevelopmental disorders.
- PSO7.** To provide the student an introduction to the processes involved in clinical work and psychodynamic psychotherapy.
- PSO8.** The student will be acquainted with the challenges likely to be encountered while working with difficult patient groups as well as traumatized individuals and communities. In effect the programme will initiate the participants into their future professional life.
- PSO9.** Preparing the clinical psychologists of the future, equipping them with skills and adequate knowledge-bases.
- PSO10.** Students will learn advanced theoretical, empirical and applied knowledge of basic mental processes from cognitive perspective.
- PSO11.** Develop an in-depth understanding of multivariate methods and computer applications to statistics.

Anekant Education Society's
Tuljaram Chaturchand College, Baramati
(Autonomous)

Board of Studies (BOS) in Psychology

From 2022-23 to 2024-25

Sr. No.	Name	Designation
1.	Dr. Shinde V.B.	Chairman
2.	Dr. Dhame G.M.	Member
3.	Dr. Jagtap R.D.	Member
4.	Mr. Awate J.N.	Member
5.	Mr. Londhe D.V.	Member
6.	Dr. Waman R.R.	Vice-Chancellor Nominee
7.	Dr. Shitole S. K.	Expert from other University
8.	Dr. Singh Bhupender	Expert from other University
9.	Mr. Shinde Sandip	Industry Expert
10.	Mrs. Shah Smita	Meritorious Alumni
11.	Ms. Londhe Priti	Student Representative
12.	Ms. Divekar Shirley	Student Representative
13.	Ms. Vaidya Jui	Student Representative
14.	Mr. Hivarkar Premraj	Student Representative

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)

Course Structure for (M. A. Psychology) Part-I (2023 Pattern)

Sem.	Course Type	Course Code	Course Title	Theory/ Practical	No. of Credits
I	Major (Mandatory)	PSY-501-MJM	Cognitive Psychology	Theory	04
	Major (Mandatory)	PSY -502-MJM	Psychometrics	Theory	04
	Major (Mandatory)	PSY -503-MJM	Statistical Methods	Theory	04
	Major (Mandatory)	PSY -504-MJM	Psychology Practical: Tests	Practical	02
	Major (Elective)	PSY -511-MJE	Psychology of Adjustment	Theory	04
	Research Methodology (RM)	PSY -521-RM	Research Methodology in Psychology	Theory	04
Total Credits Semester I					22
II	Major (Mandatory)	PSY -551-MJM	Learning and Memory	Theory	04
	Major (Mandatory)	PSY -552-MJM	Psychological Testing: Applications	Theory	04
	Major (Mandatory)	PSY -553-MJM	Research Methodology	Theory	04
	Major (Mandatory)	PSY -554-MJM	Psychology Practical :Experiments	Practical	02
	Major (Elective)	PSY -561-MJE	Mental Health	Theory	04
	On Job Training (OJT)/Field Project (FP)	PSY -581-OJT/FP	Field Project	Training/ Project	04
Total Credits Semester II					22
Cumulative Credits of Semester I and II					44

SYLLABUS (CBCS as per NEP 2020) FOR M.A. I**(w. e. from June, 2023)**

Name of the Programme	: M.A.
Program Code	: PPSY
Class	: M. A. I
Semester	: I
Course Type	: MAJOR MANDATORY THEORY
Course Name	: COGNITIVE PSYCHOLOGY
Course Code	: PSY-501-MJM
No. of Lectures	: 60
No. of Credits	: 04

A) Course Objectives

1. To makes the students familiar with the field of cognition in general.
2. To acquaints the students with the processes of sensation and Perception.
3. To develop insights into one's own and others behavior and mental processes.
4. To enrich students understanding of major concepts, theoretical perspectives and empirical findings of cognitive Psychology.
5. To make the student understand the process of reasoning and decision making
6. To make the students understand the process of attention.
7. To develop insights into one's own and others cognitive developments.

