



KG COLLEGE OF ARTS AND SCIENCE
 Autonomous Institution | Affiliated to Bharathiar University
 Accredited with A++ Grade by NAAC
 ISO 9001:2015 Certified Institution
 KGiSL Campus, Saravanampatti, Coimbatore – 641 035

Regulations 2024 - 25 for Undergraduate Programme

Learning Outcomes Based Curriculum Framework - (LOCF) model with

Choice Based Credit System (CBCS)

Programme: B.Sc. Psychology

Programme Code: BPY

(Applicable for the Students admitted during the Academic Year 2024 - 25 onwards)

Eligibility

The student should have passed Higher Secondary Examination (10, +2 pattern).
 (As per the eligibility conditions given by Bharathiar University Ref. BU/R/B3-B4/ Eligibility Condition/2024/9206 dated 24/05/2024).

Program Learning Outcomes (PLOs)

The successful completion of the B.Sc. Psychology programme shall enable the students to

PLO1	Exhibit a high level of proficiency and competency in the domains of clinical, industrial, educational, and entrepreneurship.
PLO2	Understand the application of Psychology within the context of broader scientific research as well as beyond the boundaries of the discipline.
PLO3	Develop sophisticated expertise and evolve into effective professional practices keeping pace with digital proficiency.
PLO4	Demonstrate the ability to honour diversity with ethical principles and make continuous constructive contribution to the efficacy of a collaborative professional environment.
PLO5	Acquire a nuanced understanding of the discipline, engage in profound self-reflection, and forge a purposeful and holistic career path contributing to society.

B.Sc. Psychology**Distribution of Credits and Hours for all the Semesters**

Part	Course Category	No. of Courses	Hours		Credits		Total	Semester
I	Language	4	4 X 4	16	4 X 3	12	12	1 - 4
II	English	4	4 X 4	16	4 X 3	12	12	1 – 4
III	Core Theory (6 hrs. /Week)	7	7 X 6	42	7 X 4	28	100	3 - 6
	Core Theory (5 hrs. /Week)	6	6 X 5	30	6 X 4	24		1, 2, 5, 6
	Core Theory (4 hrs. /Week)	3	3 X 4	12	3 X 3	9		4, 5
	Core Lab (4 hrs. /Week)	4	4 X 4	16	4 X 2	8		1 – 3, 5
	Allied (4 hrs. /Week)	4	4 X 4	16	4 X 3	12		1 – 4
	Electives	2	2 X 5	10	2 X 3	6		5, 6
	Project	1	1 X 6	6	1 X 5	5		6
	Internship (IT)	1	-	-	1 X 2	2		5
	Skill Enhancement (SEC)	3	3 X 2	6	3 X 2	6		3, 4, 6
IV	Foundation Course (FC)	2	2 X 2	4	2 X 2	4	14	1 – 2
	Foundation Course (FC)	1	1 X 2	2	1 X 2	2		3
	Ability Enhancement Compulsory Course (AECC)	3	3 X 2	6	3 X 2	6		1, 2, 4
	Ability Enhancement Compulsory Course (AECC) – Online Course MOOC	1	-	-	1 X 2	2		3
V	Extension Activity (Extra Curricular and Co-Curricular)	-	-	-	2	2	2	4
Total		46		180		140		

**Consolidated Semester wise and Component wise
Hours and Credits Distribution**

Semester	Part I		Part II		Part III		Part IV		Part V		Total	
	Hrs.	Credits	Hrs.	Credits	Hrs.	Credits	Hrs.	Credits	Hrs.	Credits	Hrs.	Credits
I	4	3	4	3	18	13	4	4	-	-	30	23
II	4	3	4	3	18	13	4	4	-	-	30	23
III	4	3	4	3	22	15	-	4	-	-	30	25
IV	4	3	4	3	20	15	2	2	-	2	30	25
V	-	-	-	-	30	22	-	-	-	-	30	22
VI	-	-	-	-	30	22	-	-	-	-	30	22
Total	16	12	16	12	138	100	10	14	-	2	180	140

Curriculum

B.Sc. Psychology

Semester – 1									
Course Code	Part	Course Category	Course Name	Hours/ Week	Examination				Credits
					Duration in Hours	Max Marks			
						CIA	ESE	Total	
24TAM11L	I	Language - I	Tamil - I	4	3	25	75	100	3
24HIN11L	I		Hindi - I						
24MAL11L	I		Malayalam - I						
24FRE11L	I		French - I						
24ENG12L	II	Language - II	English - I	4	3	25	75	100	3
24BPY13C	III	Core - I	Basic Psychology I	5	3	25	75	100	4
24BPY14C	III	Core - II	Developmental Psychology I	5	3	25	75	100	4
24BPY15P	III	Core Lab - I	Lab: Experimental Psychology - I	4	3	40	60	100	2
24BPY16A	III	Allied - I	Biopsychology - I	4	3	25	75	100	3
24ENV1FC	IV	FC - I	Environmental Studies	2	2	50	-	50	2
24QUA1AE	IV	AECC - I	Quantitative Aptitude	2	2	-	50	50	2
Total				30				700	23

Semester – 2									
Course Code	Part	Course Category	Course Name	Hours /Week	Examination				Credits
					Duration in Hours	Max Marks			
						CIA	ESE	Total	
24TAM21L	I	Language - I	Tamil - II	4	3	25	75	100	3
24HIN21L	I		Hindi - II						
24MAL21L	I		Malayalam - II						
24FRE21L	I		French - II						
24ENG22L	II	Language - II	English - II	4	3	25	75	100	3
24BPY23C	III	Core - III	Basic Psychology - II	5	3	25	75	100	4
24BPY24C	III	Core - IV	Developmental Psychology - II	5	3	25	75	100	4
24BPY25P	III	Core Lab - II	Lab: Experimental Psychology - II	4	3	40	60	100	2
24BPY26A	III	Allied - II	Biopsychology - II	4	3	25	75	100	3
24HUM2FC	IV	FC - II	Human Rights	2	3	50	-	50	2
24SOF2AE	IV	AECC - II	Soft Skills	2	2	-	50	50	2
Total				30				700	23

Semester-3									
Course Code	Part	Course Category	Course Name	Hours/ Week	Examination				Credits
					Duration in hours	Max Marks			
						CIA	ESE	Total	
24TAM31L	I	Language-I	Tamil – III	4	3	25	75	100	3
24HIN31L	I		Hindi – III						
24MAL31L	I		Malayalam – III						
24FRE31L	I		French – III						
24ENG32L	II	Language-II	English – III	4	3	25	75	100	3
24BPY33C	III	Core – V	Abnormal Psychology - I	6	3	25	75	100	4
24BPY34C	III	Core – VI	Counselling Psychology- I	6	3	25	75	100	4
24BPY35P	III	Core Lab - III	Lab: Experimental Psychology-III	4	3	40	60	100	2
24BPY36A	III	Allied -III	Statistics in Psychology-I	4	3	25	75	100	3
24BPY37P	III	SEC – I	Lab: MS Office	2	3	40	60	100	2
24BAT3FC/ 24ADT3FC/ 24IKS3FC	IV	FC – II	Basic Tamil	-	2	50	-	50	2
			Advanced Tamil						
			Indian Knowledge Systems(IKS)*						
24MOO3AE	IV	AECC – III	Online Course – MOOC	-	-	-	-	-	2
Total				30				750	25

Semester – 1

Part – I : Language I

(All the Undergraduate Programmes)

Course Code	Course Name	Category	Hours / Week	Credits
24TAM11L	Tamil - I	Language- I	4	3

Course Objectives

The course intends to cover

- இலக்கிய வளர்ச்சியை அறிந்துகொள்ளுதல்
- இலக்கியம் படைக்கும் திறன்
- இலக்கிய இலக்கண உரைசெய்தல்
- திறனாய்வு முறையினைக் கற்றுத்தேர்தல்

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	புதுக்கவிதையின் மூலம் வாழ்வியல் விழுமியங்களை உணர்ந்து கொள்ளுதல்.	K1, K2
CLO2	சிறந்த மற்றும் வாழும் கவிஞர்களை அறிந்துகொள்ளுதல்.	K2, K3
CLO3	சிறந்த படைப்பாளர்களின் சிறுகதையில் வெளிப்படும் சமூகச்சிந்தனைகளை அறிந்து விழிப்புணர்வைப் பெறுதல்.	K3
CLO4	தற்கால இலக்கியங்களான புதுக்கவிதை, சிறுகதை தோன்றி வளர்ந்த பின்புலத்தை அறிதல்.	K1, K3
CLO5	மொழியைப் பிழையின்றி பேச, எழுத, கற்கத் தேவையான தமிழ் இலக்கணத்தின் இன்றியமையாமையை உணர்தல். நடைமுறை வாழ்வியலுக்குத் தேவைப்படும் ஆங்கிலக் கடிதத்தைத் தமிழாக்கம் செய்தலுக்கான பயிற்சி பெறுதல்.	K2, K3
K1 - Remember; K2 - Understand; K3 – Apply		

Part – I: Tamil – I

Unit	Content	No. of Hours
I	<p>(நாட்டுப்பற்று)</p> <ol style="list-style-type: none"> 1. உலகத்தை நோக்கி வினவுதல் - பாரதியார் 2. பாரதிதாசன் கவிதைகள் - பாரதிதாசன் <ul style="list-style-type: none"> • தமிழ்ப்பேறு 3. ஒற்றுமையே உயிர்நிலை - கவிமணி 4. தேவதேவன் கவிதைகள் - தேவதேவன் <ul style="list-style-type: none"> • சாலையும் மரங்களும் செருப்பும் • புதிய வீடு 5. ஆலாபனை - கவிக்கோ அப்துல் ரகுமான் <ul style="list-style-type: none"> • போட்டி • பாதை 6. புத்தகச் சந்தை - கவிஞர் வாலி 	14
II	<p>(சமூகம்)</p> <ol style="list-style-type: none"> 1. எட்டாவது சீர்..... - ஈரோடு தமிழன்பன் 2. தொலைந்து போனேன் - கவிஞர் தாமரை 3. திருநங்கைகள் காகிதப் பூக்கள் - நா. காமராசன் 4. மரங்களைப் பாடுவேன் - வைரமுத்து 5. புள்ளிப் பூக்கள் (ஹைக்கூ) - அமுத பாரதி 6. நாட்டுப்புறப் பாடல்கள் <ul style="list-style-type: none"> • தாலாட்டுப் பாடல், தெம்மாங்கு பாடல், உழவுத்தொழில் 	14
III	<p>(சிறுகதை)</p> <ol style="list-style-type: none"> 1. அகல்யை - புதுமைப்பித்தன் 2. சுமைதாங்கி - ஜெயகாந்தன் 3. அம்மா ஒரு கொலை செய்தாள் - அம்பை 4. சோற்றுக் கணக்கு - ஜெயமோகன் 5. தூரத்து உறவு - வைரமுத்து 	12

Unit	Content	No. of Hours
IV	(இலக்கிய வரலாறு) 1. மரபுக்கவிதையின் தோற்றமும் வளர்ச்சியும் 2. புதுக்கவிதையின் தோற்றமும் வளர்ச்சியும் 3. ஹைக்கூ கவிதையின் தோற்றமும் வளர்ச்சியும் 4. சிறுகதையின் தோற்றமும் வளர்ச்சியும்	10
V	(இலக்கணம்) 1. எழுத்துக்கள் (முதல் எழுத்துக்கள், சார்பெழுத்துக்கள்) 2. எழுத்துக்களின் பிறப்பு 3. மாத்திரைகள் 4. பயிற்சிக்குரியன - மொழிப்பெயர்ப்பு (ஆங்கிலத்திலிருந்து தமிழுக்கு மொழிப்பெயர்த்தல்)	10
Total Hours		60

Reference Books	
1	பாரதி பாடல்கள் ஆய்வுப் பதிப்பு, பேரா. ம ரா போ குருசாமி,(2016) தமிழ்ப் பல்கலைக் கழகம், தஞ்சாவூர்
2	ஆலாபனை, அப்துல் ரகுமான்,(2000) கவிக்கோ பதிப்பகம்
3	தாமரை கவிதைகள், தாமரை, (2012) நியூ செஞ்சுரி புக் ஹவுஸ்
4	தமிழ் இலக்கிய வரலாறு, மு வரதராசனார், (2021) சாகித்திய அகாதெமி பதிப்பு
5	புதிய வெளிச்சத்தில் தமிழ் இலக்கிய வரலாறு, முனைவர் க பஞ்சாங்கம், (2017) அன்னம் வெளியீட்டு
6	தமிழ் இலக்கிய வரலாறு, முனைவர் கா கோ வேங்கடராமன்,(2008) கலையக வெளியீடு
7	நல்ல தமிழ் எழுத வேண்டுமா?, அ கி பரந்தாமனார் எம். ஏ., (2002)அல்லி நிலையம்
8	100 சிறந்த சிறுகதைகள் (தொகுதி 1 & 2) தொகுப்பு: எஸ் ராமகிருஷ்ணன் (2006) பதிப்பகம்: தேசாந்திரி பதிப்பகம்
9	தமிழ் இலக்கணம் எளிய அறிமுகம் , கோ குமரன் (2010) சந்தியா பதிப்பகம்
10	நாட்டுப்புற இயல் ஆய்வு, சு சக்திவேல்,(2012) மணிவாசகர் பதிப்பகம்

Part – II : English -I
(All the Undergraduate Programmes)

Semester - 1

Course Code	Course Name	Category	Hours / Week	Credits
24ENG12L	English - I	Language-II	4	3

Course Objectives

The course intends to cover

- Various genres of literature.
- Active and passive vocabulary.
- Usage of Grammar and Communication.

