

RCS 2026

**NEHRU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)**

(Affiliated to Bharathiar University Accredited with “A+” Grade by NAAC,
ISO 9001:2015 (QMS) Certified, Recognized by UGC with 2(f) &12(B),
Under Star College Scheme by DBT, Approved by AICTE, Govt. of India)
Nehru Gardens, Thirumalayampalayam, Coimbatore - 641 105, Tamil Nadu, India.
E-mail: nascoffice@nehrucolleges.com. Ph: 0422-2480007 Web Site: www.nasccbe.ac.in

REGULATIONS, SCHEME AND SYLLABUS

B.Com., with Computer Applications

CURRICULUM & SYLLABUS



EFFECTIVE FROM 2026- 2027

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LOCF - Scheme of Examination

Programme: B.Com. Computer Applications

Programme Code: CCC

(Applicable to the students admitted during the Academic year 2026-2027 onwards)

Seme ster	Part	Sub. Code	Name of the Subject	Instr uctio nal hour s	Durati on of Exami nation	Examination Marks			Credits
						CIA	ESE	Total	
I	I	26U1TAM101/ 26U1HIN101/ 26U1MAL101/ 26U1FRN101	AEC I: Elanthamizh/ Rachnathmak Hindi/ Kadha, Samskaaram, Vivarthanam/ Français general - I	4	3	20	55	75	3
	II	26U2ENG101	AEC II: Professional English I	4	3	20	55	75	3
	III	26U3CCC101	DSC I: Fundamentals of Accountancy	5	3	25	75	100	4
		26U3CCC102	DSC II: Database Management System	5	3	25	75	100	4
		26U3CCP103	DSC III: Data Management and Query Processing -Practical	4	3	40	60	100	4
		26U3MAA101A\ 26U3MAA101B	GEC I: Mathematics for Business/ Essential Mathematics for Commerce	5	3	20	55	75	3
	IV	26U4ENV101	AEC III: Environmental Studies and SDG	1	3	50	-	50	2
		26U4BCS102	AEC IV: Introduction to Cyber Security	1	3	25	-	25	1
		26U4HVY201	VAC I: Human Values and Yoga Practice	1	-	-	-	-	-
				30					24

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Seme ster	Part	Sub. Code	Name of the Subject	Instru ctional hours	Durati on of Exami nation	Examination Marks			Credit s
						CIA	ESE	Total	
I	I	26U1TAM101/ 26U1HIN101/ 26U1MAL101/ 26U1FRN101	AEC I:Elanthamizh/ RachnathmakHindi/ Kadha,Samskaaram, Vivarthanam/ Français general - I	4	3	20	55	75	3
	II	26U2ENG101	AEC II: Professional English- I	4	3	20	55	75	3
	III	26U3CCC101	DSCI:Fundamentals of Accountancy	5	3	25	75	100	4
		26U3CCC102	DSCII:Database Management System	5	3	25	75	100	4
		26U3CCP103	DSCIII: Data Management and Query Processing Practical	4	3	40	60	100	4
		26U3MAA101/ 26U3MAA102	GECI	5	3	20	55	75	3
	IV	26U4ENV101	AEC III: Environmental Studies	1	3	50	-	50	2
		26U4BCS102	AEC IV: Introduction to Cyber Security	1	3	25	-	25	1
		26U4HVV201	VAC I:HumanValuesand Yoga Practice	1	-	-	-	-	-
				30				600	24

Generic Elective Course (GEC) (04 Courses) – Part III

Elective Papers	Course Code	Group	Course	Sem.	Hours	Marks	Credits
GEC I	26U3MAA101	A	Mathematics for Business	I	4	75	3
	26U3MAA102	B	Essential Mathematics for Commerce - I				

22.6.2026.
Chairman
Board of Studies in Commerce
Nehru Arts and Science College
Coimbatore



Principal
Principal
NEHRU ARTS AND SCIENCE COLLEGE
(Autonomous)
Nehru Gardens, Thirumalayampalayam,
Coimbatore, Tamil Nadu, India - 641 105

Course Code		Title		
26U1TAM101		AEC I : Elanthamizh - இளந்தமிழ்		
Semester : I		Credits : 3	CIA : 20 Marks	ESE : 55 Marks
(Common to All UG Programmes)				
Course Objective		மொழி இலக்கியத்தின் வாயிலாக அறம்சார் பண்பு மற்றும் ஆளுமை மிக்க மாணவர்களை உருவாக்குதல்.		
Course Category		Skill Development (மாணவர்களின் மொழித்திறனை ஊக்குவித்தல்)		
Development Needs		Regional (உலக அளவில் தமிழ் மொழியின் அவசியத்தை உணர்த்துதல்)		
Course Description		மாணவர்களின் மொழித்திறனை ஊக்குவித்தல் மற்றும் உலக அளவில் தமிழ் மொழியின் அவசியத்தை உணர்த்துதல்		
Course Outcomes			BTL	Assessment Methods
CO1	மாணவர்களின் மொழித்திறனை ஊக்குவித்தல் மற்றும் உலக அளவில் தமிழ் மொழியின் அவசியத்தை உணர்த்துதல்		K3	Assignment
CO2	சங்க இலக்கியங்கள் வாயிலாக சமூகச் சீர்திருத்தச் சிந்தனைகள் பெறப்படும்.		K4	
CO3	அற இலக்கியங்களின் வழி தமிழர்களின் வாழ்வியல் பண்புகளைக் கற்று அறிதல்		K3	Group Project
CO4	பெண்ணியக் கவிஞர்களின் படைப்புத் திறனை மாணவர்களுக்கு உணர்த்துதல்		K3	Quiz
CO5	மாணவர்களின் மொழித்திறனை ஊக்குவித்தல் மற்றும் உலக அளவில் தமிழ் மொழியின் அவசியத்தை உணர்த்துதல்		K4	
Offered by : தமிழ்த்துறை			SDG : 3,4, 5	
Course Content			Instructional Hours / Week : 4	
Unit	Description		Text Book	Chapters
I புதுக்கவிதை	1. அப்துல் ரகுமான் - உழவர்களைப் பாடுவோம் 2. மு.மேத்தா - தேசப்பிதாவுக்கு ஒரு தெருப் பாடகனின் அஞ்சலி! 3. சிற்பி - ஓடும் வரலாறு 4. வைரமுத்து - அம்மா 5. பழனி பாரதி - காடு		1	1 - 5
Instructional Hours			12	
Learning Activity : மாணவர்களுக்கு புதுக்கவிதை எழுதும் திறனை ஊக்குவித்தல்				
II அற இலக்கியம்	1. அறன் வலியுறுத்தல் - 31- 40 குறட்பாக்கள் 2. புகழ் - 231 - 240 குறட்பாக்கள் 3. வாய்மை - 291 - 300 குறட்பாக்கள் 4. நாலடியார் - பொருட்பால் - (கூடா நட்பு 1-10) 5. நான்மணிக்கடிகை - முதல் ஐந்து பாடல்கள்		1	6 - 10
Instructional Hours			12	
Learning Activity : கலந்துரையாடல்				

