

MA PSYCHOLOGY (M89)

PSY501 Understanding of Cognitive Psychology

Program Outcomes (POs)

1. PO1: Learners know the fundamental and modern changes in human behavior fields of Psychology.
2. PO2: Learners judiciously integrate theory and practice in the field of Psychology.
3. PO3: Develop a multi-skilled trained workforce in the domain-specific field.
4. PO4: Demonstrate thorough understanding of the process of counselling.
5. PO5: Demonstrate familiarity with the biological and social underpinnings of human behavior.

Course Outcomes (COs)

- CO1: Students explore theories on sensory transmission, its implications, sensation, cognitive role, and adaptation in cognitive psychology.
- CO2: Students learn about attention, its neural basis, and influencing factors in practical contexts, gaining understanding of its cognitive functions and disorders.
- CO3: Students understand cognitive mechanisms and their impact on thinking and language, examining theories, decision-making, problem-solving, and factors influencing thinking and language.
- CO4: Students study problem-solving, memory, cognitive processes, theories, models, biases, heuristics, and practical applications, while also examining memory functions, models, factors, disorders, and effects on daily life.

CO–PO Mapping Table

Course Outcomes (COs)	PO1 (Fundamental & modern changes)	PO2 (Integrate theory & practice)	PO3 (multi-skilled workforce)	PO4 (Counselling process)	PO5 (Biological & social basis)
CO1: Sensory transmission, sensation & adaptation	3	2	2	2	3
CO2: Attention, neural basis & disorders	3	3	2	3	3
CO3: Cognitive mechanisms, thinking & language	3	3	3	2	2
CO4: Problem-solving, memory, biases & applications	3	3	3	2	2

PSY502 Psychometrics: The Science of Psychological Assessment

Program Outcomes (POs)

1. PO1: Learners know the fundamental and modern changes in human behavior fields of Psychology.
2. PO2: Learners judiciously integrate theory and practice in the field of Psychology.
3. PO3: Develop a multi-skilled trained workforce in the domain-specific field.
4. PO4: Demonstrate thorough understanding of the process of counselling.
5. PO5: Demonstrate familiarity with the biological and social underpinnings of human behavior.

Course Outcomes (COs)

1. Evaluate psychological tests for use in research and professional practice by applying principles of reliability, validity, and standardization.
2. Apply psychometric principles, measurement models, and ethical standards in constructing and interpreting psychological assessments.
3. Analyze item data using classical test theory, item response theory, and criterion-referenced approaches to improve test quality.
4. Design and validate psychological tests using core psychometric concepts, including factor analysis and norm development.
5. Implement standardized test administration procedures and synthesize findings into clear, professional test reports.
6. Critically examine intrinsic and extrinsic test bias and assess the implications of computerization and artificial intelligence in psychological testing.

CO–PO Mapping Table

Course Outcomes (COs)	PO1 (Fundamental & modern changes)	PO2 (Theory–Practice integration)	PO3 (multi-skilled workforce)	PO4 (Counselling process)	PO5 (Bio-social basis)
CO1: Evaluate psychological tests using reliability, validity, standardization	3	3	3	2	2
CO2: Apply psychometric principles, models, and ethics in assessments	3	3	3	2	2
CO3: Analyze item data (CTT, IRT, criterion-referenced) to improve quality	3	3	3	3	2
CO4: Design & validate psychological tests (factor analysis, norms)	3	3	3	2	3
CO5: Implement standardized test administration & reporting	2	3	3	2	1
CO6: Critically examine test bias & implications of computerization/AI	3	2	3	2	2

PSY503: Research Methodology- I

Program Outcomes (POs)

1. PO1: Knowledge of fundamental & modern changes in Psychology.
2. PO2: Ability to integrate theory and practice in Psychology.
3. PO3: Development of multi-skilled workforce in domain-specific fields.
4. PO4: Understanding of counseling processes.
5. PO5: Familiarity with biological and social underpinnings of human behavior.

