



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 - 2									
Course Code	Part	Course Category	Course Name	Hours/ Week	Examination				Credits
					Duration in Hours	Max Marks			
						CIA	ESE	Total	
25TAM21L	I	Language - I	Tamil - II	4	3	25	75	100	3
25HIN21L			Hindi - II						
25FRE21L			French - II						
25ENG22L	II	Language - II	English - II	4	3	25	75	100	3
25BPY23C	III	Core - III	Basic Psychology-II	5	3	25	75	100	4
25BPY24C	III	Core - IV	Developmental Psychology-II	5	3	25	75	100	4
25BPY25P	III	Core Lab - II	Experimental Psychology Lab-II	4	3	40	60	100	2
25BPY26A	III	Allied-II	Biopsychology-II	4	3	25	75	100	3
25HUM2FC/ 25DIM2FC	IV	FC - II	Human Rights/ Disaster Management	2	2	50	-	50	2
25IDT2AE	IV	AECC - II	Innovation & Design Thinking	2	2	-	50	50	2
25IPR2AE			Intellectual Property Rights						
25END2AE			Entrepreneurship Development						
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	
	I	Language-III	Tamil – III	4	3	25	75	100	3
	I		Hindi – III						
	I		French – III						
	II	English - III	English – III	4	3	25	75	100	3
	III	Core – V	Abnormal Psychology-I	6	3	25	75	100	4
	III	Core – VI	Counseling Psychology-I	6	3	25	75	100	4
	III	Core Lab - III	Experimental Psychology-III	4	3	40	60	100	2
	III	Allied -III	Statistics in Psychology-I	4	3	25	75	100	3
	III	SEC – I	MS Office - Lab	2	3	40	60	100	2
	IV	FC – III	Basic Tamil	-	2	50	-	50	2
			Advanced Tamil						
			IKS						
	IV	AECC – III	Online Course – MOOC	-	-	50	-	50	2
Total				30				800	25

Semester-4									
Course Code	Part	Course Category	Course Name	Hours/ Week	Examination				Credits
					Duration in Hours	Max Marks			
						CIA	ESE	Total	
	I	Language - I	Tamil – IV	4	3	25	75	100	3
	I		Hindi – IV						
	I		French – IV						
	II	Language - II	English – IV	4	3	25	75	100	3
	III	Core - VII	Abnormal Psychology-II	5	3	25	75	100	4
	III	Core - VIII	Counseling Psychology-II	5	3	25	75	100	4
	III	Core Lab - IV	Experimental Psychology Lab - IV	4	3	40	60	100	2
	III	Allied – IV	Statistics in Psychology-II	4	3	25	75	100	3
	III	SEC Lab	Fundamentals of Information Technology Lab	2	3	40	60	100	2
	IV	AECC - III	Quantitative Aptitude	2	2	-	50	50	2
	V	Extra-curricular & Co-curricular	Liberal Arts	-	2	50	-	50	2
Total				30	25	255	545	800	25

Semester-5									
Course Code	Part	Course Category	Course Name	Hours / Week	Examination				Credits
					Duration in hours	Max Marks			
						CIA	ESE	Total	
	III	Core - IX	Social Psychology-I	6	3	25	75	100	4
	III	Core - X	Research Methodology	6	3	25	75	100	4
	III	Core - XI	Organizational Psychology	4	3	25	75	100	3
	III	Core - XII	Testing and Assessment	5	3	25	75	100	4
	III	Core - XIII	Health Psychology	4	3	25	75	100	3
	III	Elective – I	Psychology of Crime	5	3	25	75	100	3
			Introduction to Psychotherapeutics						
			Consumer Behaviour						
	III	Internship	Internship	-	-	50	-	50	2
Total				30				650	23

Semester-6									
Course Code	Part	Course Category	Course Name	Hours/ Week	Examination				Credits
					Duration in hours	Max Marks			
						CIA	ESE	Total	
	III	Core - XIV	Social Psychology-II	6	3	25	75	100	4
	III	Core - XV	Positive Psychology	6	3	25	75	100	4
	III	Core - XVI	Behavioural Modification	4	3	25	75	100	3
	III	Elective II	Forensic Psychology	5	3	25	75	100	3
			Crisis Intervention and Trauma Counselling						
			The Science of Wellbeing and Human Potential						
	III	SEC - III	Psychological First Aid	2	3	25	75	100	2
	III	Core	Project Work	7	3	40	60	100	5
Total				30				600	21
Grand Total				180				4250	140