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Identify aesthetic sense and appreciate poetry, enhancing creativity and understanding relevant to professional environments.	K1
CLO2	Understand diverse styles of prose, facilitating versatility in writing and inculcating interpersonal skills.	K2
CLO3	Apply the characters and the narrative techniques in creative writing and content creation ethically.	K3
CLO4	Employ vocabulary and grammatical proficiency in communication to enhance clarity in workplace interactions.	K3
CLO5	Enhance overall communication competence. Practicing these skills in combination reinforces learning and provides students with opportunities to use the language in authentic contexts.	K3
K1 - Remember; K2 - Understand; K3 – Apply		

Part - II: English - I

Unit	Content	No. of Hours
I	Poetry : Nature 1. I Wandered Lonely as a Cloud - William Wordsworth 2. The Sparrow - Paul Laurence Dunbar 3. Stopping by woods on a snowy Evening – Robert Frost	12
II	Prose : Friendship 1. The Man in Black - Oliver Goldsmith 2. Of Friendship - Francis Bacon 3. The Blessing of Friends - Sir John Lubbock	12
III	Short Stories: Morality 1. The Necklace – Guy de Maupassant 2. The Lottery - Shirley Jackson 3. The Monkey’s Paw - W. W. Jacobs	12
IV	Language Competency: Vocabulary 1. Vocabulary : Synonyms, Antonyms, Word Formation 2. Appropriate use of Articles and Parts of Speech 3. Error correction	12
V	English for Communication 1. Listening for General and Specific Information. 2. Self - Introduction, Introducing others, Greetings. 3. Reading a prose passage, Reading a poem and Reading a short story 4. Descriptive writing – writing a short descriptive essay of two to three paragraphs.	12
Total Hours		60
Text Books		
1.	Zama, M. (2004). Poetry Down the Ages. Orient Blackswan.	
2.	Goldsmith, O. (1869). The Works of Oliver Goldsmith. J. Dicks	
3.	Bacon, F., & Montagu, B. (1857). The Works of Francis Bacon (Vol. 1). Parry & McMillan.	
Reference Books		
1.	Kumar,V. T. Bhavani, Durga.K. Srinivas.YL. (2018). English in use - A textbook for College Students. (English, Paperback).	
2.	Swan, M. (2005). Practical english usage (Vol. 7). Oxford: Oxford university press.	
Web Resources (Swayam / NPTEL)		
1.	https://nptel.ac.in/courses/109105205	

Course Code	Course Name	Category	Hours / Week	Credits
24BPY13C	Basic Psychology - I	Core - I	5	4

Course Objectives

The course intends to cover

- Interactions and relationships by understanding human behavior.
- Intricacies of biological systems to gain deeper insights into their profound impact on shaping behaviour.
- Cognitive abilities through practical skills and application of psychological principles in everyday situations.

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Remember and understand the foundational principles and historical context of Psychology to evaluate modern psychological theories and their practical applications across diverse fields including education, healthcare, and business.	K1, K2
CLO2	Understand and examine how experimental studies in Psychology are utilized across various domains, including clinical, educational, and organizational psychology, to tackle real-world challenges and enhance overall results.	K2, K4
CLO3	Apply sensory input, concentration, and perceptual acuity to amplify critical thinking and problem-solving skills across decision-making, creative endeavors, and learning scenarios.	K3
CLO4	Apply the awareness of one's thoughts and feelings to focus better on decision making, therapy, education, or leadership training.	K3
CLO5	Apply strategies such as setting clear goals and providing positive reinforcement to boost motivation and productivity in both personal and professional endeavors.	K3
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze		

CLO - PLO Mapping

CLOs/PLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	2	3	-	-	2
CLO2	1	3	1	-	-
CLO3	-	1	2	2	3
CLO4	-	-	2	1	3
CLO5	1	-	2	3	3
3 - Substantial (high)		2 - Moderate (medium)		1 - Slight (low)	

Core - I: Basic Psychology - I

Unit	Content	No. of Hours
I	Introduction to Psychology: Foundations of Psychology: Definition - Philosophical Origins - Biological Origins - Psychology in India - Branches & Career Scope of Psychology - Modern Scientific Psychology: Structuralism, Functionalism, Behaviourism, Gestalt, Piaget, Psychoanalysis, Cognitive.	15
II	Experimentation and Critical Thinking in Psychology: Psychology as a Science - Goals of Scientific Enterprise - Steps in Scientific Investigation - Methods of Psychology - Factors and Characteristics of Experimental Methods - Steps in Conducting Psychological Research.	15
III	Sensation, Attention and Perception: Sensation: Sense Modalities - Psychophysics: Absolute Threshold - Differential Threshold, Just Noticeable Difference. Attention: Factors affecting Attention - Selective Attention - Phenomena associated with Attention: Span, Division, and Distraction of Attentions. Perception: Subliminal - Set - Defense - Organization - Styles - Constancies - Colour - Illusions - Habituation - Extrasensory perception (ESP) - Enhancing Perceptual Accuracy.	15
IV	Mind, Consciousness and Altered States: Awareness and Consciousness States of Mind - Nature of Consciousness - Functions of Consciousness - Changes in Consciousness - Altered States of Consciousness.	15
V	Learning: Definition - Classical Conditioning - Operant Conditioning – Applications - Other Types of Learning: Trial & Error, Verbal, Cognitive, Observational, Latent - Improving Learning.	15
Total Hours		75

Text Books

1.	Baron, R.A. (2016). Psychology, 5th ed. New Delhi: Pearson Education
2.	Morgan, C.T., King, R.A., Weisz, J.R., & Schopler, J. (2021). Introduction to Psychology, 7 th ed. New Delhi: Tata McGraw Hill

Reference Books

1.	Mishra, B. K. (2016). Psychology: The study of human behaviour. New Delhi: Prentice Hall of India
2.	Weiten, W. (2016). Psychology: Themes and variations, 5th ed. New York: Brooks/Cole Publishing Co
3.	Atkinson, R. L., Hilgard, E. R., & Nolen-Hoeksema, S. (2015). Introduction to Psychology. Cengage Learning.
4.	David, G. M. (2021). Exploring Psychology, 12th Edition, International Edition, Worth Publishers, Macmillan.

Web Resources (Swayam / NPTEL)

1.	https://onlinecourses.nptel.ac.in/noc23_hs11
2.	https://onlinecourses.nptel.ac.in/noc23_hs37
3.	https://onlinecourses.nptel.ac.in/noc23_hs39

Course Code	Course Name	Category	Hours / Week	Credits
24BPY14C	Developmental Psychology - I	Core - II	5	4

Course Objectives

The course intends to cover

- The distinct phases of human life, ranging from infancy to old age and delve into the defining characteristics that delineate each stage.
- The multifaceted influences shaping individuals' physical, mental, and emotional development across their lifespan.
- Principles of lifespan development to discern how individuals evolve and adjust across different life stages and circumstances.

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Remember, understand, and apply developmental theories to address challenges in education, parenting, and social policies, while acknowledging and accommodating diverse cultural and environmental contexts.	K1, K2, K3
CLO2	Understand prenatal care practices and empower expecting parents in fostering optimal fetal development.	K2
CLO3	Apply and analyze the progression of physical and psychological development throughout various stages of life and utilize this understanding to enhance well-being in domains such as education, healthcare, and counseling, fostering a holistic approach to human flourishing.	K3, K4
CLO4	Understand cognitive development theories ranging from initial sensory experiences to advanced language comprehension, investigating their implications for educational practices and interventions in child development.	K2
CLO5	Apply and analyze psychological principles to cultivate emotional resilience in individuals navigating adversity and examine the effectiveness of these strategies in enhancing coping mechanisms and promoting overall well-being.	K3, K4
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze		

CLO - PLO Mapping

CLOs/PLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	-	1	3	1	2
CLO2	-	-	1	1	2
CLO3	1	-	1	2	3
CLO4	2	3	2	-	2
CLO5	2	1	3	2	3
3 - Substantial (high)		2 - Moderate (medium)		1 - Slight (low)	

Core - II: Developmental Psychology - I

Unit	Content	No. of Hours
I	Introduction to Life Span Development: Introduction - Importance of Life Span Development - Characteristics of Life Span Perspective - Nature of Development - Theories: Freud, Erickson, Piaget, Vygotsky.	15
II	Prenatal Development: Fertilization - Germinal Period - Embryonic Period - Fetal Period. Prenatal Diagnostic Tests - Effects of Teratogens - Neonatal Health and Responsiveness - Consequences of Low Birth Weight.	15
III	Physical Development: Newborn - Reflexes - Perception. Physical Growth in Infancy and Childhood - Motor Skills Development. Physical Development in Puberty. Changes in Early, Middle, and Late Adulthood. Theories of Aging: Pre-programmed Theory, Wear-and-Tear Theory.	15
IV	Cognitive Development: Stages of Cognitive Development: Sensorimotor Stage, Preoperational Stage, Concrete Operational Stage, Formal Operational Stage - Language Development - Advances in Early, Middle, and Late Childhood - Metalinguistic Awareness.	15
V	Emotional Development: Introduction -Development of Emotion - Describing and Classifying Temperament: Chess and Thomas, Kagan, Rothbart and Bates. Theories of Attachment: Care Giving and Attachment. Moral Development: Piaget’s and Kohlberg’s Theory. Social Conventional Reasoning - Basic Processes - Resistance to Temptation - Self-control – Empathy - Moral Characters.	15
Total Hours		75
Text Books		
1.	Berk, L.E (2017). Child Development (3rd ed). New Delhi: Pearson Education Pvt Ltd.	
2.	Hurlock, E.B (2017). Developmental Psychology-A Life span Approach. New Delhi: Tata McGraw Hill Publishing Company.	
3.	Santrock, J.E (2024). Child Development (2nd end) New Delhi: Tata McGrawHill Publishing Company.	
Reference Books		
1.	Papalia, D.E et.al (2017). Human Development (9th Ed). New Delhi: Tata McGraw Hill Publishing Company.	
2.	Hurlock, E.B (2017). Child Development (6th ed.) London: McGraw Hill Book Company.	
Web Resources (Swayam / NPTEL)		
1.	https://onlinecourses.nptel.ac.in/noc23_hs06	
2.	https://onlinecourses.nptel.ac.in/noc23_hs71	
3.	https://nptel.ac.in/courses/109105199&sa%3Dd&source%3Deditors&ust%3D1713345927571116&usg%3Daovvaw38p0eqs9gmm04sadt7fu	

Course Code	Course Name	Category	Hours / Week	Credits
24BPY15P	Experimental Psychology - I	Core Lab - I	4	2

S.No.	List of Practicals	No. of Hours
I	Suggestion:	20
1.	Size Weight Illusion	
2.	Progressive Weight Illusion	
3.	Two Hand Coordination	
4.	Suggestible Questions	
II	Association:	5
1.	Free Association (Word List Method)	
III	Sensory and Motor Test:	20
1.	Color Blindness	
2.	Finger Dexterity	
3.	Tweezers Dexterity	
4.	Minnesota Rate of Manipulation Test (MRMT)	
IV	Attention:	15
1.	Division of Attention	
2.	Span of Attention	
3.	Cutaneous Sensitivity	
Total Hours		60
Text Books		
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.	Collins and Drever J (1968). Experimental Psychology: Ludhiana: Lyall Book Depot.	
Reference Books		
1.	Kuppuswamy. B (2013). Elementary Experiments In Psychology, Madras: Oxford Publishing Press.	
2.	Woodworth, R.S. & Schlosberg, H. (2015). Experimental Psychology. New Delhi: Oxford Publishing Co.	
Web Resources (Swayam / NPTEL)		
1.	https://onlinecourses.nptel.ac.in/noc23_hs07	
2.	https://onlinecourses.nptel.ac.in/noc23_hs73	

Course Code	Course Name	Category	Hours / Week	Credits
24BPY16A	Biopsychology - I	Allied - I	4	3

Course Objectives

The course intends to cover

- The interplay between our body's fundamental functions and how they shape our thoughts and behaviours.
- To recognize how the nervous system orchestrates both our physical actions and emotional responses.
- The sophisticated interplay between the brain, hormones, and their influence on sensory perception and physiological responses.

