

# Thiagarajar College

(An Autonomous Institution Affiliated to Madurai Kamaraj University)  
Re-Accredited with 'A' Grade by NAAC



## ***Thirty Ninth Academic Council Meeting***

### **Department of Psychology**

**Dr. Rm. Murugappan**  
**Dean – Curriculum Development**



## **Programme outcome-PO (Aligned with Graduate Attributes)- Bachelor of Science (B.Sc.)**

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### **Scientific Knowledge and Critical Thinking**

Apply the knowledge of Life Science, Physical and Chemical Science, Mathematics, statistics, Computer science and humanities for the attainment of solutions to the problems that come across in our day-to-day life/activities.

### **Problem Solving**

Identify and analyze the problem and formulate solutions for problems using the principles of mathematics, natural sciences with appropriate consideration for the public health, safety and environmental considerations.,

### **Communication and Computer Literacy**

Communicate the fundamental and advanced concepts of their discipline in written and oral form. Able to make appropriate and effective use of information and information technology relevant to their discipline

### **Life-Long Learning**

Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

### **Ethical, Social and Professional Understanding**

Commitment to principles, codes of conduct and social responsibility in order to behave consistently with personal respect. Acquire the responsibility to contribute for the personal development and for the development of the community. Respect the ethical values, social responsibilities and diversity.

### **Innovative, Leadership and Entrepreneur Skill Development**

Function as an individual, and as a member or leader in diverse teams and in multidisciplinary settings. Become an entrepreneur by acquiring technical, communicative, problem solving, and intellectual skills.

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## ***Thirty Ninth Academic Council Meeting***

### **Department of Psychology**

**Dr. Rm. Murugappan**  
**Dean – Curriculum Development**





# **B.Sc. Psychology**

**Programme Code - UPS**





**THIAGARAJAR COLLEGE, MADURAI – 9.**  
**(Re-Accredited with A Grade by NAAC)**  
**B.Sc., Psychology**  
**Programme Code - UPS**

**Vision:**

- Empower the student community to realize their true potential by acquiring core subject knowledge and time relevant psychological skills that enables them to achieve success in their professional careers.

**Mission:**

- To provide a foundation for the scientific understanding of behaviour and mental processes.
- To foster a conducive environment where students and faculty collaborate in basic and applied research to advance scientific knowledge.
- To inspire the students to resonate and channelize their thoughts and encourage them to choose their areas of interest from the different fields of Psychology.
- To develop sensitivity to psychological dynamics for better individual and societal wellbeing.

**Programme Educational Objectives (PEOs)**

The objectives of this programme are to equip/prepare the students:

<b>PEO1</b>	To identify a suitable career in the field of Psychology and achieve self-growth with a rewarding professional experience.
<b>PEO2</b>	To realize that they are a part of larger society and it is their rightful duty to serve the community by offering psychological support through proficient counselling and therapy.
<b>PEO3</b>	To comprehend and appreciate the importance of research and to come up with novel concepts and ideations across the fields of Psychology
<b>PEO4</b>	To lead a fulfilling and satisfying personal life by imbibing the true essence of Psychological principles.
<b>PEO5</b>	To be an inspiration to the next generation of growing psychologists.

**Program Specific Outcomes (PSOs)**

On the successful completion of B.Sc., Psychology Programme, the students will

<b>PSO1</b>	Impart in-depth knowledge and critical thinking in various fields of Psychology
<b>PSO2</b>	Able to collect, analyse and interpret the data in an applied or laboratory setting
<b>PSO3</b>	Analyse the causes and concerns behind the major psychological issues
<b>PSO4</b>	Comprehend the core concepts, methods and practices in Psychology
<b>PSO5</b>	Possess knowledge on vast application and use of psychological concepts through means like advertisement, social media, marketing strategies etc.



**THIAGARAJAR COLLEGE, MADURAI – 9.**  
**(Re-Accredited with ‘A’ Grade by NAAC)**  
**Department of Psychology**  
**Bachelor of Science-Psychology - Course Structure**  
**(w.e.f. 2020 batch onwards)**  
**Programme code: UPS**  
**Semester – I**

Course	Code No	Subjects	Hrs/week	Credit	Total Hrs	Max Marks CA	Max Marks SE	Total
Part – I	U20P111	இக்கால இலக்கியம்	6	3	90	25	75	<b>100</b>
Part – II	U20EN11	English for Comm. I	6	3	90	25	75	<b>100</b>
Core – I	UPS20C11	Basic psychological processes	5	5	90	25	75	<b>100</b>
Core – II	UPS20C12	Health psychology	5	5	75	25	75	<b>100</b>
Generic Elective: I	UPS20GE11	Physiological Psychology	6	5	90	25	75	<b>100</b>
AECC1	U20ES11	Environmental Studies	2	2	30	15	35	<b>50</b>
<b>Total</b>			<b>30</b>	<b>23</b>				

