



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 2025 - 26 for Under Graduate Programme

**Learning Outcomes Based Curriculum Framework - (LOCF) model with
 Choice Based Credit System (CBCS)**

Programme: B.Sc. Psychology (B.Sc. Psy)

Programme Code: BPY

(Applicable for the Students admitted during the academic year 2025 - 26 onwards)

Eligibility

The Students should have passed the Higher Secondary Examination (As per the eligibility condition given by Bharathiar University Ref. BU/R/B3-B4/Eligibility Condition/2025/7960 dated 08/05/2025).

Program Learning Outcomes (PLOs)

The successful completion of 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-I	4	4 X 4	16	4 X 3	12	12	1 - 4
II	Language-II	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	Liberal Arts(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	
25TAM11L	I	Language- I	Tamil – I	4	3	25	75	100	3
25HIN11L	I		Hindi – I						
25MAL11L	I		Malayalam – I						
25FRE11L	I		French – I						
25ENG12L	II	Language-II	English – I	4	3	25	75	100	3
25BPY13C	III	Core - I	Basic Psychology-I	5	3	25	75	100	4
25BPY14C	III	Core - II	Developmental Psychology-I	5	3	25	75	100	4
25BPY15P	III	Core Lab - I	Experimental Psychology Lab - I	4	3	40	60	100	2
25BPY16A	III	Allied – I	Biopsychology-I	4	3	25	75	100	3
25ENV1FC	IV	FC – I	Environmental Studies	2	2	50	-	50	2
25SOF1AE	IV	AECC – I	Soft Skills	2	2	-	50	50	2
Total				30				700	23

Semester 1

Course Code	Course Name	Category	Hours / Week	Credits
25TAM11L	Tamil – I	Language – I	4	3

Course Objectives

- இலக்கிய வளர்ச்சியை அறிந்து கொள்ளுதல்
- 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 அறிந்து கொள்ளுதல்.	K2, K3
CLO3	சிறந்த படைப்பாளர்களின் சிறுகதையில் வெளிப்படும் சமூகச் சிந்தனைகளை 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 அடைதல்.	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"> உலகத்தை நோக்கி வினவுதல் - பாரதியார் பாரதிதாசன் கவிதைகள் - பாரதிதாசன் <ul style="list-style-type: none"> தமிழ்ப்பேறு ஒற்றுமையே உயிர்நிலை - நாமக்கல் கவிஞர் தேவதேவன் கவிதைகள் - தேவதேவன் <ul style="list-style-type: none"> சாலையும் மரங்களும் செருப்பும் புதிய வீடு ஆலாபனை - கவிக்கோ அப்துல் ரகுமான் <ul style="list-style-type: none"> போட்டி பாதை புத்தகச் சந்தை - கவிஞர் வாலி 	14
II	<p>சமூகம்</p> <ol style="list-style-type: none"> எட்டாவது சீர்..... - ஈரோடு தமிழன்பன் தொலைந்து போனேன் - கவிஞர் தாமரை திருநங்கைகள் காகிதப் பூக்கள் - நா. காமராசன் மரங்களைப் பாடுவேன் - வைரமுத்து புள்ளிப் பூக்கள் (ஹைக்கூ) - அமுத பாரதி நாட்டுப்புறப் பாடல்கள் (தாலாட்டுப் பாடல் , தெம்மாங்குப் பாடல் , உழவுத்தொழில்) 	14
III	<p>சிறுகதை</p> <ol style="list-style-type: none"> காஞ்சனை - புதுமைப்பித்தன் சுமைதாங்கி - ஜெயகாந்தன் சோற்றுக் கணக்கு - ஜெயமோகன் ஆறு யானைகள் - எஸ்.ராமகிருஷ்ணன் மரத்தைக் கர்ப்பம் சுமந்தவள் - ஆண்டாள் பிரியதர்சினி 	12