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Remember and understand how the brain sends signals and regulates hormones which are crucial for understanding learning, memory, and emotions in Psychology.	K1, K2
CLO2	Understand the role of neurons and neural communication to grasp brain function in mental health, learning, and behaviour.	K2
CLO3	Understand and apply the diagnostic and treatment approaches for neurological disorders which necessitates a comprehensive grasp of the intricate architecture and progression of both the central and peripheral nervous systems.	K2, K3
CLO4	Analyze the knowledge of sensory system processes to advance medical treatments, innovate technology, and enrich daily life experiences through improved therapies, cutting-edge devices, and heightened human interaction.	K4
CLO5	Analyze pivotal role of hormones in composing metabolic processes and maintaining energy equilibrium to optimize overall health and well-being.	K4
K1 - Remember; K2 - Understand; K3 - Apply; K4 – Analyze		

CLO - PLO Mapping

CLOs/PLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	2	2	2	1	3
CLO2	2	3	2	-	2
CLO3	2	3	-	-	2
CLO4	3	3	3	2	2
CLO5	1	1	1	2	2
3 - Substantial (high)		2 - Moderate (medium)		1 - Slight (low)	

Allied - I: Biopsychology - I

Unit	Content	No. of Hours
I	Introduction to Biopsychology: Nature of Physiological Psychology: Goals of Research, Biological Roots - Natural Selection and Evolution: Functionalism and Inheritance of Traits, Evolution of Human Species - Ethical Issues in Research with Animals - Career Opportunities.	12
II	Nervous System: Cells of the Nervous System: Neurons, Supporting Cells - Neural Communication: Measuring Electrical Potentials of Axons, Membrane Potential - Action Potential and its Conduction - Communication between Neurons.	12
III	Structure of the Nervous System: Basic Features of the Nervous System - Central Nervous System: Development - Brain - Spinal Cord. Peripheral Nervous System: Spinal Nerves - Cranial Nerves - Autonomic Nervous System.	12
IV	Psychobiology of Sensory Systems: Anatomy of the Visual System: Eyes - Photoreceptors - Connections between Eye and Brain. Audition: Stimulus - Anatomy of the Ear - Auditory Hair Cells and Transduction. Somatic Senses: Gustation - Olfaction.	12
V	Internal Regulation: Homeostasis and Allostasis - Controlling Body Temperature - Mechanisms of Water Regulation - Osmotic Thirst - Hypovolemic Thirst and Sodium - Specific Hunger - Digestion and Food Selection - Short and Long-Term Regulation of Feeding.	12
Total Hours		60
Text Books		
1.	Carlson, R.N. (2017). Foundations of Physiological Psychology (6th Ed.). New Delhi, Pearson Education, Inc	
2.	Kalat, J.W. (2023). Biological Psychology, New Delhi; Cengage Learning India Pvt Ltd.	
3.	Pineal, J. P. J. (2021). Biopsychology (6th Ed.), India, Dorling Kindersley.	
Reference Books		
1.	Kalat, J.W. (2018). Biological psychology. Cengage.	
2.	Schneider, A.M. & Tarshis, B. (1986). An Introduction to Physiological Psychology. (3rd Ed.). New York: Random House, Inc.	
3.	Winn, P., & Greal, M. A. (2020). Biological psychology. Routledge.	
Web Resources (Swayam / NPTEL)		
1.	https://onlinecourses.nptel.ac.in/noc23_hs38	
2.	https://onlinecourses.nptel.ac.in/noc23_hs41	
3.	https://www.google.com/url?q=https://nptel.ac.in/courses/127105233&sa=D&source=editor&s&ust=1713345927526292&usg=AOvVaw15iKQdQHdY4IJD1MTwJ_k5	

**Components for Internal Assessment and
Distribution of Marks for CIA and ESE (Theory)**

Max Marks	Marks for		Components for CIA									
	CIA	ESE	CIA – I		CIA – II		Best of CIA-I & CIA-II	Model		Attendance	Active Engagement	Total
100	25	75	Actual	Weightage	Actual	Weightage	Weightage	Actual	Weightage	5	5	25
			50	5	50	5	5	75	10			

Question Paper Pattern

Component	Duration in Hrs.	Section A			Section B			Section C			Total
		Type of question	No. of questions	Marks	Type of question	No. of questions	Marks	Type of question	No. of questions	Marks	
CIA – I & II	2	MCQ	8	8x1=8	Either or	3	3x6=18	Either or	3	3x8=24	50
Model Exam /ESE	3	MCQ	10	10x1=10	Either or	5	5x5=25	Either or	5	5x8=40	75

**Components for Internal Assessment and Distribution of Marks
for CIA (Lab)**

Max Marks	Marks for		Components for CIA							
	CIA	ESE	Test – I		Test - II		Model		Observation	Total
100	40	60	Actual	Weightage	Actual	Weightage	Actual	Weightage	5	40
			50	10	50	10	60	15		

Examination Pattern

Component	Duration in Hrs.	Marks			Weightage
		Practical	Record	Total Marks	
Test – I	2	50	-	50	10
Test – II	2	50	-	50	10
Model	3	60	-	60	15
ESE	3	50	10	60	-

Part – IV : Foundation Courses

(All the Undergraduate Programmes)

Course Code	Course Name	Category	Hours / Week	Credits
24ENV1FC	Environmental Studies	FC- I	2	2

Unit	Content
I	The Multidisciplinary nature of environmental studies Definition; Scope and importance, Need for public awareness.
II	<p>Natural Resources:</p> <p>Renewable and non-renewable resources: Natural resources and associated problems.</p> <ul style="list-style-type: none"> - Forest resources: Use and Over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forests and tribal people. - Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams benefits and problems. - Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies. - Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies. - Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources, Case studies. - Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification. <p>Role of an individual in conservation of natural resources. Equitable use of resources for sustainable lifestyles.</p>
III	<p>Ecosystems</p> <ul style="list-style-type: none"> - Concept of an ecosystem. - Structure and function of an ecosystem. - Producers, consumers and decomposers. - Energy flow in the ecosystem. - Ecological succession. - Food chains, food webs and ecological pyramids. - Introduction, types, characteristic features, structure and function of the following ecosystem: - <ol style="list-style-type: none"> a. Forest ecosystem b. Grassland ecosystem c. Desert ecosystem d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries).

Unit	Content
IV	<p>Biodiversity and its Conservation</p> <ul style="list-style-type: none"> - Introduction-Definition: genetic, species and ecosystem diversity. - Bio geographical classification of India. - Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values. - Biodiversity at global, National and local levels. - India as a mega-diversity nation. - Hot-spots of biodiversity. - Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts. - Endangered and endemic species of India. - Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.
V	<p>Environmental Pollution Definition</p> <ul style="list-style-type: none"> - Causes, effects and control measures of: - <ol style="list-style-type: none"> a. Air pollution b. Water pollution c. Soil pollution d. Marine pollution e. Noise pollution f. Thermal pollution g. Nuclear hazards - Solid waste Management: Causes, effects and control measures of urban and industrial wastes. - Role of an individual in prevention of pollution. - Pollution case studies. - Disaster management: floods, earthquake, cyclone and landslides.
VI	<p>Social Issues and the Environment</p> <ul style="list-style-type: none"> - From Unsustainable to Sustainable development. - Urban problems related to energy. - Water conservation, rain water harvesting, watershed management. - Resettlement and rehabilitation of people; its problems and concerns. Case studies. - Environmental ethics: Issues and possible solutions. - Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies. - Wasteland reclamation. - Consumerism and waste products. - Environment Protection Act. - Air (Prevention and Control of Pollution) Act. - Water (Prevention and Control of Pollution) Act. - Wildlife Protection Act. - Forest Conservation Act. - Issues involved in enforcement of environmental legislation. - Public awareness.

Unit	Content
VII	Human Population and the Environment <ul style="list-style-type: none"> - Population growth, variation among nations. - Population explosion-Family welfare Programme. - Environment and human health. - Human Rights. - Value Education. - HIV/AIDS. - Women and Child Welfare. - Role of information Technology in Environment and human health. - Case Studies.
VIII	Field Work (Practical). <ul style="list-style-type: none"> - Visit to a local area to document environmental assets-river/forest/grassland/ hill/mountain. - Visit to a local polluted site-Urban/Rural/Industrial/Agricultural. - Study of common plants, insects, birds. - Study of simple ecosystems-pond, river, hill slopes, etc.
Total Hours. 30	

Web Resources	
1.	https://www.ugc.gov.in/oldpdf/modelcurriculum/env.pdf

Components for Internal Assessment and Distribution of Marks for CIA (Theory)

Max Marks	Marks for		Components for CIA							
	CIA	ESE	CIA – I		CIA – II		Best of CIA-I & CIA-II	Model		Total (Best + Model)
			Actual	Weightage	Actual	Weightage		Weightage	Actual	
50	50	-	Actual	Weightage	Actual	Weightage	Weightage	Actual	Weightage	50
			50	25	50	25	25	50	25	

Question Paper Pattern

Duration in Hrs.	Mode of Exam	Type of Questions	No. of Questions	Marks
2	Offline	Open Choice	5 (Out of 8)	5 x 10=50

Part – IV : Ability Enhancement Compulsory Courses
(All the Undergraduate Programmes)

Course Code	Course Name	Category	Hours	Credits
24QUA1AE	Quantitative Aptitude	AECC - I	2	2

Course Objectives

The course intends to cover

- Basic concepts of numbers, time and work, interests, data representation and graphs
- Concepts of permutation, probability, discounts, percentage & profit loss.

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Remember and Understand the concepts of numbers and average	K1, K2
CLO2	Understand about percentage and apply profit & loss related processing.	K2, K3
CLO3	To understand the concepts of time and work and interest calculations.	K2
CLO4	To understand about the concepts of permutation, combination and probability.	K2
CLO5	Understand , Apply and analyze the concept of problem solving involved in graphs and age.	K2,,K3,K4
K1 - Remember; K2 - Understand; K3 - Apply; K4 -Analyze		

Ability Enhancement Compulsory Course - I: Quantitative Aptitude

Unit	Content	No. of Hours
I	Numbers - Simplification - BODMAS rule - Algebraic formulas - Decimal fractions - Square root and cube roots - Surds and indices - Divisibility rules - HCF and LCM - same remainder - different remainder - application problems – average – equation - mistaken value – replacement - including/excluding.	6
II	Percentage - increase/decrease – net change – salary – election – marks – consumption - population / machine - profit and loss - profit and loss % - finding cp and sp - profit=loss - same product cp and sp with percentage – discount - ratio and proportion - divided into parts - based on numbers - increase/decrease/ income / expenditure – coins – partnership.	6
III	Time-and-work - individual/combined - alternative days - remaining work - efficiency based - amount split - chain rule - group of male and female or boys - pipes and cistern - finding time - efficiency based – alternative - remaining part - capacity of the tank - simple interest - finding principal - rate of interest – amount -time period - doubles or triples - compound interest - finding rate - finding time, principal - doubles or triples - difference between SI and CI.	6
IV	Permutation - finding value - vowels come together - vowel never comes together - some letters come together - no two vowels come together - vowels in odd/even places - based on repetition - circular permutation – application – combination - finding value and application – probability – coins - dice-cards - balls and miscellaneous problems - odd man out and number series.	6
V	Clock - finding angle - reflex angle - gain or loss – calendars - finding particular day - data interpretation - bar chart - line chart - pie chart – table – combined –ages ratio- twice or thrice - addition /subtraction - family based - problems on numbers - equations.	6
Total Hours		30
Text Book		
1.	R.S. Aggarwal , Quantitative Aptitude, S.Chand & Company Ltd.,	
Reference Book		
1.	Ashish Arora, Quantitative Aptitude.	
Web Resources		
1.	https://www.javatpoint.com/aptitude/quantitative	
2.	https://www.indiabix.com/aptitude/questions-and-answers/	

Components for and Distribution of Marks for ESE (Theory)
Ability Enhancement Compulsory Course(AECC)

Duration in Hrs.	Mode of Exam	Type of Questions	No. of Questions	Marks
2	Online	MCQ	50	50x1=50



Semester – 2

Course Code	Course Name	Category	Hours/ Week	Credit
24TAM21L	Tamil – II	Language - I	4	3

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	அற இலக்கியங்கள் வழி வாழ்வியல் ஒழுக்கங்களைக் கற்றுத் தருதல்.	K1, K2
CLO2	பக்தி இலக்கியங்கள் வழி பக்தி நெறிகளை உணர்த்துதல்.	K2
CLO3	தமிழில் உரைநடை இலக்கியப் படைப்பாளர்களின் சிந்தனைகளை எடுத்துரைத்தல்.	K3
CLO4	தமிழ் இலக்கிய வரலாற்றில் அற இலக்கியம் மற்றும் உரைநடையின் தாக்கம் குறித்து அறிதல்.	K1, K3
CLO5	பிழையின்றி எழுத இலக்கணங்களைக் கற்றுத் தருதல்.	K2, K3
K1 - Remember; K2 - Understand; K3 – Apply		