**Semester – II**

Course	Code No	Subjects	Hrs /week	Credits	Total Hrs	Max Marks CA	Max Marks SE	Total
Part – I	U20P121	பக்தி இலக்கியமும் சிற்றிலக்கியமும்	6	3	90	25	75	<b>100</b>
Part – II	U20EN21	English	6	3	90	25	75	<b>100</b>
Core – III	UPS20C21	Advanced Psychological Processes	6	5	90	25	75	<b>100</b>
Core Lab I	UPS20CL21	Experimental Psychology-1	4	2	60	40	60	<b>100</b>
Generic Elective: II	UPS20GE21	Social Psychology	6	5	90	25	75	<b>100</b>
AECC2	U20VE21	Value education	2	1	30	15	35	<b>50</b>
<b>Total</b>			<b>30</b>	<b>19</b>				

### Semester – III

Course	Code No.	Subjects	Hrs/week	Credits	Total Hrs	Max Marks CA	Max Marks SE	Total
Part – I	U20P131	Tamil	6	3	90	25	75	<b>100</b>
Part – II	U20EN31	English for Comm. III	6	3	90	25	75	<b>100</b>
Core – IV	UPS20C31	Educational Psychology	5	5	75	25	75	<b>100</b>
Core – V	UPS20C32	Development Across Lifespan - I	5	5	75	25	75	<b>100</b>
Generic Elective: III	UPS20GE31	Marketing and Consumer Behaviour	6	5	90	25	75	<b>100</b>
NME I	UPS20NE31	Stress and Stress management	2	2	30	15	35	<b>50</b>
<b>Total</b>			<b>30</b>	<b>23</b>				

### Semester -IV

Course	Code No	Subjects	Hrs/week	Credits	Total Hrs	Max Marks CA	Max Marks SE	Total
Part – I	U20P141	Tamil	6	3	90	25	75	<b>100</b>
Part - II	U20EN41	English for	6	3	90	25	75	<b>100</b>
Core – VI	UPS20C41	Development Across Life Span -II	6	6	75	25	75	<b>100</b>
Core Lab – II	UPS20CL41	Experimental Psychology-II	4	2	45	40	60	<b>100</b>
Generic Elective: IV	UPS20GE41	Research Methodology and Psychological Statistics	6	5	90	25	75	<b>100</b>
NME II	UPS20NE41	Counseling and Guidance	2	2	30	15	35	<b>50</b>
<b>Total</b>			<b>30</b>	<b>21</b>				

## Semester-V

Course	Code No.	Subjects	Hrs/ week	Credits	Total Hrs	Max Marks CA	Max Marks SE	Total
Core VII	UPS20C51	Psychopathology -I	6	6	90	25	75	<b>100</b>
Core VIII	UPS20C52	Criminal Psychology	5	4	75	25	75	<b>100</b>
Core IX	UPS20C53	Organizational Behaviour	5	4	75	25	75	<b>100</b>
Core X	UPS20C54	Perspectives on Personality	6	6	75	25	75	<b>100</b>
Core elective I	UPS20CE51	Gender Psychology	6	5	75	25	75	<b>100</b>
SEC I	UPS20SE51 (A/B/C)	Basics of computer applications/ Internet Security/Social Media Psychology	2	2	30	15	35	<b>50</b>
<b>Total</b>			<b>30</b>	<b>27</b>				

## Semester-VI

Course	Code No	Subjects	Hrs/ week	Credits	Total Hrs	Max Marks CA	Max Marks SE	Total
Core-XI	UPS20C61	Psychopathology -II	6	6	90	25	75	<b>100</b>
Core-XII	UPS20C62	Sports Psychology	5	4	75	25	75	<b>100</b>
Core-XIII	UPS20C63	Psychological Assessment	5	4	75	25	75	<b>100</b>
Core -XIV	UPS20C64	Counselling and Psychotherapy	5	4	75	25	75	<b>100</b>
Project	UPS20PJ61	Experimental Psychology-III	2	1	30	40	60	<b>100</b>
Core Elective II	UPS20CE61	Positive Psychology	5	5	75	25	75	<b>100</b>
SEC II	UPS20SE61 (A/B/C)	Life skills/ Transactional analysis/ Human Resource Management	2	2	30	15	35	<b>50</b>
<b>Total</b>			<b>30</b>	<b>26</b>				
<b>Part V</b>		<b>NSS/PE/YRC/VE</b> ....	<b>-</b>	<b>1</b>		<b>75</b>	<b>25</b>	<b>100</b>

**A) Consolidation of contact hours and credits :UG**

Semester	Contact Hrs/ Week	Credits
I	30 hrs.	23
II	30 hrs.	19
III	30 hrs.	23
IV	30 hrs.	21
V	30 hrs	27
VI	30 hrs.	26
Part V	---	01
<b>Total</b>	<b>180</b>	<b>140</b>