Unit	Content	No. of Hours
IV	<p>இலக்கிய வரலாறு</p> <ol style="list-style-type: none"> 1. மரபுக்கவிதையின் தோற்றமும் வளர்ச்சியும் 2. புதுக்கவிதையின் தோற்றமும் வளர்ச்சியும் 3. ஹைக்கூ கவிதையின் தோற்றமும் வளர்ச்சியும் <p>சிறுகதையின் தோற்றமும் வளர்ச்சியும்</p>	10
V	<p>இலக்கணம்</p> <ol style="list-style-type: none"> 1. எழுத்துகள் (முதல் எழுத்துகள், சார்பெழுத்துகள்) 2. எழுத்துக்களின் பிறப்பு 3. மாத்திரைகள் 4. பயிற்சிக்குரியன - மொழிபெயர்ப்பு (ஆங்கிலத்திலிருந்து தமிழுக்கு மொழிபெயர்த்தல்) 	10
Total Hours		60

Reference Books	
1	பேரா. குருசாமி, ம.ரா.போ. (2014), பாரதி பாடல்கள், ஆய்வுப் பாதிப்பு, தமிழ்ப் பல்கலைக் கழகம், தஞ்சாவூர்.
2	அப்துல் ரகுமான்,(2000), ஆலாபனை, கவிக்கோ பதிப்பகம்
3	தாமரை கவிதைகள், (2012), நியூ செஞ்சுரி புக் ஹவுஸ்
4	வரதராசனார் மு, (2021), தமிழ் இலக்கிய வரலாறு, சாகித்ய அகாடமி பதிப்பு.
5	முனைவர் பஞ்சாங்கம் கா, (2017), தமிழ் இலக்கிய வரலாறு, காவ்யா பதிப்பகம்.
6	முனைவர் வேங்கடராமன் கா. கோ (2008), தமிழ் இலக்கிய வரலாறு, கலையக வெளியீடு.
7	பரந்தாமனார் அ.கி. (2002), நல்ல தமிழ் எழுத வேண்டுமா?, அல்லி நிலையம்.
8	ராமகிருஷ்ணன் எஸ் (2006), 100 சிறந்த சிறுகதைகள் (தொகுதி 1 & 2) பதிப்பகம்: தேசாந்திரி பதிப்பகம்
9.	குமரன் கோ (2010), தமிழ் இலக்கணம் எளிய அறிமுகம் , சந்தியா பதிப்பகம்
10	சக்திவேல் சு,(2012), நாட்டுப்புறவியல், மணிவாசகர் பதிப்பகம்

Question Pattern

காலம் : 3 மணி நேரம்

மொத்த மதிப்பெண்கள் : 75

பிரிவு - அ 10x1=10

- சரியான விடையைத் தேர்ந்தெடுத்து எழுதுக.

பிரிவு - ஆ 5x5=25

- செய்யுள் - 1 வினா
- செய்யுள் - 1 வினா
- சிறுகதை - 1 வினா
- இலக்கிய வரலாறு - 1 வினா
- இலக்கணம் - 1 வினா

பிரிவு - இ 5x8=40

- செய்யுள் - 1 வினா
- செய்யுள் - 1 வினா
- சிறுகதை - 1 வினா
- இலக்கிய வரலாறு - 1 வினா
- மொழிபெயர்ப்பு - 1 வினா

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

Course Code	Course Name	Category	Hours / Week	Credits
25HIN11L	Hindi - I	Language – I	4	3

Course Objectives

- Improves grammatical knowledge
- Will continue to read and learn about articles and think about them
- It is possible to read and understand short stories and understand the thoughts and life of the people of this state
- Translation knowledge and the ability to read and analyze a message are also available

Course Learning Outcomes

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

CLO	CLO Statements	Knowledge Level
CLO1	Understand the text styles and grammatical elements	K1, K2
CLO2	Discuss the content of a reading passage	K2, K3
CLO3	Develop an interest in the appreciation of short stories	K3
CLO4	Comprehend the grammatical structures and sentence making	K1, K3
CLO5	Understand the language and developing English to Hindi translation skill	K2, K3
K1 - Remember; K2 - Understand; K3 - Apply		