Verified by Chairman

Course Code		Title		
26U1HIN101		AEC I : Rachnathmak Hindi (रचनात्मक हिंदी)		
Semester : I		Credits : 3	CIA : 20 Marks	ESE : 55 Marks
(Common to all UG Programmes)				
Course Objective		हिंदी भाषा का अच्छा ज्ञान प्राप्त करने के लिए।		
Course Category		Skill Development		
Development Needs		Regional		
Course Description		Improves Accuracy & Quality, Improves Communication Skills		
Course Outcomes			BTL	Assessment Methods
CO 1	कविता से रचनात्मकता का विकास होता है। यह हमारे आसपास की दुनिया को समझने में भी मदद करता है।		K3	Assignment
CO 2	कहानियां छात्रों की कल्पना और जिज्ञासा को जगाने में मदद करती हैं।		K3	
CO 3	लोकोक्तियाँ और मुहावरे सीखने से सांस्कृतिक, ऐतिहासिक ज्ञान और अभिव्यक्ति में निखार आ जाता है। शब्द युग्म और भिन्नार्थक शब्दों की चयन करने से उच्चारण का महत्व बढ़ते हैं और संदर्भ के अनुसार सही शब्द चयन करने से कई क्षमता विकसित होती हैं		K3	Seminar
CO 4	व्याकरण हिंदी भाषा को सही ढंग से बोलने, लिखने और समझने में मदद करता है। विज्ञापन लेखन और कहानी लेखन छात्रों को उनके रचनात्मक लेखन और कल्पना शक्ति को विकसित करने में मदद		K4	Quiz
CO 5	अनुवाद सभी लोगों के बीच प्रभावी संचार को सक्षम बनाता है।		K3	
Offered by: Hindi			SDG: 3,4,5	
Course Content			Instructional Hours / Week: 4	
Unit	Description		Text Book	Chapters
I	कविताएँ: अज्ञेय: मैंने कहा, पेड़ अनामिका: बेजगह जयप्रकाश कर्दन: मेरी अधिकार कहाँ हैं ?		1	3
Instructional Hours			12	
Learning Activity : Visual Learning				
II	कहानियाँ: मृदुला गर्ग: हरी बिंदी जयशंकर प्रसाद: छोटा जादूगर महादेवी वर्मा: बिंदा		1	3
Instructional Hours			12	
Learning Activity : Visual Learning				

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Course Code		Title		
26U1MAL101		AEC I : Katha, Samskaram, Vivarthanam (കഥ,സംസ്കാരം,വിവർത്തനം)		
Semester : I		Credits : 3	CIA : 20 Marks	ESE : 55 Marks
(Common to All UG Programmes)				
Course Objective		ആധുനികകാലത്തെ മലയാളകഥകളെ കുറിച്ചും സംസ്കാരത്തെ കുറിച്ചും അവബോധം ഉണ്ടാക്കുന്നു		
Course Category		Skill Development		
Development Needs		Regional		
Course Description		Narrative Techniques, Critical appreciation, Language accuracy		
Course Outcomes			BTL	Assessment Methods
CO 1	കഥയുടെ സംവേദനം ആസ്വാദകന്റെ അഭിരുചിയെ പൂർത്തിയാക്കുന്നു		K3	Assignment
CO 2	ജീവിതത്തെ മഹത്വവൽക്കരിക്കുന്ന കഥാപരിസരങ്ങൾ		K3	
CO 3	സംസ്കാരത്തെകുറിച്ചുള്ള അവബോധം, സ്വാഭിമാനം		K3	Seminar
CO 4	വിവർത്തനപരിശീലനത്തിൽ അഭിരുചി		K4	Quiz
CO 5	ഭാഷാ സാഹിത്യവിശകലനം		K4	
Offered by : Malayalam			SDG : 3,4,5	
Course Content :			Instructional Hours / Week : 4	
Unit	Description		Text Book	Chapters
I	തിരഞ്ഞെടുത്ത കഥകൾ നഷ്ടപ്പെട്ട നീലാംബരി (മാധവിക്കുട്ടി)		1	1,2,3 & 4
Instructional Hours			12	
Learning Activity : Visual Learning				
II	തിരഞ്ഞെടുത്ത കഥകൾ നഷ്ടപ്പെട്ട നീലാംബരി(മാധവിക്കുട്ടി)		1	5,6,7 & 8
Instructional Hours			12	
Learning Activity : Visual Learning				
III	തിരഞ്ഞെടുത്ത കഥകൾ നഷ്ടപ്പെട്ട നീലാംബരി(മാധവിക്കുട്ടി)		2	9,10,11,12,13
Instructional Hours			12	
Learning Activity : Auditory, Visual				
IV	തിരഞ്ഞെടുത്ത ലേഖനങ്ങൾ സാഹിത്യവും സംസ്കാരപഠനവും(ഇ. വി രാമകൃഷ്ണൻ)		2	1
Instructional Hours			12	
Learning Activity : Auditory, Visual				

V	വിവർത്തനം പ്രായോഗികപരിശീലനം										3	1	
Instructional Hours												12	
Learning Activity : Comprehensive writing													
Total Hours												60	
Text Books	1. നഷ്ടപ്പെട്ട നീലാംബരി(മാധവിക്കുട്ടി) 2. സാഹിത്യവും സംസ്കാരപഠനവും(ഇ. വി രാമകൃഷ്ണൻ) 3. തർജ്ജമ സിദ്ധാന്തവും പ്രയോഗവും(ജയ സുകുമാരൻ)												
Reference Books	1. എംആർചുതൻ . - ചെറുകഥ ഇന്നലെ ഇന്ന് - ഡി ബുക്സ്.സി. കോട്ടയം 2. ചെറുകഥയുടെ ഛന്ദസ്സാജകൃഷ്ണൻ മാത്യുഭൂമി ബുക്സ് .വി - കോഴിക്കോട് 3. പുതിയ കഥ പുതിയ വായന - എഡി ഷീബാ ദിവാകരൻ.ഡോ : പുസ്തകലോകം പ്രസദ്ധീകരണം കോഴിക്കോട് 4. കേരള സംസ്കാരം ശ്രീധര മേനോൻ. എ - നാഷണൽ ബുക്സ് കോട്ടയം												
Web. URLs	https://sde.uoc.ac.in/sites/default/files/sde_videos/MAL3E03.pdf												
Tools for Assessment (20 Marks)													
CIA I		CIA II		CIA III		Assignment		Seminar		Quiz		Total	
4		4		5		2		2		3		20	
Mapping													
CO / PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	L	H	M	H	H							
CO2	M	H	H	L	H	M							
CO3	H	M	H	M	M	H							
CO4	H	M	L	M	L	H							
CO5	N	H	L	H	H	M							
H-High; M-Medium; L-Low													
Course designed by								Verified by Chairman					

Course Code		Title			
26U1FRN101		AEC I : Français général - I			
Semester : I		Credits : 3	CIA : 20 Marks	ESE : 55 Marks	
(Common to All UG Programmes)					
Course Objective		To equip learners with fundamental French language skills in listening, speaking, reading, and writing, along with basic grammar, vocabulary, pronunciation, and cultural awareness, enabling them to communicate Effectively in simple everyday situations			
Course Category		Skill Development			
Development Needs		Global			
Course Description		Improved accuracy & quality, improved communication			
Course Outcomes			BTL	Assessment Methods	
CO1	Recognize basic French words, greetings, and expressions.		K3	Assignment	
CO2	Understand simple self-introductions and personal details.		K4		
CO3	Use basic vocabulary and present tense in simple sentences.		K3	Seminar	
CO4	Examine basic sentence patterns in French.		K3		
CO5	Develop basic writing and reading skills.		K4	Quiz	
Offered by		Department of FrenchSDG : 4, 10			
Course Content			Instructional Hours / Week : 4		
Unit	Description			Text Book	Chapters
I	BIENVENUE (pg 10 - 17) Grammaire: (pg 122 - 124)			1	1
Instructional Hours					12
Learning Activity : Worksheet					
II	CONTACTS (pg 18 - 28) Grammaire: (pg 125 - 128)			1	2
Instructional Hours					12
Learning Activity : Kahoot Quiz					
III	COMMUNICATION (pg 29 - 33) Grammaire: (pg 129 - 130)			1	3
Instructional Hours					12
Learning Activity : Audio & Visual					
IV	QU'EST-CEQU'ILFONT (pg 34 - 44) Grammaire: (pg 131 - 136)			1	4
Instructional Hours					12
Learning Activity : Comprehensive Writing					