**B) Curriculum Credits :Part wise**

		No of Papers	Credits per papers	Total Credits
<b>Part I</b>	<b>Tamil</b>	<b>4</b>	<b>3</b>	<b>12</b>
<b>Part II</b>	<b>English</b>	<b>4</b>	<b>3</b>	<b>12</b>
			<b>Sub Total</b>	<b>24</b>
<b>Part III</b>	<b>Core Theory</b>	<b>14</b>	<b>4/5</b>	<b>68</b>
	<b>Core lab</b>	<b>3</b>	<b>2</b>	<b>06</b>
	<b>Core elective Theory</b>	<b>2</b>	<b>5</b>	<b>10</b>
	<b>Generic elective Theory</b>	<b>4</b>	<b>5</b>	<b>20</b>
			<b>Sub Total</b>	<b>104</b>
<b>Part IV</b>	<b>AECC</b>	<b>2</b>	<b>2+1</b>	<b>03</b>
	<b>NME</b>	<b>2</b>	<b>2</b>	<b>04</b>
	<b>SEC</b>	<b>2</b>	<b>2</b>	<b>04</b>
			<b>Sub Total</b>	<b>11</b>
<b>Part V (NSS/NCC/ PE)</b>				<b>01</b>
<b>Grand Total</b>				<b>140</b>

**NOTE**

A project work will be undertaken by the students during the VI semester for a period of 6 weeks in an industry/educational institution/mental health clinics. Out of the maximum 100 marks allotted for the project report submitted by the students, 60 marks are allocated for the report to be evaluated by the respective supervisor and 40 marks for viva-voce examination to be conducted by the department

**Thiagarajar College (Autonomous): Madurai – 625 009**  
**Department of Psychology**  
 (For those joined B.Sc. Psychology on or after June 2020)  
**Programme code: UPS**

Course Code	Course Title	Category	L	T	P	Credit
UPS20C11	Basic Psychological Processes	Core-I	5	-	-	5

Year	Semester	Int. Marks	Ext. Marks	Total
First	First	25	75	100

### Preamble

This course comprehends the fundamental processes underlying human behaviour such as Sensation, Perception, Consciousness and Learning.

### Course Outcomes

On the completion of the course the student will be able to

	Course outcomes	Knowledge Level
CO1	Define the Basic concepts of Psychology related to Human behaviour.	K1
CO2	Summarize the different areas of Psychology.	K2
CO3	Outline the Modern perspectives in Psychology	K2
CO4	Create an awareness of the role of Psychologists in Society	K3
CO5	Identify and apply the Basic knowledge about theories and processes involved in Sensation, Perception, Consciousness and Learning.	K3

**K1: Knowledge K2: Understand K3: Apply**

### Mapping of Course Outcomes with Programme Specific Outcomes

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	-	S	S	M
CO2	S	-	L	M	M
CO3	-	-	M	-	-
CO4	M	L	M	-	M
CO5	-	S	L	M	-

### Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	S	L	-	-	M	-
CO2	-	M	M	M	M	M
CO3	S	-	-	M	-	M
CO4	S	-	-	S	S	L
CO5	M	S	M	-	S	-

## Blooms taxonomy: Assessment Pattern

	CA		End of Semester
	First	Second	
<i>Knowledge</i>	40%	40%	40%
<i>Understand</i>	40%	40%	40%
<i>Apply</i>	20%	20%	20%

### Course Title: Basic Psychological Processes

#### Unit I: Introduction to Psychology

Definition of Psychology. Origin of Psychology. Philosophical origins: Early Indian and Greek thoughts, Major ideas of Descartes, Locke. Modern perspectives of psychology: Psychodynamic, Behavioural, Humanistic, Biopsychology, Cognitive, Socio-cultural, Evolutionary. Scope of Psychology.

#### Unit II: Sensation

Sensation – Meaning. Vision: Perceptual properties of light– Structure and functions of the eye – Colour vision. Hearing: Perception of sound - Structure and functions of the ear – Perceiving pitch-types of hearing impairments. Other senses: Gustation – Olfaction – Kinesthetic sense.

#### Unit III: Perception

Perception – Meaning. The perceptual constancies: Size constancy – Shape constancy – Brightness constancy. The Gestalt principles of perception: Figure-ground – Proximity – Similarity – Closure – Continuity - Contiguity. Depth perception: Monocular cues – binocular cues. Perceptual illusions – Factors influencing perception.

#### Unit IV: Consciousness

Consciousness – Definition. Sleep – Necessity and purpose of sleep – Stages of Sleep – Sleep disorders: Insomnia – Sleep apnea – Narcolepsy. Dreams – Freud’s interpretation of dreams: Manifest content – Latent content. Hypnosis: Steps in hypnotic induction – myths about hypnosis – Theories of hypnosis - the Influence of psychoactive drugs.

#### Unit V: Learning

Learning – Meaning. Theories of learning: Classical conditioning – Elements of classical conditioning – Pavlov’s classical experiment. Operant conditioning: Thorndike’s law of effect – B.F. Skinner’s experiment – Concepts in operant conditioning. Kohler’s insight learning – Bandura’s observational learning – Tolman’s latent learning.