Semester 1

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

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	நாட்டுப்பற்று 1. உலகத்தை நோக்கி வினவுதல் - பாரதியார் 2. பாரதிதாசன் கவிதைகள் - பாரதிதாசன் • தமிழ்ப்பேறு 3. ஒற்றுமையே உயிர்நிலை - நாமக்கல் கவிஞர் 4. தேவதேவன் கவிதைகள் - தேவதேவன் • சாலையும் மரங்களும் செருப்பும் • புதிய வீடு 5. ஆலாபனை - கவிக்கோ அப்துல் ரகுமான் • போட்டி • பாதை 6. புத்தகச் சந்தை - கவிஞர் வாலி	14
II	சமூகம் 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 (தாலாட்டுப் பாடல் , தெம்மாங்குப் பாடல், உழவுத்தொழில்)	14
III	சிறுகதை 1. காஞ்சனை - புதுமைப்பித்தன் 2. சுமைதாங்கி - ஜெயகாந்தன் 3. சோற்றுக் கணக்கு - ஜெயமோகன் 4. ஆறு யானைகள் - எஸ்.ராமகிருஷ்ணன் 5. மரத்தைக் கர்ப்பம் சுமந்தவள் - ஆண்டாள் பிரியதர்சினி	12

Unit	Content	No. of Hours
IV	இலக்கிய வரலாறு 1. மரபுக்கவிதையின் தோற்றமும் வளர்ச்சியும் 2. புதுக்கவிதையின் தோற்றமும் வளர்ச்சியும் 3. ஹைக்கூ கவிதையின் தோற்றமும் வளர்ச்சியும் சிறுகதையின் தோற்றமும் வளர்ச்சியும்	10
V	இலக்கணம் 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
<p style="text-align: center;">பிரிவு – அ 10x1=10</p> <ul style="list-style-type: none"> சரியான விடையைத் தேர்ந்தெடுத்து எழுதுக. 	
<p style="text-align: center;">பிரிவு – ஆ 5x5=25</p> <ul style="list-style-type: none"> செய்யுள் - 1 வினா செய்யுள் - 1 வினா சிறுகதை - 1 வினா இலக்கிய வரலாறு - 1 வினா இலக்கணம் - 1 வினா 	
<p style="text-align: center;">பிரிவு – இ 5x8=40</p> <ul style="list-style-type: none"> 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- Pathummayude Aadu, D.C. Books, Kottayam, Kerala
2	Akbar Kakkattil, (2009), Short Story - Ente Priyappeta Kadhakal
Reference Books	
1	Tharakan K.M, (2016), Malayala Novel Sahithya Charitram, N.B.S. Kottayam.
2	Achuyuthan M, (2014), Cherukatha Innale Innu-M. Achuyuthan D.C Books, Kottayam.
3	Dr George K.M, (2011) Sahithya Charitram Prasthanangalilude, 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 Statements	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	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 1. Vocabulary : Synonyms, Antonyms, Word Formation 2. 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
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, 5 th 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. (3 rd 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&usg=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	Biodiversity and its Conservation <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	Environmental Pollution Definition <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	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. Biosafety and Biosecurity The basic principles of biosafety. <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. The theoretical knowledge as well as practical applications to prepare learners for real-world biosafety challenges. <ol style="list-style-type: none"> 1. Introduction to Biosafety <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						
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
	50	-	Actual	Weightage	Actual	Weightage	50
			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



Semester 2

Semester - 2									
Course Code	Part	Course Category	Course Name	Hours/ Week	Examination				Credits
					Duration in Hours	Max Marks			
						CIA	ESE	Total	
25TAM21L	I	Language - I	Tamil - II	4	3	25	75	100	3
25HIN21L			Hindi - II						
25FRE21L			French - II						
25ENG22L	II	Language - II	English - II	4	3	25	75	100	3
25BPY23C	III	Core - III	Basic Psychology-II	5	3	25	75	100	4
25BPY24C	III	Core - IV	Developmental Psychology-II	5	3	25	75	100	4
25BPY25P	III	Core Lab - II	Experimental Psychology Lab-II	4	3	40	60	100	2
25BPY26A	III	Allied-II	Biopsychology-II	4	3	25	75	100	3
25HUM2FC/ 25DIM2FC	IV	FC - II	Human Rights/ Disaster Management	2	2	50	-	50	2
25IDT2AE	IV	AECC - II	Innovation & Design Thinking	2	2	-	50	50	2
25IPR2AE			Intellectual Property Rights						
25END2AE			Entrepreneurship Development						
Total				30				700	23

Course Code	Course Name	Category	Hours / Week	Credits
25TAM21L	Tamil – II	Language - I	4	3

Course Objectives

The Course intends to cover

- தமிழ் இலக்கியம் கற்பதன் மூலம் நாகரிகம் மற்றும் பண்பாட்டைப் புரிந்துகொள்ளுதல்.
- தனிப்பட்ட வளர்ச்சி, படைப்பாற்றல் திறனை வளர்த்தல்.
- வாழ்வியல் அறங்களைக் கற்றல் மற்றும் வாழ்வைச் செழுமையாக்க உதவும் நன்னெறிகளை அறிதல்.