Part – I: Hindi – I

Unit	Content	No. of Hours
I	Prose : Nuthan Gadya Sangrah Lesson 1 – Bharathiya Sanskurthi - Dr.Rajendra Prasad Lesson 3 – Razia - Ramaviksha Benipuri Lesson 4 – Makreal - Yespal Lesson 5 – Bahtha Pani Nirmala -‘Ageya’ Lesson 6 – Rashtrapitha Mahathma Gandhi - Mukthibodh Lesson 9 – Ninda Ras - Harishankar Parsayi.	14
II	Non Detailed Text Short Stories: Kahani Kunj Pareksha - Premchand Mamtha - Jayashankar Prasad Apna paraya - Jaynendrakumar Admi ka bachcha - Yespal Bolaram ka jeev - Harishankar Parsayi Vapasi - Mannu Bhandari	14
III	Grammar: Shabdha Vichar Only (Noun, Pronoun, Adjective, Verb, Tense, Case, Endings) Theoretical & Applied.	12
IV	Translation: English – Hindi Only. Anuvadh Abhyas – III (1-15 Lessons Only)	10
V	Comprehension: 1 Passage From Anuvadh Abhyas–III (16-30)	10
Total Hours		60

Text Books	
1	Jayaprakash, (2009), Nuthan Gadya Sangrah, Publisher : Sumitra Prakashan Sumitravas, 16/4, Hastings Road, Allahabad – 211001.
2	Amithab. V.P. (2011), Kahani Kunj, Publisher : Govind Prakashan Sadhar Bagaar, Mathura, Uttar Pradesh,–281 001

Course Code	Course Name	Category	Hours / Week	Credits
25MAL11L	Malayalam - I	Language – I	4	3

Course Objectives

- Improves grammatical knowledge
- Will continue to read and learn about articles and think about them
- It is possible to read and understand short stories and understand the thoughts and life of the people of this state
- Translation knowledge and the ability to read and analyze a message are also available
- Translation knowledge and the ability to read and analyze a message are also

Course Learning Outcomes

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

CLO	CLO Statements	Knowledge Level
CLO1	Understand the text styles and grammatical elements	K1
CLO2	Discuss the content of a reading passage	K1
CLO3	Develop an interest in the appreciation of short stories	K2
CLO4	Comprehend the grammatical structures and sentence making	K3
CLO5	Understand the language and developing English to Malayalam translation skill	K4
K1 - Remember; K2 - Understand; K3 – Apply; K4-Analyse.		

Part – I: Malayalam – I

Unit	Content	No. of Hours
I	Novel – Pathummayude Aadu - Vaikam Muhammed Basheer	14
II	Novel- - Pathummayude Aadu - Vaikam Muhammed Basheer	14
III	Short Story - Ente Priyappeta Kadhakal – (Akbar Kakkattil)	12
IV	Short Story - Ente Priyappeta Kadhakal – (Akbar Kakkattil)	10
V	Composition & Translation(English to Malayalam)	10
Total Hours		60

Text Books

1	Vaikam Muhammed Basheer, (2012), Novel- PathummayudeAadu, D.C.Books, Kottayam, Kerala
2	Akbar Kakkattil, (2009), Short Story - Ente Priyappeta Kadhakal

Reference Books

1	Tharakan K.M , (2016), Malayala Novel SahithyaCharitram, N.B.S.Kottayam.
2	Achuyuthan M, (2014), Cherukatha Innale Innu-M.Achuyuthan D.C Books, Kottayam.
3	Dr George K.M,(2011) Sahithya CharitramPrasthanangalilude, D.C.Books Kottayam.
4	Sukumar Azheekode, (2015), Malayala Sahithyavimarsam, D.C.Books

Course Code	Course Name	Category	Hours / Week	Credits
25FRE11L	French - I	Language – I	4	3

Course Objective

To understand, speak, read and write simple, standard speech which is very slow and is carefully articulated and can recognize familiar words and very basic phrases concerning themselves, their family and immediate concrete surroundings when people speak slowly and clearly.