Course Outcomes (COs)

1. Recall the key concepts of research types, designs, sampling methods, and data collection techniques.
2. Explain the characteristics, advantages, and limitations of different research methodologies, including experimental and quasi-experimental designs.
3. Apply the principles of research design, sampling, and instrument development to formulate and plan a research study.
4. Analyze the challenges faced in conducting research in India, including ethical, infrastructural, and procedural constraints.
5. Critically evaluate research designs, sampling strategies, and data collection methods for validity, reliability, and ethical soundness.
6. Design a research proposal incorporating appropriate methodology, hypotheses, sampling strategies, and data collection instruments suitable for a given research problem.

CO–PO Mapping Table

Course Outcomes (COs)	PO1 (Fundamental & modern changes)	PO2 (Theory– Practice integration)	PO3 (Multi- skilled workforce)	PO4 (Counselling process)	PO5 (Bio- social basis)
CO1: Recall research types, designs, sampling & data collection	3	2	2	2	1
CO2: Explain characteristics, advantages & limitations of research methodologies	3	3	2	2	2
CO3: Apply design, sampling & instrument development to plan a study	3	3	3	2	3
CO4: Analyze challenges in Indian research (ethical, infrastructural, procedural)	3	3	2	2	2
CO5: Critically evaluate research designs & data collection for validity, reliability & ethics	3	3	3	2	2
CO6: Design a research proposal with methodology, hypotheses, sampling & data collection	3	3	3	2	2

PSY504: Psychological Experiments

Program Outcomes (POs)

1. PO1: Knowledge of fundamental & modern changes in Psychology.
2. PO2: Ability to integrate theory and practice in Psychology.
3. PO3: Development of multi-skilled workforce in domain-specific fields.
4. PO4: Understanding of counselling processes.
5. PO5: Familiarity with biological and social underpinnings of human behavior.

Course Outcomes (COs)

1. CO1: Observe and study human behaviour in a careful and scientific manner.
2. CO2: Do simple experiments with confidence.
3. CO3: Collect, calculate, and understand data, and prepare clear reports.
4. CO4: Work honestly and respectfully while doing tests and experiments with people, following ethical rules.

CO–PO Mapping Table

Course Outcomes (COs)	PO1 (Knowledge of psychology)	PO2 (Theory–Practice integration)	PO3 (multi-skilled workforce)	PO4 (Counselling process)	PO5 (Bio-social basis)
CO1: Observe and study human behaviour	3	2	2	3	3
CO2: Do simple experiments with confidence	2	3	3	2	2
CO3: Collect, calculate, and prepare reports	2	3	3	2	2
CO4: Work honestly & ethically in tests/experiments	2	2	2	3	2

PSY505: Cognitive Psychology: Advances and Application

Program Outcomes (POs)

1. PO1: Knowledge of fundamental & modern changes in Psychology.
2. PO2: Ability to integrate theory and practice in Psychology.
3. PO3: Development of multi-skilled workforce in domain-specific fields.
4. PO4: Understanding of counselling processes.
5. PO5: Familiarity with biological and social underpinnings of human behavior.

Course Outcomes (COs)

1. CO1: Explain the fundamentals of neural communication, including neuron structure, neurotransmitter functions, synaptic transmission, and neural circuit formation.
2. CO2: Demonstrate a comprehensive understanding of cognitive disorders, their impact across the lifespan, and key influencing factors.
3. CO3: Analyze theories of consciousness and intelligence while applying critical and creative thinking skills.
4. CO4: Define and differentiate between emotion and cognition, assess the role of emotions in neuroscience, and examine gender differences in cognitive abilities.
5. CO5: Understand the foundational concepts of neuropsychology, metacognition, and the practical application of brain assessment tools.
6. CO6: Apply cognitive psychology principles across various domains, including education, clinical psychology, technology, business, and forensic contexts.

CO–PO Mapping Table

Course Outcomes (COs)	PO1 (Knowledge)	PO2 (Theory– Practice)	PO3 (Multi- skilled workforce)	PO4 (Counseling process)	PO5 (Bio- social basis)
CO1: Neural communication basics	3	2	2	2	3
CO2: Cognitive disorders across lifespan	3	3	2	2	3
CO3: Theories of consciousness & intelligence	3	3	3	3	2
CO4: Emotion vs cognition & gender differences	3	2	2	2	3
CO5: Neuropsychology, metacognition, brain assessment	3	3	3	3	3
CO6: Applications of cognitive psychology (education, clinical, business, etc.)	3	3	3	2	2

PSY506: Applications of Psychological Tests

Program Outcomes (POs)

1. PO1: Knowledge of fundamental & modern changes in Psychology.
2. PO2: Ability to integrate theory and practice in Psychology.
3. PO3: Development of multi-skilled workforce in domain-specific fields.
4. PO4: Understanding of counselling processes.
5. PO5: Familiarity with biological and social underpinnings of human behavior.