Part – I: Tamil – II

Unit	Content	No. of Hours
I	(அறம்) 1. திருக்குறள் <ul style="list-style-type: none"> புகழ் வினை செயல்வகை நெஞ்சொடு கிளத்தல் 2. திரிகடுகம்(தேர்ந்தெடுக்கப்பட்ட 10 பாடல்கள்) 3. பழமொழி நானூறு(தேர்ந்தெடுக்கப்பட்ட 10 பாடல்கள்)	14
II	(பக்தி) 1. அபிராமி அந்தாதி(10 பாடல்கள்) - அபிராமி பட்டர் 2. உமர்கயாம் பாடல்கள் (தனிப்பாடல்கள்) - கவிமணி தேசிய விநாயகம் பிள்ளை 3. முத்துக்குமாரசாமி பிள்ளைத்தமிழ்(தாலப் பருவம்) – குமரகுருபரர் 4. இயேசுகாவியம் - மலைப்பொழிவு - கண்ணதாசன் 5. சித்தர் பாடல்கள் - சிவவாக்கியர் பாடல்	14
III	(கலை மற்றும் பண்பாடு) 1. அறம் எனப்படுவது - அமுதன் 2. ஏட்டில் எழுதா இலக்கியம் - ஒளவை துரைச்சாமி 3. கீழடி - தொல்லியல் துறை, வெளியீடு 4. மனம் எனும் சொர்க்கவாசல் - டாக்டர் எம்.எஸ்.உதயமூர்த்தி 5. ஆளுமைத் திறன் - அறிவுக்கதிர் (அரசுப்பணி சிறப்பிதழ்)	12
IV	(இலக்கிய வரலாறு) 1. பதினெண் கீழ்க்கணக்கு நூல்கள் 2. உரைநடையின் தோற்றமும் வளர்ச்சியும்	10
V	(இலக்கணம்) 1. சொல்லின் வகைகள் 2. வேற்றுமைத் தொகைகள் 3. பயிற்சிக்குரியன:(விண்ணப்பங்கள், மடல்கள் எழுதச் செய்தல்)	10
Total Hours		60

Reference Books

1	முத்துக்குமாரசாமி பிள்ளைத்தமிழ்,(2021) கமலா முருகன், சாரதா பதிப்பகம்
2	இயேசு காவியம், கவிஞர் கண்ணதாசன்,(2006) கலைக்காவிரி பதிப்பகம்
3	உரைகளும் உரையாசிரியர்களும்,(2013) தி சு நடராசன் நியூ செஞ்சுரி புக் ஹவுஸ்
4	அபிராமி அந்தாதி, முனைவர் சி சேதுராமன்,(2010) நியூ செஞ்சுரி புக் ஹவுஸ்
5	புதிய வெளிச்சத்தில் தமிழ் இலக்கிய வரலாறு, முனைவர் க பஞ்சாங்கம், (2017) அன்னம் வெளியீட்டு
6	தமிழ் இலக்கிய வரலாறு, மு வரதராசனார்,(2021) சாகித்ய அகாடமி பதிப்பு
7	தமிழ் உரைநடை வரலாறு, வி செல்வநாயகம்,(2003) அடையாளம் பதிப்பகம்
8	தமிழ் இலக்கிய வரலாறு, முனைவர் கா கோ வேங்கடராமன்,(2010) கலையக வெளியீடு
9	எண்ணங்கள் - டாக்டர் எம் எஸ் உதயமூர்த்தி,(2016) வெளியீடு: கங்கை புத்தக நிலையம், சென்னை
10	அடோன் தமிழ் இலக்கணம், புலவர் பொன்மணிமாறன்,(2011) அருண் பப்ளிஷிங்

Part – II : English - II
(All the Undergraduate Programmes)

Course Code	Course Name	Category	Hours/ Week	Credits
24ENG22L	English-II	Language - II	4	3

Course Objectives

The course intends to cover

- The literary elements in poetry.
- The critical contemplation and writing in styles of prose texts.
- The modernist techniques and ethics in the narratives of short stories.
- The interpersonal skills essential in the work environment.

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Identify the common techniques underlying free verse and traditional forms of poetry for crafting poems.	K1
CLO2	Understand humour in prose texts psychologically to master the oratory skills.	K2
CLO3	Employ empathy and morale in diplomatic Day-to-day circumstances.	K3
CLO4	Strengthen the writing skills for documentation.	K3
CLO5	Persist flexibility and mobility in the sequel LSRW.	K3
K1 - Remember; K2 - Understand; K3 - Apply		

Part - II: English - II

Unit	Content	No. of Hours
I	Poetry: Motherhood 1. My Grand Mother’s House – Kamala Das 2. Of mother, among others things – A.K Ramanujam 3. Night of the Scorpion – Nissim Ezekiel	12
II	Prose: Humour 1. With The Photographer – Stephen Leacock 2. Travel by Train – J.B.Priestley 3. On Forgetting – Robert Lynd	12
III	Short Stories: Integrity 1. The taxi driver – K.S. Duggal 2. A Retrieved Reformation- O Henry 3. Kabuliwala - Rabindranath Tagore	12
IV	Language Competency: Vocabulary 1. Homonyms, Homophones, Homographs Portmanteau words 2. Verbs and Tenses, Subject Verb Agreement 3. Error correction Vocabulary : Synonyms, Antonyms, Word Formation	12
V	English for Communication 1. Listening with courtesy and adding ideas and giving opinions during the meeting and making concluding remarks 2. Participating in a meeting: face to face and online 3. Reading news and weather reports 4. Preparing first drafts of short assignments	12
Total Hours		60
Text Books		
1.	Ezekiel Nissim, 1989 .Collected Poems 1952-1988. Oxford University Press.	
2.	Hewings, M. (2000). Advanced English Grammar. Cambridge. University Press.	
Reference Books		
1.	Bakshi, S.P. & Sharma, R. (2019). Descriptive English. Arihant Publications (India) Ltd.	
2.	Cameron S & Dempsey L. (2019). The Reading Book: A Complete Guide to Teaching Reading. S & L. Publishing.	
3.	Sherman B. (2014) Skimming and Scanning Techniques. Liberty University Press.	
Web Resources (Swayam / NPTEL)		
1.	https://nptel.ac.in/courses/109103020	

Course Code	Course Name	Category	Hours / Week	Credits
24BPY23C	Basic Psychology - II	Core - III	5	4

Course Objectives

The course intends to cover

- The fundamental principles of psychology, encompassing its pivotal theories and methodologies.
- Psychological mechanisms governing human actions, encompassing cognition, emotion, perception, and motivation.
- Various tiers of consciousness and their impact in shaping behavior and its influence on behavior across diverse contexts.

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Remember, understand, and apply memory-enhancing techniques in studying to effectively remember, comprehend, and apply vital information, thereby boosting academic performance through enhanced retention and recall.	K1, K2, K3
CLO2	Understand the fundamental principles of Psychology to enhance communication skills, problem-solving abilities, and decision-making processes in both personal and professional settings.	K2
CLO3	Examine the key elements of motivation and emotion that can guide tactics aimed at raising employee engagement and fostering well-being within the workplace.	K4
CLO4	Understand and apply the principles of intelligence across education, business, and technology to optimize learning methodologies, refine personnel selection procedures, improve decision-making frameworks, and advance intelligence systems.	K2, K3
CLO5	Examine personality across various domains, including clinical psychology, organizational behaviour, and forensic profiling, employing range of methodologies and perspectives to gain comprehensive insights.	K4
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze		

CLO - PLO Mapping

CLOs/PLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	2	2	-	-
CLO2	1	3	2	-	3
CLO3	-	-	2	1	2
CLO4	1	2	-	2	2
CLO5	2	2	3	3	3
3 - Substantial (high)		2 - Moderate (medium)		1 - Slight (low)	

Core - III: Basic Psychology - II

Unit	Content	No. of Hours
I	Memory: Process - Types - Organizing Information: Working Memory - Multiple Components Model. Episodic Memory: Levels of Processing View, Retrieval Cues, Context-dependent, State-dependent, Encoding Specific Principle. Semantic Memory: Concepts, Prototype, Exemplar. Procedural Memory. Other Phenomena related to Memory - Measuring Memory - Forgetting - Strategies for Improving Memory.	15
II	Thinking and Language: Basic Elements of Thought - Structure of Language - Language and Thought - Reasoning - Problem Solving - Creativity - Decision Making.	15
III	Motivation and Emotion: Motivation: Definition - Motivational Concepts - Primary and Secondary Motives - Levels of Arousal - Yerke’s-Dodson Law. Learned Motives - Hierarchy of Motives. Emotion: Definition - Elements of Emotional Experience - Physiological Correlates of Emotion - Theories of Emotion: James-Lange, Cannon-Bard, Schachter-Singer, Evolutionary, Opponent Process - Facial Feedback Hypothesis - Cognition and Emotion.	15
IV	Intelligence: Definition - Intelligence as a Process - Structure of Intelligence - Approaches: Spearman, Thurstone, Cattell, Triarchic, Multiple Intelligences: PASS Model - Intelligence and Creativity - Concept of IQ - Evolution of Intelligence Testing - Extremes of Intelligence - Determiners of Intelligence - Emotional Intelligence.	15
V	Personality: Definition - Self Concept of Personality - Determinants - Early Approaches - Psychodynamic Approaches - Neo Freudian Approaches - Trait Theories - Humanistic Perspective - Social-Cognitive Perspective – Cultural Perspective.	15
Total Hours		75
Text Books		
1.	Morgan, C.T., King, R.A., Weisz, J.R., & Schopler, J. (2021). Introduction to psychology, 7th ed. New Delhi: Tata McGraw Hill.	
2.	Baron, R.A. (2017). Psychology, 5th ed. New Delhi: Pearson Education.	
Reference Books		
1.	Mishra, B. K. (2016). Psychology: The study of human behaviour. New Delhi: Prentice Hall of India.	
2.	Whiten, W. (2016). Psychology: Themes and variations, 5th ed. New York: Brooks/Cole Publishing Co.	
3.	Kalat, J. W. (2022). Introduction to psychology. Cengage.	
4.	Gazzaniga, M. S., Heatherton, T. F., Halpern, D. F., & Heine, S. J. (2016). Psychological Science, 5th Canadian Edition, W.W. Norton & Company, New York.	
5.	Myers, D.G. (2024). Psychology 9th edition. New York, Worth publishers.	
Web Resources (Swayam / NPTEL)		
1.	https://nptel.ac.in/courses/109105116&sa%3Dd&source%3Deditors&ust%3D1713345927563202&usg%3Daovvaw33fvseahfgk9vawvmdh50p	
2.	https://nptel.ac.in/courses/109103142&sa=D&source=editors&ust=1713345927587500&usg=AOvVaw0NgeuielO_6gTaDPB11Zvl	
3.	https://nptel.ac.in/courses/109104105&sa=D&source=editors&ust=1713345927596747&usg=AOvVaw1NzY6bKj0WUOei6T7uSPM1	

Course Code	Course Name	Category	Hours / Week	Credits
24BPY24C	Developmental Psychology - II	Core - IV	5	4

Course Objectives

The course intends to cover

- The growth and development including how one talks, feels, makes friends, and stays safe as one gets older.
- The intricate transformations that occur in both body and mind during the teenage years.
- Vital life skills that are necessary to confront challenges in middle age and adopt to get older.

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Remember and understand childhood development and potential hazards to design effective educational programs and interventions for children.	K1, K2
CLO2	Understand the substantial transformations that occur during adolescence to design efficient educational programs and support systems for teenagers.	K1, K2
CLO3	Examine the significance of acquiring essential life skills during the transition to early adulthood, effectively maneuvering through personal and professional challenges.	K4
CLO4	Apply and analyze the complexities of decision-making for middle-aged individuals, particularly concerning career shifts and financial decisions, to develop effective support strategies tailored to their needs.	K3, K4
CLO5	Apply the strategies aimed at adapting lifestyles and effectively coping with the challenges presented by aging.	K3
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze		

CLO - PLO Mapping

CLOs/PLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	-	-	1	2	2
CLO2	-	-	3	2	2
CLO3	1	1	2	2	2
CLO4	1	1	1	2	2
CLO5	1	1	2	2	2
3 - Substantial (high)		2 - Moderate (medium)		1 - Slight (low)	

Core - IV: Developmental Psychology – II

Unit	Content	No. of Hours
I	Childhood: Introduction - Characteristics of Childhood - Speech Improvement - Emotional Expression - Social Behaviour - Moral Development - Hazards of Childhood.	15
II	Adolescence: Introduction - Characteristics - Developmental Tasks - Physical Changes - Social and Morality Changes - Sex-role Typing - Family Relationships - Physical and Psychological Hazards.	15
III	Adulthood: Introduction - Characteristics - Developmental Tasks - Personal & Social Hazards – Vocational and Family Adjustment - Marital Adjustment - Hazards.	15
IV	Middle Age: Introduction - Characteristics - Developmental Tasks - Adjustment to Mental and Social Changes - Vocational Adjustment - Family Adjustment - Hazards.	15
V	Old Age: Introduction - Characteristics - Problems Unique to Old Age - Physical Adjustment - Adjustment to Motor Ability - Mental Adjustment - Vocational Adjustment - Adjustment to Retirement - Coping with Family Life - Hazards.	15
Total Hours		75
Text Books		
1.	Santrock, J.E (2021). Child Development, New Delhi: Tata McGraw Hill Publishing Company.	
2.	Hurlock, E.B (2017). Child Development (6 th ed.) London: McGraw Hill Book Company	
3.	Hurlock, E.B (2017). Developmental Psychology-A Life span Approach. (5th ed.) New Delhi: Tata McGraw Hill Publishing Company.	
Reference Books		
1.	Berk, L.E (2017). Child Development (9th ed). New Delhi: Pearson Education Pvt Ltd.	
2.	Papalia, D.E et.al (2017). Human Development (9th Ed). New Delhi: Tata McGraw Hill Publishing Company.	
3.	Santrock, J.E (2021). Child Development (2nd end) New Delhi: Tata McGraw Hill Publishing Company.	
4.	Leman, P., Bremner, A., Parke, R. D., & Gauvain, M. (2019). Developmental psychology. McGraw Hill	
Web Resources (Swayam / NPTEL)		
1.	https://nptel.ac.in/courses/109103395&sa=D&source=editors&ust=1713345927610301&usg=AOvVaw2-f8CnvcAd_sCu0jfG8Nm7	
2.	https://nptel.ac.in/courses/109104398&sa=D&source=editors&ust=1713345927621391&usg=AOvVaw0aHQU7i3_D1c8aVnGaLqWR	
3.	https://nptel.ac.in/courses/109106403&sa=D&source=editors&ust=1713345927625351&usg=AOvVaw2qT92EAXh_LdzKALPNkUpN	