B) Course Outcomes

- CO1. Students will trace the history of cognitive psychology and its influence on other fields of psychology.
- CO2. Advanced theoretical, empirical and applied knowledge of basic mental processes from cognitive perspective.
- CO3. Knowledge of quantitative research methods used in cognitive psychology.
- CO4. Developing positive attitude about day-to-day problems and its solutions.
- CO5. Examine the theories and physiological processes of perception.
- CO6. Student would understand the process of reasoning and decision making.
- CO7. Describe the neural bases of mental processes, and the brain research methods utilized in cognitive psychology.

Topics and Learning Points**UNIT-I INTRODUCTION TO COGNITIVE PSYCHOLOGY (15 LECTURES)**

- 1.1 Nature, Definition and Domains of Cognitive Psychology
- 1.2 History and methods of Cognitive Psychology
- 1.3 Theories of Cognitive Development: Piaget, Vygotsky
- 1.4 Theories of Cognitive Processes
- 1.5 Application: Recent Trends in Artificial Intelligence (Merits & Demerits)

UNIT -II SENSATION, ATTENTION, PERCEPTION (15 LECTURES)

- 2.1 Sensation - Introduction to psychophysics: Basic concepts and methods.
- 2.2 Attention: (a) Functions of attention: Divided attention, selective attention (b) Theories of attention process (c) Signal Detection Theory and vigilance.
- 2.3 Pattern recognition: Template matching theory, prototype models and Distinctive-Features models
- 2.4 Perception-approaches: Gestalt, Bottom-Up Top-Down and Computational theories
- 2.5. Application: meta-cognition

UNIT-III LANGUAGE AND RELATED COGNITIVE PHENOMENA (15LECTURES)

- 3.1 Understanding Languages
- 3.2 Reading: theories of word recognition, reading & Comprehension
- 3.3 Speaking: selecting speech in content, Speech errors, social context of speech
- 3.4 Writing: Comparing speaking & writing
- 3.5 Multilingualism and Neuropsychological basis of Language

UNIT-IV PROBLEM SOLVING, CREATIVITY AND DECISION MAKING (15 LECTURES)

- 4.1 Problem solving: Definition, types, cycle, obstacles and aid
- 4.2 Approaches to problem solving
- 4.3 Meaning, process and theories of Creativity
- 4.4 Decision making and reasoning, Emotion& thinking
- 4.5 Application: How to Enhancing Creativity

Reference Books

1. Matlin, M. (2012). *Cognition*. (8th ed). John Wiley.
2. Galloti, K. M. (2004). *Cognitive psychology in and out of the laboratory*. USA: Thomson Wadsworth.
3. Sternberg, R.J. (2007). *Cognitive Psychology*. Australia: Thomson Wadsworth.
4. Kellogg, R.T.(2007). *Fundamentals of Cognitive Psychology*. N.D. Sage Publications.
5. Solso, R. L. (2004). *Cognitive Psychology (6th ed)*. Delhi: Pearson Education.
6. Wade, C. and Tavris, C. (2007). *Psychology*. ND: Pearson Education.
7. Gavin, H. (1998). *The essence of cognitive psychology*. London: Prentice-Hall.
8. Corens, S., Ward, L.M., & Enns, J. (1994). *Sensation and perception*. NY: Harcourt Brace & Co.
9. Messer, D. & Miller, S. (1999). *Exploring developmental psychology*. London:Arnold.
10. Flavell, J.H. (1985). *Cognitive development (2nd ed)* NJ: Prentice Hall.
11. Reed, S.K. (1988). *Cognition: Theory and applications (3rd ed)*. California: Brooks/Cole Pub.Co.
12. Best, J. B. (1999). *Cognitive Psychology*. USA: Wadsworth Publishing Co.
13. Reed S. K. (2004). *Cognition: Theory and application (3rd ed)*. California: Brooks/Cole Pub. Company
14. Desai, B. and Abhyankar, S. C. (2007). *Prayogik Manasashastra ani Sanshodhan Paddhati*. Pune: Narendra Prakashan.
15. Borude, R.R. (2005). *Bodhanik manasashastra*. Chhaya Prakashan.
16. Groome, D., Eysenck, M.W., Baker, K., et al., (2016). *An introduction to applied Cognitive Psychology*,(2nd ed.). New York: Routledge.