Course Outcomes (COs)

1. CO1: Identify and explain various tools used to assess cognitive abilities, creativity, intelligence, and career interests, and apply them appropriately in different psychological contexts.
2. CO2: Demonstrate the ability to use psychological assessment tools to evaluate self-concept, child-rearing practices, college adjustment, criminal attitudes, substance use, and family environment.
3. CO3: Analyze and interpret different personality assessment methods, including both objective and projective techniques, for use in psychological evaluations.
4. CO4: Apply psychological and organizational assessment tools to measure factors such as job satisfaction, motivation, leadership, emotional intelligence, stress, and interpersonal trust in workplace settings.

CO–PO Mapping Table

Course Outcomes (COs)	PO1 (Knowledge)	PO2 (Theory– Practice)	PO3 (Multi- skilled workforce)	PO4 (Counseling process)	PO5 (Bio- social basis)
CO1: Assess cognitive abilities, creativity, intelligence, career interests	3	3	2	2	2
CO2: Use assessment tools for self, family, criminal attitudes, etc.	3	3	3	3	3
CO3: Interpret personality assessment (objective & projective)	3	3	3	3	2
CO4: Apply organizational tools (job satisfaction, leadership, EI, stress, trust)	3	3	3	2	2

PSY507: Research Methodology- II

Program Outcomes (POs)

1. PO1: Knowledge of fundamental & modern changes in Psychology.
2. PO2: Ability to integrate theory and practice in Psychology.
3. PO3: Development of multi-skilled workforce in domain-specific fields.
4. PO4: Understanding of counselling processes.
5. PO5: Familiarity with biological and social underpinnings of human behavior.

Course Outcomes (COs)

1. CO1: Demonstrate a clear understanding of quantitative and qualitative research methodologies, including their core concepts, designs, data collection and analysis techniques, and the ability to evaluate their validity, reliability, ethical considerations, and practical challenges.
2. CO2: Apply mixed methods research approaches by integrating qualitative and quantitative data, and perform statistical analysis using measures of central tendency, normality testing, parametric and non-parametric tests, correlation, and regression.
3. CO3: Identify and define research problems, design appropriate sampling strategies, choose suitable statistical tools, and implement various experimental research designs such as randomized, quasi-experimental, group, and single-subject studies using tests like t-test, z-test, and ANOVA.
4. CO4: Adhere to ethical standards in research by applying principles of informed consent, confidentiality, and institutional review procedures, and effectively interpret and report research findings in a structured and academically appropriate format.

CO–PO Mapping Table

Course Outcomes (COs)	PO1 (Knowledge)	PO2 (Theory– Practice)	PO3 (Multi- skilled workforce)	PO4 (Counselling process)	PO5 (Bio- social basis)
CO1: Understanding of research methodologies (quant + qual)	3	3	2		2
CO2: Apply mixed methods & statistical analysis	3	3	3		2
CO3: Research problem identification, sampling, and experimental design	3	3	3		2
CO4: Ethics, consent, confidentiality, reporting	3	3	2	2	2

PSY508: Psychological Testing

Program Outcomes (POs)

1. PO1: Knowledge of fundamental & modern changes in Psychology.
2. PO2: Ability to integrate theory and practice in Psychology.
3. PO3: Development of multi-skilled workforce in domain-specific fields.
4. PO4: Understanding of counselling processes.
5. PO5: Familiarity with biological and social underpinnings of human behavior.

Course Outcomes (COs)

1. CO1: Identify and explain various general and specific ability tests and analyze the methods used to measure these abilities.
2. CO2: Demonstrate understanding of personality assessment by describing key personality tests and evaluating their practical applications in different settings.
3. CO3: Analyze the role of clinical tests at different stages of psychological evaluation and treatment, and evaluate the implications of using improper or inadequate assessment tools.
4. CO4: Explore and apply psychological well-being measures to assess specific aspects of personality and evaluate their relevance in personal, educational, and professional contexts.