Course Learning Outcomes

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

CLO	Course Outcome	Knowledge Level
CLO1	Comprehend basic vocabulary	K1
CLO2	Understand basic syntax and grammar patterns	K2
CLO3	Converse slowly in known situations	K2
CLO4	Translate small basic sentences	K3
K1 - Remember; K2 - Understand; K3 - Apply		

Part – I: French – I

Unit	Content	Hours
I	Etape 0	14
	Etape1- (Lecons 1 - 3)	
II	Etape2- (Lecons 1 - 3)	14
III	Etape 3 – (Leçons 1 – 2)	12
IV	Etape 3 – (Leçon 3)	10
	Etape 4 – (Leçon 1)	
V	Etape 4 – (Leçons 2 – 3)	10
Total Hours		60
Text Book		
1	Céline Himber, Corina Brillant, Sophie Erlich, (2008), Adomania 1 – Methode de francais, Publisher - Hachette Fle.	
Reference Book		
1	Yves Loiseau, Régine, (2014), Latitudes 1, Merieux Publisher: French and European Publications Inc.	

Course Code	Course Name	Category	Hours / Week	Credits
25ENG12L	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	<p>Poetry : Nature</p> <p>1. I Wandered Lonely as a Cloud - William Wordsworth</p> <p>2. The Sparrow - Paul Laurence Dunbar</p> <p>3. Stopping by woods on a snowy Evening – Robert Frost</p>	12
II	<p>Prose : Friendship</p> <p>1. The Man in Black - Oliver Goldsmith</p> <p>2. Of Friendship - Francis Bacon</p> <p>3. The Blessing of Friends - Sir John Lubbock</p>	12
III	<p>Short Stories: Morality</p> <p>1. The Necklace – Guy de Maupassant</p> <p>2. The Lottery - Shirley Jackson</p> <p>3. The Monkey’s Paw - W. W. Jacobs</p>	12
IV	<p>Language Competency</p> <p>1. Vocabulary : Synonyms, Antonyms, Word Formation</p> <p>2. Parts of Speech</p> <p>3. Error correction</p>	12
V	<p>English for Communication</p> <p>1. Listening for General and Specific Information.</p> <p>2. Self - Introduction, Introducing others, Greetings.</p> <p>3. Reading a prose passage, Reading a poem and Reading a short story</p> <p>4. Descriptive writing – Writing a short descriptive essay of two to three paragraphs.</p>	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
25BPY13C	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 in 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
25BPY14C	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 analyse 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 counselling, 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 intervention in child development.	K2
CLO5	Apply and analyse 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 (9 th Ed). New Delhi: Tata McGraw Hill Publishing Company.	
2.	Hurlock, E.B (2017). Child Development (6 th 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
25BPY15P	Experimental Psychology Lab-I	Core Lab I	4	2

Core Lab - I: Experimental Psychology Lab - I

S.No	Experiments	No. of Hours
I	Suggestion:	20
1.	Size Weight Illusion	
2.	Progressive Weight Illusion	
3.	Two Hand Coordination	
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	
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
25BPY16A	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 necessitate a comprehensive grasp of the intricate architecture and progression of both the central and peripheral nervous systems.	K2, K3
CLO4	Analyse 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	Analyse the 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	3	-	-	1
CLO2	1	1	1	-	2
CLO3	1	2	-	-	2
CLO4	1	3	1	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 (6 th 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 (6 th 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., & Grealy, 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&usq=AOvVaw15iKQdQHdy4IJD1MTwJ_k5	

