

DEPARTMENT OF PSYCHOLOGY

PREAMBLE

UG: Course Profile and the syllabi of courses offered in the III and IV semesters along with evaluation components III & IV (with effect from 2018 - 2021 batch onwards) are presented in this booklet.

PROGRAMME PROFILE B.Sc. (Psychology)

PSO 1 : Ability to understand the concept of Theories and principles in psychology.

PSO 2 : Acquiring the knowledge of laboratory skills in various concept in psychology.

PSO 3 : Understanding of the applications of psychology in different fields.

PSO 4 : Applying the knowledge of psychology in various fields.

Semester	Part	Category	Course code	Course Title	Hours per week	Credit	
						Min	Max
I	I	Language	UTAL105/ UTAL106/ UHIL101/ UFRL101	Basic Tamil I/ Advanced Tamil I/ Hindi I / French I	4	2	3
	II	English I	UENL107/ UENL108	General English I/ Advanced English I	5	3	4
	III	Core I	UPSM101	General Psychology I	6	5	5
		Core II	UPSM102	Developmental Psychology I	7	5	5
		Core III	UPSM103	Social Psychology I	6	5	5
	IV	Value Education			2	1	1
TOTAL					30	21	23
II	I	Language	UTAL205/ UTAL206/ UHIL201/ UFRL201	Basic Tamil II/ Advanced Tamil II/ Hindi II/ French II	4	2	3
	II	English II	UENL207/ UENL208	General English II/ Advanced English II	5	3	4
	III	Core IV	UPSM201	General Psychology II	5	5	5
		Core V	UPSM202	Developmental Psychology II	5	5	5
		Core VI	UPSM201	Social Psychology II	5	5	5
	IV	Non Major Elective	UPSE201	Psychology for Effective Living	4	2	2
		Soft skill			2	1	1
	V	Extension activity/ Physical Education/NCC			-	1	2
TOTAL					30	24	27

III	I	Language	UTAL307/ UTAL308/ UHIL301/ UFRL301	Basic Tamil III/ Advanced Tamil III/ Hindi III/ French III	4	2	3
	II	English III	UENL305/ UENL306	General English III/ Advanced English III	5	3	4
	III	Core VII	UPSR301	Experimental Psychology I	6	5	5
		Core VIII	UPSM301	Psychological Statistics	5	5	5
		Core IX	UPSM302	Theories of Personality	5	5	5
	IV	Online Course		NPTEL/ Spoken Tutorial	3	1	2
		Value Education			2	1	1
TOTAL					30	22	25
IV	I	Language	UTAL405/ UTAL406/ UHIL401/ UFRL401	Basic Tamil IV/ Advanced Tamil IV/ Hindi IV/ French IV	4	2	3
	II	English IV	UENL407/ UENL408	General English IV/ Advanced English IV	5	3	4
	III	Core X	UPSR401	Experimental Psychology II	6	5	5
		Core XI	UPSM401	Physiological Psychology	7	5	5
		Core XII	UPSM402	Research Methodology	6	5	5
	IV	Soft skill			2	1	1
	V	Extension activity/ Physical Education/NCC			-	-	2
TOTAL					30	21	25
V	III	Core XIII	UPSM501	Abnormal Psychology	6	5	5
		Core XIV	UPSM502	Educational Psychology	6	5	5
		Core XV	UPSM 503	Positive Psychology	5	5	5
		Core XVI	UPSM 504	Organizational Psychology	6	5	5
		Core XVII	UPSM 505	Psychological Testing	5	5	5
		Value education			2	1	1
TOTAL					30	26	26
VI	III	Core XVIII	UPSM 601	Clinical Psychology	6	5	5
		Core XIX	UPSM 602	Counselling Psychology	6	5	5
		Core XX	UPSM 603	Human Resource Development	5	5	5
		Core XXI	UPSM 604	Health Psychology	6	5	5
		Core XXII	UPSP 601	Project	5	5	5
	IV	Soft skill			2	1	1
	V	Extension activity/ Physical Education/NCC			-	-	2
TOTAL					30	26	28
GRAND TOTAL					180	140	154

**COURSES OFFERED TO OTHER DEPARTMENT
NON MAJOR ELECTIVE**

Semester	Part	Category	Course Code	Course Title	Contact Hour/Week	Credit	
						Min	Max
II	IV	Non Major Elective	UPSE201	Psychology for Effective Living	4	2	2

EXTRA CREDIT EARNING PROVISIONS

Semester	Category	Course Code	Course Title	Contact/Week	Credit	
					Min	Max
II	Core	UPSI201	Summer Internship	-	-	1
IV	Core	UPSI401	Summer Internship	-	-	1

UPSR301 EXPERIMENTAL PSYCHOLOGY I

Semester	: III	Credit	: 5
Category	: Core VII	Hours / Week	: 6
Class & Major	: II B.Sc. Psychology	Total Hours	: 78

Objectives

To enable the students

- Acquire knowledge of psychological instruments and techniques.
- Provide basic training in planning and conducting experiments.
- Facilitate the skills of observation and reporting through experiments.