CO–PO Mapping Table

Course Outcomes (COs)	PO1 (Knowledge)	PO2 (Theory– Practice)	PO3 (Multi- skilled workforce)	PO4 (Counseling process)	PO5 (Bio- social basis)
CO1: Ability tests – general & specific	3	2	2		2
CO2: Personality assessment (tests & applications)	3	3	3	2	2
CO3: Role of clinical tests & misuse implications	3	3	3	3	2
CO4: Psychological well-being measures (personal, educational, professional)	3	3	3	2	3

PSY601: Counselling Process & Skills

Program Outcomes (POs)

1. PO1: Knowledge of fundamental & modern changes in Psychology.
2. PO2: Ability to integrate theory and practice in Psychology.
3. PO3: Development of multi-skilled workforce in domain-specific fields.
4. PO4: Understanding of counseling processes.
5. PO5: Familiarity with biological and social underpinnings of human behavior.

Course Outcomes (COs)

1. CO1: Define counselling and explain its processes, different approaches (psychodynamic, behavioural, humanistic), and its application in the Indian context.
2. CO2: Demonstrate the ability to use various counselling techniques (active listening, questioning, feedback) and skills (inside–outside, micro, macro, and self-monitoring) effectively in mock counselling sessions.
3. CO3: Compare and contrast traditional and modern models of counselling, including indigenous frameworks specific to Indian socio-cultural settings.
4. CO4: Assess the development and importance of the working alliance and demonstrate strategies for effective closure or termination of the counselling process.

CO–PO Mapping Table

Course Outcomes (COs)	PO1 (Knowledge)	PO2 (Theory–Practice)	PO3 (Multi-skilled workforce)	PO4 (Counseling process)	PO5 (Bio-social basis)
CO1: Define counselling, approaches, Indian context	3	2	2	3	3
CO2: Apply counselling techniques & skills in mock sessions	2	3	3	3	2
CO3: Compare traditional, modern, and indigenous models	3	3	2	3	3
CO4: Assess working alliance & demonstrate closure strategies	2	3	3	3	2

Psy602: Adjustment Psychology

Program Outcomes (POs)

1. PO1: Knowledge of fundamental & modern changes in Psychology.
2. PO2: Ability to integrate theory and practice in Psychology.
3. PO3: Development of multi-skilled workforce in domain-specific fields.
4. PO4: Understanding of counseling processes.
5. PO5: Familiarity with biological and social underpinnings of human behavior.

Course Outcomes (COs)

1. CO1: Describe concepts such as culture, ethnicity, gender-sensitization, gender inclusion, and family relationships, and explain their psychological significance.
2. CO2: Analyze and differentiate between types of stress, their sources and consequences, and identify effective coping mechanisms, including hardiness and resilience.
3. CO3: Evaluate indicators of adjustment and maladjustment, and apply techniques for resolving internal conflicts and improving interpersonal dynamics.
4. CO4: Demonstrate an understanding of community mental health, recognize faulty family patterns, and appreciate the role of mental health education in promoting societal well-being.

CO–PO Mapping Table

Course Outcomes (COs)	PO1 (Knowledge)	PO2 (Theory– Practice)	PO3 (Multi- skilled workforce)	PO4 (Counseling process)	PO5 (Bio- social basis)
CO1: Culture, ethnicity, gender, family relationships	3	2	2	2	3
CO2: Stress, sources, coping, resilience	3	3	3	2	3
CO3: Adjustment, maladjustment, conflict resolution	3	3	3	3	2
CO4: Community mental health, faulty family patterns, mental health education	3	3	3	2	3

PSY603: Essentials of Counselling

Program Outcomes (POs)

1. PO1: Knowledge of fundamental & modern changes in Psychology.
2. PO2: Ability to integrate theory and practice in Psychology.
3. PO3: Development of multi-skilled workforce in domain-specific fields.
4. PO4: Understanding of counseling processes.
5. PO5: Familiarity with biological and social underpinnings of human behavior.

