

**NIRMALA ARTS & SCIENCE COLLEGE,
MULANTHURUTHY**
(Affiliated to MG University, Kottayam)

DEPARTMENT OF PSYCHOLOGY

OUTCOME BASED EDUCATION

PROGRAMME OUTCOME, PROGRAMME SPECIFIC OUTCOME AND
COURSE OUTCOMES

PROGRAMME OUTCOMES

PO1: To acquaint with the major psychological principles, concepts, theoretical perspectives and various field in psychology.

PO2: To gain knowledge in psychology and how to apply psychological principles to personal, social, organizational, clinical, and developmental spheres.

PO3: To gain basic knowledge and skills to identify and diagnose mental disorders, as well as their causes, patterns of occurrence and to provide appropriate therapies.

PO4: To develop basic skills in conducting scientific researches in psychology field.

PO5: To gain familiarity in administering psychological tools and conducting psychological experiments.

PO6: To develop communication skills needed for a good psychologist.

PROGRAMME SPECIFIC OUTCOMES

PSO No.	<i>Expected Programme Specific Outcomes</i> <i>Upon completion of BSc. Psychology, the students will be able to:</i>	Cognitive Level	PO
1	Describe the psychological principles, theories and methods to recognize the complexity of human behaviour	U	1
2	Administer different psychological experiments to determine the nature of human behaviour and to develop a scientific temper	Ap	2,5
3	Explain the conceptual framework of the empirical research and develop the ability to conduct them	Ap	4
4	Explain the diagnostic criteria, symptoms, course, incidence, prevalence, etiology, prognosis and correlates of major mental disorders and learn the psychological, biological, and sociocultural theoretical perspectives of abnormal behaviour	U	3
5	Develop theories and methods of statistics and apply them to understand human behaviour.	Ap	4,5
6	Explain language as a communication system and acquire a technical vocabulary	Ap	6

COURSE OUTCOMES

SEMESTER 1

COURSE: PY1CR01 - FOUNDATIONS AND METHODS OF PSYCHOLOGY			
Category: Core	Lecture Hours: 7 Hrs.	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Describe the early evolution and the major perspective in psychology	U	1
2	Review various scientific methods in psychology	U	1
3	Discuss cognitive processes in terms of theories, models and applications	U	1
4	Explain the processes underlying human behaviour	U	1
5	Criticize various personality theories in psychology	Ev	1

COURSE: PY1CMT02- BODY SYSTEMS AND BEHAVIOR			
Category: Complementary	Lecture Hours: 2 Hrs.	Type: Theory	Credits: 2
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Describe various human body systems	U	1
2	Explain physiological basis for emotionality	U	1
3	Examine the field of physiology as a framework for understanding behaviour and mental processes	Ap	1,2
4	Criticize various theories of emotion	Ev	1

5	Summarize the working pattern of circulatory system in human body	Ev	1
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COURSE: PY1CMT03 - BASIC STATISTICS				
Category: Complementary		Lecture Hours: 3Hrs	Type: Practical	Credits: 2
CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO	
1	Explain the features and methods of statistics	U	1,5	
2	Examine the methods of census and sampling	Ap	1,5	
3	Examine an appropriate measure of central tendency	Ap	1,5	

SEMESTER 2

COURSE: PY2CRT04 BASIC COGNITIVE PROCESSES				
Category: Core		Lecture Hours: 7 Hrs	Type: Theory	Credits: 4
CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO	
1	Examine the psychological process behind memory	Ap	1	
2	Identify the process underlying cognition	U	1	
3	Describe the theoretical view of motivation and emotion	U	1	
4	Discuss various theories of intelligence	U	1	
5	Explain different theories of learning	U	1	

COURSE: PY2CMT05 BIOLOGICAL BASIS OF BEHAVIOUR II

Category: Complementary	Lecture Hours: 2 Hrs	Type: Theory	Credits: 2
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain Mendelian principles and modern concept of gene and gene action	U	1
2	Relate various disorders in the body with corresponding mutation	Ap	1
3	Describe the physiological basis of sexual Behaviour	U	1
4	Connect to the physiological changes happening in female body during sexual cycles.	An	1
5	Explain the hormonal, anatomical and physiological indicators of stress	U	1
6	Summarize the physiological basis of sleep and arousal	U	1

