

**DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,  
AURANGABAD.**



**Circular / Acad Sec./ HF/ Curriculum-12(7)/ NEP-PG/ 2023.**

It is hereby inform to all concerned that, on the recommendation of Dean, Faculty of Humanities; **the Hon'ble Vice-Chancellor has accepted the following subject Curriculum of National Education Policy-2020** under the faculty of Humanities in his emergency powers under Section 12 [7] of the Maharashtra Public University Act, 2016 on behalf of the Academic Council.

| Sr. No. | PG Subject wise Curriculum                                                                                   | Semesters                                  |
|---------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| 01.     | <b>M.A. First &amp; Second Year</b> Progressively <b>[Psychology]</b> for affiliated Colleges & Uni. Campus. | <b>Ist &amp; IInd and IIIrd &amp; IVth</b> |

**This is effective from the Academic Year 2023-24 and Onwards progressively as appended herewith.**

All concerned are requested to note the contents of this circular and bring notice to the students, teachers and staff for their information and necessary action.

University campus,  
Aurangabad-431 004.  
Ref. No. SU/Col. & UC/NEP-20/  
PG/ 2023/ 4154-64

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**Deputy Registrar,  
Academic.**

Date: 05.07.2023.

**Copy forwarded with compliments to:-**

- 1] **The Head, all concerned departments ,**  
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad and Sub-Center, Osmanabad.
- 2] **The Principal, all affiliated colleges,**  
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- 3] **The Director, University Network & Information Centre, UNIC,**  
with **a request to upload this Circular on University Website.**

**Copy to :-**

- 1] **The Director, Board of Examinations & Evaluation,**
- 2] **The Sec. Officer, [M.A. Unit] Exam. Branch,**
- 3] **The Section Officer, [Eligibility Unit],**
- 4] **The Programmer [Computer Unit-1] Examinations,**
- 5] **The Programmer [ Computer Unit-2] Examinations,**
- 6] **The In-charge, [E-Suvidha Kendra],**
- 7] **The Public Relation Officer,**
- 8] **The Record Keeper,**  
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

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**DR. BABASAHEB AMBEDKAR MARATHWADA  
UNIVERSITY**

**Aurangabad**

**Illustrative Credit Distribution Structure for Two Year  
M.A. PSYCHOLOGY**

**Course Structure**

**Subject: PSYCHOLOGY**

**(Effective from 2023-24)**

  
Dean  
Faculty of Humanities,  
Dr. Babasaheb Ambedkar Marathwada  
University, Aurangabad.

**AS PER NEP 2020**

Illustrative Credit Distribution Structure for Two Year /One Year  
M.A. PSYCHOLOGY

**Class: M. A. First Year**

**Semester: First Semester & Second Semester**

**Subject: PSYCHOLOGY**

| Sr. No            | Specification/<br>type of Papers  | First Semester                                                                          |         | Total Credits/<br>Semester | Second Semester                                                                                        |         | Total Credits /<br>Semester | Total Credits/<br>Year |
|-------------------|-----------------------------------|-----------------------------------------------------------------------------------------|---------|----------------------------|--------------------------------------------------------------------------------------------------------|---------|-----------------------------|------------------------|
|                   |                                   | Paper                                                                                   | Credits |                            | Paper                                                                                                  | Credits |                             |                        |
| 1                 | Major Mandatory                   | 1. Applied Cognitive Psychology                                                         | 4       | 12                         | 4. Neuro psychology                                                                                    | 4       | 12                          | 24                     |
|                   |                                   | 2. Personality Theories- I                                                              | 4       |                            | 5. Personality Theories-II                                                                             | 4       |                             |                        |
|                   |                                   | 3. Schools of Psychology                                                                | 4       |                            | 6. Statistics for Behavioural Science                                                                  | 4       |                             |                        |
| 2                 | Major Activity                    | 1. Practicums-Experiments                                                               | 2       | 2                          | 2. Practicum-Testing                                                                                   | 2       | 2                           | 4                      |
| 3                 | Major Elective                    | Elective -1<br>a. Indian Psychology<br>b. Environmental Psychology<br>Sports Psychology | 4       | 4                          | Elective-2<br>a. Behavioural Economics<br>b. Applied Media Psychology<br>c. Advanced Social Psychology | 4       | 4                           | 8                      |
| 4                 | Research Methodology              | Behavioural Research Methodology                                                        | 4       | 4                          | --                                                                                                     | --      | --                          | 4                      |
| 5                 | On Job Training/<br>Field Project | --                                                                                      | --      | --                         | Field Project                                                                                          | 4       | 4                           | 4                      |
| 6                 | Research Project                  | --                                                                                      | --      | --                         | --                                                                                                     | --      | --                          | --                     |
| Cum. Cr./Semester |                                   | --                                                                                      | 22      | 22                         | --                                                                                                     | 22      | 22                          | 44                     |
| Cum. Cr./Year     |                                   | --                                                                                      | --      | --                         | --                                                                                                     | --      | --                          | 44                     |