Course Code	Course Name	Category	Hours / Week	Credits
24BPY25P	Experimental Psychology - II	Core Lab - II	4	2

S.No	List of Practicals	No. of Hours
I	Perception:	24
1.	Depth Perception	
2.	Size Constancy Apparatus	
3.	Kinesthetic Figural After Effect	
4.	Muller Lyer Illusion	
II	Feeling and Emotion	2
1.	Judging Emotions from Photographs	
III	Motivation	4
1.	Motivation Analysis Test	
2.	Achievement Motivation Scale	
3.	Social Motive Scale	
IV	Reaction Time	18
1.	Simple Reaction Time	
2.	Choice Reaction Time	
3.	Association Reaction Time	
V	Learning	10
1.	Maze Learning Apparatus	
2.	Habit Interference	
VI	Aptitude	2
1.	Clerical Aptitude	
Total Hours		60
Text Books		
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.	
Reference Books		
1.	Collins & Drever, J (1968). Experimental Psychology: Ludhiana: Lyall Book Depot	
2.	Kuppuswamy. B (2013). Elementary Experiments in Psychology, Madras: Oxford Publishing Press.	
3.	Woodworth, R.S. and Schlosberg H. (2015) Experimental Psychology. New Delhi: Oxford Publishing Co.	
4.	Freeman F.S. (2018). Theory and Practice of Psychological Testing: New Delhi: Oxford and IBH Publishing Co.	
Web Resources (Swayam / NPTEL)		
1.	https://www.classcentral.com/course/ethics-of-psychological-research-205930	
2.	https://www.classcentral.com/institution/cec	

Course Code	Course Name	Category	Hours / Week	Credits
24BPY26A	Biopsychology - II	Allied - II	4	3

Course Objectives

The course intends to cover

- The intricate connection between bodily functions, emotions, and daily rhythms, understanding how they mutually influence each other.
- The obscure ways in which alterations within one's body, physiological or biochemical, can influence cognitive processes and behaviors.
- Understanding why brain health is crucial and how it relates to conditions like neurodegeneration.

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Recall how body's mechanisms generate emotions and biological clock mechanisms are helpful in refining time management strategies.	K1
CLO2	Understand how the body's processes of learning, synaptic plasticity, and conditioning can optimize teaching methods, therapy techniques, and skill development programs.	K2
CLO3	Analyze the limbic system's role in memory and retrieval to leverage methods for enhancing memory and learning outcomes in educational and therapeutic settings.	K4
CLO4	Understand how cultural norms, socioeconomic factors, and biological influences intersect to shape reproductive behaviors in diverse populations.	K2
CLO5	Apply and analyze the practical ramifications of neurological, degenerative, and developmental disorders on individuals' daily lives, encompassing their social interactions, educational endeavors, and overall well-being.	K3, K4
K1 - Remember; K2 - Understand; K3 - Apply; K4 – Analyze		

CLO - PLO Mapping

CLOs/PLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	1	2	-	1	1
CLO2	3	3	1	2	1
CLO3	2	2	-	2	2
CLO4	3	2	1	1	2
CLO5	3	3	2	3	2
3 - Substantial (high)		2 - Moderate (medium)		1 - Slight (low)	

Allied - II: Biopsychology - II

Unit	Content	No. of Hours
I	Physiology of Emotions: Emotion as Response Patterns: Fear, Anger, and Aggression - Hormonal Control of Aggressive Behaviour - Communication of Emotions - Feelings of Emotions - Wakefulness and Sleep - Mechanisms of the Biological Clock.	12
II	Physiological Basis of Learning: Nature - Learning and Synaptic Plasticity - Mechanisms of Synaptic Plasticity, Long Term Depression - Perceptual Learning - Physiology of Classical Conditioning and Instrumental Conditioning.	12
III	Physiological Basis of Memory: Relational Learning - Human Anterograde Amnesia - Anatomy of Anterograde Amnesia - Failure of Relational Learning - Role of Hippocampal Formation in Spatial Memory - Relational Learning in Laboratory Animals.	12
IV	Physiology of Reproductive Behaviour: Hormonal Control of Sexual Behaviour: Female Reproductive Cycles and Laboratory Animals - Androgens and Sexual Differentiation - Chemical Communication and Sexual Behaviour - Neural Control of Sexual Behaviour.	12
V	Neurological Disorders: Nervous Disorders: Tumours, Seizure Disorders, Cerebrovascular Accidents - Disorders of Development - Degenerative Disorders: Transmissible Spongiform Encephalopathies, Parkinson's Disease, Huntington's Disease, Alzheimer's Disease, Multiple Sclerosis - Disorders Caused by Infectious Diseases.	12
Total Hours		60
Text Books		
1.	Carlson R.N. (2017). Foundations of Physiological Psychology (6 th Ed.). New Delhi, Pearson Education, Inc	
2.	James W. Kalat, (2023); Biopsychology, New Delhi; Cengage Learning India Pvt Ltd	
3.	Pineal, J. P. J. (2021). Biopsychology (6 th Ed.), India, Dorling Kindersley.	
Reference Books		
1.	Schneider, A.M. & Tarshis, B. (1986). An Introduction to Physiological Psychology. (3 rd Ed.). New York: Random House, Inc.	
2.	Baron, R.A. (2017). Psychology, 5th ed. New Delhi: Pearson Education.	
3.	Gerrig, R. J & Zimbardo, P. G. (2002). Psychology and life (16th Ed). USA: Allyn & Bacon publishers.	
4.	Myers, D.G. (2011). Psychology 12th edition. New York, Worth publishers.	
Web Resources (Swayam / NPTEL)		
1.	https://onlinecourses.swayam2.ac.in/cec22_ed18/preview	

**Components for Internal Assessment and
Distribution of Marks for CIA and ESE (Theory)**

Max Marks	Marks for		Components for CIA									
	CIA	ESE	CIA – I		CIA – II		Best of CIA-I & CIA-II	Model		Attendance	Active Engagement	Total
100	25	75	Actual	Weightage	Actual	Weightage	Weightage	Actual	Weightage	5	5	25
			50	5	50	5	5	75	10			

Question Paper Pattern

Component	Duration in Hrs.	Section A			Section B			Section C			Total
		Type of question	No. of questions	Marks	Type of question	No. of questions	Marks	Type of question	No. of questions	Marks	
CIA – I & II	2	MCQ	8	8x1=8	Either or	3	3x6=18	Either or	3	3x8=24	50
Model Exam /ESE	3	MCQ	10	10x1=10	Either or	5	5x5=25	Either or	5	5x8=40	75

**Components for Internal Assessment and Distribution of Marks
for CIA (Lab)**

Max Marks	Marks for		Components for CIA							
	CIA	ESE	Test – I		Test - II		Model		Observation	Total
100	40	60	Actual	Weightage	Actual	Weightage	Actual	Weightage	5	40
			50	10	50	10	60	15		

Examination Pattern

Component	Duration in Hrs.	Marks			Weightage
		Practical	Record	Total Marks	
Test – I	2	50	-	50	10
Test – II	2	50	-	50	10
Model	3	60	-	60	15
ESE	3	50	10	60	-

Part – IV : Foundation Courses

(All the Undergraduate Programmes)

Course Code	Course Name	Category	Hours / Week	Credits
24HUM2FC	Human Rights	FC - II	2	2

Unit	Content
I	<p>Concept of Human Values, Value Education Towards Personal Development</p> <p>Aim of Education and Value Education; Evolution of Value Oriented Education; Concept of Human Values; Types of Values; Components of Value Education.</p> <p>Personal Development:</p> <p>Self-analysis and Introspection; Sensitization towards Gender Equality, Physically Challenged, Intellectually Challenged. Respect to - Age, Experience, Maturity, Family Members, Neighbors, Co-workers.</p> <p>Character Formation towards Positive Personality:</p> <p>Truthfulness, Constructively, Sacrifice, Sincerity, Self-Control, Altruism, Tolerance, Scientific Vision.</p>
II	<p>Value Education Towards National and Global Development</p> <p>National and International Values:</p> <p>Constitutional or National Values - Democracy, Socialism, Secularism, Equality, Justice, Liberty, Freedom, and Fraternity.</p> <p>Social Values - Pity and Probity, Self-Control, Universal Brotherhood.</p> <p>Professional Values - Knowledge Thirst, Sincerity in Profession, Regularity, Punctuality, and Faith.</p> <p>Religious Values - Tolerance, Wisdom, Character.</p> <p>Aesthetic Values - Love and Appreciation of Literature and Fine Arts and Respect for the Same.</p> <p>National Integration and International Understanding.</p>
III	<p>Impact of Global Development on Ethics and Values</p> <p>Conflict of Cross-Cultural Influences, Mass Media, Cross-Border Education, Materialistic Values, Professional Challenges, and Compromise.</p> <p>Modern Challenges of Adolescent Emotions and Behavior; Sex and Spirituality: Comparison and Competition; Positive and Negative Thoughts.</p> <p>Adolescent Emotions, Arrogance, Anger, Sexual Instability, Selfishness, Defiance.</p>

Unit	Content
IV	Therapeutic Measures Control of the Mind through <ol style="list-style-type: none"> Simplified Physical Exercise Meditation – Objectives, Types, Effect on Body, Mind and Soul Yoga – Objectives, Types, Asanas Activities: <ol style="list-style-type: none"> Moralisation of Desires Neutralisation of Anger Eradication of Worries Benefits of Blessings
V	Human Rights <ol style="list-style-type: none"> Concept of Human Rights – Indian and International Perspectives <ol style="list-style-type: none"> Evolution of Human Rights Definitions under Indian and International Documents Broad Classification of Human Rights and Relevant Constitutional Provisions. <ol style="list-style-type: none"> Right to Life, Liberty and Dignity Right to Equality Right against Exploitation Cultural and Educational Rights Economic Rights Political Rights Social Rights Human Rights of Women and Children <ol style="list-style-type: none"> Social Practice and Constitutional Safeguards <ol style="list-style-type: none"> Female Feticide and Infanticide Physical Assault and harassment Domestic Violence Conditions of Working Women Institutions for Implementation <ol style="list-style-type: none"> Human Rights Commission Judiciary Violations and Redressal <ol style="list-style-type: none"> Violation by State Violation by Individuals Nuclear Weapons and terrorism Safeguards

Web Resources

1.	https://syllabus.b-u.ac.in/syl_college/ug_ve.pdf
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Course Code	Course Name	Category	Hours / Week	Credits
24SOF2AE	Soft Skills	AECC - II	2	2

Course Objectives

The course intends to cover

The essential soft skills that is crucial for success in today's dynamic and interconnected workplace.