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 ஒழுக்கங்களைப் பின்பற்றுதல்	K1 - K3
CLO2	பக்தி இலக்கியங்கள் வழி பக்தி நெறிகளை உணர்தல்.	K1 - K3
CLO3	உரைநடை இலக்கிய படைப்பாளர்களின் சிந்தனைகளைக் கற்று பின்பற்றுதல்	K1 - K3
CLO4	தமிழ் இலக்கிய வரலாற்றில் அற இலக்கியம் மற்றும் உரைநடையின் தாக்கம் குறித்து அறிதல்	K1 - K3
CLO5	இலக்கணங்களைக் கற்று பிழையின்றி எழுதுதல்.	K1 - K3
K1 - Remember; K2 - Understand; K3 – Apply		

Unit	Content	No. of Hours
I	<p>(அறம்)</p> <ol style="list-style-type: none"> திருக்குறள்(மூன்று அதிகாரங்கள்) <ul style="list-style-type: none"> புகழ் வினை செயல்வகை நெஞ்சொடு கிளத்தல் திரிகடுகம்(10, 16, 19, 26, 42 பாடல்கள் மட்டும்) பழமொழி நானூறு(2,7,21,54,69,119,130,184,267,375 பாடல்கள் மட்டும்) 	14
II	<p>(பக்தி)</p> <ol style="list-style-type: none"> தாயுமானவர் பாடல்கள்(பராபரக் கண்ணி முதல் 10 பாடல்கள்) உமர்கயாம் பாடல்கள் (தனிப்பாடல்கள்) - கவிமணி தேசிகவிநாயகம் பிள்ளை வள்ளலார் பாடல்கள்(திருவருட்பா – வள்ளலார் விண்ணப்பம்) இயேசுகாவியம் - மலைப்பொழிவு - கண்ணதாசன் சித்தர் பாடல் - சிவவாக்கியார் பாடல் 	14
III	<p>(கலை மற்றும் பண்பாடு)</p> <ol style="list-style-type: none"> அறம் எனப்படுவது - அமுதன் ஏட்டில் எழுதா இலக்கியம் - ஓளவை துரைச்சாமி கீழடி - தொல்லியல் துறை, வெளியீடு மனம் எனும் சொர்க்கவாசல் - டாக்டர் எம்.எஸ்.உதயமூர்த்தி ஆளுமைத் திறன் - அறிவுக்கதிர். அரசுப்பணி சிறப்பிதழ் 	12
IV	<p>(இலக்கிய வரலாறு)</p> <ol style="list-style-type: none"> பதினெண் கீழ்க்கணக்கு நூல்கள் உரைநடையின் தோற்றமும் வளர்ச்சியும் 	10

Unit	Content	No. of Hours
V	(இலக்கணம்) 1. சொல்லின் வகைகள் 2. வேற்றுமைத் தொகைகள் 3. பகுபத உறுப்புகள்	10
Total Hours		60

Reference Books	
1	கவிஞர் கண்ணதாசன், (2006, 6-ஆம் பதிப்பு), இயேசு காவியம், கலைக்காவிரி பதிப்பகம்.
2	நடராசன் தி.சு. (2013, 16-ஆம் பதிப்பு), உரைகளும் உரையாசிரியர்களும், நியூ செஞ்சுரி புக் ஹவுஸ்.
3	முனைவர் சேதுராமன் சி.(2010, முதல் பதிப்பு), அபிராமி அந்தாதி, நியூ செஞ்சுரி புக் ஹவுஸ்.
4	முனைவர் பஞ்சாங்கம் கா. (2017, 4-ஆம் பதிப்பு), தமிழ் இலக்கிய வரலாறு, காவியா பதிப்பகம்.
5	வரதராசன் மு. (2021, 34-வது பதிப்பு), தமிழ் இலக்கிய வரலாறு, சாகித்திய அகாதமி பதிப்பு.
6	செல்வநாயகம் வி.(2003, முதல் பதிப்பு), தமிழ் உரைநடை வரலாறு, அடையாளம் பதிப்பகம்.
7	பேரா. முனைவர் பாக்கியமேரி, (2022, 6-ம் பதிப்பு), வகைமை நோக்கில் தமிழ் இலக்கிய வரலாறு, நியூசெஞ்சுரி புக் ஹவுஸ்(பி). லிட்.
8	டாக்டர் உதயமூர்த்தி எம். எஸ்.(2016, முதல் பதிப்பு), எண்ணங்கள், வெளியீடு கங்கை புத்தக நிலையம்.
9	புலவர்.பொன்மணிமாறன், (2011, முதல் பதிப்பு) அடோன் தமிழ் இலக்கணத் தொகுப்பு, அருண் பப்ளிஷிங்.
10	குமரன் கோ (2010, முதல் பதிப்பு), தமிழ் இலக்கணம் எளிய அறிமுகம் , சந்தியா பதிப்பகம்.