SYLLABUS (CBCS as per NEP 2020) FOR M.A. I**(w. e. from June, 2023)**

Name of the Programme	: M.A.
Program Code	: PPSY
Class	: M.A. I
Semester	: I
Course Type	: MAJOR MANDATORY THEORY
Course Name	: PSYCHOMETRICS
Course Code	: PSY-502-MJM
No. of Lectures	: 60
No. of Credits	: 04

A) Course Objectives

1. To introduce students to psychological assessment methods and techniques.
2. To make a distinction between the fundamental concepts of psychological assessment and testing.
3. To understand ethical and social issues in the field.
4. To learn various aspects of test construction.
5. To explore the measurement of intelligence and the issues in psychological testing.
6. To learn the tools used in personality assessment and the measurement of interests, attitudes and values.
7. To make a distinction between aptitude and achievement tests and the types of aptitude and achievement tests are discussed.

B) Course Outcomes

- CO1. Students will be making a distinction between the concepts of psychological assessment and testing.
- CO2. Students will understand the ethical and social issues in the field.
- CO3. Students will understand the basics of test construction.
- CO4. Students will be explaining the origins and types of intelligence testing.
- CO5. Students will describe the tools used for personality assessment.
- CO6. Students will be certain measures used in the measurement of interests, values and attitudes.
- CO7. Students will distinguish between aptitude and achievement tests.

Topics and Learning Points

UNIT-I NATURE AND SCOPE OF PSYCHOLOGICAL TESTING (15 LECTURES)

- 1.1 Definition, Nature and characteristics of Psychological tests
- 1.2 Classification, Uses and types of Psychological tests
- 1.3 Item Analysis
- 1.4 General steps in test construction
- 1.5 Ethical issues in Psychological testing

UNIT-II NORMS AND THE MEANING OF TESTS SCORE (15 LECTURES)

- 1.1 Basis statistical concepts in Psychological testing
- 1.2 Definition, Nature of Norms
- 1.3 Steps in Developing Norms
- 1.4 Types of Norms
- 1.5 Administration and Interpretation of Computerized test

UNIT-III RELIABILITY (15 LECTURES)

- 3.1 Definition and meaning of Reliability
- 3.2 The correlation coefficient
- 3.3 Types of Reliability
- 3.4 Reliability of Speed Tests
- 3.5 Factors Influencing Reliability

UNIT-IV VALIDITY (15 LECTURES)

- 4.1 Meaning and Aspects of Validity
- 4.2 Content-description validation procedures
- 4.3 Criterion-prediction procedures
- 4.4 Construct-Identification Procedures
- 4.5 Factors Influencing Validity

References:

1. Anastasi, A. & Urbina, S. (1997). *Psychological testing*. N.D.: Pearson Education.
2. Kaplan, R.M. & Saccuzzo, D.P. (2007). *Psychological Testing: Principles, Applications, and Issues*. Australia: Thomson Wadsworth.
3. Gregory, R.J. (2005). *Psychological testing: History, principles and applications*. New Delhi: Pearson Education.
4. Singh, A.K. (2006). *Tests, Measurements and Research Methods in Behavioral Sciences*. Patna: Bharati Bhavan.
5. Anastasi, A. (1988). *Psychological testing*. NY: Macmillan.
6. Nunnally, J.C. (1981). *Psychometric theory*. NY: Tata McGraw-Hill
7. Freeman, F.S. 3rd ed. (1965). *Psychological testing*. New Delhi: Oxford & IBH Publishing
8. Co. Pvt. Ltd.
9. Cronbach, L. J. 5th ed. (1990). *Essentials of psychological testing*. New York: Harper Collins Publishers:
10. Anastasi A. (1988). *Psychological Testing*. New York: McMillan
11. Chadha, N. K. (1996). *Theory and practice of psychometry*. N. D.: New Age International
12. Miller, L., Lovler, R & McIntire, S. (2013). *Psychological Testing: A Practical Approach*. Sage Publication.