V	COMMUNICATION (pg 45 - 49)										1	5	
	Grammaire: (pg 137 - 139)												
Instructional Hours												12	
Learning Activity : Translating Exercises													
UNITÉ 1, UNITÉ 2 (Pg 10 - 49)											Total Hours	60	
Text Books		Nouvelle Génération A1											
Reference Books		Alter Ego											
Web. URLs		Duolingo App, SWAYAM, NPTEL											
Tools for Assessment (20 Marks)													
CIAI		CIAII		CIAIII		Assignment		Seminar		Quiz		Total	
4		4		5		2		2		3		20	
Mapping													
CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	H	H	H	H	-	-	-	-	-	-	-
CO2	-	-	H	M	H	M	-	-	-	-	-	-	-
CO3	-	-	M	M	M	H	-	-	-	-	-	-	-
CO4	-	-	L	H	L	H	-	-	-	-	-	-	-
CO5	-	-	L	M	H	H	-	-	-	-	-	-	-
H-High; M-Medium; L-Low													
Course designed by							Verified by Chairman						

Course Code		Title			
26U2ENG101		AEC II : Professional English – I			
Semester : I		Credits : 3	CIA : 20 Marks	ESE : 55 Marks	
Course Objective		To strengthen English language competence through literature-based learning, grammar instruction, vocabulary development, and communicative activities, enabling effective participation in academic, professional, and social contexts.			
Course Category		Skill Development			
Development Needs		Global / National / Regional			
Course Description		This course enhances communication competence through literary studies, grammar practice, vocabulary enrichment, and writing skills for diverse contexts.			
Course Outcome				BTL	Assessment Methods
CO 1	Explain and interpret the themes, ideas, and language features of prose texts while applying parts of speech and sentence structures effectively in communication.			K3	Quiz
CO 2	Interpret poetic themes and literary devices and apply appropriate tenses, homonyms, and homophones in spoken and written communication.			K3	
CO 3	Analyze characters, plot, and narrative techniques in short stories and demonstrate effective storytelling using appropriate sentence patterns and vocabulary.			K3	Assignment
CO 4	Analyze dramatic elements in one-act plays and employ correct voice structures, idioms, and phrases in communicative contexts.			K4	Group Project
CO 5	Develop professional writing skills using appropriate language conventions.			K4	
Offered by: English				SDG: 4,8	
Course Content				Instructional Hours / Week: 4	
Unit	Description			Text Book	Chapters
I	Prose: Charles Lamb: Dream Children: A Reverie Jesse Owens: My Greatest Olympic Prize Grammar: Parts of Speech, Types of Sentence Vocabulary: Word formation (prefixes & suffixes)			1	01 - 19
Instructional Hours					12
Learning Activity: Think–Pair–Share					
II	Poetry: William Wordsworth – Solitary Reaper W. B. Yeats - The Ballad of Father Gilligan Grammar: Tenses Vocabulary: Homonyms & Homophones			1	20 - 32
Instructional Hours					12
Learning Activity: Visual Interpretation					

III	Short Story O. Henry – The Gift of Magi R K Narayan – An Astrologer’s Day Grammar: Sentence Patterns Vocabulary: Single word Substitution							1	33 - 51				
Instructional Hours										12			
Learning Activity: Story Narration													
IV	One Act Play: Saki – Villa for Sale Percival Wilde – The Hour of Truth Grammar: Voices Vocabulary: Idioms & Phrases							1	52 - 79				
Instructional Hours										12			
Learning Activity: Role Play													
V	Writing Skills Letter Writing (Formal & Informal), Email Writing, Advertisement, Report Writing and Hints Developing							1	80 - 87				
Instructional Hours										12			
Learning Activity: Mock interview													
Total Hours										60			
Text Books		Professional English I – Compiled by the department of English, NASC											
Reference Books		1. English Grammar in Use Raymond Murphy, <i>English Grammar in Use</i> , 5th Edition, Cambridge University Press, Cambridge, 2019. 2. Practical English Usage Michael Swan, <i>Practical English Usage</i> , Oxford University Press, Oxford, 2016											
Web. URLs		1. British Council Learn English: https://learnenglish.britishcouncil.org 2. Cambridge English: https://www.cambridgeenglish.org											
Tools for Assessment (20 Marks)													
CIA I		CIA II		CIA III		Group Project		Assignment		Quiz		Total	
4		4		5		2		2		3		20	
Mapping													
CO / PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	L	H	L	M	M	H	M	H	H	M	H	M
CO2	M	L	H	L	M	M	H	M	H	H	M	H	M
CO3	M	L	H	L	M	M	H	M	H	H	M	H	M
CO4	M	L	H	L	M	M	H	M	H	H	M	H	M
CO5	M	L	H	L	M	M	H	M	H	H	M	H	M
H-High; M-Medium; L-Low													
Course designed by								Verified by Chairman					

Course Code		Title		
26U3CCC101		DSC I: Fundamentals of Accountancy		
Semester: I		Credits: 4	CIA: 25 Marks	ESE: 75 Marks
Course Objective		Make students understand the basic Concepts and Conventions of Accounting Transaction.		
Course Category		Employability		
Development Needs		Regional		
Course Description		This course is an introduction to the fundamental concepts of financial accounting as prescribed by Generally Accepted Accounting Principles (GAAP) as applied to Transactions and events that affect business organizations.		
Course Outcomes			BTL	Assessment Methods
CO 1	Explain fundamentals of accounting.		K3	Assignment
CO 2	Prepare final accounts.		K3	
CO 3	Determine the errors and rectification and prepare bank reconciliation statement.		K3	Work Sheet
CO 4	Prepare accounting entries relating to bills of exchange, including renewal and retirement of bills.		K4	Quiz
CO 5	Apply depreciation methods.		K4	
Offered by: Commerce			SDG : 4,8	
Course Content			Instructional Hours / Week: 5	
Unit	Description		Text Book	Chapters
I	Fundamentals of Accounting: Meaning and Definition of Accounting - Bookkeeping - and Accounting Concepts and Conventions.		1	1
	Accounting Principles: Indian Accounting Standards - Accounting Standards in India- International Accounting Standards (only Outlines)		1	2A
	Preparation of Journal Entries –Ledger Accounts –Preparation of Trial balance		1	2B
Instructional Hours			15	
Learning Activity: Mind Mapping				
II	Final Accounts: Trading Account, Profit & Loss Account and Balance Sheet – Adjustment entries.		1	5
Instructional Hours			15	
Learning Activity: Mind Mapping				

III	Rectification of Errors- Classification of Errors - Location of Errors - Suspense accounts.						1		3				
	Bank Reconciliation Statement (BRS): Meaning – Need – Preparation of Bank Reconciliation Statement.						1		6				
Instructional Hours										15			
Learning Activity: Flipped Class													
IV	Bills of Exchange: Accounting entries in the books of Drawer and Acceptor – Renewal and Retiring of a Bill – Accommodation Bill. Bills of Exchange: Accounting entries in the books of Drawer and Acceptor – Renewal and Retiring of a Bill – Accommodation Bill.						1		28				
Instructional Hours										15			
Learning Activity: Mind Mapping													
V	Depreciation – Concept of Depreciation - Causes of Depreciation- Importance and Features of Depreciation - Methods (Straight Line Method, Written Down Value Method and Annuity Method) - Computation and Accounting Treatment.						1		10				
Instructional Hours										15			
Learning Activity: Flipped Class													
Total Hours										75			
Text Book		1. T.S Reddy and A. Murthy., Financial Accounting , Margham Publications, 2023.											
Reference Books		1. M.P. Gupta and B.M Agarwal, Advanced Accountancy , Sultan Chand and Sons, 2022. 2. M.C. Shukla, T.S. Grewal and S.C. Gupta, Advanced Accounts , S. Chand and Company Pvt. Ltd., 2016.											
Web. URLs		1. https://taxguru.in/chartered-accountant/basics-accounting-conventions-principles-concepts.html											
Tools for Assessment (25 Marks)													
CIA I		CIA II		CIA III		Assignment		Work Sheet		Quiz		Total	
5		5		6		3		3		3		25	
Mapping													
CO / PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO 8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	M	H	M	M	M	M	L	M	M	M	H	L	M
CO2	H	M	H	M	H	M	L	H	H	L	M	M	H
CO3	M	M	M	L	M	H	L	M	H	M	M	M	H
CO4	H	H	H	M	H	M	L	H	M	M	M	M	M
CO5	M	L	M	H	M	M	L	M	H	M	M	H	M
H-High; M-Medium; L-Low													
Course designed by								Verified by Chairman					