#### Text Book:

1. Ciccarelli, K.S and Meyer, E.G. (2016). *Psychology*. 5<sup>th</sup> ed. New Delhi: Dorling Kindersley Pvt, Ltd.

#### Reference:

1. S. K. Mangal (2020) *General Psychology*, sterling publishers private limited.
2. Morgan, C.T., King, R.A., Weisz, J. R., & Schopler, J. (2015). *Introduction to Psychology*. 7th ed. New Delhi: Tata McGraw Hill.
3. Feldman, S.R. (2010). *Understanding Psychology*. 10<sup>th</sup> ed. New Delhi: Tata Mc Graw Hill.
4. Mishra, B. K. (2008). *Psychology; The study of human behaviour*. New Delhi: Prentice
5. Hall of India.
6. Baron, R. A. (2004). *Psychology*, 5<sup>th</sup> ed. New Delhi: Pearson Education.



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**Department of Psychology**  
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**Programme code: UPS**

Course Code	Course Title	Category	L	T	P	Credit
UPS20C12	Health Psychology	Core-II	5	-	-	5

Year	Semester	Int. Marks	Ext. Marks	Total
First	First	25	75	100

### Preamble

The course elaborates the Psychosocial process that influence health and health care delivery.

### Course Outcomes

As a result of successfully completing this course, the student will be able to the following:

	Course outcomes	Knowledge level
CO1	Recognise the basic issues related to Human Health	K1
CO2	Analyse the Health Issues from Biological , Psychological and Social perspectives	K2
CO3	Evaluate the Importance of Research findings in Health Psychology in contemporary Social living	K2
CO4	Analyse and attempt to improve the Health care system and Health care policy .	K3
CO5	Focus on Health Promotion , Health prevention and Psychotherapeutic Interventions	K3

**K1: Knowledge      K2: Understand      K3: Apply**

### Mapping of Course Outcomes with Programme Specific Outcomes

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	L	M	M	-	-
CO2	M	-	S	L	-
CO3	-	L	S	-	M
CO4	M	L	M	-	M
CO5	S	M	M	-	M

### Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	S	L	-	-	-	L
CO2	-	-	M	-	-	-
CO3	-	S	M	S	-	L
CO4	M	M	S	-	-	M
CO5	S	-	-	S	-	S

### Blooms taxonomy: Assessment Pattern

	CA		End of Semester
	First	Second	
<i>Knowledge</i>	40%	40%	40%
<i>Understand</i>	40%	40%	40%
<i>Apply</i>	20%	20%	20%

**Unit I: Introduction**

Health Psychology – Definition, Mind Body Relationship – Biopsychosocial Model in Health Psychology, Need for Health Psychology, Application of Health Psychology – Practice and Research

**Unit II: Health Behaviours and Prevention**

Healthy Behaviours – Health Habits – Changing Health Habits: Transtheoretical Model of Behaviour change, Theory of Planned Behaviour, Health Belief Model – Venues for Health Habit Modification Health Enhancing Behaviours: Proper diet, Exercise, Sleep and Accident Prevention and. Health Compromising Behaviours: Smoking, Alcohol and Interventions to reduce Behaviours.

**Unit III: Stress and Coping**

Stress – Theories of Stress: Fight or flight Theory, Selye’s General Adaptation Syndrome - Sources of Stress - Chronic Stress and Health.Coping with Stress –Personality and Coping , Coping Resources and Interventions : Mindfulness Training , Expressive Writing , Relaxation Training and Stress Management Program

**Unit IV: Health services**

Patient Provider Relationship -Improving Communication and reducing Non adherence Management of pain and discomfort: Clinical issues in pain management – Acute & Chronic Pain , Pain control Techniques .

**Unit V: Management of Serious Illness**

Coping with Chronic Illness: Strategies and Psychological Interventions, Psychological Management of Illness, Alternatives to Hospital – Hospice and Home Care. Psychoneuroimmunology -Negative Affect and Immune Functioning.

**Text Books:**

1. Taylor S.E. (2012). *‘Health Psychology’*10<sup>th</sup> edition , New Delhi :Tata McGraw Hill. Print
2. Ogden , J.(2009) . *‘Health Psychology’*6<sup>th</sup> edition New Delhi:Tata McGraw Hill. Print

**References:**

1. Gosh , M. (2014) .Health Psychology :Concepts in Health and Wellbeing .New Delhi :Pearson .print
2. Marks, D.F.& Murray .M. (2010). *‘Health Psychology -Theory , Research &Practice’* .New Delhi : SAGE publication .print

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 (For those joined B.Sc. Psychology on or after June 2020)  
**Programme code: UPS**

Course Code	Course Title	Category	L	T	P	Credit
UPS20GE11	Physiological Psychology	Generic Elective: I	5	1	-	5

Year	Semester	Int. Marks	Ext. Marks	Total
First	First	25	75	100

### Preamble

The Course is designed:

- To Acquire the Basic Knowledge for further Learning and Experience in the Fields Physiological Psychology and Psychophysiology.
- Identify the Physiological Foundations of Behaviour with regard to Brain Dynamics, Emotions, Learning and Stress.