Course Code	Course Name	Category	Hours / Week	Credits
25ENV1FC	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: 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: - <ul 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.
VII	<p>Human Population and the Environment</p> <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. <p>Biosafety and Biosecurity</p> <p>The basic principles of biosafety.</p> <ul style="list-style-type: none"> - Biological hazards and assess risk in laboratory settings. - Biosafety protocols to minimize risks associated with biological agents. - Role of biosafety in the protection of public health, environment, and national security. <p>The theoretical knowledge as well as practical applications to prepare learners for real-world biosafety challenges.</p> <p>1. Introduction to Biosafety</p> <ul style="list-style-type: none"> - Definition and importance of biosafety. - Historical perspective on biosafety incidents. - Biosafety vs. biosecurity: Key differences.

Unit	Content	
	<p>2. Biological Hazards and Risk Assessment</p> <ul style="list-style-type: none"> - Classification of biological agents (e.g., bacteria, viruses, fungi, parasites). - Risk assessment methodology: Identifying hazards, evaluating risks, and control measures <p>3. Biological Waste Management</p> <ul style="list-style-type: none"> - Types of biological waste: Solid, liquid, sharps, etc. - Waste disposal techniques: Autoclaving, incineration, chemical disinfection. - Environmental impact and regulations surrounding waste management. <p>4. Standard Operating Procedures (SOPs) and Safety Practices</p> <ul style="list-style-type: none"> - Developing and implementing SOPs for laboratory safety. <p>Practices for handling, storing, and disposing of biological materials.</p>	
VIII	<p>Field Work (Practical).</p> <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
Reference Resources		
1.	https://www.ugc.gov.in/oldpdf/modelcurriculum/env.pdf	
2.	Biosafety in Microbiological and Biomedical Laboratories (CDC, NIH). (BMBL) 6 th Edition	
3.	Sateesh, M. K. (2010). Bioethics and Biosafety. New Delhi: I. K. International Pvt Ltd.	
4.	Additional Readings: Relevant journal articles, government publications, and guidelines (e.g., WHO, CDC, European Union, etc.). https://www.iberdrola.com/innovation/what-is-biosafety	

Course Code	Course Name	Category	Hours / Week	Credits
25SOF1AE	Soft Skills	AECC - I	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 - I : Soft Skills

Module	Unit	Details	No. of Hours
Presentation Skills			
I	1	Getting to Know You: Grammar: Introduction to Tenses, Everyday English, Role-Play. Reading Activity: Different ways of communication. <i>Activities:</i> Fill in the blanks (Listening), Self Introduction (Speaking).	6
	2	My Day: Grammar: Present simple positive & negative/Adverbs of Frequency, Vocabulary & Speaking about Daily Activities. Listening: Observe and Answer/ Telling the time. <i>Activities:</i> Reading & Writing: Describe where you live.	
	3	Your World: Grammar: Possessive determiners. Listening: Positive & negative contractions. Reading & Writing: Personal profile. <i>Activities:</i> Talk about countries, nationalities (Vocabulary & Speaking).	
	4	The World of Work: Grammar: Yes/No & Wh Questions. Vocabulary & Speaking: Jobs. Listening: Recognize the schwa sound. <i>Activities:</i> Opening and closing an email (Reading & Writing).	
	5	Places and Things: Grammar: There is / there are, articles. Vocabulary & Speaking: Talk about rooms & furniture. Listening: Directions. Reading & Writing: Imperatives.	
	6	24 Hours: Grammar: Likes & Dislikes. Vocabulary & Speaking: Speak about hobbies and interests. Reading: Match the photos with descriptions. Writing: Write complete sentence using prompt. <i>Activities:</i> Observe & answer (Listening).	
		Practice: Listening & Speaking Presentations - Talking about how you learn – Understanding key information in a presentation – Writing sentences about you.	
Confidence			
II	1	Clothes and Shopping: Grammar: Modal verbs/Adverbs of Frequency/Adjectives and Adverbs. Vocabulary & Speaking: Shopping. Reading & Writing: Product Review. <i>Activities:</i> Observe & answer (Listening).	6
	2	Travel & Transport: Grammar: Past simple questions. Vocabulary & Speaking: Talk about holidays. Listening: At the train station. <i>Activities:</i> Email - A perfect holiday (Reading & Writing).	
	3	Health & Fitness: Grammar: Past simple irregular verbs; Listening: Listen & Answer; Reading & Writing: Time sequencers; <i>Activities:</i> Talk about a healthy lifestyle (Vocabulary & Speaking)	
	4	Music: Grammar: Present perfect simple; Vocabulary & Speaking: Survey about music; Listening: Listen two people talk about music; <i>Activities:</i> Use adjectives and create sentences (Reading)	
	5	Let's go shopping: Vocabulary & Speaking: Town Survey; Listening: Listen and answer; Reading & Writing: Read and match; <i>Activities:</i> Countable & Uncountable (Grammar)	
		Practice: Writing a personal statement.	