Ms. N.Aswathy	Dr.R.Mahadevi

Course Code		Title		
26U3CCC102		DSC II : Database Management System		
Semester: I		Credits: 4	CIA: 25 Marks	ESE: 75 Marks
B.Com CA				
Course Objective		Enable the students to interpret the Architectural Concept, Structural Embedded SQL, Hierarchical Approach and Network Concept.		
Course Category		Employability		
Development Needs		Global		
Course Description		The course is to present an introduction to database management systems, with an emphasis on how to organize, maintain and retrieve - efficiently, and effectively -information from a DBMS.		
Course Outcomes			BTL	Assessment Methods
CO 1	Define the principles and concepts of database management system		K2	Debugging Activity
CO 2	Classify the difference between various Queries		K3	
CO 3	Construct normalization based on functional dependency		K3	Assignment
CO 4	Categorize the basic storage structures and access techniques		K4	Program Development
CO 5	Define the data integrity in database		K4	
Offered by: Commerce			SDG : 4, 9	
Course Content			Instructional Hours / Week : 5	
Unit	Description		Text Book	Chapters
I	Introduction to DBMS: Database Systems-Organization of Database - Characteristics of Data – Functions of DBMS Components of DBMS		1	1
	Database Users: Database Administrator – Designers - End User		1	3
Instructional Hours			15	
Learning Activity: Basic Program Development, Debugging Exercises				
II	Database Architecture and Design: Architecture – Abstraction Independency - Languages. Design Constraints		1	4
	Data Models: Hierarchical Model– Network Model - Relational Model-E-R Model - E-R diagram		1	5
Instructional Hours			15	
Learning Activity: Function-Based Program Development				
III	SQL: Characteristics - Data Types – Literals - SQL Comments – SQL Operators – Keys – Primary key and foreign key.		1	5
	SQL: DDL, DML, DCL, TCL		1	6
Instructional Hours			15	
Learning Activity: Array-Based Problem Solving				
IV	Aggregate Functions: COUNT, SUM, AVG, MIN, MAX		1	8

Course Code		Title		
26U3CCP103		DSC III : Data Management and Query Processing - Practical		
Semester : I		Credits : 4	CIA : 40 Marks	ESE : 60 Marks
Course Objective		To understand the Database Architectural Concept, Hierarchical approach and Network Concept.		
Course Category		Skill Development		
Development Needs		Global		
Course Description		This course culminates with a project that challenges students to program, implement, and demonstrate a database solution for a business or organization.		
Course Outcomes			BTL	Assessment Methods
CO1	Knowledge of creating a table retrieves records and calculate GP		K3	Lab Assessment
CO2	Able to extract records from table with Constraints		K3	Code Debugging
CO3	Ability to create table and aware of doing calculation in table with constraints		K4	Lab Performance
CO4	Implementing mathematical functions in Oracle		K4	Case Study Analysis
Offered by		Commerce	SDG : 4, 9	
Course Content			Instructional Hours / Week :4	
LIST OF PROGRAMS				
Concept 01: Introduction to DBMS Basic Level (K1/K2): Create a database for a supermarket management system. Intermediate Level (K3/K4): Create a table named CUSTOMER with appropriate fields. Advanced Level (K5/K6): Create EMPLOYEE and DEPARTMENT tables and establish a Foreign Key relationship between them.				
Concept 02: DDL Commands Basic Level (K1/K2): Create a STUDENT table with suitable data types Intermediate Level (K3/K4): Add a new column named Email to the STUDENT table. Advanced Level (K5/K6): Delete an existing table from the database using DROP command.				
Concept 03: DML Commands Basic Level (K1/K2): Insert records into the SALES table.. Intermediate Level (K3/K4): Update the salary of an employee in the EMPLOYEE table Advanced Level (K5/K6): Delete records of inactive customers from the CUSTOMER table.				
Concept 04: TCL Commands Basic Level (K1/K2): Demonstrate the use of COMMIT command after inserting records. Intermediate Level (K3/K4): Perform ROLLBACK operation after deleting records from a table. Advanced Level (K5/K6): Create a SAVEPOINT and restore data using ROLLBACK TO SAVEPOINT.				
Concept 05: File Handling and Exception Basic Level (K1/K2): Define and illustrate file handling by creating a file and writing data into it. Intermediate Level (K3/K4): Retrieve the details of customers whose city is Coimbatore. Advanced Level (K5/K6): Find the total salary paid to employees using SUM() function.				

Total Hours												60	
Tools for Assessment (40 Marks)													
Laboratory Performance - Debugging activity		Laboratory Performance - Program design and Output Accuracy		Laboratory Performance- Viva voce		Test 1		Test 2		Observation Note Book		Total	
5		5		5		10		10		5		40	
Mapping													
CO / PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	M	L	M	M	L	M	M	M	M	L	M
CO2	H	H	M	L	M	M	L	M	M	M	M	M	H
CO3	H	H	M	L	H	M	L	M	M	H	M	M	H
CO4	H	H	M	M	H	M	M	H	M	H	H	M	H
H-High; M-Medium; L-Low													
Course designed by								Verified by Chairman					
Ms. R.Aparna								Dr. R.Mahadevi					

Course Code		Title		
26U3MAA101		Generic Elective Course I: Mathematics for Business		
Semester: I		Credits: 3	CIA: 20 Marks	ESE: 55 Marks
(Common to all B. Com Programmes)				
Course Objective		To provide the basic concepts of Algebra and learn the applications of calculus in business Problems.		
Course Category		Skill Development		
Development Needs		National		
Course Description		This course offers complete skill to understand basic function of Mathematics and to apply the arithmetic skills in real Business scenario.		
Course Outcomes			BTL	Assessment Methods
CO 1	Solve financial problems involving Simple and Compound interest.		K3	Seminar
CO 2	Solve Simultaneous Linear Equations.		K3	Quiz
CO 3	Apply the concepts of Derivatives in solving business problems.		K4	Assignment
CO 4	Implement the ideas of Integration in Business problems.		K3	Assignment
CO 5	Relate the concepts of LPP in Decision making environment.		K4	Seminar
Offered by		Mathematics		
		SDG: 4, 8		
Course Content			Instructional Hours / Week: 5	
Unit	Description		Text Book	Chapters
I	Set Theory: Sets -Types of sets -Venn diagram - Set operations – Laws and Properties of Sets – Number of Elements.		1	3
	Mathematics for Finance - Simple and Compound Interest.		1	2
Instructional Hours				15
Learning Activity: Seminar on finding Interest for Business Problems				02 Hrs
II	Matrices: Basic Concepts – Addition and Multiplication of Matrices – Inverse of a Matrix: Cramer’s rule and Matrix Inversion Method – Rank of Matrix- Solution of Simultaneous Linear Equation.		1	4
Instructional Hours				15
Learning Activity: Assignment on solving simultaneous linear equations				02 Hrs
III	Variables, Constants And Functions: Limits of Algebraic Functions – Simple Differentiation of Algebraic Functions.		1	5
	Meaning of Derivations: Evaluation of First and Second order Derivatives – Maxima and Minima – Application to Business Problems.		1	6,7
Instructional Hours				15
Learning Activity: Seminar on Maxima Minima functions				02 Hrs
IV	Elementary Integral Calculus: Determining Indefinite and Definite Integrals of simple Functions – Integration by Parts. (Simple		1	8