### Course Outcomes

As a result of successfully completing this course , the student will be able to the following :

	Course outcomes	Knowledge level
CO1	Distinguish Structure and Functions of the Nervous System	K1
CO2	Learn the Fundamentals of Biological Basis of Behaviour	K1
CO3	Relate Principles of Physiological response Mechanism to Aspects of Adaptation in Personality , Behaviour in Health and Disease	K2
CO4	Analyse and Recognise the Relations between Psychological Process and Somatic Adaptive Responses and Compare various Theories	K2
CO5	Identify different Brain Imaging Techniques used in Neurophysiology.	K3

**K1: Knowledge      K2: Understand      K3: Apply**

### Mapping of Course Outcomes with Programme Specific Outcomes

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	L	-	-
CO2	-	-	M	-	-
CO3	S	-	S	L	-
CO4	S	L	L	-	L
CO5	M	S	-	-	-

### Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	L	M	L	-	-	-
CO2	S	-	M	L	-	-
CO3	-	S	S	M	L	M
CO4	M	-	S	M	M	-
CO5	M	S	-	L	-	L

### Blooms taxonomy: Assessment Pattern

	CA		End of Semester
	First	Second	
<i>Knowledge</i>	40%	40%	40%
<i>Understand</i>	40%	40%	40%
<i>Apply</i>	20%	20%	20%

**Unit I: Introduction**

Roots of Physiological Psychology: Understanding Human Consciousness - Physiological and Psychological Approach, Nature of Physiological Psychology, Natural Selection and Evolution Methods and Research in Physiological Psychology and Assessment of Neurological Function : Experimental Ablation, Recording and Stimulating Neural Activity, Neurochemical Methods, Genetic Methods.

**Unit II: Nervous system**

Structure and Functions of Nervous System: Cells of the Nervous System, Communication within and between a Neuron. Structure of Nervous System: Central Nervous System – Brain and Spinal Cord and Peripheral Nervous System -Spinal and Cranial Nerves, Autonomic Nervous System .

**Unit III: Glandular control of Behaviour**

Types of Glands and their Functions, Endocrine System and Role in Behaviour. Neurotransmitters and Neuromodulators -Acetylcholine, Monoamines, Amino Acids,Peptides,Lipids, Nucleosides and Soluble Gases.

**Unit IV: Physiology of Emotion**

Emotion: Emotion as a Response pattern, Communication of Emotion - Innate Response, Neural Basis of Communication of Emotions : Recognition and Expression .

**Unit V: Physiology of Learning, Memory and Communication**

Anatomy of Learning. Cellular Basis of Learning. Human Communication :Speech Production and Comprehension , Disorders of Reading and Writing .

**Text Books:**

1. Carlson N.R. (2013). Foundations of Physiological Psychology (7<sup>th</sup> edition) New Delhi :Pearson Education Pvt . Ltd. Print  
Schneider , A.M & Tarshis(2017) , Elements of Physiological Psychology(3rd edition ):New York :Random house

**References:**

1. Dr. James W. Kalat's. (2014).*Biological Psychology*, (11<sup>th</sup>ed.). International edition.
2. Leukel, F.(2005). *Introduction to Physiological Psychology*. 3<sup>rd</sup>edCBS publishing company, New Delhi.
3. Levinthal, C.F. (1996). *Introduction to Physiological Psychology* (3<sup>rd</sup>ed.)Prentice-Hall of India Pvt. Ltd

# Thiagarajar College, Madurai – 9

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## Environmental Studies

Course Code	Course Title	Category	L	T	P	Credit
U20ES11	Environmental Studies	AECC1	2	-	-	2

Year	Semester	Int. Marks	Ext.Marks	Total
First	First	15	35	50

### Preamble

Students acquire knowledge on the basic concepts, components and importance of environment.

### Course Outcomes

On the completion of the course the student will be able to

	Course outcomes	Knowledge Level
CO1	Define the structure and functions of ecosystem	K1
CO2	Explain the benefits of biodiversity conservation	K2
CO3	Summarise the sources, effects and control measures of various types of Pollutants	K1
CO4	Perceive the environment legislations in India for sustainable development.	K3

K1: Knowledge K2: Understand K3: Apply

### Mapping of Course Outcomes with Programme Specific Outcomes

	PO1	PSSO2	PSO3	PSO4	PSO5
CO1	L	L	M	L	M
CO2	-	M	M	-	M
CO3	-	L	M	L	L
CO4	-	-	L	L	L

### Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	M	-	M	L	S	-
CO2	M	L	S	M	L	L
CO3	M	M	S	S	M	L
CO4	M	-	M	S	S	S