Course Outcomes (COs)

1. CO1: Define and describe key psychological constructs such as motivation, emotion, personality, and abnormality, including their components and developmental aspects.
2. CO2: Analyze intrinsic vs. extrinsic motivation, positive vs. negative emotions, and distinguish traits that contribute to personality coherence and stability.
3. CO3: Evaluate the criteria, symptoms, and causes of disorders such as OCD, body dysmorphic disorder, somatic symptom disorder, and schizophrenia.
4. CO4: Demonstrate the ability to apply motivational theories (e.g., Maslow's hierarchy), emotional regulation techniques, and personality concepts in counselling context

CO–PO Mapping Table

Course Outcomes (COs)	PO1 (Knowledge)	PO2 (Theory–Practice)	PO3 (Multi-skilled workforce)	PO4 (Counseling process)	PO5 (Bio-social basis)
CO1: Define & describe motivation, emotion, personality, abnormality	3	2	2	3	3
CO2: Analyze motivation, emotions, traits & personality stability	3	3	2	2	3
CO3: Evaluate criteria, symptoms & causes of disorders	3	3	3	2	3
CO4: Apply motivational theories, regulation, and personality in counselling	2	3	3	3	2

PSY604: Research Project

Program Outcomes (POs)

1. PO1: Knowledge of fundamental & modern changes in Psychology.
2. PO2: Ability to integrate theory and practice in Psychology.
3. PO3: Development of multi-skilled workforce in domain-specific fields.
4. PO4: Understanding of counselling processes.
5. PO5: Familiarity with biological and social underpinnings of human behavior.

Course Outcomes (COs)

1. CO1: Articulate the fundamental principles and techniques of conducting research in psychology.
2. CO2: Formulate clear and focused research questions and hypotheses in psychological contexts.
3. CO3: Select and apply appropriate research methodologies to effectively address psychological inquiries.
4. CO4: Demonstrate proficiency in collecting, analyzing, and interpreting data relevant to psychological research.
5. CO5: Produce well-structured and substantiated research projects showcasing mastery of research methodology in psychology.

CO–PO Mapping Table

Course Outcomes (COs)	PO1 (Knowledge)	PO2 (Theory–Practice)	PO3 (multi-skilled workforce)	PO4 (Counselling process)	PO5 (Bio-social basis)
CO1: Principles & techniques of research	3	2	2	3	2
CO2: Formulate research questions & hypotheses	3	3	2	3	2
CO3: Select & apply appropriate methodologies	3	3	3	2	2
CO4: Collect, analyze, and interpret data	3	3	3	2	2
CO5: Produce structured research projects	3	3	3	2	2

PSY605: Areas Of Counselling

Program Outcomes (POs)

1. PO1: Knowledge of fundamental & modern changes in Psychology.
2. PO2: Ability to integrate theory and practice in Psychology.
3. PO3: Development of multi-skilled workforce in domain-specific fields.
4. PO4: Understanding of counselling processes.
5. PO5: Familiarity with biological and social underpinnings of human behavior.

Course Outcomes (COs)

1. CO1: Define and explain the principles and practices of school and workplace counselling, including roles of counsellors and key intervention strategies for special needs children.
2. CO2: Analyse theoretical models of stress, workplace counselling, career counselling, and psychological first aid to assess client needs across varied contexts.
3. CO3: Evaluate the relevance and effectiveness of counselling practices related to trauma, grief, addiction, anger, suicide, and geriatric issues.
4. CO4: Apply appropriate counselling techniques and models to real-world scenarios such as campus training, terminal illness counselling, and rehabilitation support.

CO–PO Mapping Table

Course Outcomes (COs)	PO1 (Knowledge)	PO2 (Theory– Practice)	PO3 (multi- skilled workforce)	PO4 (Counselling process)	PO5 (Bio- social basis)
CO1: Principles & practices of school/workplace counselling	3	2	2	3	3
CO2: Analyze models of stress, career & workplace counselling	3	3	2	3	2
CO3: Evaluate practices in trauma, grief, addiction, suicide, geriatric issues	3	3	3	3	3
CO4: Apply counselling techniques to real-world scenarios	2	3	3	3	2

PSY606: Assessment And Intervention in Counselling

Program Outcomes (POs)

1. PO1: Knowledge of fundamental & modern changes in Psychology.
2. PO2: Ability to integrate theory and practice in Psychology.
3. PO3: Development of multi-skilled workforce in domain-specific fields.
4. PO4: Understanding of counselling processes.
5. PO5: Familiarity with biological and social underpinnings of human behavior.