	problems only)												
Instructional Hours			15										
Learning Activity: Problem solving practice on integral calculus			02 Hrs										
V	Linear programming Problem: – Mathematical Formulation – Graphical Method and Simplex Method (Simple problems only).	1	9										
Instructional Hours			15										
Learning Activity: Problem solving on Formulation of LPP			02 Hrs										
Total Hours			75 Hrs										
Text Books		1. Text Book(s): P. A. Navanitham, Business Mathematics & Statistics (Part -I), Jai Publishers, June 2016.											
Reference Books		1. S.P. Gupta, Statistical Methods, Sultan Chand & Sons, 2014. 2. D.C. Sanchetti and V.K. Kapoor, Business Mathematics, Sultan Chand Co Ltd., New Delhi, 1999 3. Kalavathy, Operations Research, Vikas Publishing House Pvt.Ltd., 2009											
Web. URLs		1. https://www.youtube.com/watch?v=oaOm2pnKkyY (Set Theory) 2. https://youtu.be/1Q5Z1fGeLqk , https://youtu.be/4Augy2kdEUE (Rank of a Matrix) 3. https://youtu.be/c_0b_nBCKnU , https://youtu.be/qO1SYFZVmhY (Simple & Compound Interest)											
Tools for Assessment (20 Marks)													
CIA I	CIA II	CIA III	Assignment	Seminar	Quiz	Total							
4	4	5	2	2	3	20							
Mapping													
CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	L	H	M	H	H	L	H	M	H	M	H
CO2	H	M	L	M	M	M	M	L	H	H	L	H	H
CO3	H	M	L	H	H	H	H	L	H	L	M	H	L
CO4	H	M	L	H	M	M	H	L	M	M	H	L	M
CO5	H	M	L	H	H	H	H	L	M	H	H	M	M
H-High; M-Medium; L-Low													
Course designed by								Verified by					

Course Code		Title	
26U4ENV101		AEC III - Environmental Studies	
Semester : I		Credits : 2	CIA : 50 Marks
(Common to all UG Programmes)			
Course Objective		This course enables the students to recognize the interconnectedness of multiple factors in Environmental challenges and communicate clearly and competently matters of environment concern.	
Course Category		Employability	
Development Needs		National & Global	
Course Outcomes		BTL	Assessment Methods
CO 1	Understand key concepts from economic, political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions	K3	Album Preparation
CO 2	Understand concepts and methods from ecological and physical sciences and their application in environmental problem solving.	K3	Album Preparation
CO 3	Solve the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.	K3	Group Discussions
CO 4	Demonstrate an understanding of environmental sustainability through Sustainable Development Goals, resource conservation, waste management, and community participation in addressing environmental issues	K4	Group Discussions
CO 5	Apply systems concepts and methodologies to analyse and understand interactions between social and environmental processes.	K4	Field visit & Report
SDG :13, 14, 15			
Course Content		Instructional Hour / Week : 1	
Unit	Description	Text Book	Chapters
I	Natural Resources: Forest resources, Water resources, Mineral resources, Food resources, Energy resources and Land resources.	1	2
Instructional Hours			3
Learning Activity : Video lectures from In-house MOOC			
II	Ecosystems: Concept of an ecosystem, Structure and function; Introduction, types, characteristic features, structure and function of ecosystem - Forest ecosystem, Grassland ecosystem, Desert ecosystem, Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries). Activity: Prepare an album on types of Ecosystem	1	3
Instructional Hours			3
Learning Activity : Video lectures from In-house MOOC			
III	Environmental Pollution: Definition Causes, effects and control measures of Air pollution, Water pollution, Soil pollution, Marine pollution and Noise pollution, Solid waste management. Activity: Discuss the solutions for water pollution	1	5
Instructional Hours			3
Learning Activity : Group Discussion			

IV	Social Issues and the Environment: Water conservation, rain water harvesting, watershed management, Environmental ethics - Issue summits’ and possible solutions and Public awareness. Introduction to the Sustainable Development Goals - Resource conservation and waste management - Environmental awareness and community participation. Activity: Identify and analyse a Social Issue and an Environment issue in your locality.	1	6										
		4	4,7,10,11										
Instructional Hours			3										
Learning Activity : Group Discussion													
V	Disaster Management: Floods, Earthquakes, Cyclones, Landslides: From management to mitigation of disasters: Themain elements of a mitigation and measures of strategy: Floods, Earthquakes, Cyclones and Landslides	3	16										
Instructional Hours			3										
Learning Activity: Group Discussion													
Field Work: Visit to local area to document Environmental assets (River / Forest / Grass land / Mountain), Visit to local polluted site (Urban / Rural /industrial / Agricultural), Study of common plants, insects, birds, Study of simple ecosystem: Pond, River, Hill slopes.													
Total Hours			15										
Text Book(s)	1. Shashi Chawla. A Text Book of Environmental Studies, Tata McGraw-Hill, 2012.												
	2. In-house MOOC for ‘Environmental Studies’ developed by Nehru Arts and Science College and hosted through Moodle platform												
	3. From UGC website: https://www.ugc.ac.in/oldpdf/modelcurriculum/env.pdf												
	4. Sustainable Economic Development & Environment, Raj Kumar Sen, Kartik C.Roy, Atlatic Publishers & Distributors Pvt Ltd,2021												
Tools for Assessment (50 Marks)													
Ecosystem Album Preparation		Field visit and report submission	Group discussions about issues related to their locality / about Disaster Management	Quiz	Total								
10		10	5	25	50								
Mapping													
CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	L	-	L	H	H	H	H	L	L	-	-	-	-
CO2	L	-	L	H	H	H	H	L	L	-	-	-	-
CO3	L	-	L	H	H	H	H	L	L	-	-	-	-
CO4	L	-	L	H	H	H	H	L	L	-	-	-	-
CO5	L	-	L	H	H	H	H	L	L	-	-	-	-
H-High; M-Medium; L-Low													
Course designed by								Verified by					

Course Code		Title			
26U4BCS102		AEC IV: Introduction to Cyber Security			
Semester : I		Credit : 1		CIA : 25 Marks	
(Common to all UG Programmes)					
Course Objective		To introduce the basic concepts of cybersecurity and create awareness about cyber threats, attacks, security mechanisms, legal aspects, and professional opportunities, enabling students to develop safe and responsible use of digital systems.			
Course Category		Skill Development			
Development Needs		Global			
Course Description		To provide an introduction to cyber security concepts, cyber crimes, mobile and wireless security, cyber attack tools and techniques, and safe digital practices for secure use of digital systems.			
Course Outcomes				BTL	Assessment Methods
CO 1	Understand the basic concepts of cybersecurity, issues and challenges associated with it.			K2	Quiz
CO 2	Understand the cyber crimes, their nature and legal remedies.			K2	
CO 3	Appreciate various privacy and security concerns on online Social media and understand the reporting procedure of inappropriate content.			K4	Practical Demonstration
CO 4	Familiar with various digital payment modes and related cyber security aspects, RBI guidelines and preventive measures against digital payment frauds.			K4	
CO 5	Understand the basic security aspects related to Computer and Mobiles			K3	
SDG : 4, 8,9					
Course Content				Instructional Hours / Week : 1	
Unit	Description				
I	Unit I : Basics of Cyber Security Introduction to Cyber Security – Need for Cyber Security – Internet Infrastructure for data transfer and governance - Defining Cyber Space- Regulation for Cyber Space - Cyber Security terminology - The CIA Triads - Types of Cyber attackers - Issues and challenges in Cyber Security				
				Instructional Hours	3
Learning Activity: Case study discussion on recent cyberattacks					
II	UNIT II : Cyber Crime and Cyber law Classification of cyber crimes- Common cyber crimes- cyber crime targeting computers and mobiles, cyber crime against women and children, financial frauds, social engineering attacks, malware and ransomware attacks, zero day and zero click attacks- Reporting of cyber crimes- Remedial and mitigation measures -Legal perspective of cyber crime IT Act 2000 and its amendments.				
				Instructional Hours	3
Learning Activity: Checklist for reporting cyber crime at Cyber crime Police Station, reporting online, Reporting phishing emails					