Course Code	Course Name	Category	Hours / Week	Credits
25HIN21L	Hindi - II	Language - I	4	3

Course Objectives

The Course intends to cover :

- A basic understanding of contemporary poetry can be gained and the nature of modern poetry can be realized.
- Realizing the nature of drama and its nature and improving the knowledge of reading and understanding the nature of contemporary plays.
- Understands the benefits of correspondence and can enhance the correspondence you need.
- Translation is especially useful for translating from Hindi to English

Course Learning Outcomes

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

CLO	CLO Statements	Knowledge Level
CLO1	Get a basic understanding of renewal poetry and the essence of the poem	K1
CLO2	It is possible to understand the genre of Drama	K2
CLO3	Translating skill improved specially from English to Hindi	K2, K3
CLO4	Knowledge is gained by using phrases and idioms	K3
CLO5	Learners can express opinion in small sentences	K4
K1 - Remember; K2 - Understand; K3 – Apply; K4 - Analyse		

Unit	Content	No. of Hours
I	Modern Poetry : Panchvati By Mythli Sharan Gupt	14
II	One Act Play: Ekaniki Piyush 1. Owrangjeb ki aakirirath– Ramkumar varma 2. Ek din - Lakshminarayan Misra 3. Vapasi - Vishnuprabhakar 4. Badsurath rajkumari – Krishnachandra 5. Aakket – Harijeeth	14
III	Letter Writing : (Leave Letter, Job Application, Ordering Books, Letter to Publisher, Personal Letter)	12
IV	Conversation: (Doctor & Patient, Teacher & Student, Storekeeper & Buyer, Two Friends, Booking Clerk & Passenger at Railway Station, Auto rickshaw driver and Passenger)Ref : Bolchal Ki Hindi Aur Sanchar by Dr. Madhu Dhavan Vani Prakashan, New Delhi.	10
V	Translation: Hindi-English only Lessons – 1-15 only Anuvadh Abyas -III	10
Total Hours		60

Text Book

1.	Luca Giachino, Carla Baracco, Romain Chrétien(DELF), (2022), Nouvelle Génération A1, Didier FLE
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Reference Books

1.	Kavya Parasar, Dr.Bolanath,(2018) Jawahar Pusthakalay, Sadar Bazaar,Mathura-U.P.281001.
2.	Sone ki Varsha (2020) Dakshin Bharat Hindi Prachar Sabha, Chennai – 600 017

Course Code	Course Name	Category	Hours / Week	Credits
25FRE21L	French - II	Language - I	4	3

Course Objectives

The course intends to

- Understand and use familiar everyday expressions and basic phrases aimed at the satisfaction of concrete needs.
- Recognize key aspects of Francophone cultures such as greetings, etiquette, daily life, and basic geography of French-speaking countries.
- Write short, simple texts such as postcards, emails, or short descriptions about themselves and their immediate environment.
- Construct simple sentences using correct word order and basic vocabulary.
- Develop sensitivity to cross-cultural differences in communication and social practices.
- Read and understand short, simple texts such as personal messages, advertisements, menus, and schedules.

Course Learning Outcomes

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

CLO	CLO Statements	Knowledge Level
CLO1	Improve all the four French language skills (speaking, listening, reading, and writing) (Effective communicators)	K1
CLO2	Comprehend French and other Francophone nations' cultures and civilizations.	K2
CLO3	Comprehend the fundamentals of language structure, vocabulary, grammar, and phonetics (language skill).	K3
CLO4	The French DELF-A1 Certification is appreciated.	K3
CLO5	Developing Communication Skills	K4
K1 - Remember; K2 - Understand; K3 – Apply; K4-Analyse		

Unit	Content	No. of Hours
I	Portraits(pg 50-60) Grammaire: pg(140-144)	14
II	Communication(pg 61-65) Grammaire: pg(145-146)	14
III	Temps Libre(pg 66-68) Grammaire: pg(147)	12
IV	Mots Et Expressions((pg 69-76) Grammaire: pg(148-151)	10
V	Communication(pg 77-81) Grammaire: pg(152-155)	10
Total Hours		60

Text Book

1.	Luca Giachino, Carla Baracco, Romain Chrétien(DELF), (2022), Nouvelle Génération A1, Didier FLE.
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Reference Book

1.	Nathalie Hirschsprung, Tony Tricot, (2017) Cosmopolite, Hachette.
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Course Code	Course Name	Category	Hours /Week	Credits
25ENG22L	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	Demonstrate flexibility and mobility in the sequel LSRW Skills.	K3
K1 - Remember; K2 - Understand; K3 - Apply		

Language 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
25BPY13C	Basic Psychology - II	Core - III	5	4

Course Objectives

The course intends to cover

- The fundamental principles, theories and methodologies of psychology.
- The psychological mechanisms underlying human behaviour, including cognition, emotion, perception, and motivation.
- The tiers of consciousness, and their impact and influence in shaping human behavior.

Course Learning Outcomes

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

CLO	CLO Statements	Knowledge Level
CLO1	Recall and recognize the processes, types, and phenomena of memory.	K1
CLO2	Understand the concepts of thinking, language, reasoning, problem-solving, creativity and decision-making.	K2
CLO3	Analyze the motivational and emotional processes and their impact on behaviour.	K3
CLO4	Understand and apply different approaches to intelligence, its measurement, the role of creativity and emotional intelligence.	K3
CLO5	Compare and evaluate major theories of personality, including psychodynamic, trait, humanistic, social-cognitive and cultural perspectives.	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(Greek and Indian Philosophy) – 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. (2025). Introduction to Psychology, 9 th ed. New Delhi: Tata McGraw Hill.	
2.	Baron, R.A. (2017). Psychology, 5 th 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, 5 th ed. New York: Brooks/Cole Publishing Co.	
3.	Kalat, J. W. (2022). Introduction to psychology. Cengage.	
Web Resources (Swayam / NPTEL)		
1.	https://onlinecourses.swayam2.ac.in/cec25_hs83/preview	