COURSE: PY2CMT06 STATISTICAL TOOLS			
Category: Complementary	Lecture Hours: 3 Hrs	Type: Theory	Credits: 2
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Compute measures of dispersion of a given data	Ap	1,5
2	Illustrate various moments and its interrelationships	Ap	1,5
3	Compute measures of skewness and kurtosis of a given data	Ap	5
4	Employ correlation and regression to examine the relationship between variables	Ap	1,5

SEMESTER 3

COURSE: PY3CRT07 LIVING IN THE SOCIAL WORLD			
Category: Core		Lecture Hours: 7 Hrs	Type: Theory
		Credits: 4	
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Discover the psychological processes behind human behaviour in a social setting	An	1
2	Explain the psychological aspects of various social phenomena	U	1,2
3	Apply theories of social psychology in everyday living	Ap	1,2
4	Predict human behaviour in social settings	Ev	1,2,3

COURSE: PY3CMT08 NEUROPHYSIOLOGY OF BEHAVIOUR			
Category: Complementary		Lecture Hours: 3 Hrs	Type: Theory
		Credits: 2	
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Describe the structure and function of different cells in the nervous system	U	1
2	Compare stages of communication within a neuron and neurotransmitter	An	1
3	Describe the structure, different parts and functions of brain.	U	1
4	Compare the divisions of autonomic nervous system	An	1
5	Explain the relationship between brain and behavior.	U	1

COURSE: PY3CMT09 STATISTICAL METHODS AND ELEMENTARY PROBABILITY			
Category: Complementary	Lecture Hours:3 Hrs	Type: Theory	Credits: 2
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Practice the probability theory to measure the uncertainty of a problem	Ap	1,5
2	Classify probability density function and distribution function of random variables	An	1,5
3	Illustrate binomial distribution and normal distribution	Ap	1,5

COURSE: PY3 P01 PSYCHOLOGY PRACTICALS-I			
Category: Core	Lecture Hours: 2 Hrs	Type: P	Credits: 1
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain the basic concepts of experimental psychology	U	2,3
2	Describe the theoretical concepts through experiments	U	1,2
3	Identify psychological instruments and techniques	U	2
4	Prepare plan for the administration	AP	2,3

SEMESTER 4

COURSE: PY4CRT10 SOCIAL INTERACTIONS AND HUMAN BEHAVIOUR				
Category: Core		Lecture Hours: 7 Hrs	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO	
1	Describe the psychological processes behind human behaviour in a social setting.	U	1,2	
2	Explain the psychological aspects of various social issues in the society and the nation	U	1	
3	Apply social psychology in everyday living	Ap	1,2	
4	Explain the measuring of human behaviour.	U	1,2,5	

COURSE: PY4CMT11 BIOPHYSIOLOGY OF BEHAVIOUR				
Category: Complementary		Lecture Hours: 3 Hrs	Type: Theory	Credits: 2
CO No.	Expected Course Outcomes Upon completion of this course, the students will be able to:		Cognitive Level	PSO
1	Discuss and generalise body's immune system and the types of immunity offered		U	1
2	Connect the functioning of body with the endocrine system		An	1
3	Explain the physiological mechanism of learning and memory		U	1
4	Describe the brain chemistry along with various receptors in the brain		U	1
COURSE: PY4CMT12 STATISTICAL INFERENCE				
Category: Complementary		Lecture Hours: 3 Hrs	Type: Theory	Credits: 2

CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Identify different types of hypothesis	An	1,5
2	Apply the most suitable parametric tests for testing hypothesis.	Ap	1,5
3	Calculate normal test for mean and variance	An	1,5

COURSE: PY4 P02 PSYCHOLOGY PRACTICALS-II			
Category: Core		Lecture Hours: 2 Hrs	Type: Practical
		Credits: 1	
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain the sensory experience and perceptual processes through experiments	Ap	1
2	Predict how perceptual process differs and affect higher mental abilities	Ev	1
3	Observe social psychological phenomenon in everyday life situations	An	1,2,3

SEMESTER 5

COURSE: PY5CRT13 ABNORMAL BEHAVIOUR			
Category: Core	Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Discover the history and meaning of abnormal behaviour.	U	1,2,4
2	Compare different classification systems	An	1,3,4
3	Differentiate various kinds of minor and major disorders	U	1,4
4	Discuss the causal patterns and treatments of disorder	U	1,4