### Blooms taxonomy: Assessment Pattern

	CA		End Semester	of
	First	Second		
<i>Knowledge</i>	40%	40%	40%	
<i>Understand</i>	40%	40%	40%	
<i>Apply</i>	20%	20%	20%	

**Unit I**

Definition and Scope of Environmental Studies – Ecology and Ecosystem – Structure of an Ecosystem – Food chains, food webs and ecological pyramids – Causes of Biodiversity Loss – Benefit and Conservation of Biodiversity

**Unit II**

Environmental problems and Management: Causes, effects and Control measures of : Air Pollution – Water Pollution – Noise Pollution – Nuclear Hazards. Solid waste management and Waste Disposal methods. Climate change and Global Warming causes and Measures. Waste and Plastics. Urban environmental problems and measures. Environmental Legislations in India. Sustainable development and Inclusive growth.

**Text Book**

1. Kanagasabai, C.S. 2005. Environmental Studies. Rasee publishers. Madurai.

**Reference Books**

1. Yogendra, N. and Srivastava, N. 1998. Environmental Pollution, Ashish Publishing House. New Delhi.
2. Sapru R.K. 2001. Environment Management in India, Vol. I & Vol. II Ashish publishers house, New Delhi.

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**Department of Psychology**

(For those joined B.Sc. Psychology on or after June 2020)

**Programme code: UPS**

Course Code	Course Title	Category	L	T	P	Credit
UPS20C21	Advanced Psychological Processes	Core -III	5	1	-	5

Year	Semester	Int. Marks	Ext. Marks	Total
First	Second	25	75	100

**Preamble**

Provide further understanding of fundamental processes of human behaviour such as Cognition, Intelligence and Motivation

**Course Outcomes**

On the completion of the course the student will be able to

	Course outcomes	Knowledge Level
CO1	Define fundamental processes underlying Human Behaviour	K1
CO2	Explore the concept of memory and forgetting	K2
CO3	Explain different theories of motivation and emotion	K2
CO4	Identify the concept of Intelligence	K3
CO5	Apply different orientations to thinking and personality.	K3

**K1: Knowledge K2: Understand K3: Apply**

**Mapping of Course Outcomes with Programme Specific Consequences**

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	S	M
CO2	-	M	M	M	-
CO3	M	-	M	-	-
CO4	M	M	L	-	L
CO5	M	-	M	L	-

**Mapping of Course Outcomes with Programme Outcomes**

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	M	-	S	-	-	-
CO2	M	M	M	S	M	-
CO3	S	M	-	S	-	-
CO4	M	M	L-	-	S	S
CO5	M	S	M	M	S	S

**Blooms taxonomy: Assessment Pattern**

	CA		End of Semester
	First	Second	
<i>Knowledge</i>	40%	40%	40%
<i>Understand</i>	40%	40%	40%
<i>Apply</i>	20%	20%	20%

### **Unit I: Memory and Forgetting**

Models of Memory: Levels of processing model – PDP model. Stages of memory: Sensory memory – Short-term memory – Long-term memory. Retrieval of long-term memory: Retrieval cues - Recall – Recognition. Forgetting; Curve of forgetting – Encoding failure – Decay theory – Interference theory. Neuroscience of Memory.

### **Unit II: Intelligence**

Intelligence – Definition. Nature- Nurture issue on intelligence. Measurement of intelligence: Binet’s mental ability test – Stanford-Binet and I.Q – The Wechsler tests. Theories of Intelligence: Spearman’s theory – Gardner’s multiple intelligence – Sternberg’s triarchic theory. Mental retardation.

### **Unit III: Motivation and Emotion**

Motivation – Meaning. Approaches to motivation; Instinct approach – Drive-reduction approach – Arousal approach – Incentive approach – Humanistic approach (Maslow’s hierarchy of needs) – Self-determination theory. Emotion – Meaning. Theories of Emotion: James-Lange theory – Cannon-Bard theory – Schachter-Singer and Cognitive arousal theory.

### **Unit IV: Thinking and Language**

Thinking – Meaning. Mental imagery: Concepts – Prototypes. Problem solving and decision making: Methods in problem solving – Barriers in problem solving. Creativity – Divergent and convergent thinking. Language – Levels of language analysis – Relationship between language and thought.

### **Unit V: Personality**

Definition, Determinants, Approaches – Psychoanalytic – Freud- Structuring Personality, Psychosexual stages of development, defence mechanism. Type approach – Jung’s typology, Trait theory – Allport, Eysenck and Big Five; Assessment of personality – Objective, Subjective and Projective.