**Class: M.A Ilyr**

**Semester: Third Semester & Fourth Semester**

| Sr. No.            | Specific ation/ type of Papers | Third Semester                                                                              |         | Total Credits/ Semester | Fourth Semester                                                                                      |         | Total Credits / Semester | Total Credits / Year |
|--------------------|--------------------------------|---------------------------------------------------------------------------------------------|---------|-------------------------|------------------------------------------------------------------------------------------------------|---------|--------------------------|----------------------|
|                    |                                | Paper                                                                                       | Credits |                         | Paper                                                                                                | Credits |                          |                      |
| 1                  | Major Mandat ory               | 7. Psychopathology                                                                          | 4       | 12                      | 11. Counselling Skills                                                                               | 4       | 12                       | 24                   |
|                    |                                | 8. Abnormal psychology                                                                      | 4       |                         | 12. Psychotherapy                                                                                    | 4       |                          |                      |
|                    |                                | 10. Psycho Diagnostic                                                                       | 4       |                         | 13. Modern Psychotherapy                                                                             | 4       |                          |                      |
| 2                  | Major Activity                 | Practicum-Diagnostic Testing                                                                | 2       | 2                       |                                                                                                      |         |                          | 2                    |
| 3                  | Major Elective                 | Elective-3<br>a.Neuro Cognitive Disorder<br>b. Health Psychology<br>c.Clinical Intervention | 4       | 4                       | Elective -4<br>a. Data Science & Analytics<br>b. Rehabilitation Psychology<br>c. Psycho Pharmacology | 4       | 4                        | 8                    |
| 4                  | Research Methodology           |                                                                                             |         |                         |                                                                                                      |         |                          |                      |
| 5                  | On Job Training/ Field Project |                                                                                             |         |                         |                                                                                                      |         |                          |                      |
| 6                  | Research Project               | Research project                                                                            | 4       |                         | Research project                                                                                     | 6       | 10                       | 10                   |
| Cum. Cr./ Semester |                                |                                                                                             | 22      | 22                      |                                                                                                      | 22      | 22                       | 44                   |
| Cum. Cr./Year      |                                |                                                                                             |         |                         |                                                                                                      |         |                          | 44                   |

**Class: M. A. First Year**

**Semester: First Semester & Second Semester**

**Subject: PSYCHOLOGY**

**M.A. First Year: PSYCHOLOGY**

**First Semester:**

Major Mandatory-1: APPLIED COGNITIVE PSYCHOLOGY

Major Mandatory-2: THEORIES OF PERSONALITY -I

Major Mandatory-3: SCHOOLS OF PSYCHOLOGY

Major Activity-1: PRACTICUM- EXPERIMENTS

Major Elective-1 Select any one

a. INDIAN PSYCHOLOGY

b. ENVIRONMENTAL PSYCHOLOGY

c. SPORTS PSYCHOLOGY

Research Methodology: BEHAVIOURAL RESEARCH METHODOLOGY

## **Major Mandatory 1- APPLIED COGNITIVE PSYCHOLOGY**

**Course Outcome (CO):** After completion of the course students will be able to:

- 1: Describe major concepts in cognitive psychology
- 2: Analyze and critically evaluate theories and empirical studies in cognitive psychology
- 3: Understand the connection between basic and applied research in cognitive psychology

| UNITS | COURSE CONTENT                                                                                                                                                                                                                                        | PERIODS |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| I     | <b>Visual Perception</b><br>From Sensation to Representation: Some Basic Concepts of Perception<br>Approaches to Perception: Bottom-Up Theories, Top- Down Theories<br>Deficits in Perception: Agnosias and Ataxias,<br>Anomalies in Color Perception | 10      |
| II    | <b>Attention and Consciousness</b><br>The Nature of Attention and Consciousness<br>Attention: Selective Attention, Divided Attention<br>When Our Attention Fails Us.                                                                                  | 10      |
| III   | <b>Memory: Models and Research Methods</b><br>Tasks Used for Measuring Memory: Recall versus Recognition<br>Tasks, Implicit versus Explicit Memory Tasks. Models of Memory: The<br>Traditional Model of Memory, The Levels-of-Processing Model.       | 10      |
| IV    | <b>Memory Processes</b><br>Encoding and Transfer of Information, Retrieval:<br>Retrieval from Short-Term Memory,<br>Retrieval from Long-Term Memory, Intelligence and Retrieval<br>Processes of Forgetting and Memory Distortion                      | 10      |
| V     | <b>Language</b><br>Language Comprehension: Understanding Words,<br>Understanding Meaning: Semantics, Understanding<br>Sentences: Syntax<br>Reading<br>Understanding Conversations and Essays: Discourse                                               | 10      |
| VI    | <b>Language in Context</b><br>Language and Thought<br>Language in a Social Context                                                                                                                                                                    | 10      |

### ***Reference Books:-***

1. **Sternberg, R. J. (1996). Cognitive psychology. Harcourt Brace College Publishers.**
2. Solso R.L.(2004) .Cognitive psychology(6<sup>th</sup> ed)Delhi :Pearson Education
3. Matlin,M.(1994).Cognition,Pris india book.
4. Golloti,K.M.(2004).cogniti psychology in and out of loboratory,USA:thomson wadesworth.
5. Best,J.B.(1999).cognitive psychology USA: wadesworth publication co.
6. Gunther R.K.(1998).Human cognition.New jersey:prentice-Hall.
7. Reed S.K.(1998).cognition theory and application (3<sup>rd</sup> ed ).california book/cole pub.co.