III	UNIT III : Social Media Overview and Security Introduction to Social networks. Types of Social media, Social media platforms, Social media monitoring, Hashtag, Viral content, Social media marketing, Social media privacy, Challenges, opportunities and pitfalls in online social network, Security issues related to social media, Flagging and reporting of inappropriate content, Laws regarding posting of inappropriate content, Best practices for the use of Social media.												
Instructional Hours												3	
Learning Activity: Basic checklist, privacy and security settings for popular Social media platforms, Reporting and redressal mechanism for violations and misuse of Social media													
IV	UNIT IV : E-Commerce and Digital Payments Elements of E-Commerce security, E-Commerce threats, E-Commerce security best practices, Introduction to digital payments, Components of digital payment and stake holders, Modes of digital payments- Banking Cards, Unified Payment Interface (UPI), e-Wallets, Unstructured Supplementary Service Data (USSD), Aadhar enabled payments, Digital payments related common frauds and preventive measures. RBI guidelines on digital payments.												
Instructional Hours												3	
Learning Activity: Configuring security settings in Mobile Wallets and UPIs													
V	UNIT V : Digital Devices Security, Tools and Technologies for Cyber Security. End Point device and Mobile phone security, Password policy, Security patch management, Data backup, Downloading and management of third party software, Device security policy, Cyber Security best practices, Management of host firewall and Anti-virus, Wi-Fi security.												
Instructional Hours												3	
Learning Activity: Discuss and implement common cyber safety practices to be used in daily life.													
Total Hours												15	
Reference Books	1. Cyber Security Understanding Cyber Crimes, Computer Forensics and Legal Perspectives by Sumit Belapure and Nina Godbole, Wiley India Pvt. Ltd. (First Edition, 2011) 2. Cyber Crime Impact in the New Millennium, by R. C Mishra , Auther Press. Edition 2010. 3. Security in the Digital Age: Social Media Security Threats and Vulnerabilities by Henry A. Oliver, Create Space Independent Publishing Platform. (Pearson , 13th November, 2001) 4. Electronic Commerce by Elias M. Awad, Prentice Hall of India Pvt Ltd. 5. Cyber Laws: Intellectual Property & E-Commerce Security by Kumar K, Dominant Publishers. 6. Network Security Bible, Eric Cole, Ronald Krutz, James W. Conley, 2nd Edition, Wiley India Pvt. Ltd. 7. Fundamentals of Network Security by E. Maiwald, McGraw Hill.												
Assessment: Computer Based Test for 50 Marks to be converted to 25													
Mapping													
CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1		L	H			H		M					
CO2		L	H			H		M					
CO3		L	H			H		M					
CO4		L	H			H		M					
CO5		L	H			H		M					
H-High; M-Medium; L-Low													
Course designed by							Verified by Chairman						

Course Code		Title		
26U1TAM202		AEC V : Pynthamizh (பைந்தமிழ்)		
Semester : II		Credits : 3	CIA : 20 Marks	ESE : 55 Marks
(Common to All UG Programmes)				
Course Objective		மொழி இலக்கியத்தின் வாயிலாக அறம் சார் பண்பு மற்றும் ஆளுமைமிக்க மாணவர்களை உருவாக்குதல்		
Course Category		Skill Development (மாணவர்களின் மொழித்திறனை ஊக்குவித்தல்)		
Development Needs		Regional (உலக அளவில் தமிழ் மொழியின் அவசியத்தைஉணர்த்துதல்)		
Course Description		மாணவர்களின் மொழித்திறனை ஊக்குவித்தல் மற்றும் உலக அளவில் தமிழ் மொழியின் அவசியத்தை உணர்த்துதல்		
Course Outcomes			BTL	Assessment Methods
CO 1	பக்தி இலக்கியங்கள் வழி வாழ்வியல் நெறிகளை மாணவர்களுக்கு எடுத்துரைத்தல்		K3	Assignment
CO 2	சிற்றிலக்கியங்களின் மூலம் தமிழர்களின் வாழ்க்கை கூறுகளை எடுத்துரைத்தல்		K3	
CO 3	தமிழ் நாவல்களின் வழி சமுதாயச் சிந்தனைகளைக் கூறுதல்		K3	Group Project
CO 4	இலக்கண அறிவை வளர்த்தல்		K4	Quiz
CO 5	தமிழ் இலக்கிய வரலாற்றுத்திறனை மேம்பாடு அடையச் செய்தல்		K5	
Offered by : தமிழ்த்துறை			SDG : 3,4,5	
Course Content			Instructional Hours / Week : 4	
Unit	Description		Text Book	Chapters
I பக்தி இலக்கியங்கள்	1. திருமந்திரம் - மூன்றாம் தந்திரம் (அதிகாரம் 2) - அட்டமாசித்திகள் 2. நாலாயிரத் திவ்வியப்பிரபந்தம்- பெரியாழ்வார் - திருப்பல்லாண்டு 3. மாணிக்கவாசகர் - எட்டாம் திருமுறை - அச்சோப்பதிகம் 4. திருநாவுக்கரசர் - திருவாங்கமாலை நான்காம் திருமுறை - தேவாரம்		1	1 - 4
Instructional Hours			12	
Learning Activity : ஆன்kபக சிந்தனைத்திறன் பெற்றமை				
II சிற்றிலக்கியங்கள்	1. கலம்பகம் - நந்திக்கலம்பகம் - 91 - 100 பாடல்கள் 2. பள்ளு – முக்கூடற்பள்ளு - 350 – 360 - செய்யுள்கள் 3. குறவஞ்சி – திருக்குற்றாலக்குறவஞ்சி - 1- 10 - செய்யுள்கள்		1	5 - 09

	4. பிள்ளைத்தமிழ் - மீனாட்சியம்மை பிள்ளைத்தமிழ் - 1 – 10 - செய்யுள்கள் 5. பட்டினத்தார் பாடல்கள் - 358 – 367 பாடல்கள்					
Instructional Hours			12			
Learning Activity : கலந்துரையாடல்						
III நாவல்	1. இமையம் (வெ.அண்ணாமலை) - செல்லாத பணம்	1	10			
Instructional Hours			12			
Learning Activity : நாவல் எழுதும் திறன் பெற்றமை						
IV இலக்கணம்	1. வல்லினம் மிகும் இடங்கள் 2. வல்லினம் மிகா இடங்கள் 3. யாப்பின் உறுப்புகள் (எழுத்து முதல் தொடை வரை) 4. பாவின் வகைகள்	1	11 - 14			
Instructional Hours			12			
Learning Activity : பிழையின்றி தமிழ் எழுதுதல்						
V தமிழ் இலக்கிய வரலாறு	1. சிற்றிலக்கியத்தின் தோற்றமும் வளர்ச்சியும் 2. புதினத்தின் தோற்றமும் வளர்ச்சியும் 3. பக்தி இலக்கியத்தின் தோற்றமும் வளர்ச்சியும் 4. விண்ணப்பங்கள், மடல்கள் எழுதச்செய்தல்	1	15 - 19			
Instructional Hours			12			
Learning Activity : குழு விவாதம்						
Total Hours			60			
Text Books	1. இளங்கலை முதலாம் ஆண்டு தமிழ் மாணவர்களுக்குரிய பாடநூல் “பைந்தமிழ்”தொகுப்பு: தமிழ்த்துறை, நேரு கலை மற்றும் அறிவியல் கல்லூரி, கோயம்புத்தூர்.					
Reference Books	1. திருமந்திரம் - மாணிக்கவாசகர் அருளிய திருவாசகம் - சித்தாந்த பண்டிதர்.ப.இராமநாத பிள்ளை விளக்க உரையுடன் கழக வெளியீடு, திருநெல்வேலி. 2. தமிழண்ணல்-புதிய நோக்கில் தமிழ் இலக்கிய வரலாறு, மீனாட்சி புத்தக நிலையம்,மதுரை.					
Web. URLs	https://youtu.be/cL89sSZq_FI					
Tools for Assessment (20 Marks)						
CIA I	CIA II	CIA III	Group Project	Assignment	Quiz	Total
4	4	5	2	2	3	20