### **Text Book**

1. Ciccarelli, K.S and Meyer, E.G. (2016). *Psychology*. 5<sup>th</sup> ed. New Delhi: Dorling Kindersley Pvt, Ltd.

### **Reference:**

1. S. K. Mangal (2020) *General Psychology*, sterling publishers private limited.
2. Morgan, C.T., King, R.A., Weisz, J. R., &Schopler, J. (2015). *Introduction to Psychology*. 7th ed. New Delhi: Tata McGraw Hill.
3. Feldman, S.R. (2010). *Understanding Psychology*. 10<sup>th</sup> ed. New Delhi: Tata Mc Graw Hill.
4. Mishra, B. K. (2008). *Psychology; The study of human behaviour*. New Delhi: Prentice Hall of India.
5. Baron, R. A. (2004). *Psychology*, 5<sup>th</sup> ed. New Delhi: Pearson Education.



**Thiagarajar College (Autonomous): Madurai – 625 009**  
**Department of Psychology**  
 (For those joined B.Sc. Psychology on or after June 2020)  
**Programme code: UPS**

Course Code	Course Title	Category	L	T	P	Credit
UPS20CL21	Experimental psychology-I	Practical	-	-	4	2

Year	Semester	Int. Marks	Ext. Marks	Total
First	Second	40	60	100

### Course Outcomes

On the completion of the course the student will be able to

	Course outcomes	Knowledge Level
CO1	Know about the different tests and experiments used in Psychology	K1
CO2	Develop scientific and experimental attitudes	K2
CO3	Facilitate comprehension of the theoretical concepts through experiments	K3
CO4	Develop the skills of observation and scientific reporting in psychology	K3
CO5	Evaluate the psychological traits of a person	K3

K1: Knowledge K2: Understand K3: Apply

### Mapping of Course outcome with Programme Specific Outcomes

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	L	-	-	-
CO2	-	S	S	-	M
CO3	M	S	S	M	-
CO4	L	M	M	-	M
CO5	M	-	-	S	L

### Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	S	L	-	-	-	S
CO2	-	S	S	-	M	S
CO3	M	S	S	M	-	L
CO4	L	M	M	-	M	S
CO5	M	-	-	S	L	S

### Bloom Taxonomy :Assessment Pattern

	CA		End of Semester
	First	Second	
<i>Knowledge</i>	40%	40%	40%
<i>Understand</i>	40%	40%	40%
<i>Apply</i>	20%	20%	20%

The Students shall complete any **Twelve** of the following experiments and submit a record for the procedure involved at the end of the II Semester.

**SENSORY PROCESS**

1. Colour Blindness
2. Visual Acuity
3. Kinaesthetic Sensitivity

**ATTENTION**

4. Division of Attention
5. Distraction of Attention
6. Span of Attention

**PERCEPTUAL PROCESS**

7. Muller-Lyer Illusion
8. Depth Perception

**LEARNING**

9. Insight Learning
10. Trial and Error Learning
11. Transfer of Learning

**MEMORY**

12. Immediate Memory Span
13. Retroactive and Proactive Inhibition
14. Memory for Meaningful and Meaningless Stimuli

**MOTIVATION**

15. Level of Aspiration
16. Sensation Seeking

**COGNITION**

17. Concept Formation
18. Pyramid Puzzle

**INTELLIGENCE AND APTITUDE**

19. Differential Aptitude Test
20. Verbal /Non -Verbal /Performance Test

**REFERENCES:**

1. Anastasi and Urbina (2010). Psychological Testing (7th Ed.) New Delhi. PHI Learning Pvt. Ltd.
2. Rajamanickam (2005). Experimental Psychology, Vol 1 & Vol II, New Delhi : Concept Publishing Company.
3. Parameshwaran, E. G. and Ravichandran, R. (2002): Experimental Psychology, Hyderabad: Neelkamal Publication Pvt., Ltd.,

**Thiagarajar College (Autonomous): Madurai – 625 009**

**Department of Psychology**

(For those joined B.Sc. Psychology on or after June 2020)

**Programme code: UPS**

Course Code	Course Title	Category	L	T	P	Credit
UPS20GE21	Social Psychology	Generic Elective:2	6	1	-	5

Year	Semester	Int. Marks	Ext. Marks	Total
First	Second	25	75	100

**Preamble**

This course will help the students to identify the important concepts, fields, and scope of Social Psychology.

**Course Outcomes**

On the completion of the course the student will be able to

	Course outcomes	Knowledge Level
CO1	Define Behaviour in Social Setting	K1
CO2	Explain the Psychological Aspect of various Social Phenomena	K2
CO3	Identify the Psychological aspects of Various Social Issues	K3
CO4	Apply the Concept of Social Psychology into Different fields	K3
CO5	Create a Sensitivity toward Healthy social well-being	K3

**K1: Knowledge K2: Understand K3: Apply**

**Mapping of Course Outcomes with Programme Specific Outcomes**

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	-	L	-
CO2	S	-	M	S	-
CO3	-	M	-	-	M
CO4	M	-	L	M	-
CO5	-	M	-	-	M

**Mapping of Course Outcomes with Programme Outcomes**

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	M	-	-	M	-	M
CO2	S	M	M	S	L	-
CO3	-	M	-	-	M	M
CO4	M	-	L	M	-	-
-CO5	-	-	-	-	a-	-

**Blooms taxonomy: Assessment Pattern**

	CA		End of Semester
	First	Second	
<i>Knowledge</i>	40%	40%	40%
<i>Understand</i>	40%	40%	40%
<i>Apply</i>	20%	20%	20%

**Unit I: Introduction**

Definition. Nature of Social Psychology. Causes of social behaviour and thought. Origin and development. Application of Social Psychology.