## **Major Mandatory 2- THEORIES OF PERSONALITY- I**

**Course Outcome (CO):** After completion of the course students will be able to:

- 1: Acquire knowledge of personality theories
- 2: Understanding different perspective and assessment
- 3: Learned strategies of personality

| UNITS | COURSE CONTENT                                                                                                                                           | PERIODS |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| I     | <b>Freud's psychoanalytic theory</b><br>Biographical sketch, Concepts and principles, Personality development<br>Assessment techniques                   | 12      |
| II    | <b>Adler's individual psychology</b><br>Biographical sketch<br>Concept and principle<br>Personality development<br>Assessment techniques                 | 12      |
| III   | <b>Jung's analytical psychology</b><br>Biographical sketch<br>Concept and principle<br>Personality development<br>Assessment techniques                  | 12      |
| IV    | <b>Horney's social and cultural psychoanalysis</b><br>Biographical sketch<br>Concepts and principles<br>Personality development<br>Assessment techniques | 12      |
| V     | <b>Erikson's psychoanalytic Ego psychology</b><br>Biographical sketch<br>Concepts and principles<br>Personality development<br>Assessment techniques     | 12      |

### **Reference Books:**

1. Richard M. Ryckman (2014) theories of Personality. 10<sup>th</sup> edition Cengageindia publication
2. Hall, C.S., Lindzey, G. & Campbell, J.B. (2004) Theories of personality (4<sup>th</sup> ed) New York. John Wiley & Son's, Inc.
3. Barabara, E. (2006). Personality Theories (7<sup>th</sup> ed). New York: Houghton Mifflin Company
4. Barger, J.M. (2004). Personality (6<sup>th</sup> ed). USA: Wadsworth/Thompson Learning
5. Hjelle, L. A. & Ziggler, D. J. (1992). Personality Theories (3<sup>rd</sup>) New York: McGraw-Hill, Inc.
6. Mischel, W. (1976). Introduction To Personality. USA: Holt, Rinehart & Wiston.

### **Major Mandatory 3- SCHOOLS OF PSYCHOLOGY**

**Course Outcome (CO):** After completion of the course students will be able to:

1. Understanding and application of psychological principles and theories
2. Know methods of different psychological areas (like learning, memory, etc.)
3. To understand the complexity of human behaviour.

| UNITS | COURSE CONTENT                                                                                                                                                                                                                                                                                                                                                                                                                                       | PERIODS |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| I     | <b><u>The psychodynamic approach</u></b><br>Freud and Psychoanalysis, Freud's Assumptions about Behaviour<br>Freud's Theory of Consciousness Psychosexual Stages of<br>Development Anxiety and Defense Mechanisms Dreams, Carl Jung<br>and the Collective Unconscious, Alfred Adler and Individual<br>Psychology                                                                                                                                     | 15      |
| II    | <b>THE BEHAVIORAL APPROACH</b><br>Basic Assumptions of Behaviorism,<br>Classical Conditioning,<br>Applications of Classical<br>Conditioning Operant Conditioning<br>Schedules of Reinforcement<br>Applications and Implications of Conditioning                                                                                                                                                                                                      | 15      |
| III   | <b>The Humanistic Approach</b><br>Personality and the Self<br>The phenomenal field and the self<br>Personality development and condition for growth Extending the<br>humanistic approach                                                                                                                                                                                                                                                             | 15      |
| IV    | <b>THE COGNITIVE APPROACH</b><br>Thought and Action, Perception and Cognition<br>Learning and Memory, Learning as Information Gathering<br>Memory as the Retention of Learning<br>A Basic Model of Memory, Encoding and Storage in Memory<br>Forgetting, Memory as Reconstruction<br>Problem Solving, Models of Problem Solving<br>Creativity in Problem Solving, Language, Language Learning,<br><i>Of Apes and Language, Language and Thinking</i> | 15      |

#### ***Reference Books:-***

1. Glassman, W., & Hadad, M. (2013). *EBOOK: Approaches to Psychology*. McGraw Hill.
2. Jensen, L. A. (Ed.). (2011). *Bridging cultural and developmental approaches to psychology: New syntheses in theory, research, and policy*. Oxford University Press, USA.

### **Major Activity-1: PRACTICUM- EXPERIMENTS**

- **Course Outcome (CO):** After completion of the course students will be able to:  
1: Developing the awareness of psychological tools, techniques and test.2:  
Learning theoretical concepts through experiments.  
3: Acquiring skills executing and reporting the experiments.

| UNITS | COURSE CONTENT                              | PERIODS                      |
|-------|---------------------------------------------|------------------------------|
| 1     | Depth perception                            | Perform any<br>10 practicals |
| 2     | Span of attention                           |                              |
| 3     | Illusion                                    |                              |
| 4     | Problem solving                             |                              |
| 5     | Mage learning                               |                              |
| 6     | STM                                         |                              |
| 7     | Divided attention                           |                              |
| 8     | Proactive inhibition/retroactive inhibition |                              |
| 9     | Ziegarnic effect/low of effect              |                              |
| 10    | Serial learning                             |                              |
| 11    | Recall and recognition                      |                              |
| 12    | Praied association                          |                              |
| 13    | Whole vs part                               |                              |
| 14    | Nonsens and meaningful learning             |                              |
| 15    | Rote learning                               |                              |

#### **Reference Books: -**

1. Rajamanickam, M. (2005). *Experimental Psychology: With Advanced Experiments*, Vol. 1 & 2. New Delhi: Concept Publishing Company.
2. Parameshwarn, E.G. & Rao, B. T. (1968) *Manual of Experimental Psychology*. Bombay: Lalvani Publishing House.
3. Mohsin, S. M. (1975). *Experiments in Psychology*. Orient Longman.