SYLLABUS (CBCS as per NEP 2020) FOR M.A. I**(w. e. from June, 2023)**

Name of the Programme	: M.A.
Program Code	: PPSY
Class	: M.A. I
Semester	: I
Course Type	: MAJOR MANDATORY THEORY
Course Name	: STATISTICAL METHODS
Course Code	: PSY-503-MJM
No. of Lectures	: 60
No. of Credits	: 04

A) Course Objectives

1. To inculcate in students the need and importance of statistics in Psychology.
2. To develop computational skills in students.
3. To introduce fundamental concepts about statistics.
4. To get them equipped with different statistical presentation of data.
5. To prepare students to understand and use software's for different statistical operations.
6. To make them learn the statistical techniques in designing research and processing data.
7. To introduce multivariate methods and computer applications to statistics.

A) Course Outcomes

After completion of this course the students will be able:

- CO1. Understand the need and importance of statistics in Psychology.
- CO2. Understand applications of statistics and learn numerical methods associated with them.
- CO3. Understand and apply various statistical methods.
- CO4. Equipped with different statistical presentation of data.
- CO5. Understand and apply computerized software's for different statistical operations.
- CO6. Learn about use of statistical techniques in designing research and processing data.
- CO7. Develop an in-depth understanding of multivariate methods and computer applications to statistics.

Topics and Learning Points

UNIT-I BASICS STATISTICS AND PROBABILITY (15 LECTURES)

- 1.1 Aims and Applications of Statistics in Social Sciences.
- 1.2 Overview of measures of Central tendency, variability, curves and graphs.
- 1.3 Percentiles, percentile ranks and standard scores.
- 1.4 Probability: Concept, definition, and approaches.
- 1.5 Characteristics and Applications of normal distribution curve.

UNIT-II CORRELATION AND REGRESSION (15 LECTURES)

- 2.1 Meaning and Types of correlation
- 2.2 Pearson's Product-Moment Correlation
- 2.3 Other Types of Correlation (Point Bi-serial Correlation and Phi-coefficient, Bi-serial and Tetra choric correlation, Partial and Multiple Correlations)
- 2.4 Regression and Prediction
- 2.5 Multiple Regressions

UNIT-III INFERENTIAL STATISTICS (15 LECTURES)

- 3.1 Inferences: Standard error of mean and other statistics
- 3.2 Significance of difference for means variances and correlation coefficients.
- 3.3 Assumptions of Analysis of Variance, and One-way ANOVA-Independent, concept of repeated measures
- 3.4 Two-way ANOVA-Independent, concept of repeated measures
- 3.5 Analysis of Covariance: Concept.

UNIT-IV NON- PARAMETRIC STATISTICS AND STATISTICAL SOFTWARES (15 LECTURES)

- 4.1 Difference between Parametric and Non-parametric statistics
- 4.2 Chi Square tests
- 4.3 Non-parametric tests for correlated and uncorrelated data
- 4.4 Statistical software's: An introduction
- 4.5 Applications of Statistical Software's –Analysis and Interpretation of data.