Course Code	Course Name	Category	Hours / Week	Credits
25BPY24C	Developmental Psychology - II	Core - IV	5	4

Course Objectives

The course intends to cover

- The growth and development of humans, focusing on how individuals communicate, feel and build relationships as they mature.
- The transformations that occur in both body and mind during the teenage years.
- The skills that is 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.	K1
CLO2	Understand the substantial transformations that occur during adolescence	K2
CLO3	Identify the significance of acquiring essential life skills during the transition to early adulthood.	K2
CLO4	Apply and analyze the complexities of decision-making for middle-aged individuals, particularly concerning career shifts and financial decisions	K3
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.	Hurlock, E.B (2017). Child Development 6 th ed. London: McGraw Hill Book Company	
2.	Hurlock, E.B (2017). Developmental Psychology-A Life span Approach. 5 th ed. New Delhi: Tata McGraw Hill Publishing Company.	
3.	Santrock, J.E (2021). Child Development, New Delhi: Tata McGraw Hill Publishing Company.	
Reference Books		
1.	Berk, L.E (2017). Child Development 9 th ed. New Delhi: Pearson Education Pvt Ltd.	
2.	Papalia, D.E et.al (2024). Human Development 15 th Ed. New Delhi: Tata McGraw Hill Publishing Company.	
3.	Santrock, J.E (2021). Child Development 2 nd ed 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://onlinecourses.swayam2.ac.in/cec25_hs146/preview	

Course Code	Course Name	Category	Hours / Week	Credits
25BPY15P	Experimental Psychology - II	Core Lab - II	4	2

Each student is required to conduct a minimum of 10 experiments out of the following and a record of experiments should be submitted for evaluation at the end of the semester.

S. No	List of Practical	No. of Hours
I	Perception:	18
1.	Depth Perception	
2.	Size Constancy Apparatus	
3.	Kinesthetic Figural After Effect	
4.	Muller Lyer Illusion	
II	Feeling and Emotion	6
1.	Judging Emotions from Photographs	
III	Motivation	12
1.	Motivation Analysis Test	
2.	Achievement Motivation Scale	
3.	Social Motive Scale	
IV	Learning	12
1.	Maze Learning Apparatus	
2.	Habit Interference	
V	Reaction Time	12
1.	Simple Reaction Time	
2.	Choice Reaction Time	
3.	Association Reaction Time	
4.	Discrimination Reaction Time	
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.	
Web Resources (Swayam / NPTEL / Coursera)		
1.	https://www.classcentral.com/course/ethics-of-psychological-research-205930	
2.	https://onlinecourses.nptel.ac.in/noc25_hs143/preview	

Course Code	Course Name	Category	Hours / Week	Credits
25BPY16A	Biopsychology - II	Allied - II	4	3

Course Objectives

The course intends to cover

- The connection between bodily functions, emotions, and daily rhythm.
- The physiological or biochemical alterations within one's body and its influence on cognitive processes and behaviors.
- The cruciality of brain health in neuronal degeneration.

Course Learning Outcomes

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

CLO	CLO Statements	Knowledge Level
CLO1	Recall and describe the physiological processes underlying emotions, including fear, anger, aggression, sleep and biological clocks.	K1
CLO2	Explain the physiological mechanisms of learning, including synaptic plasticity, classical and instrumental conditioning.	K2
CLO3	Interpret the physiological basis of memory, including relational learning, Amnesia and hippocampal function.	K3
CLO4	Analyze the hormonal and neural mechanisms controlling reproductive and sexual behaviour in humans and animals.	K3
CLO5	Evaluate neurological disorders, their causes, development and physiological impacts, including degenerative and infectious disorders.	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, Impulse Control and Aggression - Hormonal Control of Aggressive Behaviour - Communication of Emotions – Facial Expression of Emotion - Feelings of Emotions.	12
II	Physiological Basis of Learning: Nature - Learning and Synaptic Plasticity: Introduction of Long-term Potentiation, Mechanism of Synaptic Plasticity, Long-term Depression, Other forms of Long Term Potentiation. Perceptual Learning - Physiology of Classical Conditioning and Instrumental Conditioning.	12
III	Physiological Basis of Memory: Relational Learning: Human Anterograde Amnesia, Failure of Relational Learning – Spatial Memory, Role of Hippocampal Formation in Spatial Memory - Episodic Memory – Semantic Memory.	12
IV	Physiology of Reproductive Behaviour: Sexual Development: Production of Gametes, Fertilization, Development of Sex Organs, Sexual Maturation. Hormonal Control of Sexual Behaviour: Hormonal Control of Female Reproductive Cycles, Hormonal Control of Sexual Behaviour of Laboratory Animals, Organizational Effects of Androgens on Behaviour, Effects of Pheromones, Human Sexual Behaviour, Sexual Orientation.	12
V	Neurological Disorders: Nervous Disorders: Tumours, Seizure Disorders, Cerebrovascular Accidents, Traumatic Brain Injury. Disorders of Development: Down’s Syndrome. Degenerative Disorders: Parkinson’s Disease, Huntington’s Disease, Alzheimer’s Disease, Multiple Sclerosis, Korsakoff Syndrome – 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. (2012). An Introduction to Physiological Psychology. 4 th Ed. New York: Random House, Inc.	
2.	Kalat, J. W. (2019). Biological psychology 13 th ed. Cengage.	
3.	Winn, P., & Greal, M. (2024). Biopsychology: The basics (1st ed.). Routledge.	
Web Resources (Swayam / NPTEL)		
1.	https://onlinecourses.swayam2.ac.in/cec25_hs142/preview	