#### **Practical marks distrubution**

**Practical -100 marks**

Internal -20

Practical exam-80

- a. Report -30
- b. Procudure-25
- c. Viva-25

### **Elective -1(a) INDIAN PSYCHOLOGY**

**Course Outcome (CO):** After completion of the course students will be able to:

1. Indigenization of psychology in India. Integration of modern psychology with Indian thought.
2. Understand the role of culture and psychological.
3. Understand Cultural Processes

| UNITS | COURSE CONTENT                                                                                                                                                              | PERIODS |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| I     | <b>Scope, Substance, and Methods of Study .</b><br>What Is Psychology in the Indian Tradition?<br>Sources of Indian Psychology.<br>Methods of Study<br>How Is It Different? | 15      |
| II    | <b>Mind–Body Complex</b><br>Mind in Indian Psychology<br>Common Thread.<br>Indriyas and the Sensory-Motor Apparatus.<br>A Model of the Mind–Body Complex                    | 15      |
| III   | <b>Applied Indian Psychology .</b><br>Indian Model of Applied Psychology .<br>Implications<br>Applications                                                                  | 15      |
| IV    | <b>Meditation and Applied Yoga .</b><br>What Is Meditation?<br>Effects of Meditation<br>Therapeutic Applications<br>What Does It All Mean? .                                | 15      |

#### ***Reference Books:-***

1. Rao, K. R., & Paranjpe, A. C. (2016). *Psychology in the Indian tradition*. New Delhi: Springer India.
2. Rao, K., Paranjpe, A. C., & Dalal, A. K. (2008). *Handbook of Indian psychology*. Cambridge University Press India/Foundation Books.
3. Cornelissen, M. (2011). *Foundations of Indian Psychology Volume 2: Practical Applications*. Pearson Education India.
4. Bhawuk, D. (2011). *Spirituality and Indian psychology: lessons from the Bhagavad-Gita*. Springer Science & Business Media.

## **Elective -1 (b) ENVIRONMENTAL PSYCHOLOGY**

**Course Outcome (CO):** After completion of the course students will be able to:

1. Apply an awareness, knowledge, and appreciation of the intrinsic values of environmental study
2. Develop an ability to integrate many disciplines and fields that intersect with environmental concerns.
3. Implement the various theoretical concepts learnt and build the critical thinking skills in relation to environmental conservation

| UNITS | COURSE CONTENT                                                                                                                                                                                                                                              | PERIODS |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| I     | <b>Environmental Psychology: History, Scope, and Methods</b><br>Introduction , History of the Field, Current Scope and Characteristics of the Field, Main Research Methods in Environmental Psychology                                                      | 12      |
| II    | <b>Climate Change as a Unique Environmental Problem</b><br>Introduction, Public Understanding of Climate Change, Assessing the Risk of Climate Change                                                                                                       | 12      |
| III   | <b>Environmental Stress</b><br>Introduction, Conceptualizations of Stress, Effects of Environmental Stress                                                                                                                                                  | 12      |
| IV    | <b>Measuring Environmental Behaviour</b><br>Introduction, What to Measure? Behaviour or Impact, How to Measure Environmental Behaviour?, Multidimensional or Unidimensional Measures                                                                        | 12      |
| V     | <b>Informational Strategies to Promote Pro-Environmental Behaviour: Changing Knowledge, Awareness, and Attitudes.</b><br>Introduction, Interventions: From Research to Implementation, Informational Strategies, Intervention Research: Some General Issues | 12      |

### ***Reference Books:-***

1. Steg, L., Van Den Berg, A. E., & De Groot, J. I. (2018). Environmental psychology: History, scope, and methods. *Environmental psychology: An introduction*, 1-11.
2. Gifford, R., Steg, L., & Reser, J. P. (2011). Environmental psychology. *IAAP handbook of applied psychology*, 440-470.
3. Gifford, R. (2007). Environmental psychology: Principles and practice.
4. De Groot, J. I. (2019). Environmental psychology: An introduction.
5. Bonnes, M., & Secchiarioli, G. (1995). *Environmental psychology: A psycho-social introduction*. Sage.
6. McAndrew, F. T. (1993). *Environmental psychology*. Thomson Brooks/Cole Publishing Co.
7. Steg, L., Van Den Berg, A. E., & De Groot, J. I. (2018). Environmental psychology: History, scope, and methods. *Environmental psychology: An introduction*, 1-11.
8. Russell, J. A., & Ward, L. M. (1982). Environmental psychology. *Annual review of psychology*, 33(1), 651-689.

## Elective -1 (c) SPORTS PSYCHOLOGY

**Course Outcome (CO):** After completion of the course students will be able to:

1. Understand the role of the brain in human performance and apply psychological techniques and theories to human performance within diverse populations.
2. Effectively develop and apply health, physical activity, and psychological principles as they relate to human performance
3. Explain the major perspectives of psychology (e.g. biological, cognitive, behavioral, sociocultural, etc.)

| UNITS | COURSE CONTENT                                                                                                                                                                                                                                                                                               | PERIODS |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| I     | <b>Introduction</b><br>What is sport psychology?, A brief history of sport psychology, What is a sport psychologist?, For those new to psychology                                                                                                                                                            | 10      |
| II    | <b>Personality development and sport</b><br>Social learning theory, Applying social learning theory to sport, Sources of influence on social development and sport, Gender and sport, Sport as an influence on social development, The psychodynamic approach to personality development                     | 10      |
| III   | <b>Aggression and sport</b><br>Defining aggression, link between aggression and performance, Theories of aggression, Individual differences in sporting aggression, Situational factors affecting aggression, The \$64,000 question – does sport increase or reduce aggression?, The reduction of aggression | 10      |
| IV    | <b>Arousal, anxiety and sporting performance</b><br>Definitions of arousal, anxiety and stress, Factors inducing anxiety and stress, The relationship between arousal and performance, The relationship between anxiety and performance, Stress management                                                   | 10      |
| V     | <b>Motivation and sport</b><br>Intrinsic and extrinsic motivation, Theories of motivation, Self-efficacy, Counterfactual thinking, Pathological motivation and sport                                                                                                                                         | 10      |
| VI    | <b>Skill acquisition and expertise</b><br>Definitions, Classifying abilities, Classifying skills, Two linked issues: the existence of super ability and the nature–nurture debate in sport, Stages of skill acquisition, The information-processing approach to skills, Memory, Theories of motor learning   |         |