Reference Books

- 1) Minium E.W., King B. M., Bear G. (1995). *Statistical Reasoning in Psychology and Education*
- 2) Guilford J. P. and Fruchter B. (1985). *Fundamental Statistics in Psychology and Education* (6th ed) McGraw - Hill
- 3) Howell D.C. (1997). *Statistical Methods for Psychology* (4th Ed)
- 4) Sarma K.V.S. (2001) *Statistic Made Simple : Do it Yourself on PC*
- 5) Welkowitz, J., Emen, R. B. and Cohen, J. (1982). *Introductory statistics for the behavioural sciences (3rd ed.)*. N.Y.: Academic Press.
- 6) Fergusson, G. A. (1976). *Statistical analysis in psychology and education*. McGraw-Hill.
- 7) Glass, G. V. & Stanley, J. C. (1970). *Statistical methods in education and psychology*. Prentice- Hall.
- 8) Kurtz, A.K. & Mayo, S.T. (1979). *Statistical methods in education and psychology*. Narosa.
- 9) Lomax, R. G. (1998). *Statistical concepts: A second course for education and behavioural sciences*. N.J.: Lawrence Erlbaum Asso. Inc.
- 10) Mangal, S. K. (2006). *Statistics in psychology and education*. N.D.: Prentice-Hall
- 11) Levin, J. & Fox, J. A. (2006). *Elementary statistics in social research*. Delhi: Pearson Education.
- 12) Black, T.R. (1999). *Doing quantitative research in the social sciences: An integrated approach to research design, measurement and statistics*. London: Sage Pub.
- 13) Foster, J.J. (2001). *Data analysis: Using SPSS for windows*. London: Sage Publication.

SYLLABUS (CBCS as per NEP 2020) FOR M.A. I**(w. e. from June, 2023)**

Name of the Programme	: M.A.
Program Code	: PPSY
Class	: M.A. I
Semester	: I
Course Type	: MAJOR MANDATORY PRACTICAL
Course Name	: PSYCHOLOGY PRACTICAL: TESTS
Course Code	: PSY-504-MJM
No. of Lectures	: 30
No. of Credits	: 02

A) Course Objectives

1. To enable students to understand the basic psychological testing processes and their applications in everyday life
2. To acquaint the students with different tests used for psychological assessment
3. The administration of psychological tests, interpretation of scores and report writing.
4. The evaluation procedures and evaluation of psychological tests.
5. To employ procedure of test development.
6. The different areas of experimentation and test administration in psychology.
7. To understand the procedure of intelligence testing.

B) Course Outcomes

- CO1. The importance outcome of the course students developed certain skills of psychological counseling on the basis of psychological test results.
- CO2. State the different types of tests, its psychometric properties and uses
- CO3. Interpret test score and able to write.
- CO4. Construct new psychological test following test development procedures.
- CO5. Students would know the importance of procedure of test development.
- CO6. Various skills of conducting test administrations and writing its reports.
- CO7. Employ tests to measure intelligence, personality, adjustment, attitudes and values.

Topics and Learning Points

UNIT-I GENERAL ABILITY TESTS (any Two): (10 LECTURES)

1. Intelligence tests: Verbal Test
2. Intelligence tests: Performance Test
3. Judgment and Reasoning
4. Thinking

UNIT -II SPECIAL ABILITY TESTS (any Two): (10 LECTURES)

1. Multiple Aptitude Test (any one)
2. Special Aptitude Test (any one)

UNIT -III PERSONALITY AND CLINICAL ASSESSMENT TESTS (any Four) (10 LECTURES)

1. Self-report inventory
2. Projective test: Pictorial
3. Interest inventory
4. Attitude / Values
5. Stress / Frustration
6. Anxiety/ Depression
7. Autism/ ADHD
8. Neuropsychological Assessment

Reference Books

1. Anastasi, A. & Urbina, S. (1997). *Psychological testing*. N.D.: Pearson Education.
2. Kaplan, R.M. & Saccuzzo, D.P. (2007). *Psychological Testing: Principles, Applications, and Issues*. Australia: Thomson Wadsworth.
3. Gregory, R.J. (2005). *Psychological testing: History, principles and applications*. New Delhi: Pearson Education.
4. Singh, A.K. (2006). *Tests, Measurements and Research Methods in Behavioural Sciences*. Patna: Bharati Bhavan.
5. Freeman, F.S. 3rd ed. (2002). *Psychological testing*. New Delhi: Oxford & IBH Publishing Co. Pvt. Ltd.
6. Cronbach L. J. (1984). *Essentials of Psychological Testing* (4th Ed)
7. Anastasi A. (1988). *Psychological Testing*. New York: McMillan
8. Murphy, K. R., Davidshofer, R. K. (1988): *Psychological testing: Principles and applications*. New Jersey: Prentice Hall Inc.