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Understand the comprehensive skills to participate actively in conversation, writing short texts with expression	K1, K2, K3
CLO2	Infer the cohesive devices to describe and discuss any objects, pictures using compound, complex sentence forms.	K2, K3
CLO3	Comprehend the logic in the given situation to organize the ideas to write formal and informal letters.	K2, K3
CLO4	Understand the given material to organize it in a logical sequence to present a paragraph with main and supporting ideas with concluding sentences.	K3
CLO5	Present valuable ideas in conversation to emulate the main ideas and key points in short essays.	K3
K1 - Remember; K2 - Understand; K3 - Apply;		

Ability Enhancement Compulsory Course - II : Soft Skills

Unit	Details	No. of Hours
I	Presentation Skills : Getting to Know You: Grammar: Introduction to Tenses; Listening: Fill in the blanks; Speaking: Self Introduction, Everyday English, Role-Play; Reading: Different ways of communication. My Day: Grammar: Present simple positive & negative / Adverbs of Frequency; Vocabulary & Speaking: Daily Activities; Listening: Observe and Answer / Telling the time; Reading & Writing: Describe where you live. Your World: Grammar: Possessive determiners; Vocabulary & Speaking: Talk about countries, nationalities; Listening: Positive & negative contractions; Reading & Writing: Personal profile. The World Of Work: Grammar: Yes/No & Wh Questions; Vocabulary & Speaking: Jobs; Listening: Recognize the schwa sound; Reading & Writing: Opening and closing an email. Places And Things: Grammar: There is / there are, articles; Vocabulary & Speaking: Talk about rooms & furniture; Listening: Directions; Reading & Writing: Imperatives. 24 Hours: Grammar: Likes & Dislikes; Vocabulary & Speaking: Speak about hobbies and interests; Listening: Observe & answer; Reading: Match the photos with descriptions; Writing: Write complete sentence using prompts;	6
II	Confidence : Clothes and Shopping: Grammar: Modal verbs / Adverbs of Frequency / Adjectives and Adverbs; Vocabulary & Speaking: Shopping; Listening: Observe and Answer; Reading & Writing: Product Review. Travel & Transport: Grammar: Past simple questions; Vocabulary & Speaking: Talk about holidays; Listening: At the train station; Reading & Writing: Email - A perfect holiday. Health & Fitness: Grammar: Past simple irregular verbs; Vocabulary & Speaking: Talk about a healthy lifestyle; Listening: Listen & Answer; Reading & Writing: Time sequencers. Music: Grammar: Present perfect simple; Vocabulary & Speaking: Survey about music; Listening: Listen two people talk about music; Reading: Use adjectives and create sentences. Let's go shopping: Grammar: Countable & Uncountable; Vocabulary & Speaking: Town Survey; Listening: Listen and answer; Reading & Writing: Read and match	6
III	Creativity :Cooking & Eating: Grammar: Some & Any, Quantifiers; Vocabulary & Speaking: Food & Drink; Listening: Kitchen conversation; Reading & Writing: Article reading & answering. Survival: Grammar: Comparison of adjectives; Vocabulary & Speaking: Describing people; Listening: Listen & Answer; Reading & Writing: Read and Answer. Working Together: Grammar: Verb + Noun phrases; Vocabulary & Speaking: Talk about technology; Listening: Listen & Answer; Reading & Writing: Notice. Music: Grammar: Present perfect simple; Vocabulary & Speaking: Survey about music; Listening: Listen two people talk about music; Reading: Use adjectives and create sentences. Culture and Arts: Grammar: Present perfect; Vocabulary & Speaking: Speak on the phone; Listening: Listen and answer; Reading & Writing: Review	6

Unit	Content	No. of Hours
IV	Problem-Solving :Do's and Don'ts: Grammar: Modal verbs; Vocabulary & Speaking: Role play; Listening: Holidays in January; Reading & Writing: Article reading & answering. Body: Grammar: First conditional; Vocabulary & Speaking: Personality & Appearance; Listening: Listen to conversations about personality; Reading & Writing: Read and Answer about your skills. Speed: Grammar: Present simple passive; Vocabulary & Speaking: Talk about relationships; Listening: Listen & Answer; Reading & Writing: Error spotting. Work: Grammar: Adverbs of manner; Vocabulary & Speaking: Talk about work advice; Listening: Observe & Answer; Reading: Read & check your ideas	6
V	Critical Thinking : Influence: Grammar: would / past habits; Listening: Sentence Correction; Speaking & Vocabulary: Your inspiration; Reading: Picture description; Writing: Rewrite the sentences. Money: Grammar: Second conditional; Listening: radio programme; Speaking & Vocabulary: Talk about games; Reading & Writing: Fill in the blanks. Things that changed the world: Grammar: articles; Speaking & Listening: Talk about chewing gum; Reading & Writing: Read and write a book review	6
Total Hours		30

Components for and Distribution of Marks for ESE (Theory)
Ability Enhancement Compulsory Course(AECC)

Duration in Hours	Mode of Exam	Type of Questions	No. of Questions	Marks
2	Online	MCQ	50	50x1=50



Semester 3

Semester-3									
Course Code	Part	Course Category	Course Name	Hours/ Week	Examination				Credits
					Duration in hours	Max Marks			
						CIA	ESE	Total	
24TAM31L	I	Language-I	Tamil – III	4	3	25	75	100	3
24HIN31L	I		Hindi – III						
24MAL31L	I		Malayalam – III						
24FRE31L	I		French – III						
24ENG32L	II	Language-II	English – III	4	3	25	75	100	3
24BPY33C	III	Core – V	Abnormal Psychology - I	6	3	25	75	100	4
24BPY34C	III	Core – VI	Counselling Psychology- I	6	3	25	75	100	4
24BPY35P	III	Core Lab - III	Lab: Experimental Psychology-III	4	3	40	60	100	2
24BPY36A	III	Allied -III	Statistics in Psychology-I	4	3	25	75	100	3
24BPY37P	III	SEC – I	Lab :MS Office	2	3	40	60	100	2
24BAT3FC/ 24ADT3FC/ 24IKS3FC	IV	FC – II	Basic Tamil	-	2	50	-	50	2
			Advanced Tamil						
			Indian Knowledge Systems(IKS)*						
24MOO3AE	IV	AECC – III	Online Course – MOOC	-	-	-	-	-	2
Total				30				750	25

Part –I : Tamil –III
(All the Undergraduate Programmes)

Course Code	Course Name	Category	Hours / Week	Credit
24TAM31L	Tamil - III	Language - I	4	3

Course Objectives

- தமிழரின் பிற துறை சார்ந்த சிந்தனைகளைக் கற்றுத் தேர்தல்
- இன்றைய அறிவியல் வளர்ச்சி மற்றும் கணினியின் பயன்பாட்டுத் தேவையை உணர்த்துதல்
- இயற்கை பாதுகாப்பு குறித்த விழிப்புணர்வை வளர்த்தல்

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	வணிகத் தமிழ் - கணினித் தமிழின் நுட்பங்கள் மற்றும் பயன்பாடுகளை அறிதல்.	K1, K2
CLO2	ஊடகம் மற்றும் உளவியல் தன்மை குறித்த சிந்தனைகளை வளர்த்தல்.	K2
CLO3	சுற்றுலா - சுற்றுச்சூழலியல் தேவை மற்றும் மீட்டுருவாக்கம் குறித்து உணர்த்துதல்.	K3
CLO4	மேலாண்மை பற்றி அறிதல் மற்றும் சுயக்கற்றல் திறனை வளர்த்தல்.	K1, K3
CLO5	கொங்கு ஆளுமைகள் குறித்து அறியச் செய்தல்.	K2, K3
K1 - Remember; K2 - Understand; K3 – Apply		

Part – I: Tamil – III**பயன்பாட்டுத் தமிழ்**

Unit	Content	No. of Hours
I	வணிகம் மற்றும் கணினித் தமிழ் தமிழரின் வணிகம் - வணிகக் கடிதங்கள் - உலகமயமாக்கல் - செயற்கை நுண்ணறிவு கற்றல் - இணைய நூலகம் - இணையத் தமிழ் பயன்பாடு	12
II	ஊடகம் மற்றும் உளவியல் தமிழ் ஊடகத்தின் இன்றியமையாமை - நிகழ்வுகளைச் செய்திகளாக வடிவமைத்தல் - ஊடகத் துறையில் மொழியின் பங்கு - உளவியல் வரையறை - உளவியல் பிரிவுகள் - வகுப்பறை உளவியல் (ஆசிரியர், மாணவர்)	12
III	சுற்றுச்சூழலியல் மற்றும் சுற்றுலாவியல் தமிழரின் சூழலியல் அறிவு - சுற்றுச்சூழல் மாசுபாடு - சுற்றுச்சூழல் பாதுகாப்பு - சுற்றுலா வகைகள் - உலகப் புகழ்பெற்ற சுற்றுலாத் தலங்கள் - சுற்றுலா வளர்ச்சி மற்றும் பயன்கள்	12
IV	மேலாண்மைத் தமிழ் மற்றும் மொழிப்பயிற்சி மேலாண்மையும் அணுகுமுறைகளும் - மேலாண்மை செயல்பாடுகள் மற்றும் வகைகள் - வகுப்பறை மேலாண்மை - நேர்காணல் - நூல் திறனாய்வு மற்றும் மதிப்பீடு - படிவங்கள் பூர்த்தி செய்தல் மற்றும் விண்ணப்பங்கள்	12
V	பன்முக ஆளுமைகள் ஜி.டி.நாயுடு(அறிவியல்) - பத்மஸ்ரீ டாக்டர் பக்தவத்சலம்(மருத்துவம்) - நா மகாலிங்கம்(தொழில்) - மயில்சாமி அண்ணாதுரை(விஞ்ஞானம்) - என் ஜி ராமசாமி(சமூகம்) - நம்மாழ்வார்(விவசாயம்)	12
Total Hours		60

Reference Books

1	சுந்தரம்.இல, (2022) கணினித் தமிழ், விகடன் பிரசுரம்
2	மணியரசன்.துரை, (2019), இணையமும் இனியத் தமிழும், இசை பதிப்பகம்
3	பொன்னவைக்கோ.மு, (2015) இணையத் தமிழ் வரலாறு, பாரதிதாசன் பல்கலைக் கழகம்.
4	தங்கமணி இரா.ம, (2018) சுற்றுலாவியல், கொங்கு பதிப்பகம்
5	இலக்கியா க.வி, நந்தினி சா.சு,(2022), விடியல் பதிப்பகம்
6	சின்னத்தம்பி முருகேசன்.பொன்(2016) சுற்றுச் சூழலியல்(உலகம் தழுவிய வரலாறு), எதிர் வெளியீடு

Reference Books	
7	இறையன்பு.வெ (2018) இலக்கியத்தில் மேலாண்மை, நியூ செஞ்சுரி புக் ஹவுஸ்
8	ஸ்ரீனிவாசன்.வி, (2009), திருக்குறளில் மேலாண்மை, விகடன் பிரசுரம்
9	பட்டனத்தி மைந்தன், (2018), ஜி.டி நாயுடு, ராமையா பதிப்பகம்
10	டாக்டர் பக்தவத்சலம்.ஜி (2009) இதயம் ஒரு கோவில், விஜயா பதிப்பகம்

Question Pattern	
காலம் : 3 மணி நேரம்	மொத்த மதிப்பெண்கள் : 75
பிரிவு – அ	10x1=10
<ul style="list-style-type: none"> சரியான விடையைத் தேர்ந்தெடுத்து எழுதுக. 	
பிரிவு – ஆ	5x5=25
<ul style="list-style-type: none"> வணிகம் மற்றும் கணினித் தமிழ் - 1 வினா ஊடகம் மற்றும் உளவியல் தமிழ் - 1 வினா சுற்றுலாவியல் மற்றும் சுற்றுச்சூழலியல் - 1 வினா மேலாண்மைத் தமிழ் மற்றும் மொழிப்பயிற்சி- 1 வினா கொங்கு ஆளுமைகள் - 1 வினா 	
பிரிவு – இ	5x8=40
<ul style="list-style-type: none"> வணிகம் மற்றும் கணினித் தமிழ் - 1 வினா ஊடகம் மற்றும் உளவியல் தமிழ் - 1 வினா சுற்றுலாவியல் மற்றும் சுற்றுச்சூழலியல் - 1 வினா மேலாண்மைத் தமிழ் மற்றும் மொழிப்பயிற்சி- 1 வினா கொங்கு ஆளுமைகள் - 1 வினா 	

குறிப்பு : ஆ, இ பிரிவுகளில் வினாக்கள் "இது" அல்லது "அது" என்ற வகையில் அந்தந்த அலகுகளிலிருந்து அமைத்தல் வேண்டும்.

Course Code	Course Name	Category	Hours / Week	Credit
24HIN31L	Hindi - III	Language - I	4	3

Course Objectives

- May have knowledge of the contents of primitive poetry
- Learn about contemporary poetry and its techniques.
- Interest in reading poetry and the ability to express social thoughts will improve
- This will help you to understand the basics of Hindi literature and to understand Hindi literature properly
- Knowledge of the elements of poetry and the knowledge of subtle translation will improve

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	May have knowledge of the contents of primitive poetry	K1, K2
CLO2	Learn about contemporary poetry and its techniques.	K2
CLO3	Interest in reading poetry and the ability to express social thoughts will improve	K3
CLO4	This will help you to understand the basics of Hindi literature and to understand Hindi literature properly	K1, K3
CLO5	Knowledge of the elements of poetry and the knowledge of subtle translation will improve.	K2, K3
K1 - Remember; K2 - Understand; K3 - Apply		

Part – I: Hindi – III

Unit	Content	No. of Hours
I	Poetry: Kavya Lehar – By Dr. V. Baskhar Pracheen Kavitha 1. Mahatma Kaber – Saki 2. Goswamy Tulasidas – Ram-Van-Aman 3. Mahatma Soordas – Baal – Leela 4. Kavivar Rahim – Dohe	14
II	Poetry: Kavya Lehar – By Dr. V. Baskhar Aadhunika Kavitha 1. Mythili Sharn Gupth – Vikaral Bijali 2. Sumithranandan Panth – Parivarthan 3. Suryakanth Thripati Nirala – Sandhayasundarai 4. Ramdhari Sing Dinkar – Bhagavan Ke Dakkiya 5. Harivansray Bachchan – Kota Sikka 6. Agryeya – Anubhav Paripakva 7. Naresh Mehtha – Ullangan 8. Dharmaveer Bharathi – Tum Mere Koun Ho	14
III	History of Hindi Literature: (Sahityik Tippanian) 1. Ammer Kusro 2. Vidhyapathi 3. Chandbardhayi 4. Pruthiviraj Raso 5. Ramacharitha Manas 6. Vinaya Patrika	12
IV	Alankar: 1. Anupras 2. Yamak 3. Slesh 4. Vakrokti 5. Upama, 6. Roopak 7. Virodhabas	10
V	Translation: English - Hindi only Anuvadh abhyas – III (16-30 Lessons Only)	10
Total Hours		60

Text Books

1	Dr Baskhar V., (2006), Kavya lehar –Jawahar Pusthakalay, Sadar Bazaar, Mathura-U.P.281001.
2	Anuvadh abhyas-III, Dakshin Bharath Hindi Prachar Sabha Chennai – 17.