### **Reference Books:-**

1. Jarvis, M. (2006). *Sport psychology: A student's handbook*. Routledge.
2. Cox, R. H. (1998). *Sport psychology: concepts and applications* (No. Ed. 4). McGraw-hill.
3. Williams, J. M. E. (1993). *Applied sport psychology: Personal growth to peak performance*. Mayfield Publishing Co.
4. Brewer, B. W. (Ed.). (2009). *Sport psychology*. Oxford, UK: Wiley-Blackwell.
5. Andersen, M. B. (2005). *Sport psychology in practice*. Human Kinetics.
5. Tenenbaum, G., & Eklund, R. C. (Eds.). (2007). *Handbook of sport psychology*. John Wiley & sons.

## Research Methodology: BEHAVIOURAL RESEARCH METHODOLOGY

**Course Outcome (CO):** After completion of the course students will be able to:

**CO 1:** Understanding scientific behavioral research methods

**CO 2:** Student acquiring the skill of formulating research statements of hypotheses

**CO 3:** students able to knowledge of sampling methods.

| UNITS | COURSE CONTENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PERIODS |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| I     | <b>Social Scientific Research :</b> meaning and characteristics of scientific, scientific approach to the study of behavior, stages in research, types of research experiment and Non experimental, ethical problems in research, comparison between experimental and non-experimental research, types of experiment, applied research, <b>Qualitative Research :</b> Meaning and essential features of qualitative research, a qualitative research model: Five components, Relevance of qualitative research, Theoretical Perspectives of qualitative Research, Research design strategies of qualitative research, Sampling Techniques of qualitative Research,                                                                                                                            | 15      |
| II    | <b>The Problem and the Hypothesis :</b> meaning and characteristics of a research problem, sources of stating a research problem, important considerations in selecting a research problem, ways in which a problem is manifested, types of research problem, importance of formulating a research problem, steps in formulating a research problem, meaning and characteristics of good hypotheses, ways of stating a hypotheses, review question, mining and types of variables, deference between a variable and a concept, methods of measuring depended variables, important considerations in selection of variables, important approaches to manipulating independent variables, techniques of controlling extraneous variables, controlling demand Characteristics, review question . | 15      |
| III   | <b>Sampling / participant :</b> Mining and type of sampling, need for sampling, fundamental of sampling, principal of sampling, factor of influencing decision to sample, types of sampling, methods of drawing random sample, simple random sample, stratified random sample, cluster sampling, quota sampling, purposive or judgmental sampling, Accidental sampling, snowball sampling, saturation sampling and dense sampling, double sampling, mixed sampling, Requisites of a Good sampling method, common advantages of sampling method, sampling distribution, sampling error, review questions.                                                                                                                                                                                      | 15      |
| IV    | <b>Research Design :</b> Meaning and purpose of research design, criteria of research design,<br>Basic Principles of Experimental design, basic terms used in experimental design, some important types of Research design, between – subjects design, problem of creating equivalent groups in between – Subjects design, Within – Subject design, problem of controlling sequence effects in within – subject Design, comparison of between – subject design and within subject design, experimental design Based upon the Campbell and Stanley classification, pre – experimental design (No designs) True experimental design, Quasi- Experimental designs, Ex post facto design, steps In experimentation, Review questions.                                                             | 15      |

***Reference Books:-***

1. Singh, A. K.(2019). Tests Measurement & Research Methods in Behavioural Sciences. (6<sup>th</sup>ed). Patna: Bharti Bhavan
2. Mangal, S. K. (2019) Statistics in Psychology and Education (2 ed ). Delhi: Prentice – Hall
3. Singh, A. K.(2006). Tests Measurement & Research Methods in Behavioural Sciences. (5<sup>th</sup>ed). Patna: Bharti Bhavan.
4. McBurry, D. H. (2002).Research Methods. USA: Wordsworth, Thompson.
5. Karlinger, F. N. (1994).Fundamentals of Behavioural Research. (3<sup>rd</sup>ed).
6. Broota, K. D. (1989). Experimental Design in Behavioural Research. New Delhi:Wiley Eastern Ltd.
7. Robinson, P. W. (1976). Fundamentals of Experimental Psychology. Prentice-hall
8. Borude, R. R. (2005). Sanshodhan Paddhatishastra. Pune: Pune Vidyarthi Grhua.