UNIT- I SENSATION AND ATTENTION

Two Point Threshold – Kinaesthetic Sensitivity – Span of Attention – Division of Attention

UNIT- II PERCEPTION

Muller – yer Illusion – Size – weight Illusion – Depth Perception – Reaction time

UNIT- III LEARNING

Trial and Error Learning – Concept formation – Habit Interference – Paired Associate learning

UNIT- IV MEMORY

Immediate Memory Span –Wechsler Memory Scale –PGI Memory Scale –2 Experiments using Memory Drum

UNIT-V INTELLIGENCE

Seguin Form Board –Koh’s Block Design Test –Alexander Pass –along Test –Raven's Progressive Matrices Test

Note

- Each student have to complete a minimum of 12 experiments.
- Atleast two experiments from each unit.
- Duration of the end semester examination is 3 hours

Reference Books

- Anne Anastasi, Susana Urbina “*Psychological Testing*” 7th Edition pearson Publication, 2016.
- Rajamani.M. *Experimental Psychology with Advanced Experiments*, Concept Publishing Company New Delhi, 2005.
- Woodworth.R.S& Schlosberg. H *Experimental Biology*. NewYorkMethenand Co. Ltd, 1965.

UPSM301 PSYCHOLOGICAL STATISTICS

Semester : III
Category : Core VIII
Class & Major : II B.Sc. Psychology

Credit : 5
Hours / Week : 5
Total Hours : 65

Objectives

To enable the students

- Understand various statistical techniques in terms of their assumptions, application, and limitations.
- Acquire competencies to organize data for manual and computer analysis.
- Applying elementary competencies in using computer packages of statistical analyses.

UNIT- I INTRODUCTION

12 Hrs

Meaning and Definition of Statistics – Nature and Scope of Statistics – Uses and Limitations of Statistics – Application of Statistics in Psychology Meaning and Definition of variable – Dependent variable – Independent variable – Descriptive Statistics – Inferential Statistics

UNIT- II ORGANIZATION OF DATA INTRODUCTION**13 Hrs**

Meaning of Enquiry – Planning and Designing of Enquiry – Primary Data – Secondary Data – Framing a schedule – Classification and Tabulation of Data – Frequency Distribution. Diagrammatic and Graphical Representation of Data

UNIT- III MEASURES OF CENTRAL TENDENCY**13 Hrs**

Meaning and Purpose of Measures of Central Tendency – Characteristics and Types of Measures – Characteristics and Uses of Mean, Median and Mode – Computation of Mean – Median and Mode Meaning – Purpose and Uses of Percentiles and Percentile Ranks

UNIT- IV TEST OF MEAN DIFFERENCES**13 Hrs**

Measurements of Variability – Range Quartile Deviations – Mean Deviation – Standard Deviation.

UNIT- V TEST OF ASSOCIATION**14 Hrs**

Meaning, purpose and assumptions of Analysis of variance – One way ANOVA – Chi square – Meaning and Characteristics of Correlation – Types of Correlation – Person's Product Moment Correlation – Spearman's Rank order Correlation.

Text Books

- Garrett, H. E, *Statistics in Psychology and Education*, 6th ed. New Delhi: Paragon International Publishers, 2004.
- Mangal, S. K. *Statistics in Psychology and Education*. 2nd ed. New Delhi: Prentice Hall, 2004.

Reference Books

- Arthur Aron, Elliot J. Coups, Elaine N. Aron. *Psychological Statistics* 6th Edition. Pearson Publication, 2013. .
- Guilford, J. P., & Fruchter. *Fundamental Statistics in Psychology and Education*. 6th ed. Singapore: McGraw Hill, 1987.
- Girija, M., Sasikala, L., & Girija. *Introduction to Statistics*. 1st ed. New Delhi: Vrinda Publications, 2004.
- Bhandarkar, K. M, *Statistics in Education*. 1st ed. Hyderabad: Neelkamal 2006.
- Kumar, P, *Psychological Statistics*. 1st ed. Jaipur: Aavishkar Publishers, 2006.

UPSM302 THEORIES OF PERSONALITY

Semester : III
Category : Core IX
Class & Major : II B.Sc. Psychology

Credit : 5
Hours / Week : 5
Total Hours : 65

Objectives

To enable the students

- Understand the various concept in personality.
- Know the theories of personality.
- Facilitate knowledge on the personality.