Mapping													
PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	H	-	H	H	M	H	-	-	-	-	-
CO2	-	-	M	-	H	L	H	H	-	-	-	-	-
CO3	-	-	L	-	M	M	H	H	-	-	-	-	-
CO4	-	-	H	-	H	M	M	L	-	-	-	-	-
CO5	-	-	H	-	H	L	H	H	-	-	-	-	-
H-High; M-Medium; L-Low													
Course designed by								Verified by Chairman					

Course Code	Title		
26U1HIN202	AEC V : Sanchar Hindi (संचार हिन्दी)		
Semester : II	Credits : 3	CIA : 20 Marks	ESE : 55 Marks
(Common to all UG Programmes)			
Course Objective	पाठ्यक्रम संवादी हिंदी में पारंगत होने में मदद करता है।		
Course Category	Skill Development		
Development Needs	National		
Course Description	Improves Reading and Translation Skills.		
Course Outcomes		BTL	Assessment Methods
CO 1	कविता की मूल शब्दावली और व्यावहारिक तत्वों को समझें। मुक्त छंद और कविता के पारंपरिक रूपों में अंतर्निहित सामान्य तकनीकों को समझें।	K3	Assignment
CO 2	छात्र विभिन्न प्रकार की संवादात्मक स्थितियों में हिंदी में प्रदर्शित करने, चित्रित करने, नाटक करने और व्याख्या करने के लिए अर्जित कौशल को लागू करने में सक्षम होंगे	K3	
CO 3	छात्र औपचारिक और अनौपचारिक पत्र लिखने में सक्षम होंगे।	K3	Seminar
CO 4	अनुवाद सभी लोगों के बीच प्रभावी संचार को सक्षम बनाता है।	K4	Quiz
CO 5	छात्र हिंदी भाषा के वक्ता के साथ किसी भी सामान्य विषय पर विभिन्न स्तरों पर बातचीत करने में सक्षम होंगे।	K3	
Offered by	Hindi		SDG: 3,4,5
Course Content	Instructional Hours / Week : 4		
Unit	Description	Text Book	Chapters
I	आधुनिक हिंदी काव्य: पंचवटी - मैथिली शरण गुप्त	1	20
Instructional Hours			12
Learning Activity : Visual Learning			
II	एकांकी संग्रह: 1. तौलिया - उपेन्द्र नाथ अशक 2. रीढ़ की हड्डी - जगदीश चंद्र माथुर	1	3
Instructional Hours			12
Learning Activity : Auditory			

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Course Code		Title			
26U1MAL202		AEC V : Novalum Bhashaapadanavum (നോവലും ഭാഷാപഠനവും)			
Semester : II		Credits : 3	CIA : 20 Marks	ESE : 55 Marks	
(Common to All UG Programmes)					
Course Objective		വിദ്യാർത്ഥികളിൽ മലയാളഭാഷയുടെ വികാസവും മലയാളസാഹിത്യത്തിൽ നോവലുകൾക്കുള്ള സ്ഥാനവും വായനാശീലവും വർദ്ധിപ്പിക്കുന്നു			
Course Category		Skill Development			
Development Needs		Regional			
Course Description		By integrating literary appreciation with language practice, the course aims to enhance both interpretative abilities and effective communication skills.			
Course Outcomes				BTL	Assessment Methods
CO 1	സമൂഹത്തിലെ ഒരു വിഭാഗത്തിന്റെ ജീവിതം			K3	Assignment
CO 2	സോഷ്യലിസവും മനുഷ്യത്വപരമായ സമീപനവും			K3	
CO 3	വ്യക്തിവികാസവും സാമൂഹിക മുന്നേറ്റവും			K3	Seminar
CO 4	നല്ല ഭാഷ എങ്ങനെ സൃഷ്ടിക്കാമെന്ന് മനസ്സിലാക്കുന്നു			K4	Quiz
CO 5	ഭാഷാ സാഹിത്യവിശകലനം			K4	
Offered by : Malayalam				SDG : 3,4,5	
Course Content				Instructional Hours / Week : 4	
Unit	Description			Text Book	Chapters
I	നോവൽ നൂറു സിംഹാസനങ്ങൾ- ജയമോഹൻ			1	1,2 & 3
Instructional Hours				12	
Learning Activity: Visual Learning					
II	നോവൽ നൂറു സിംഹാസനങ്ങൾ- ജയമോഹൻ			1	4 & 5
Instructional Hours				12	
Learning Activity: Visual Learning					
III	തിരഞ്ഞെടുത്ത ലേഖനങ്ങൾ തെളിമലയാളം - എം. എൻ കാരശേരി			2	1,2,3 & 4
Instructional Hours				12	
Learning Activity: Auditory, Visual					
IV	തിരഞ്ഞെടുത്ത ലേഖനങ്ങൾ തെളിമലയാളം - എം. എൻ കാരശേരി			2	5,6,7 & 8
Instructional Hours				12	
Learning Activity: Auditory, Visual					
V	തിരഞ്ഞെടുത്ത ലേഖനങ്ങൾ തെളിമലയാളം - എം. എൻ കാരശേരി			3	9,10,11 & 12
Instructional Hours				12	
Learning Activity: Comprehensive writing					
Total Hours				60	

Course Code		Title			
26U1FRN202		AEC V : Français général - II			
Semester : II		Credits : 3	CIA : 20 Marks	ESE : 55 Marks	
Common to All UG Programmes					
Course Objective		To equip learners with fundamental French language skills in listening, speaking, reading, and writing, along with basic grammar, vocabulary, pronunciation, and cultural awareness, enabling them to communicate effectively in simple everyday situations			
Course Category		Skill Development			
Development Needs		Global			
Course Description		Improved accuracy & quality, improved communication			
Course Outcomes			BTL	Assessment Methods	
CO1	Recall vocabulary related to daily life and routines.		K3	Assignment	
CO2	Understand short texts and conversations on familiar topics.		K4		
CO3	Apply grammar concepts like articles and adjectives.		K3	Quiz	
CO4	Analyze short dialogues for key ideas.		K3		
CO5	Express simple ideas in spoken and written form.		K4	Seminar	
Offered by		Department of French		SDG: 4,8	
Course Content			Instructional Hours/Week:4		
Unit	Description			Text Book	Chapters
I	PORTRAITS(pg 50-60) Vocabulaire: L’aspect physique, Le caractère et les états, Les prépositions de lieu, La famille. Grammaire: La formation du féminin (3), La formation du pluriel (2), Il y a, Les articles contractés, Les verbes du 2em groupe, Les pronoms personnels toniques, Les verbes Faire et Lire. Traduction			1	1
Instructional Hours					12
Learning Activity: Worksheet					
II	COMMUNICATION (pg 61-65) Vocabulaire: Demander et dire l’heure. Traduction			1	2
Instructional Hours					12
Learning Activity: Wayground Quiz					
III	TEMPS LIBRE (pg 66-68) Compréhension des écrit. Traduction			1	3
Instructional Hours					12
Learning Activity: Audio & Visual					