# **M.A. First Year: PSYCHOLOGY**

## **Second Semester**

### **Second Semester:**

Major Mandatory-4: NEURO PSYCHOLOGY

Major Mandatory-5: THEORIES OF PERSONALITY- II

Major Mandatory-5: BEHAVIOURAL STATISTICS

Major Activity-7: PRACTICUM- TESTING

Major Elective-2: Select any one

- a. MEDIA AND PSYCHOLOGY
- b. BEHAVIOURAL ECONOMICS
- c. ADVANCED SOCIAL PSYCHOLOGY

Field Project: OBSERVATION AT PSYCHOLOGY RELATED INSTITUTIONS

## **Major Mandatory 4- NEUROPSYCHOLOGY**

**Course Outcome (CO):** After completion of the course students will be able to:

**CO 1:** Student able to understand the sensory motor system.

**CO 2:** Student acquired the knowledge of neurosystem and perceptual process.

**CO 3:** Understanding memory and emotions relation with Neurological process

| UNITS | COURSE CONTENT                                                                                                                                                                                                                                                                                                                                                                    | PERIODS |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| I     | <b>Introduction to Neuropsychology: -</b><br>Introduction to neuropsychology, what is Neuropsychology? Heart, Mind, and Brain: The Early history of neuropsychology, The Mind – body problem, Module 2. The recent history of Neuropsychology, Focus on the Neuron, The Brain Mappers, Functional Neurosurgery, The paradigm shift in Neuropsychology                             | 12      |
| II    | <b>Neuroanatomy:</b><br>Neurons and Glia: Structure and function, Communication within the Neuron: the action potential, Communication between Neurons: The synapse, Neurotransmitters, The Nervous System, Positional Terms, Divisions of the Nervous System, The spinal cord, Divisions of the brain, Connections between the two halves of the brain, Blood supply, Protection | 12      |
| III   | <b>Techniques in Neuropsychology Investigating how the brain produces behavior in humans :</b><br>Study of the damaged nervous system, the scientific method, Nonhuman animal models, Cognitive Testing, Module 2. Brain Imaging, Structural imaging, and Electrophysiological methods Functional imaging                                                                         | 12      |
| IV    | <b>Sensation and Perception: Vision:-</b><br>Organization of sensory systems, Hierarchical organization, Segregation by function Processing of Information in Parallel, The Visual System, Light: Stimulus for the visual system The Eye and Retina, Retina -Geniculation-striate system, Deficits in the visual system, Anoxia, Optic Aphasia, Blind sight                       | 12      |
| V     | <b>Memory :-</b><br>Types of memories, Sensory Memory , short-term memory , Working memory, long term memory, Disorders of memory, Amnesia: Retrograde and anterograde, The Dementias, Where is memory in the brain?, The role of the temporal lobes in explicit memory, The role of the temporal lobes in implicit memory, Where are memories stored in the brain?               | 12      |

### ***Reference Books:-***

1. Lorin Elias, Deborah Saucier (2018) Neuropsychology: Clinical and Experimental Foundations person India Education services.
2. Dr. M. P. Meheta (2014) A Textbook of Neuropsychology. K. K. Publication
3. Ellis A. W. (2013) Human Cognitive Neuropsychology. Psychology press.
4. A. K. Singh (2017) Neuromanovigyanke Moolattva. Motilal Banaridass. 3<sup>rd</sup> edition.
5. G. Dennis Rains (2016). Principles of Human Neuropsychology McGraw Hill education.

## **Major Mandatory 5- THEORIES OF PERSONALITY- II**

**Course Outcome (CO):** After completion of the course students will be able to:

1. Acquire knowledge of personality theories
2. understanding different perspective and assessment
3. Learned strategies of personality

| UNITS | COURSE CONTENT                                                                                                                                                                                                                                                                                                                                                                                                                                           | PERIODS |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| I     | <b>Rollo May's existential-analytic position</b><br>Biographical sketch, Concepts and principles –what is existentialism, existentialism and psychoanalysis, three modes of being of the word, value disintegration in modern society and the loss of our moral compass, emptiness and loneliness, the emergence of anxiety, the expansion of consciousness. Personality development, Assessment techniques –theory implication for therapy.             | 12      |
| II    | <b>Allport's trait theorys</b><br>Biographical sketch, Concepts and principles – a humanistic view of personality, the theory of traits, what is a trait? Personality development-the proprium, or self, development of the mature personality, functional autonomy, characteristics of maturity, the role of religion as a unifying philosophy of life, limitation of allport's view on religiosity differences, study of values. Assessment techniques | 12      |
| III   | <b>Cattell's structure-based systems theory</b><br>Biographical sketch, Concepts and principles –approach to the theory building , methodology :factor analyses ,defining personality, classify traits, major source traits or primary factors,the major abnormal traits, Personality development, Assessment techniques                                                                                                                                 | 12      |
| IV    | <b>Eysenck's biological typology</b><br>Biographical sketch, Concepts and principles<br>Personality development, Assessment techniques                                                                                                                                                                                                                                                                                                                   | 12      |
| V     | <b>Kelly's theory of personal constructs</b><br>Biographical sketch , Concepts and principles Personality development , Assessment techniques<br>Use of chi square as a Test of Independence between Two Variables                                                                                                                                                                                                                                       | 12      |

### **Reference Books: -**

1. Richard M. Ryckman (2014) theories of Personality. 10<sup>th</sup> edition Cengage india publication
2. Hall, C.S., Lindzey , G.&compbell , J.B.(2004) Theories of personality(4<sup>th</sup>ed) New york. John wiley&son's , Inc.
3. Barabara , E.(2006). Personality Theories (7<sup>th</sup>ed). New York: HoughtonMifflin Company
4. Barger, J. M.(2004). Personality (6<sup>th</sup>ed). USA: Wadsworth/Thompson Learning
5. Hjelle, L. A. & Ziggler, D. J.(1992). Personality Theories (3<sup>rd</sup>) New York:McGraw-Hill,Inc.
6. Mischel, W: (1976). Introduction To Personality. USA: Holt, Rnehart&Wiston.