Course Outcomes (COs)

1. CO1: Describe the structure and components of psychological assessments and differentiate between various personality assessment tools and recording methods such as anecdotal records.
2. CO2: Analyze and interpret major psychological theories and therapies, identifying their practical uses in different client situations.
3. CO3: Evaluate the ethical and legal responsibilities of psychological counsellors and rehabilitation therapists in diverse settings, including addiction recovery and palliative care.
4. CO4: Apply integrated therapy techniques (e.g., multimodal, REBT, behavior therapy) in designing client-centered rehabilitation and counselling strategies.

CO–PO Mapping Table

Course Outcomes (COs)	PO1 (Knowledge)	PO2 (Theory–Practice)	PO3 (Multi-skilled workforce)	PO4 (Counseling process)	PO5 (Bio-social basis)
CO1: Psychological assessments & personality tools	3	2	2	2	2
CO2: Analyze & interpret major theories & therapies	3	3	3	3	2
CO3: Ethical & legal responsibilities in counselling & rehab	3	3	3	3	3
CO4: Apply integrated therapy techniques for client-cantered rehab	3	3	3	3	2

PSY607 Counselling for Lifespan

Program Outcomes (POs)

1. PO1: Knowledge of fundamental & modern changes in Psychology.
2. PO2: Ability to integrate theory and practice in Psychology.
3. PO3: Development of multi-skilled workforce in domain-specific fields.
4. PO4: Understanding of counseling processes.
5. PO5: Familiarity with biological and social underpinnings of human behavior.

Course Outcomes (COs)

1. CO1: Describe the stages and challenges across the human lifespan, including prenatal/postnatal hazards and key developmental theories.
2. CO2: Analyze the nature of counselling interventions for children with special needs, child abuse, and slow learning, and identify the role of remedial education.
3. CO3: Evaluate the psychosocial impact of family transitions, parenting styles, and the unique counselling requirements during premarital and midlife stages.
4. CO4: Apply geriatric counselling techniques to address cognitive and emotional issues in old age, caregiving stress, and elder abuse.

CO–PO Mapping Table

Course Outcomes (COs)	PO1 (Knowledge)	PO2 (Theory– Practice)	PO3 (multi- skilled workforce)	PO4 (Counselling process)	PO5 (Bio- social basis)
CO1: Stages & challenges of lifespan development	3	2	2	3	3
CO2: Counselling interventions for children (special needs, abuse, slow learning)	3	3	3	3	3
CO3: Psychosocial impact of family transitions & midlife counselling	3	3	3	3	3
CO4: Geriatric counselling (cognitive, emotional, elder issues)	3	3	3	3	3

PSY608: Case Studies

Program Outcomes (POs)

1. PO1: Knowledge of fundamental & modern changes in Psychology.
2. PO2: Ability to integrate theory and practice in Psychology.
3. PO3: Development of multi-skilled workforce in domain-specific fields.
4. PO4: Understanding of counseling processes.
5. PO5: Familiarity with biological and social underpinnings of human behavior.

Course Outcomes (COs)

1. CO1: Recall and define common psychological terms, symptoms, and counselling strategies found in clinical cases.
2. CO2: Describe the psychological rationale behind client behaviors and therapeutic approaches within a case study.
3. CO3: Demonstrate the ability to formulate a basic counselling plan, including goal setting and intervention selection, based on a given case.
4. CO4: Critically assess the outcomes of psychological counselling and suggest evidence-based improvements or alternative strategies.

CO–PO Mapping Table

Course Outcomes (COs)	PO1 (Knowledge)	PO2 (Theory– Practice)	PO3 (Multi- skilled workforce)	PO4 (Counseling process)	PO5 (Bio- social basis)
CO1: Recall psychological terms, symptoms & strategies	3	2	2	2	2
CO2: Rationale for behaviors & therapeutic approaches	3	3	2	3	3
CO3: Formulate a basic counselling plan (goals, interventions)	2	3	3	3	2
CO4: Critically assess counselling outcomes & suggest improvements	3	3	3	3	2