COURSE: PY5CRT 14 FOUNDATIONS OF ORGANIZATIONAL BEHAVIOR			
Category: Core	Lecture Hours: 3 Hrs	Type: Theory	Credits: 3
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Describe the evolution of organisational behaviour and its foundations	U	1
2	Distinguish between various organisational designs at workplaces.	U	1
3	Identify various leadership styles and the role of leaders in a decision-making process	U	1
4	Explain group dynamics and illustrate skills required for team building.	U	1
5	Evaluate different theoretical models explaining individual behaviour related to motivation and rewards	Ev	1,2,3

COURSE: PY5CRT 15 ENVIRONMENTAL PSYCHOLOGY AND HUMAN RIGHTS			
Category: Core		Lecture Hours: 3 Hrs	Type: Theory
		Credits: 4	
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain how and why things happen, and make their own decisions about complex environmental issues	U	1
2	Explain how the decisions and actions of human beings affect the environment, build knowledge and skills necessary to address complex environmental issues	U	1
3	Develop positive attitude and values towards environment	Ap	1,2
4	Explain diverse information relevant to human-environment relationships and express them in the context of environmental psychology	U	1
5	Describe the concept of human rights and discuss them in the context of environmental psychology	U	1

COURSE: PY5OP2 LIFE SKILLS DEVELOPMENT			
Category: Open Course		Lecture Hours: 4 Hrs	Type: Theory
		Credits: 3	
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Discuss the foundations of life skills education for the promotion of psychological well-being healthy interaction and behaviour.	U	1
2	Develop abilities for adaptive and positive behaviour that enables individuals to deal effectively with the demands and challenges of everyday life	Ap	1
3	Convert knowledge, attitudes and values into actual abilities.	Ap	1,2

COURSE: PY5 P01 EXPERIMENTAL PSYCHOLOGY				
Category: Core		Lecture Hours: 8Hrs	Type: Practical	Credits: 8
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO	
1	Describe various psychological theories through experiment	Ap	1	
2	Develop the skills of observation and scientific reporting in psychology	Ap	1,2	
3	Prepare plan for the test administration	Ap	1,2,3	

COURSE: : PY5Pr01 EXPERIENTIAL LEARNING PROJECT			
Category: Core	Lecture Hours: 2Hrs	Type: Project	Credits:2
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Practice the concepts learned in the class room to real life situations	Ap	1,2,3,5
2	Asses research and its importance in experiential learning through case study	Ev	1,2,3,5

SEMESTER 6

COURSE: PY6CRT16 PSYCHOLOGY OF MALADAPTIVE BEHAVIOUR			
Category: Core	Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Prepare the students to know the causal pattern and the different therapeutic techniques in the management of personality, somatic symptom and dissociative disorders	U	1,4,6
2	Describe the symptoms of childhood disorders, substance dependence and neurocognitive disorders	U	1,4
3	Prepare the students for clinical assessments and diagnosis of various maladaptive behaviors	An	1,3,4

COURSE: PSY6 CRT17 MANAGING BEHAVIOR IN ORGANIZATION			
Category: Core	Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Observe human organizations and behaviour in organizations	U	1
2	Explain the psychological process underlying in an organization	U	1,3
3	Describe social responsibility and ethics of an organization	U	1,3,5

COURSE: PY6CRT18 CHILD DEVELOPMENT

Category: Core	Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Describe the process and Nature of child development	U	1
2	Relate the observations to current theories of child development	An	1,3
4	Evaluate various theoretical constructs explaining child development processes	Ev	1,2,3

COURSE: PY6CB01 THEORY AND PRACTICE OF COUNSELLING

Category: Choice - based	Lecture Hours: 3 Hrs	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain the process and techniques of counselling	U	1
2	Differentiate various approaches to counselling.	U	1,6
3	Evaluate the assumptions and issues of counselling and its applications.	Ap	1,2,6

COURSE: PY6 P02 PSYCHOLOGICAL ASSESSMENT

Category: Core	Lecture Hours: 8 Hrs	Type: Practical	Credits: 8
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Identify psychological instruments and techniques	An	1,2
2	Develop the skills of observation and scientific reporting in psychology	Ap	1,2,3
3	Develop interest in working in the community with a psychological outlook	Ap	1,2

COURSE: PY6 PR02 RESEARCH PROJECT

Category: Core	Lecture Hours: 2 Hrs	Type: Project	Credits: 2
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Construct research including literature review and generation of hypothesis	Cr	1,3,5
2	Formulate an appropriate research methodology	Cr	1,2,3,5
3	Produce final dissertation outcomes of a high professional standard	Cr	1,3,5