## **Major Mandatory-6: BEHAVIOURAL STATISTICS**

**Course Outcome (CO):** After completion of the course students will be able to:

1. Acquire the Knowledge of different statistical techniques
2. Student trained in computation
3. Using data analysis & interpretation

| UNITS | COURSE CONTENT                                                                                                                                                                                                                                                                                                                                                        | PERIODS |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| I     | <b>Central Tendency and variability</b><br>The Mean, The Median, The Mode, Measuring Variance and Standard Deviation for a Population, Measuring Standard Deviation and Variance for a Sample, Using z-Scores to Standardize a Distribution, Samples, Populations, and the Distribution of Sample Means, Probability and the Distribution of Sample Means             | 12      |
| II    | <b>Hypothesis Testing</b><br>The Logic of Hypothesis Testing , Uncertainty and Errors in Hypothesis Testing Directional (One-Tailed) Hypothesis Tests , Hypothesis Tests with the t Statistic, Hypothesis Tests with the Independent-Measures t Statistic, The t Statistic for a Repeated-Measures Research Design, Hypothesis Tests for the Repeated-Measures Design | 12      |
| III   | <b>Analysis of Variance</b><br>ANOVA Notation and Formulas, .Hypothesis Testing and Effect Size with ANOVA, Post Hoc Tests, Repeated-Measures ANOVA, Hypothesis Testing and Effect Size with the Repeated-Measures ANOVA, Two-Factor ANOVA and Effect Size                                                                                                            | 12      |
| IV    | <b>Non-parametric Statistic</b><br>Chi-Square: The Test for Goodness of Fit, The Chi-Square Test for Independence, Effect Size and Assumptions for the Chi-Square Tests                                                                                                                                                                                               | 12      |
| V     | <b>Correlation &amp; Regression Analysis</b><br>The Pearson Correlation, Using and Interpreting the Pearson Correlation, Hypothesis Tests with the Pearson Correlation, Linear Equations and Regression, The Standard Error of Estimate and Analysis of Regression, Multiple Regression with Two Predictor Variables                                                  |         |

### **Reference Books:**

1. Gravetter, F. J., & Wallnau, L. B. (1997). Statistics for the behavioral sciences: A first course for students of psychology and education.
2. Mangal, S. K. (2019) Statistics in Psychology and Education (2 ed ). Delhi: Prentice - Hall Singh, A. K. (2006). Tests Measurement & Research Methods in Behavioural Sciences. (5<sup>th</sup>ed). Patna: Bharti Bhavan.
3. McBurny, D. H. (2002). Research Methods. USA: Wordsworth, Thompson.
4. Karlinger, F. N. (1994). Fundamentals of Behavioural Research. (3<sup>rd</sup>ed).
5. Zechmiester, J. S. Zechmiester, E. B. & Shaughnessy, J.J. (2001). Essentials of Research Methods in Psychology.
6. Borude, R. R. (2005). Sanshodhan Paddhatishastra. Pune: Pune Vidyarthi Grhua.
7. Desai, B. & Abhyankar, S. C. (2007). Prayogic Manasashastra and Sanshodhan Paddhati. Pune: Narendra Prakashan.
8. Kothari, C. R. (1985). Research Methodology: Methods & Techniques. New Delhi: Wiley Eastern Ltd.

## **Major Activity-2: PRACTICUM- TESTING**

| Sr.No. | PRACTICUM- TESTING            |                                 |
|--------|-------------------------------|---------------------------------|
| 1      | Neuro Battery                 | <b>Perform any 10 Praticals</b> |
| 2      | Introversion and Extroversion |                                 |
| 3      | MMPI                          |                                 |
| 4      | 16 PF                         |                                 |
| 5      | DPI                           |                                 |
| 6      | NEI-PI                        |                                 |
| 7      | HSPQ                          |                                 |
| 8      | CPQ                           |                                 |
| 9      | Optimism and pessimism        |                                 |
| 10     | Beck Anxiety                  |                                 |
| 11     | Beck Depression               |                                 |
| 12     | Self Confidence               |                                 |
| 13     | Self Esteem                   |                                 |
| 14     | Type A/B Behavioural pattern  |                                 |
| 15     | Mobile addiction              |                                 |

### **BOOKS FOR READING:-**

1. Psychological Assessment and Theory Creating and Using Psychological Testing. Robert M.
2. Singh, A. K.(2019). Tests Measurement & Research Methods in Behavioral Sciences.(6th ed).Patna: Bharti Bhavan.

### **Practical marks distribution**

**Practical -100 marks**

Internal -20

Practical exam-80

- a. Report -30
- b. Procedure-25
- c. Viva-25

## **Major Elective- 2 (a) MEDIA AND PSYCHOLOGY**

**Course Outcome (CO):** After completion of the course students will be able to:

1. Discuss the psychological effects of media
2. Analyze the psychology of advertise used by the media
3. Analyze the connection between media and psychology

| UNITS | COURSE CONTENT                                                                                                                                                                                                                            | PERIODS |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| I     | <b>Media Psychology</b><br>Defining the Territory, Defining “Mass Media”, Psychology and Media: An Uneasy Relationship?, Practising Media Psychology?                                                                                     | 12      |
| II    | <b>Advertising</b><br>Advertising Through History, The Role of Psychology in Advertising, Cognitive and Behavioural Effects of Advertising, Rhetorical Effects of Advertising, Advertising and Children, Future Directions in Advertising | 12      |
| III   | <b>Media and Adolescence</b><br>Media Use in Adolescence, The Role of Media Figures During Adolescence , Cultural Functions of Media Use, Media Influences on Adolescent Body Image                                                       | 12      |
| IV    | <b>News and Current Affairs</b><br>Sources of News, Content-Based Approaches to News Media, Information-Processing Approaches to News Reception, Bad News and Serious News                                                                | 12      |
| V     | <b>Psychology in the Media</b><br>Psychologists in the Media, The Academia/Media Relationship, Science in the Media, Social Science in the Media, Guidelines and Training for Media Performance                                           | 12      |

### ***Reference Books:-***

Giles, D. (2003). *Media psychology*. Routledge.

Dill, K. E. (Ed.). (2013). *The Oxford handbook of media psychology*. Oxford University Press.