UNIT- I INTRODUCTION TO THEORIES OF PERSONALITY 13 Hrs

Meaning of personality – Define of personality – Theory and Its Relatives – Definition of theory – research in personality theory.

UNIT- II PSYCHODYNAMIC THEORIES 13 Hrs

Freud:Psychoanalysis – Adler:Individual Psychology – Jung:Analytical Psychology – Horny: Psychoanalytical Social Theory – Fromm:Humanistic Psychoanalysis.

UNIT- III HUMANISTIC & EXISTENTIAL THEORIES 13 Hrs

Maslow: Holistic Dynamic theory – Maslow’s view of motivation – Self – Actualization
Rogers: Person – Centered theories – May: Existential Psychology.

UNIT- IV TRAIT & FACTOR THEORIES 13 Hrs

Allport – Eysenck – Cattle – McCrae & Costa’s theories

UNIT - V LEARNING THEORIES 13 Hrs

Behavioral Analysis – Skinner – Social Cognitive Theory – Bandura. – Rotter & Kelly

Text Book

- Jess Feist Gregory J. Feist, *Theories of Personality* 7ed McGraw-Hill Education – Europe, 2008.

Reference Books

- Duane P. Schultz, Sydney Ellen Schultz. *Theories of Personality* 9th ed. Wadsworth, Cengage Learning, 2008.
- Calvin S. Hall Gardner Lindzey John B. *Theories of Personality* 4th Edition Campbell Wiley india Pvt. Ltd, 2008.
- Richard M. Ryckman. *Theories of Personality*, 10e Cengage Learning, Inc, 2013.

UPSR401 EXPERIMENTAL PSYCHOLOGY II

Semester : IV
Category : Core IX
Class & Major : II B.Sc. Psychology

Credit : 5
Hours / Week: 6
Total Hours : 78

Objectives

To enable the students

- Understand the various psychological concepts of testing
- Knowing tests to measure psychological concepts
- Learn the skill of administering psychological tests

UNIT- I MOTIVATION & EMOTION

Level of Aspiration – Picture frustration – Emotional intelligence test – Locus of control

UNIT- II INTERST & APTITUDE TEST

Thurstone interest schedule – Differential aptitude test – Test of personal values – Test of Verbal & Non verbal reasoning

UNIT- III PERSONALITY

Neo-PI-16 PF-Jung's word Association Test – Projective test (TAT or Rorschach Ink Bottle Test)

UNIT- IV STRESS / ADJUSTMENT / MENTAL HEALTH

Stress Coping Test – Stress – Trait Anxiety - Mental Health – Adjustment Inventory for College Students

UNIT- V CREATIVITY & LEADERSHIP

Passi Test of Creativity – Non-Verbal Test of Creative Thinking – Leadership Preference Scale – Decision Making Scale

Note

- Each student have to complete a minimum of 12 experiments.
- Atleast two experiments from each unit.
- Duration of the end semester examination is 3 hours

Reference Books

- Anne Anastasi, Susana Urbina, *Psychological Testing* 7th Edition pearson Publication, 2016.
- Rajamani.M, *Experimental Psychology with Advanced Experiments*, New Delhi. Concept Publishing Company 2005.
- Woodworth.R.S& Schlosberg. H, *Experimental Biology*. NewYorkMethenand Co. Ltd, 1965.

UPSM401 PHYSIOLOGICAL PSYCHOLOGY

Semester	: IV	Credit	: 5
Category	: Core XI	Hours / Week	: 7
Class & Major	: II B.Sc. Psychology	Total Hours	: 91

Objectives

To enable the students

- Understand about the biological basis of behavior..
- Gain basic knowledge about physiology nervous system, endocrine system, sensory processes and muscles
- Promote the understanding of the physiology of learning, memory, motivation emotion, etc.

UNIT- I INTRODUCTION TO BIOPSYCHOLOGY

16 Hrs

Biopsychology – Definition – Meaning – Human Consciousness –Biological Roots of Behavioral Neuroscience – Functionalism and the Inheritance of Traits – Nervous – Neural Communication – Structure of Synapses – Release of Neurotransmitter

UNIT- II BRAIN AND NERVOUS SYSTEM

20 Hrs

Basic Features of the Nervous System – The Central Nervous System: Development of the Central Nervous System – The Forebrain – The Midbrain –The Hindbrain – The Spinal Cord – The Peripheral Nervous System: Spinal Nerves – Cranial Nerves – The Autonomic Nervous System.