Course Code	Course Name	Category	Hours / Week	Credits
25HUM2FC	Human Rights	Foundation Course	2	2

Unit	Content
I	<p>Concept of Human Values, Value Education Towards Personal Development 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 : Self analysis and introspection; sensitization towards gender equality, physically challenged, intellectually challenged. Respect to - age, experience, maturity, family members, neighbours, co-workers. Character Formation Towards Positive Personality: Truthfulness, Constructivity, Sacrifice, Sincerity, Self Control, Altruism, Tolerance, Scientific Vision.</p>
II	<p>Value Education Towards National and Global Development National and International Values: Constitutional or national values - Democracy, socialism, secularism, equality, justice, liberty, freedom and fraternity. Social Values - Pity and probity, self-control, universal brotherhood. Professional Values - Knowledge thirst, sincerity in profession, regularity, punctuality and faith. Religious Values - Tolerance, wisdom, character. Aesthetic values - Love and appreciation of literature and fine arts and respect for the same. National Integration and international understanding.</p>
III	<p>UNIT – III: Impact of Global Development on Ethics and Values Conflict of cross-cultural influences, mass media, cross-border education, materialistic values, professional challenges and compromise. Modern Challenges of Adolescent Emotions and behavior; Sex and spirituality: Comparison and competition; positive and negative thoughts. Adolescent Emotions, arrogance, anger, sexual instability, selfishness, defiance.</p>
IV	<p>UNIT - IV: Therapeutic Measures Control of the mind through a. Simplified physical exercise b. Meditation – Objectives, types, effect on body, mind and soul c. Yoga – Objectives, Types, Asanas d. Activities: (i) Moralisation of Desires (ii) Neutralisation of Anger (iii) Eradication of Worries (iv) Benefits of Blessings</p>

Unit	Content
V	<p>UNIT - V: Human Rights</p> <ol style="list-style-type: none"> 1. Concept of Human Rights – Indian and International Perspectives <ol style="list-style-type: none"> a. Evolution of Human Rights b. Definitions under Indian and International documents 2. Broad classification of Human Rights and Relevant Constitutional Provisions. <ol style="list-style-type: none"> a. Right to Life, Liberty and Dignity b. Right to Equality c. Right against Exploitation d. Cultural and Educational Rights e. Economic Rights f. Political Rights g. Social Rights 3. Human Rights of Women and Children <ol style="list-style-type: none"> a. Social Practice and Constitutional Safeguards <ol style="list-style-type: none"> (i) Female Feticide and Infanticide (ii) Physical assault and harassment (iii) Domestic violence (iv) Conditions of Working Women 4. Institutions for Implementation <ol style="list-style-type: none"> a. Human Rights Commission b. Judiciary 5. Violations and Redressal <ol style="list-style-type: none"> a. Violation by State b. Violation by Individuals c. Nuclear Weapons and terrorism d. Safeguards.

Course Code	Course Name	Category	Hours/Week	Credits
25DIM2FC	Disaster Management	FC-II	2	2

Unit	Content
I	Unit I: Introduction to Disasters 1.1. Definition of Concepts 1.2. Difference between hazards and vulnerability 1.3. Types of Disasters 1.4. Natural Disasters 1.5. Human - Made Disasters
II	Unit II: Disasters Management 2.1. Disaster Management 2.2. Disaster Management Cycle 2.3. Key Phases of Disaster Management 2.4. Disaster and Development 2.5. Disaster Impacts on Differential Groups
III	Unit III: Vulnerability Assessment and Reduction 3.1. Vulnerability 3.2. Vulnerability Assessment 3.3. Early Warning System 3.4. Factors Contributing to Vulnerability 3.5. Vulnerability Reduction 3.6. Impact of Development Projects such as Dams, Embankments, Changes in Land-use etc. 3.7. Climate Change Adaptation
IV	Unit IV: Disaster Risk Reduction 4.1. Disaster Risk Reduction (DRR), 4.2. Knowledge Management in Disaster Risk Reduction 4.3. The Knowledge Management Cycle 4.4. Role of Information and Knowledge in Disaster Risk Reduction 4.5. Indigenous Knowledge and Disaster Risk Reduction 4.6. Indigenous Knowledge and Early Warning Indicators 4.7. Indigenous Knowledge and Coping Strategies 4.8. Sendai Framework for Disaster Risk Reduction 4.9. Intergovernmental Panel on Climate Change (IPCC) 4.10. IPCC Scenario in the Context of India
V	Unit V: Institutional Framework for Disaster Management 5.1. National Policy on Disaster Management 2009 5.2. The National Disaster Management Authority (NDMA) 5.3. State Disaster Management Authority (SDMA) 5.4. District Disaster Management Authorities (DDMAs) 5.5. Community-Based Disaster Management (CBDM) 5.6. NGOs and Disaster Management 5.7. Other Related Policies, Plans, Programmes and Legislation
Total Hours	
30	