Reference Books

1	Rajnath sharma, (2010) Hindi sahitya ka saral ithihaas, Vinod Pustak Mandir, Agra-282
2	Kavya pradeep rambadri shukla, (2008) hindi bhavan, 36, tagore town, allahabad – 211 002.

Course Code	Course Name	Category	Hours/Week	Credit
24MAL31L	Malayalam - III	Language - I	4	3

Course Objectives

- May have knowledge of the contents of primitive poetry
- Learn about contemporary poetry and its techniques.
- Interest in reading poetry and the ability to express social thoughts will improve
- This will help you to understand the basics of Malayalam Poetry and to understand Malayalam literature properly
- It will provide knowledge of the elements of poetry.

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Get a basic knowledge of the history of Malayalam literature.	K1
CLO2	Enhances the art and taste of Malayalam literary works	K1
CLO3	Literary genres can be learned	K2
CLO4	Create more to read and enjoy Malayalam poetry	K3
CLO5	Get the basic Knowledge of poetry techniques	K4
K1 – Remember; K2-Understand; K3- Apply;K4-Analyse		

Part – I: Malayalam – III

Unit	Content	No. of Hours
I	Poetry – Chinthavishtayaya Seetha	14
II	Poetry – Chinthavishtayaya Seetha	14
III	Poetry – Mrugasikshakan - (Murgasikshakan, Kausalya, Varavu, Vittupoku Ekalavyan, Mazha) 6 poetries	12
IV	Poetry – Mrugasikshakan - (Kayal, Karkkadakam, Bhagavatham, Vazhivakkile naikutty, Edavelayil oru nimisham, Verumoru kathu) 6 poetries	10
V	Poetry – Aayisha	10
Total Hours		60

Text Books

1	Kumaranasan, (2012), Chinthavishtayaya Seetha, Kerala Book Store Publishers.
2	Vijayalakshmi, (2010), Mrugasikshakan, DC Books, Kottayam.
3	VayalarRamavarma,(2014), Aayisha, Kerala Book Store Publishers.

Reference Books

1	Dr.Leelavathi M, (2015) Kavitha SahithyaCharitram, Kerala Sahithya Academy, Trichur.
2	Dr.Leelavathi M, (2015) Kavitha Dwani, D.C.Books, Kottayam.
3	Dr.George K.M, (2014) Aadhunika Sahithyacharithram Prasthanangalilude, D.C.Books, Kottayam.
4	Chummar T.M. (2009) Padya Sahithya Charithram, Kerala Sahithya Academy, Trichur.

Course Code	Course Name	Category	Hours/Week	Credit
24FRE31L	French - III	Language – I	4	3

Course Objective

To interact in a simple way, ask and answer simple questions about themselves, where they live, people they know, and things they have, initiate and respond to simple statements in areas of immediate need or on very familiar topics, rather than relying purely on a very finite rehearsed, lexically-organized repertoire of situation-specific phrases.

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Comprehend a repertoire of vocabulary	K1
CLO2	Understand tenses and intermediary level of grammar	K2
CLO3	Try to converse in unknown situation	K3
CLO4	Translate unknown texts on familiar topics	K4
K1 – Remember; K2-Understand; K3- Apply; K4-Analyse		

Part – I: French – III

Unit	Content	No. of Hours
I	Etape 1 (Lecons 1 - 3)	14
II	Etape2 (Lecons 1 - 3)	14
III	Etape 3 - Leçons 1 – 2	12
IV	Etape 3 – Leçon 3	10
V	Etape 4 – Leçon 1	10
Total Hours		60

Text Book

1.	Céline Himber, Corina Brillant, Sophie Erlich, (2014), Adomania2 – Methode Defrancais, Publisher : Hachette Fle
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Reference Book

1.	Yves Loiseau, Régine Merieux (2009), Latitudes 1, Publisher: French and European Publications Inc.
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Course Code	Course Name	Category	Hours/ Week	Credits
24ENG32L	English-III	Language- II	4	3

Course Objectives

The course intends to cover

- Various genres of literature
- Inter personal skills essential at work environment

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	List out the connotations and denotations to pen poems.	K1
CLO2	Identify complex characters to navigate philosophical and intellectual learning and employ it in work place.	K2
CLO3	Interpret various prose styles to enhance creative writing	K3
CLO4	Compute vocabulary and grammatical proficiency in communication to enhance clarity in content creation.	K3
CLO5	Practice communication skills to be effective in lifelong learning.	K3
K1 – Remember; K2-Understand; K3- Apply		

Part-II: English-III

Unit	Content	No. of Hours
I	Poetry 1. Nothing Will Die – Alfred Lord Tennyson 2. Porphyria’s Lover – Robert Browning 3. Obituary – A K Ramanujan	12
II	Scenes from William Shakespeare’s Plays 1. Romeo and Juliet – The Balcony Scene 2. Merchant of Venice - Court Scene 3. Julius Caesar - Murder Scene	12
III	Famous Speeches 1. You’ve Got to Find What You Love-Steve Jobs 2. You Will Prevail -Sundar Pichai 3. I am Malala – Malala Yousafzai	12
IV	Language Competency 1. Identifying types of Sentences 2. Sentence Structure 3. Active Voice and Passive Voice 4. Direct and Indirect Speech	12
V	English for Communication Listening and Speaking Participating in a Group Discussion 1. Group discussion as a selection process 2. Different kinds of Group Discussion 3. Structure of Group Discussion 4. Successful Group Discussion Techniques 5. Group Discussion – Do’s and Don’ts Reading and Writing 1. Reading diagrammatic information-interpretations maps, graphs and pie charts 2. Narrative writing– Two to three paragraphs 3. Dramatizing everyday situations/social issues through skits. (Writing scripts and performing)	12
Total Hours		60
Reference Book		
1.	Wren, P.C. (1973). High school English grammar and composition.	
Web Resources (Swayam/NPTEL)		
1.	https://nptel.ac.in/courses/109106129	
2.	https://nptel.ac.in/courses/109104031	

Course Code	Course Name	Category	Hours / Week	Credits
24BPY33C	Abnormal Psychology - I	Core - V	6	4

Course Objectives

The course intends to cover

- Paradigms and historical perspectives to understand abnormal behavior.
- Diagnostic methods and classifications for effective assessment.
- Psychological disorders and therapeutic approaches for better coping.

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Remember and understand the foundational principles, perspectives, and historical context of abnormal psychology to evaluate paradigms and their applications.	K1, K2
CLO2	Understand and classify abnormal disorders, using established diagnostic criteria to evaluate symptoms and categories effectively.	K2, K4
CLO3	Identify and analyze the symptoms, causes, and treatments of stress-related disorders, including adjustment, acute stress, and dissociative disorders.	K3
CLO4	Apply knowledge to determine symptoms and causes of bodily maladaptive disorders such as eating, sleep, psychophysiological, and somatoform disorders.	K3
CLO5	Analyze and interpret anxiety, trauma, and obsessive-compulsive disorders, formulating appropriate therapeutic approaches.	K3
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze		

CLO - PLO Mapping

CLOs/PLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	2	-	1	1
CLO2	3	3	1	2	2
CLO3	2	2	1	3	-
CLO4	2	3	2	2	3
CLO5	1	2	3	3	3
3 - Substantial (high)		2 - Moderate (medium)		1 - Slight (low)	

Core - V: Abnormal Psychology - I

Unit	Details	No. of Hours
I	Introduction to Abnormal Psychology: Understanding Psychopathology - The Supernatural Tradition - The Biological Tradition - The Psychological Tradition - The Present: The Scientific Method & An Integrative Approach.	18
II	Clinical Assessment and Classification: Introduction to DSM V, DSM V TR, ICD 11 - Advantages & Disadvantages of Classifications - Interview, Intelligence Test, Neuropsychological Tests, Personality Assessment, Behavioural Assessment, Cognitive Assessment & Bodily Assessment.	18
III	Anxiety and Related Disorders: Anxiety Disorders: Generalized Anxiety Disorder, Panic Disorder, Phobias, Social Anxiety Disorder - Obsessive Compulsive Disorder - Posttraumatic Stress Disorder - Bodily Dysmorphic Disorder - Hoarding Disorder - Trichotillomania - Excoriation - Interpreting and Treating Anxiety disorders.	18
IV	Personality and Mood Disorders: Personality Disorders: An Overview of Personality Disorders - Cluster A, Cluster B, Cluster C Personality Disorders. Mood Disorders & Suicide: Understanding & Defining Mood Disorders (Depression & Mania, Bipolar Disorder, Depressive Disorders), Causes, Treatment - Suicide: Causes, Risk Factors & Treatment.	18
V	Eating And Sleep - Wake Disorders: Eating Disorders: Types (Bulimia, Nervosa, Anorexia Nervosa & Binge Eating Disorder), Causes & Treatment. Sleep-Wake Disorders: Insomnia, Hypersomnolence Disorders, Narcolepsy, Breathing - Related Sleep Disorders & Circadian Rhythm Sleep Disorders - Treatment.	18
Total Hours		90
Text Books		
1.	Barlow H.D. & Durand M.V. (2018). Abnormal Psychology: An Integrative Approach (8th Ed.), New Delhi. Cengage Learning.	
2.	Sarason I. G. & Sarason B. R. (2017). Abnormal Psychology- The Problem of Maladaptive Behaviour, 11th Edition: New Delhi: Prentice Hall of India	
Reference Books		
1.	Kring et.al. (2010). Abnormal Psychology (11th Ed.). New Delhi: Wiley India Pvt. Ltd.	
2.	Ray, W. J. (2021). Abnormal psychology (3rd ed.). SAGE Publications, Inc.	
Web Resources (Swayam / NPTEL)		
1.	https://onlinecourses.nptel.ac.in/noc25_hs68/preview	

Course Code	Course Name	Category	Hours / Week	Credits
24BPY34C	Counselling Psychology - I	Core - VI	6	4

Course Objectives

The course intends to cover

- Foundations, history, and key processes of counselling psychology.
- Skills for effective counsellor-counselee relationships and Counselling techniques.
- Analysis and application of various Counselling theories and approaches.

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Understand the foundational principles and historical development of Counselling psychology to evaluate its evolution and scope.	K1, K2
CLO2	Design and structure key elements of the Counselling process, including stages and techniques	K3
CLO3	Assess and develop skills essential for effective counsellor-counselee relationships.	K4
CLO4	Analyse and evaluate various theories of Counselling to determine their relevance and application	K4
CLO5	Describe and differentiate between diverse approaches to Counselling to identify the most appropriate methods for specific contexts.	K2
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyse		

CLO - PLO Mapping

CLOs/PLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	2	1	2	2
CLO2	3	3	2	2	3
CLO3	2	3	2	3	2
CLO4	3	2	3	1	3
CLO5	2	2	3	3	3
3 - Substantial (high)		2 - Moderate (medium)		1 - Slight (low)	

Core - VI: Counselling Psychology - I

Unit	Details	No. of Hours
I	Introduction: Definition of Counselling – History of Counselling - The Personality and Background of the Counsellor – Professional Aspects of Counselling – Attributes and Systematic Framework of Counselling – Ethics and Counselling.	18
II	Counselling Process: Factors that Influence the Counselling Process – Types of Initial Interviews: Client- vs. Counsellor-Initiated, Information-Oriented First, Relationship-Oriented First Interviews – Conducting the Initial Interview: Empathy, Verbal and Non Verbal Behaviour, Non Helpful Interview Behaviour– Exploration and the identification of Goals	18
III	Counselling Relationships: Counsellor Skills in the Working Stage of Counselling: Understating and Action, Transference and Countertransference, The Real Relationship, Function and Timing of Closing, Issues in Closing, Resistance to Closing, Premature and Counsellor Initiated Closing, Issues Related to Closing.	18
IV	Theories of Counselling: Psychoanalytic, Adlerian and Humanistic Theories of Counselling– Psychoanalytic theories – Psychoanalysis - Adlerian theory – Adlerian Counselling - Humanistic theories – Person-centered Counselling, Existential Counselling and Gestalt therapy.	18
V	Approaches in Counselling: Behavioural, Cognitive, Systemic, Brief and Crisis Theories of Counselling – Behavioural Counselling – Cognitive and Cognitive-Behavioural Counselling – Systems Theories – Brief Counselling Approaches: Solution-focused Counselling, Narrative Counselling – Crisis and Trauma Counselling Approaches.	18
Total Hours		90
Text Books		
1.	Gladding, S.T. (2018). Counselling– A Comprehensive Profession (8 th ed). Pearson Education.	
2.	Jones, R.N. (2014). Practical Counselling and Helping Skills (6 th ed). Sage Publication Ltd, London	
Reference Books		
1.	Nelson-Jones R., (2012). Basic Counselling Skills: A Helper's Manual, SAGE South Asia	
2.	Patri, VasanthaR , (2001). Counselling Psychology, New Delhi: Authors Press 2	
3.	Narayana Rao, S. (2013), Counselling and Guidance -3rd edition, Tata McGraw Hill, New Delhi	
Web Resources (Swayam / NPTEL)		
1.	https://onlinecourses.swayam2.ac.in/cec23_hs06/preview	