UNIT- III VISION AND AUDITION, BODY OF SENSES, AND THE CHEMICAL SENSES

17 Hrs

Anatomy of the Visual System – Anatomy of the Visual System – Analysis of Visual Information: Role of the Striate Cortex – Analysis of Visual Information: Role of the Visual Association Cortex. Audition – Vestibular System – Somatosenses – Gustation – Olfaction

UNIT- IV SLEEP AND BIOLOGICAL CIRCADIAN RHYTHMS

20 Hrs

A Physiological and Behavioral Description of Sleep: Disorders of Sleep – Physiological Mechanisms of Sleep and Waking – Biological Clocks.

UNIT- V LEARNING, MEMORY AND EMOTION

18 Hrs

The Nature of Learning – Synaptic Plasticity – Long – Term Potentiation and Long – Term Depression – Perceptual Learning – Classical Conditioning – Instrumental Conditioning – Relational Learning – Emotion as Response Patterns – Communication of Emotion – Feelings of Emotion

Text Book

- Carlson, N.R. *Physiology of behavior*, 11th edition London: Allen and Bacon, 2012.

Reference Books

- Carlson, N. R. *Foundations of Physiological Psychology*, 6th Edition. Pearson Education, New Delhi, 2009.

- Schneider, A. M. & Tarshis, *Physiological Psychology*. New York: Random House, 1975.
- Levinthal, C. F. *Introduction to Physiological Psychology*. New Delhi: PHI, 1983.

UPSM402 RESEARCH METHODOLOGY

Semester	: IV	Credit	:5
Category	: Core XII	Hours / Week	:6
Class & Major	: II B.Sc. Psychology	Total Hours	:78

Objectives

To enable the students

- Understand the different stages of research
- Develop insight into the various research methods
- Apply appropriate research tools to acquire the skill of reporting the research

UNIT- I INTRODUCTION OF RESEARCH 12 Hrs

Definition–Principles – Meaning & Importance – Type of Research – Research Methods versus Methodology – Variables – Meaning of Types.

UNIT- II RESEARCH PROBLEM AND RESEARCH DESIGN 17 Hrs

Research Problem – Selecting of Problem – Defining the Problem – Technique Involved in Defining a Problem.

Meaning – Need for Research Design – Features of a Good Design – Important Concepts Relating to Research Design – Different Research Design – Basic Principles of Experimental Designs – Important Experimental Design.

UNIT- III SAMPLING AND DATA COLLECTION 17 Hrs

Sample Design – Sampling and Non-Sampling Error – Sample Survey Vs. Census Survey – Types of Sampling Design – Non-Probability Sampling – Probability Sampling – Complex Random Sampling Designs.

Collection of Primary Data – Collection of Secondary Data – Selection of Appropriate Method for Data Collection – Case study Method.

UNIT- IV TESTING OF HYPOTHESIS 17 Hrs

Definition – Meaning – Concepts – Testing of Hypothesis – Type-I & II Error – Limitation.

UNIT- V INTERPRETATION AND REPORT WRITING 15 Hrs

Meaning of Interpretation – Techniques of Interpretation – Precautions in Interpretation – Significance of Report Writing – Writing a Research Report

Text Book

- Kothari, C.R.. *Research Methodology – Methods and Techniques*. New Delhi: Wiley Eastern Ltd, 2008.

Reference Books

- Kundu. *Research Methodology*. New Delhi: Pearson Publishing 2010.
- Myers, J. *Methods in Psychological Research*. New Delhi: Sage Publication, 2008.
- Coaley, K, *An Introduction to Psychological Assessment and Psychometrics*. New Delhi: Sage Publications, 2009.
- Coolican, H. *Research Methods in Statistics in Psychology*. New Delhi: Rawat Publications, 2009.
- Ranjith Kumar. *Research Methodology* 3rd Ed, Sage publication 2009.

III and IV EVALUATION COMPONENTS OF CIA

Semester	Category	Course Code	Course Title	Component III	Component IV
III	Core VIII	UPSM 301	Psychological Statistics	Assignment	Seminar
	Core IX	UPSM 302	Theories of Personality	Assignment	Seminar
IV	Core XI	UPSM401	Physiological Psychology	Assignment	Seminar
	Core XII	UPSM402	Research Methodology	Assignment	Seminar

UPSR301- EXPERIMENTAL PSYCHOLOGY I/ UPSR401- EXPERIMENTAL PSYCHOLOGY II

Semester : III/IV
Category : Core VII/IX
Class & Major : II B.Sc. Psychology

Credit : 5
Hours / Week : 5
Total Hours : 65

Criteria	Evaluation		Total
	CIA (60 marks)	ESE (40 marks)	CIA + ESE (100 marks)
CIA I	10	-	60
CIA II	10	-	
Daily Practical Assessment (DPA)	30	-	
Viva Voce	10	-	
Record	-	20	40
Result	-	10	
Viva Voce	-	10	