References	
1.	Agrawal A. (1995), Dismantling the divide between Indigenous Knowledge and Scientific Knowledge. Development Change 26: 413 – 439.
2.	Mrinalini Pandey (2014), Text Book of Disaster Management, Wiley India Pvt Ltd.
3.	Pradeep K Goyal, Anil K Gupta, Disaster Management, All India Council for Technical Education Nelson Mandela Marg, Vasant Kunj, New Delhi, 110070
4.	Sharma S.C (2020), Disaster Management (1 st ed.), Khanna Book Publishing Co. (P) Ltd, New Delhi.
5.	Srivastava A.K (2021), Text Book of Disaster Management, Scientific Publishers, Jodhpur.
6.	Subramanian, (2018), Disaster Management, Vikas Publishing House, Noida.
7.	Tushar Bhattacharya (2015), Text Book of Disaster Science and Management, McGraw Hill Education.
8.	United Nation (2015), Sendai Framework for Disaster Risk Reduction. 2015 – 2030. Geneva: UNISDR
9.	www.EasyEngineering.net

Course Code	Course Name	Category	Hours / Week	Credits
25IDT2AE	Innovation & Design Thinking	AECC - II	2	2

Course Objectives

The Course intends to cover

- The principles and practices of innovation and design thinking.
- Creative problem-solving skills, and impactful solutions across diverse contexts.
- The user-centered research techniques, and practical tools to generate, prototype.

Course Learning Outcomes

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

CLO	CLO Statements	Knowledge Level
CLO1	Understand the design thinking methodology for solving real-world problems.	K2
CLO2	Generate, prototype, and test innovative ideas.	K3
CLO3	Frame human-centered solutions and present them effectively.	K3
CLO4	Enhance their confidence in collaborative approaches to problem solving.	K3
CLO5	Integrate innovation strategies into business, social, and creative contexts to drive sustainable impact.	K4
K2 - Understand; K3 – Apply ; K4 - Evaluate		

Ability Enhancement Compulsory Courses (AECC) - II: Innovation & Design Thinking

Unit	Content	No. of Hours
I	Principles of Design Thinking: Usability, Human-centeredness, Empathy, Iteration. Types of Innovation: Product, Process, Business Model, Social Innovation.	6
II	Empathy & Defining The Problem: Understanding users - observation - ethnographic research - interviews - Empathy maps and personas - Identifying user pain points - Problem framing vs. problem solving.	6
III	Ideation & Creativity Tools: Divergent vs. Convergent Thinking - Brainstorming and mind mapping techniques – SCAMPER. Idea selection and prioritization frameworks.	6
IV	Prototyping & Experimentation: Low-fidelity vs. High-fidelity prototyping - Storyboarding, sketching, mock-ups, and role-playing - Rapid prototyping with simple materials.	6
V	Testing & Feedback: Testing prototypes with users - Iteration and learning from feedback. Innovation Strategy & Implementation : Scaling ideas into innovations - Measuring innovation impact - Barriers - Design Thinking for social change and sustainability.	6
Total Hours		30
Text Books		
1	Kelley, T., & Kelley, D. (2013). Creative confidence: Unleashing the Creative Potential within us all. Crown Business.	
2	Dan Saffer, Designing for Interaction, New Riders Publications, 2010.	
Reference Books		
1	Plattner, H., Meinel, C., & Leifer, L. (Eds.). (2018). Design Thinking Research: Making Distinctions: Collaboration versus Cooperation. Springer.	
2	Liedtka, J., & Ogilvie, T. (2011). Designing for Growth: A Design Thinking Tool kit for Managers. Columbia University Press.	
3	Martin, R. (2009). The Design of Business: Why Design Thinking is the Next Competitive Advantage. Harvard Business Press.	
Web Resources (Swayam / NPTEL)		
1	https://onlinecourses.nptel.ac.in/noc22_mg32/preview	
2	https://onlinecourses.swayam2.ac.in/imb23_mg65/preview	
3	https://onlinecourses.nptel.ac.in/noc20_hs08/preview	

Course Code	Course Name	Category	Hours/Week	Credits
25IPR2AE	Intellectual Property Rights	AECC - II	2	2

Course Objectives

This course intends to cover

- Identify the objectives, forms, duration, and scope of protection for different types of intellectual property.
- Understand the global IP framework and India's compliance challenges.
- Recognize the role of IP as a policy tool for national, economic, social, and cultural growth.
- Gain knowledge of substantive laws and procedural mechanisms of IP in India.
- Analyze recent national and global trends in intellectual property rights.