Course Code	Course Name	Category	Hours / Week	Credits
24BPY35P	Experimental Psychology - III	Core Lab – III	4	2

Core Lab - III: Experimental Psychology - III

S.No	Experiments	No. of Hours
I	Imagination:	6
1.	Vividness of Imagery	
II	Personality:	12
1.	Eysenck Personality Inventory	
2.	Rotter's I-E Locus of Control	
III	Memory:	18
1.	Span of Immediate Memory (Rakhi Bhargava).	
2.	Long Term Memory Scale	
3.	Short Term Memory Scale	
IV	Aspiration:	12
1.	Level of Aspiration Measure (Mahesh Bhargava and M.A. Shah)	
2.	Educational Aspiration Inventory (T. Pradeep Kumar)	
V	Adjustment:	6
1.	Guidance Need Inventory	
VI	Anxiety:	6
1.	State-Trait Anxiety	
	Total Hours	60

Text Books	
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.	Collins and Drever J (1968). Experimental Psychology: Ludhiana: Lyall Book Depot.
Reference Books	
1.	Kuppuswamy. B (2013). Elementary Experiments In Psychology, Madras: Oxford Publishing Press.
2.	Woodworth, R.S. & Schlosberg, H. (2015). Experimental Psychology. New Delhi: Oxford Publishing Co.
Web Resources (Swayam / NPTEL)	
1.	https://onlinecourses.nptel.ac.in/noc25_hs29/preview

Course Code	Course Name	Category	Hours / Week	Credits
24BPY36A	Statistics in Psychology - I	Allied - III	4	3

Course Objectives

The Course intends to cover

- The major methods of statistics in psychology
- The importance of the use of statistical analyses and the reporting of statistical results
- Demonstrate knowledge of ethical principles and limitations of research in psychology

Course Learning Outcomes

CLO	CLO Statements	Knowledge Level
CLO1	Remember the primary methods of inquiry and statistical analysis in psychology	K1
CLO2	Understand the advantages and limitations of different statistical methods used in psychological research	K2
CLO3	Understand the definition ,meanings and importance of variability	K2
CLO4	Apply the statistical data through various method in correlation	K3
CLO5	Analyze the uses of distributions and Test in Statistical methods	K4
K1 - Remember; K2 - Understand; K3 - Apply; K4 – Analyze		

CLO – PLO Mapping

CLOs/PLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	2	2	2	-	1
CLO2	3	3	2	1	1
CLO3	2	2	1	1	2
CLO4	2	1	3	1	2
CLO5	1	2	2	-	1
3 - Substantial (high)		2 - Moderate (medium)		1 - Slight (low)	

Allied III: Statistics in Psychology - I

Unit	Details	No. of Hours
I	Introduction to Statistics: Meaning of Statistics - Importance of Statistics in Education and Psychology – Prerequisites for studying statistics: Scales of Measurement - Organization of Data: Meaning and Methods of Organizing Data: Meaning, Rank Order, Frequency Distribution and Table and Cumulative Frequency and Cumulative Percentage Frequency Distribution.	12
II	Graphical Representation of Data: Meaning, Advantages and Modes of Graphical Representation of Data – Polygon and Ogives - Measures of Central Tendency - Mean, Median, Mode, Computation of Median and Mode and Its uses.	12
III	Percentile and Measures of Variability: Percentile: Meaning, Definition, defining quartiles and deciles and computations-percentile rank. Measures of variability: Meaning and importance, types (range, quartile deviation, average deviation and standard deviation) and its uses.	12
IV	Correlation and Normal Curve: Correlation: Linear Correlation – meaning and types, Coefficient of Correlation, construction of scatter diagram. Normal Curve: Skewness and Kurtosis, characteristics, properties, applications and illustrations	12
V	Chi Square and Contingency Coefficient: Chi Square: Uses – Test of “Goodness of Fit” and Test of Independence between Two Variables – Procedures – Assumptions and Limitations. Contingency Coefficient.	12
Total Hours		60
Text Book		
1.	S.K.Mangal, “Statistical in Psychology and Education”, PHI Learning Private Ltd, Delhi, Second Edition, 2024.	
Reference Books		
1.	Garrett, H.E. (2004),”Statistics in Psychology and Education”, 6th Edition, New Delhi: Paragon International Publishers.	
2.	2 Guilford, J.P., and Fruchter. (1987),”Fundamental Statistics in Psychology and Education”, 6th Edition, Singapore: McGraw Hill.	
Web Resources (Swayam / NPTEL)		
1.	https://archive.nptel.ac.in/courses/111/107/111107128/	

Course Code	Course Name	Category	Hours / Week	Credits
24BPY37P	MS Office - Lab	SEC-I	2	2

Course Objectives

The Course intends to cover

- To familiarize with working in MS-WORD
- To understand the working in MS-EXCEL
- To understand the working in MS-POWERPOINT

Course Learning Outcomes

CLO	CLO Statements	Knowledge Level
CLO1	Recall various techniques of working in MS-WORD	K1
CLO2	Preparing appropriate personal bio data	K3
CLO3	Applying financial data using EXCEL tools.	K3
CLO4	Understanding various tools used in MS-EXCEL	K2
CLO5	Preparing presentations for seminars and lectures using animations	K3
K1 - Remember; K2 - Understand; K3 - Apply		

CLO – PLO Mapping

CLOs/PLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	3	3	3	2
CLO2	3	3	3	3	2
CLO3	3	3	3	3	2
CLO4	3	3	3	3	2
CLO5	3	3	3	3	2
3 - Substantial (high)		2 - Moderate (medium)		1 - Slight (low)	

SEC-I: MS Office - Lab

Details
MS-Word: 1. Prepare an invitation for the college function using Text boxes and clip-arts. 2. Design an invoice and Account sales by using Drawing toolbar, Clip Art, Word Art, Symbols, Borders and Shading. 3. Prepare a Class Time Table and perform the following operations: Inserting the table, Data Entry, Alignment of Rows and Columns, Inserting and Deleting the Rows and Columns and Change of Table Format. 4. Prepare Bio-Data by using Wizard/Templates.
MS-Excel: 5. Prepare a mark list of your class (minimum of 5 subjects) and perform the following operations: Data Entry, Total, Average, Result and Ranking by using arithmetic and logical functions and sorting. 6. Draw the different types of charts (Line, Pie, Bar) to illustrate year-wise performance of sales, purchase, profit of a company by using a chart wizard. 7. Prepare a Product Life Cycle which should contain the following stages: Introduction, Growth, Maturity, Saturation, and Decline.
MS PowerPoint: 8. Design presentation slides for a product of your choice. The slides must include name, brand name, type of product, characteristics, special features, price, special offer etc. Add voice if possible to explain the features of the product. The presentation should work in manual mode. 9. Design slides for the headlines News of a popular TV Channel. The Presentation Should contain the following transactions: Top down, Bottom up, Zoom in and Zoom out - The presentation should work in custom mode. 10. Design presentation slides for the Seminar/Lecture Presentation using animation
Total Hours-30

Text Books	
1.	Sanjay Saxena (2000), “MS-Office 2000”, Vikas Publishing House Private Ltd
Reference Books	
1.	Timothy J.O’Leary and Lindai O’Leary(2000) , “ MS-Office “, Irwin/McGraw Hill.
2.	Joyce Cox and Pily Urban (1999)- Quick Course in Microsoft Office – Golgota publications
Web Resources(Swayam/NPTEL)	
1	https://onlinecourses.swayam2.ac.in/cec25_cs02/preview

Part – IV – Foundation Courses

(All the Undergraduate Programmes)

Semester - III

Course Code	Course Name	Course Category	Hours/Week	Credits
24IKS3FC	Indian Knowledge System(IKS)	FC-III	-	2

Unit	Content
1	Indian Knowledge System (IKS) Basic Concepts - Introduction - Journey of Indian Culture and Civilization - Hindu Philosophical System - Contribution of Indian Knowledge System in Science and Arts - Indian Knowledge System and Way of Life - The Implicit Concepts in Indian Knowledge System - Social Viewpoint in Indian Knowledge system - Idea of Vasudhaiva Kutumbakam.
2	Indian Culture, Art & Architecture - Introduction - Concept of Culture - Culture and Heritage - General Characteristics of Culture - Indian Culture - Indian Culture during the Modern and Contemporary Period -The Factors of Unity in Diversity - Aspects of Indian culture - Indian Architecture - Architecture of Tamil Nadu.
3	Vedic Mathematics - Introduction - History of Vedic Mathematics - Addition - Subtraction - Base Method - Sub Base Method - Multiplication by numbers consisting of all 9s - Division - Special Methods of Division - Straight Division.
4	Science and Technology in Indian Knowledge System - Introduction - The Indian S & T Heritage - Metals and Metalworking Technology - Lost wax casting of Idols and Artefacts - Literary sources for Science and Technology - Technology in Ancient India - Significant Science and Technology Discovery in Ancient India - Council of Scientific and Industrial Research - Animal Science in Ancient India - Biodiversity and folk traditions.
5	History of Trade and Commerce in Ancient India - Introduction - Indigenous Banking System - Rise of Intermediaries - Transport - Major Trade Centres - Major Exports and Imports - Position of Indian Subcontinent in World Economy.
6	Indigenous Agriculture in IKS - Introduction - History of Indian Agriculture - Indigenous Knowledge - Organic Farming and Natural Fertilization - Mixed Cropping and Crop Rotation - Ecological and Socioeconomic Impacts of Indigenous Farming - Challenges and Future Directions.

Unit	Content
7	Traditional Water Management Systems of India - Introduction - Traditional Water Management Systems - Northern Region - North Western Region - North Eastern Region - Central Indian Region - Southern Indian Region.
8	Traditional Foods and Festival of India - History - Introduction - Foods Consumed in Different Regions of India - Eating Styles of India - Traditional Equipment's used for Cooking - Changes in Consumption of Traditional Foods - Traditional Foods/Modern Functions - The Future of Traditional Foods - Traditional Festivals of India.
9	Sports in India-From Ancient Period to Modern Period - Introduction - Indus Valley Civilization - Early Hindu Period/ Epic Period - Traditional Indoor and Outdoor Games - British Period - Post Independence - Modern period.
10	Nobel Laureates of Indian Origin & Inspiring Scientists of India and their Contributions - History of the Nobel Prize - Nobel Prize Insignia - Indian Nobel Prize winners and their Biography - Inspiring Scientists and their Contributions.

Reference Resources	
1.	https://www.education.gov.in/shikshakparv/docs/background_note_Stimulating_Indian_Knowledge_Systems_Arts_Culture.pdf
2.	Singh, R. K., King, C. A., & Barrett, D. A. (2010). Traditional ecological knowledge and agricultural sustainability in India. Indian Journal of Traditional Knowledge, 9(2), 231- 243

Components for Internal Assessment and Distribution of Marks for CIA and ESE (Theory)

Max Marks	Marks for		Components for CIA						
100	CIA	ESE	CIA		Model		Attendance	Active Engagement	Total
	25	75	Actual	Weightage	Actual	Weightage	5	5	25
			50	5	75	10			

Question Paper Pattern

Component	Duration in Hours	Section A			Section B			Section C			Total
		Type of Question	No. of Questions	Marks	Type of Question	No. of Questions	Marks	Type of Question	No. of Questions	Marks	
CIA	2	MCQ	8	8x1=8	Either or	3	3x6=18	Either or	3	3x8=24	50
Model Exam / ESE	3	MCQ	10	10x1=10	Either or	5	5x5=25	Either or	5	5x8=40	75

Components for Internal Assessment and Distribution of Marks for CIA (Lab)

Max Marks	Marks for		Components for CIA						
	CIA	ESE	Test		Model		Experiments / Programs	Observation	Total
	40	60	Actual	Weightage	Actual	Weightage	Marks	5	40
100			50	10	60	15	10		

Examination Pattern

Component	Duration in Hours	Marks			Total Marks
		Practical Exam	Record	Weightage	
Test	2	50	-	10	50
Model	3	60	-	15	60
Experiments	-	-	-	10	10
Observation	-	-	-	05	05
Total Marks - CIA				40	40
ESE	3	50	10	-	60

**Components for Internal Assessment and
Distribution of Marks for CIA (Foundation Course - Theory)**

Max Marks	Marks for		Components for CIA				
50	CIA	ESE	CIA		Model		Total
			Actual	Weightage	Actual	Weightage	
	50	-	50	25	50	25	50

Question Paper Pattern

Duration in Hours	Mode of Exam	Type of Questions	No. of Questions	Marks
2	Offline	Open Choice	5 (Out of 8)	5 x 10=50

**Components for and Distribution of Marks for ESE (Theory)
Ability Enhancement Compulsory Courses (AECC)
&
Question Paper Pattern**

Duration in Hours	Mode of Exam	Type of Questions	No. of Questions	Marks
2	Online	MCQ	50	50x1=50