Creativity			
III	1	Cooking & Eating: Grammar: Some & Any, Quantifiers. Vocabulary & Speaking about Food & Drink. <i>Activities</i> Kitchen conversation (Listening). Reading an article & answering.	6
	2	Survival: Grammar: Comparison of adjectives. <i>Activities</i> Describing people (Speaking and Vocabulary). Listening to an audio & Answering. Reading & Writing: Read and Answer.	
	3	Working Together: Grammar: Verb + Noun phrases. <i>Activities</i> Technology (Vocabulary & Speaking). Listening: Listen & Answer. Reading & Writing: Notice.	
	4	Music: Grammar: Present perfect simple. <i>Activities</i> Survey about music (Vocabulary & Speaking). Listen to two people talking about music (Listening). Reading: Use adjectives and create sentences.	
	5	Culture and Arts: Grammar: Present perfect. Vocabulary & Speaking activity: Speak on the phone. <i>Activities:</i> Listen and answer. Reading & Writing activity: Review.	
		Practice: Writing comparison sentences & paragraphs.	
Problem-Solving			
IV	1	Do's and Don'ts: Grammar, Modal Verbs. <i>Activities</i> Roleplay (Speaking). Holidays in January (Listening). Reading an article & answering.	6
	2	Body: Grammar: First conditional. Vocabulary & Speaking about Personality & Appearance. <i>Activities</i> Conversations about personality (Listening), Reading & Writing: Read and Answer about your skills.	
	3	Speed: Grammar: Present simple passive. Vocabulary & Speaking about relationships. Listening: Listen & Answer. Reading and Error spotting.	
	4	Work: Grammar: Adverbs of manner. Vocabulary & Speaking about work advice. Listening: Observe & Answer; Reading: Read & check your ideas.	
		Practice: Writing argumentative and descriptive essays.	
Critical Thinking			
V	1	Influence: Grammar: would / past habits. Listening: Sentence Correction. <i>Activities</i> Your inspiration (Speaking). Picture description (Reading). Rewrite the sentences (Writing).	6
	2	Money: Grammar: Second conditional. <i>Activities:</i> Radio programme (Listening). Talk about games (Speaking). Reading & Writing: Fill in the blanks.	
	3	Things that changed the world: Grammar: articles. <i>Activities</i> :Talk about chewing gum (Speaking & Listening). Reading & Writing: Read and write a book review.	
		Practice: Writing Emails, reports and proposals.	
Total Hours			30

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

Max Marks	Marks for		Components for CIA						
	CIA	ESE	CIA		Model		Attendance	Active Engagement	Total
100	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
100	40	60	Actual	Weightage	Actual	Weightage	Marks	5	40
			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			
	CIA	ESE	CIA		Model	
50	50	-	Actual	Weightage	Actual	Weightage
			50	25	50	25

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