## **Major Elective 2 (b) BEHAVIOURAL ECONOMICS**

**Course Outcome (CO):** After completion of the course students will be able to:

1. Knowledge of preference orders and their connection to utilities
2. Understanding of the differences between economic and psychological approach to human decisions
3. Getting familiar with main heuristics and biases in human decisions, be able to interpret them.

| UNITS | COURSE CONTENT                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PERIODS |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| I     | <b>Introduction Behavioral Economics</b><br>Past, Present, Future                                                                                                                                                                                                                                                                                                                                                                                                        | 12      |
| II    | <b>Behavioral Game Theory:</b><br>Predicting Human Behavior in Strategic Situations                                                                                                                                                                                                                                                                                                                                                                                      | 12      |
| III   | <b>Mental Accounting, Saving, and Self-Control</b>                                                                                                                                                                                                                                                                                                                                                                                                                       | 12      |
| IV    | <b>BEHAVIORAL SCIENCE: THEORY AND PRACTICE</b><br>Behavioral Economics: An Exercise In Design And Humility,<br>Behavioral Science: Theory And Practice (Alain Samson)<br>Behavioral Economics In 2015, Be Bits And Pieces, Applied<br>Behavioral Science, Behavioral Tools, Nudging And Choice,<br>Architecture, Test & Learn, Differentiating Experiments, Will<br>Intervention Work, Practitioner Contributions To This Guide                                          | 12      |
| V     | <b>Applied Perspectives Behavioral Science In Practice</b><br>Behavioral Science In Practice ,Toward A Common Behavioral<br>Economics Perspective ,Catching The Careless Nudists: The<br>Behavioral Regulators' Agenda ,Building Strong Brands Through The<br>Lens Of Unthinking Emotional Behavior ,Learning From Experience:<br>How Customers Are Won And Lost ,From Branding To Action ,The<br>Behavioral Change Matrix – A Tool For Evidence- Based Policy<br>Making | 12      |

### ***Reference Books:-***

1. Camerer, C. F., Loewenstein, G., & Rabin, M. (Eds.). (2004). *Advances in behavioral economics*. Princeton university press.
2. Samson, A. (2015). *The behavioral economics guide 2015* (with an introduction by Dan Ariely).
3. Low, D. (2011). *Behavioural economics and policy design: Examples from Singapore*. World Scientific.

## **Major Elective 2 (c ) ADVANCED SOCIAL PSYCHOLOGY**

**Course Outcome (CO):** After completion of the course students will be able to:

1. Understand the fundamental theories of social psychology
2. To develop skills in critically evaluating social psychological experiments
3. Analyse real-world problems using social psychological theories

| UNITS | COURSE CONTENT                                                                                                                                                                                                                                                                                                                                                                                           | PERIODS |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| I     | <b>Social Psychology:</b><br>Social Psychology: What it is and is Not, Social Psychology: Advances at the Boundaries, How Social Psychology's Answer the questions they : Research as the route to Increased Knowledge, The Role of Theory in Social Psychology, The Quest for Knowledge and the rights of Individuals: seeking and appropriate balance, Getting the most out of this book: A user Guide | 12      |
| II    | <b>Causes and Cures of Stereotyping, Prejudice, and Discrimination:</b><br>How Members of Different Groups Perceive Inequality, The Nature and Origins of stereotyping, Prejudice: Feelings toward Social Groups<br>Discrimination: Prejudice in action, Why Prejudice Is Not Inevitable: Techniques for Countering Its Effects                                                                          | 12      |
| III   | <b>Prosocial Behavior</b><br>Why People Help: Motives for Prosocial Behavior, Responding to an Emergency: Will Bystanders Help? , Factors that Increase or Decrease the Tendency to Help                                                                                                                                                                                                                 | 12      |
| IV    | <b>Aggression :</b><br>Perspectives on Aggression In Search of the Roots of Violence, Causes of Human Aggression: Social, Cultural, Personal and Situational, Aggression in the Classroom and Workplace, The Prevention and Control of Aggression: Some Useful Techniques                                                                                                                                | 12      |
| V     | <b>Dealing with Adversity and Achieving a Happy Life:</b><br>Social Sources of Stress and Their Effects on Personal Well-Being<br>Social Tactics for Decreasing the Harmful Effects of Stress, Making the Legal System More Fair and Effective, Fostering Happiness in Our Lives                                                                                                                         | 12      |

### **Reference Books: -**

1. Branscombe N.R., Baron R. A. (2017) Social Psychology Pearson education. 14th edition.
2. Elliot Aronson & et.al. (2020) social psychology Pearson education 10th edition.
3. A. k. Singh (2019) Social Psychology PHI learning PVT. Ltd 2nd edition
4. Taylor S. E. & Sears D. O. (2013) Social Psychology Pearson India, 12th edition
5. Sadhna natu., alpna vaidya & mansi rajhans ( ) Social Psychology Pearson education. 14th edition.

**Field Project:**

**OBSERVATION AT PSYCHOLOGY RELATED INSTITUTIONS**

**Select any three Institutions**

| Sr.No. | PSYCHOLOGY RELATED INSTITUTIONS       | Activity                                       |
|--------|---------------------------------------|------------------------------------------------|
| 1      | Orphan age                            | Visit,<br>Observation<br>and<br>Report writing |
| 2      | Old age Home                          |                                                |
| 3      | Special school                        |                                                |
| 4      | Remend home                           |                                                |
| 5      | De-Addiction Center                   |                                                |
| 6      | Court counseling center               |                                                |
| 7      | Human resorce Department in indistory |                                                |