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9. Nunnally, J.C. and Bernstein, I.H. (1994). *Psychometric theory (3rd ed)*. NY: McGraw-Hill.
10. Aiken L.R. (1996) *Rating Scales and Checklists: Evaluating Behavior, Personality and Attitudes*.
13. Chadha, N. K. (1996). *Theory and practice of psychometry*. N. D.: New Age International Ltd.
14. Test manuals of respective tests.

SYLLABUS (CBCS as per NEP 2020) FOR M.A. I**(w. e. from June, 2023)**

Name of the Programme	: M.A.
Program Code	: PPSY
Class	: M.A. I
Semester	: I
Course Type	: ELECTIVES
Course Name	: PSYCHOLOGY OF ADJUSTMENT
Course Code	: PSY-511-MJE
No. of Lectures	: 60
No. of Credits	: 04

A) Course Objectives

1. To acquaint the student with various areas of adjustment.
2. To familiarize the students with Maladjustment perspectives of adjustment.
3. To familiarize the students with modern ways of effective adjustment.
4. To inculcate sense of Scientific Aptitude, Approach & Social Awareness in students
5. To develop self-understanding and insight.
6. To equip students with basic self-help skills (psychological and social)
7. To understand the stress coping strategies.

B) Course Outcomes

- CO1. Students will explain factors that are related to and challenges in adjustment.
- CO2. Describe several effective strategies for improving academic performance.
- CO3. Students will understand the empirical approach in adjustment psychology.
- CO4. Explain the nature and consequences of stress (positive and negative) factors that increase stress tolerance.
- CO5. Discuss coping strategies that people employ: defensive and constructive.
- CO6. Understand the nature of careers and work along with challenges involved.
- CO7. Students will understand the problem focused and emotion focused coping.

Topics and Learning Points

UNIT-1 ADJUSTMENT TO MODERN LIFE

(15 LECTURES)

- 1.1 Adjustment: Meaning, Process and Nature
- 1.2 Maladjustment: meaning and types
- 1.3 Roots of Happiness
- 1.4 Being a well-adjusted student

UNIT-2 STRESS AND ITS EFFECTS

(15LECTURES)

- 2.1 Stress: Definition, Nature and Types
- 2.2 Types of and Responses to stress
- 2.3 Potential Effects of Stress
- 2.4 Factors influencing stress tolerance

UNIT-3 COPING PROCESSES

(15LECTURES)

- 3.1 Coping: Definition, features involved
- 3.2 Constructive Coping: Appraisal-Focused Coping
- 3.3 Constructive Coping: Problem focused and Emotion Focused Coping
- 3.4 Factors influencing stress tolerance

UNIT-4 CAREER AND WORK

(15LECTURES)

- 4.1 Choosing a career
- 4.2 Models of Career Choice: Holland and Super
- 4.3 The Changing World of Work
- 4.4 Occupational Hazards and Balancing Work

Reference Books

1. Brannon, L. and Feist, J. (2007). Introduction to health psychology. India ed. N.D.:Thomson.
2. Kumar, V. B. (2005). Psychology of Adjustment. Mumbai: Himalaya Publishing
3. Taylor, S.E. (1999). Health Psychology. 4th ed. Singapore: McGraw-Hill Book Co.
4. Weiten, W. and Lloyd, M. A. (2015). Psychology Applied to Modern Life: Adjustment in the 21st Century (Ed. 8th). Bengaluru: Thomson and Wadsworth.
5. Palsane, M., N. and Navre, S. (2010). Upyojit Manasshastra. Continental Publisher Vijayanagar, Pune 30.