**Unit II: Social Perception and Cognition**

Non-verbal communication; Attribution - Theories, Basic sources of attribution; Impression formation and impression management; Perceiving ourselves: self - concept, self - esteem, Self - presentation and Self expression Social cognition - schemas; Heuristics; error in social cognition; affect and cognition.

**Unit III: Attitudes and prejudice and Stereo types**

Attitude formation - Social learning, Acquiring attitudes, Influence of attitude onbehaviour, Resistance to persuasion, Cognitive dissonance; Prejudice, Stereo types, discrimination - causes; Effects; and cures.

**Unit IV: Aggression and Crime**

Aggression in the community - Definition - nature, control and prevention of aggression; Violence - Definition, Different types of violence- Domestic and group violence, Effect, Control and prevention; Crime - Definition; Types; Causes; Rehabilitation of criminals; Crime control, Role of psychologists.

**Unit V: Social Influence and Pro Social Behaviour**

Social influence - Conformity; group influence; Factors affecting conformity; Resistance; Compliance; Extremes forms of social influence - Obedience to authority and Indoctrination; Pro Social behaviour - Co operation and helping, personal, situational and socio - cultural determinants. Theoretical explanations of pro - social behavior

**Text Books**

1. Baron, R.A., and Byrne, D Bhardwaj (2010). Social Psychology, 12<sup>th</sup> ed. New Delhi: pearson
2. Arun Kumar Singh. Social Psychology. Second Edition , PHI Learning Pvt Ltd. 2017
3. Robert .A.Baron, Nyle. R. Branscombe. Social Psychology, 13 th Edition, 2016

**Reference Books:**

- 1 Baron, R.A., and Byrne, D. (2003) Social Psycholog,, 10<sup>th</sup> ed. Prentice Hall
2. Daniel Richardson (2014) Social psychology 1sted. John wiley a sons, Ltd, U.K

## THIAGARAJAR COLLEGE, MADURAI – 9.

(Re-Accredited with 'A' Grade by NAAC)

### VALUE EDUCATION

Course Code	Course Title	Category	L	T	P	Credit
U20VE21	Value Education	AECC2	2	-	-	1

Year	Semester	Int. Marks	Ext.Marks	Total
First	Second	15	35	50

#### Preamble

Students acquire knowledge on the basic concepts, components and importance of environment.

#### Course Outcomes

On the completion of the course the student will be able to

	Course outcomes	Knowledge Level
CO1	Define the values, Self assessment and values needed for self development	K1
CO2	Explain about the good character and good relationships	K2
CO3	Summarise the types of thoughts, developing thought pattern, external influences on thoughts	K1
CO4	Find out the causes of Illusions, Symptoms and stages of stress	K3

K1: Knowledge K2: Understand K3: Apply

#### Mapping of Course Outcomes with Programme Specific Outcomes

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	L	-	M	-	-
CO2	-	L	M	L	-
CO3	M	M	S	-	-
CO4		-	M	L	-

#### Mapping of Course Outcome with Programme Outcomes

	PSO1	PSO2	PSO3	PSO4	PSO5	PO6
CO1	L	-	M	-	-	-
CO2	-	L	M	L	-	L
CO3	M-	M	S	-	-	-
CO4		-	M	L	-	M

#### Blooms taxonomy: Assessment Pattern

	CA		End of Semester
	First	Second	
<i>Knowledge</i>	40%	40%	40%
<i>Understand</i>	40%	40%	40%
<i>Apply</i>	20%	20%	20%

**Unit I**

**Self Development** – Introduction - Definition and Types of Values – Self Assessment – Values needed for self development - Values needed for family life –Principles of happy living

**Character development-** Good character – Good relationships - Legendary people of highest character – The quest for character –Developing character -The key to good character.

**Unit II:**

**Positive Thinking and Self Esteem** - Types of thoughts - Areas of thinking - Developing thought pattern - External influences on Thoughts - Methods to keep outlook positive – Meaning of Self Esteem – Self empowerment.

**Stress free living** – Illusions and causes - Symptoms and stages of stress – Self confidence– Role models and leadership qualities – Critical thinking - Communication skills – Happy and successful life.

**Reference:**

**Study material / Course material**

1. Values for Excellence in Life Compiled by then Curriculum Development Cell Thiagarajar College, Madurai, in collaboration with the Education wing, Brahma Kumaris, Madurai.