Course Learning Outcomes

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

CLO	CLO Statements	Knowledge Level
CLO1	Understand the core principles of intellectual property protection.	K1, K2
CLO2	Identify the key concepts and principles of trademarks.	K2
CLO3	Comprehend the legal implications and rights under copyright law.	K3
CLO4	Understand the legal consequences of patents and trade secrets.	K2
CLO5	Comprehend IP rights for plant varieties and farmers, along with their legal and social aspects.	K4
K1 - Remember; K2 - Understand; K3 – Apply; K4 – Analyze		

**Ability Enhancement Compulsory Courses (AECC)-II:
Intellectual Property Rights**

Unit	Content	No. of Hours
I	Introduction to Intellectual Property: Introduction, types of intellectual property, international organizations, agencies and treaties, importance of intellectual property rights.	6
II	Trade Marks: Purpose and function of trademarks, acquisition of trade mark rights, protectable matter, selecting, and evaluating trade mark, trade mark registration processes.	6
III	Law of Copy Rights: Fundamental of copy right law, originality of material, rights of reproduction, rights to perform the work publicly, copy right ownership issues, copy right registration, notice of copy right, international copy right law.	6
IV	Law of Patents, Trade Secrets: Foundation of patent law, patent searching process, ownership rights and transfer. Trade Secrets: Trade secrete law, determination of trade secrete status, liability for misappropriations of trade secrets, protection for submission, trade secrete litigation.	6
V	Protection of Plant Varieties and Farmers’ Rights: Introduction -Meaning and Definition - Registrable Varieties of Plants - Procedure for Registration - Plant Varieties Protection.	6
Total Hours		30
Text Books		
1	V K Ahuja - Law Relating To Intellectual Property Rights - Lexis Nexis; Third edition , 2017.	
2	Elizabeth Verkey - Intellectual Property Law and Practice – Eastern Book Company – 2018.	
3	S R Myneni - Law of Intellectual Property - Asia Law House – 2021.	
Reference Books		
1	B.L. Wadehra - Law Relating To Intellectual Property – Universal Law Publishing House, New Delhi , 2011.	
2	Avtar Singh - Intellectual Property Law - Eastern Book Company – 2015.	
Web Resources (Swayam/NPTEL)		
1	https://onlinecourses.nptel.ac.in/noc22_hs59/preview	

Course Code	Course Name	Category	Hours / Week	Credits
25END2AE	Entrepreneurship Development	AECC – II	2	2

Course Objectives

This course intends to cover

- Basics of starting and managing entrepreneurial ventures.
- Tools for planning, funding, and entrepreneurial growth.

Course Learning Outcomes

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

CLO	CLO Statements	Knowledge Level
CLO1	Understand the concept of entrepreneurship.	K2
CLO2	Gain knowledge on entrepreneurial motivation	K2
CLO3	Apply business idea evaluation	K3
CLO4	Create systematic Business plan	K3
CLO5	Analyse business finance and support	K4
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyse		

Ability Enhancement Compulsory Course – II: Entrepreneurship Development

Unit	Content	No. of Hours
I	Entrepreneurship: Meaning of Entrepreneurship - Characteristics, Functions and Types of entrepreneurs - Intrapreneur vs. Entrepreneur - Need for Entrepreneurship in economic development - Contribution to GDP, Employment, Innovation.	5
II	Entrepreneurial Motivation: Meaning - Need for Achievement Theory - Risk-taking Behaviour - Innovation and Entrepreneur – Economic & non-economic factors affecting entrepreneurial growth.	5
III	Business Ideas: Sources of Business Ideas & Opportunity Identification – Idea generation techniques (Brainstorming, Design Thinking). Business incubation - Technical Assistance for small business – Preparation of Feasibility Reports, Legal Formalities and Documentation	7
IV	Business Plan: Meaning and importance of Business Plan – Structure and components – Market Study.	7
V	Entrepreneurial finance: Sources of finance (Bank, Angel investors, Venture Capital, Crowdfunding, Mudra Loans) - Institutional support to entrepreneurs (DIC, KVIC, EDII and MSME).	6
Total Hours		30
Text Books		
1	C.B. Gupta and N.P. Srinivasan (2020), Entrepreneurship Development, Sultan Chand and Sons.	
2	Dr. Vasant Desai and Dr. Kulveer Kaur (2021), Entrepreneurship Development and Management, Himalaya Publications.	
Reference Books		
1	Dr. Jayashree Suresh (2021), Entrepreneurial Publications, Margham Publications	
2	S S Khanka (2020), Entrepreneurial Development, Sultan Chand and Sons, New Delhi.	
Web Resources (Swayam/NPTEL)		
1	https://onlinecourses.nptel.ac.in/noc25_mg95/preview	

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
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				
50	CIA	ESE	CIA		Model		Total
	50	-	Actual	Weightage	Actual	Weightage	50
			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