SYLLABUS (CBCS as per NEP 2020) FOR M.A. I

(w. e. from June, 2023)

Name of the Programme	: M.A.
Program Code	: PAPS
Class	: M.A. I
Semester	: I
Course Type	: RESEARCH METHODOLOGY
Course Name	: RESEARCH METHODOLOGY IN PSYCHOLOGY
Course Code	: PSY -521-RM
No. of Lectures	: 60
No. of Credits	: 04

A) Course Objectives

To acquaint the students with:

- 1) To apply the research fundamentals in psychology.
- 2) To understand the basic concepts in psychological research.
- 3) To know how to find published scientific articles on a topic in psychology.
- 4) To make decisions about the appropriate use of basic research techniques and research design.
- 5) To know how to design, conduct, & interpret psychological research.
- 6) To write up the methods of a research study and report the results of statistical analyses using APA style.
- 7) To introduce the various statistical techniques in designing research and processing data.

B) Course Outcomes

After completion of this course the students will be able to:

- CO1. Apply the research fundamentals in psychology.
- CO2. Understand the basic concepts in psychological research.
- CO3. Make decisions about the appropriate use of basic research techniques and research design.
- CO4. Know how to find published scientific articles.
- CO5. Effectively interpret and communicate research findings.
- CO6. Write up the methods of a research study and report the results of statistical analyses using APA style.
- CO7. Learn about use of statistical techniques in designing research and processing data.

Topics and Learning Points

UNIT- I RESEARCH: AN INTRODUCTION (15 LECTURES)

- 1.1 Developing Ideas for Research in Psychology
- 1.2 Types of research
- 1.3 The research process
- 1.4 Ethics in Psychological Research

UNIT-II FORMULATING A RESEARCH PROBLEM (15 LECTURES)

- 2.1 Reviewing the Literature
- 2.2 Variables & its types
- 2.3 Operational Definitions
- 2.4 Formation of Hypothesis

UNIT-III RESEARCH DESIGNS& DATA COLLECTION (15 LECTURES)

- 3.1 Types of research designs
- 3.2 Methods of data collection
- 3.3 Ethical issues in data collection
- 3.4 Sampling and its types

UNIT-IV STATISTICS & REPORT WRITING IN PSYCHOLOGY (15 LECTURES)

- 4.1 Importance of statistics in psychology
- 4.2 Processing data & displaying data
- 4.3 Writing a research proposal
- 4.4 Writing a research report and research paper

Reference Books

- 1) American Psychological Association. (2020). *Publication Manual of the American Psychological Association* (7thEdn.). APA.
- 2) Kerlinger, F. N. (2010). *Foundations of behavioral research* (12th Indian reprint). New Delhi: Surjeet Publications,.
- 3) Kothari, C. R., & Garg, G. (2014). *Research methodology: Methods and techniques* (4thed.). New Delhi: New Age International limited.
- 4) Kumar, R. (2014). *Research methodology: A step – by – step guide for beginners* (4th ed.). New Delhi: Sage Publications.
- 5) Shaugnessy, John; Zechmeister, Eugene B. Zechmeister, Jeanne S., (2010). *Research methods in psychology* (8th ed.). New York: The McGraw Hill Companies, Inc.
- 6) Singh A. K. (2006). *Tests, Measurement and Research Methods in Behavioural Sciences*. (5th ed.) Patna: Bharati Bhavan.
- 7) Mangal, S. K. (2006). *Statistics in Psychology and Education*. N. D.: Prentice-Hall.
- 8) Myers, J. (2008). *Methods in Psychological Research*. Sage Publications New Delhi.
- 9) Howell, D. C. (2002). *Statistical methods for psychology* (5th ed.). Duxbury, California: Thomson Learning.
- 10) McBurney, D. H. (2001). *How to Think Like a Psychologist: Critical Thinking in Psychology* (2nd Edition). Prentice Hall.
- 11) Robinson, P. W. (1976). *Fundamentals of experimental designs: A comparative approach*. Engelwood-Cliff: Prentice Hall.
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