IV	MOTS ET EXPRESSIONS ((pg 69-76) Vocabulaire : Les activités quotidiennes, Les loisirs, La fréquence. Grammaire : Les verbes pronominaux, Les pronoms personnels COD, Les adjectifs démonstratifs, Les adjectifs interrogatifs, Les prépositions avec noms de pays, Les verbes prendre et sortir										1	4	
	Instructional Hours											12	
	Learning Activity: Comprehensive Writing												
	V	COMMUNICATION (pg 77-81) Compréhension des écrits Traduction										1	5
Instructional Hours											12		
Learning Activity: Translating Exercises													
UNITÉ 3, UNITÉ 4 (Pg 50-81)											Total Hours	60	
Text Books		Nouvelle Génération A1											
Reference Books		Alter Ego											
Web. URLs		Duolingo App, SWAYAM, NPTEL											
Tools for Assessment (20 Marks)													
CIA I		CIA II		CIA III		Assignment		Seminar		Quiz		Total	
4		4		5		2		2		3		20	
Mapping													
CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	H	H	H	H	-	-	-	-	-	-	-
CO2	-	-	H	M	H	M	-	-	-	-	-	-	-
CO3	-	-	M	M	M	H	-	-	-	-	-	-	-
CO4	-	-	L	H	L	H	-	-	-	-	-	-	-
CO5	-	-	L	M	H	H	-	-	-	-	-	-	-
H-High; M-Medium; L-Low													
Course designed by								Verified by Chairman					

Course Code		Title		
26U2ENG202		AEC VI : Professional English – II		
Semester : II		Credits : 3	CIA : 20 Marks	ESE : 55 Marks
(Common to All UG Programmes)				
Course Objective		To develop students’ proficiency in English by enhancing their grammar, vocabulary, and LSRW skills through literary texts and communicative activities, enabling effective academic, professional, and interpersonal communication.		
Course Category		Skill Development		
Development Needs		Global / National/Regional		
Course Description		Develops LSRW Skills		
Course Outcomes			BTL	Assessment Methods
CO 1	Explain and interpret literary texts (prose and poetry) to demonstrate comprehension and language understanding.		K3	Album
CO 2	Apply appropriate grammar and vocabulary in constructing meaningful sentences in spoken and written communication.		K3	
CO 3	Demonstrate effective communication skills through presentations, narration, and interactive learning activities.		K3	Assignment
CO 4	Analyze themes, characters, and techniques in short stories and one-act plays critically.		K4	Quiz
CO 5	Develop structured writing skills for professional purposes including letters, emails, resumes, and reports.		K4	
Offered by: English			SDG: 4,8	
Course Content			Instructional Hours / Week: 4	
Unit	Description		Text Book	Chapters
I	Prose: Robert Lynd: The Unexpected Dale Carnegie: If you are wrong, Admit it. Grammar: Articles, Concord Vocabulary: Discourse Markers		1	
			Instructional Hours	12
Learning Activity: Think–Pair–Share				
II	Poetry: Robert Frost: Stopping by Woods on a Snowy Evening Alexander Pope: Ode on Solitude Grammar: Direct and Indirect Speech Vocabulary: Phrasal Verbs		1	
			Instructional Hours	12
Learning Activity: Visual Interpretation				
III	Short Story: Ruskin Bond: The Eyes are not here H.H. Munro (Saki): The Open Window Grammar: Degrees of Comparison Vocabulary: Digital and internet terminology		1	
			Instructional Hours	12
Learning Activity: Story Narration				

IV	One Act Play: William Shakespeare: The Trial Scene in The Merchant of Venice (Act 4, Scene 1) Winthrop Parkhurst: The Beggar and the King Grammar: Question tags, Conditional clauses Vocabulary: Reading Comprehension						1						
Instructional Hours								12					
Learning Activity: Role Play													
V	Writing Skills Resume Writing Dialogue Writing Testimonial Writing Creative Writing						1						
Instructional Hours								12					
Learning Activity: Group Discussion													
Total Hours								60					
Text Books	Professional English – II - Compiled by the Department of English, NASC												
Reference Books	1. Straus, Jane, et al. <i>The Blue Book of Grammar and Punctuation</i> . 12th ed., Jossey-Bass, 2021. 2. Gupta, Nikhil. <i>The Black Book of English Vocabulary</i> . Gupta Publications, 2023. 3. Dreyer, Benjamin. <i>Dreyer's English: An Utterly Correct Guide to Clarity and Style</i> . Random House, 2019.												
Web. URLs	1. British Council Learn English: https://learnenglish.britishcouncil.org 2. Cambridge English: https://www.cambridgeenglish.org												
Tools for Assessment (20 Marks)													
CIA I	CIA II		CIA III		Album	Assignment	Quiz	Total					
4	4		5		2	2	3	20					
Mapping													
CO / PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	L	H	L	M	M	H	M	H	H	M	H	M
CO2	M	L	H	L	M	M	H	M	H	H	M	H	M
CO3	M	L	H	L	M	M	H	M	H	H	M	H	M
CO4	M	L	H	L	M	M	H	M	H	H	M	H	M
CO5	M	L	H	L	M	M	H	M	H	H	M	H	M
H-High; M-Medium; L-Low													
Course designed by								Verified by Chairman					

Course Code		Title		
26U3CCC204 / 25U3CCC204		DSC IV: Digital Marketing		
Semester: II		Credits: 4	CIA: 25 Marks	ESE: 75 Marks
Course Objective		To endow students with the knowledge of Marketing and its recent trends.		
Course Category		Employability		
Development Needs		Regional		
Course Description		This course covers the fundamentals of digital marketing, including SEO, PPC, and social media marketing.		
Course Outcomes			BTL	Assessment Methods
CO 1	Understand the concept of market and marketing environment.		K2	Assignment
CO 2	Develop competencies to launch new product and brand		K3	
CO 3	Analyse the pricing strategies adopted by the producer.		K4	Seminar
CO 4	Design the market channel and manage the channel conflicts		K4	
CO 5	Awareness on the digital marketing platforms		K3	Quiz
Offered by: Commerce			SDG : 8,9	
Course Content			Instructional Hours / Week: 5	
Unit	Description		Text Book	Chapters
I	Introduction to Marketing - Market, Marketing, Marketer - Selling concept, marketing concept, Social marketing concept-Need and Significance of Marketing in Business.		1	1
	Marketing environment –Identifying market segments-Basis for market segmentation.		1	2
Instructional Hours			15	
Learning Activity: Mind Mapping				
II	Product and Product lines - Product hierarchy, Product classification, Product mix decisions –Product line decisions.		1	3
	Branding and Brand decisions, packing and labelling decision-Product life cycle-Strategies.		1	4
Instructional Hours			15	
Learning Activity: Case Study				
III	Pricing: Setting the price, pricing process, pricing methods. Adapting price: Geographical pricing, price discounts and allowances, promotional pricing, discriminatory pricing, product mix pricing.		1	5
Instructional Hours			15	
Learning Activity: Case Study				

Course Code		Title		
26U3CCC205 / 25U3CCC205		DSC V: Financial Accounting		
Semester: II		Credits: 4	CIA: 25 Marks	ESE: 75 Marks
Course Objective		To gain the knowledge on various systems of accounting and accounting procedures of Branch accounts, Departmental accounts, Royalty accounts and Hire Purchase and Installment System.		
Course Category		Employability		
Development Needs		Regional		
Course Description		This course is an introduction to the fundamental concepts of financial accounting as prescribed by generally accepted accounting principles (GAAP) as applied to transactions and events that affect business organizations.		
Course Outcomes			BTL	Assessment Methods
CO 1	Find various systems of accounting		K1	Assignment
CO 2	Prepare hire purchase and installment system		K2	
CO 3	Interpret and explain the performance of branches		K3	Work Sheet
CO 4	Demonstrate the procedure in royalty accounts		K3	
CO 5	Grasp the accounting treatments relating to issue, acceptance, discounting, maturity and endorsement of bills and notes in the books of drawer and drawee.		K3	Quiz
Offered by: Commerce			SDG : 4,8	
Course Content			Instructional Hours / Week: 5	
Unit	Description		Text Book	Chapters
I	Single Entry System – Meaning – Definition – Ascertainment of Profit–Difference Between Single Entry system and Double entry system		2	13
	Net worth Method–Conversion Method		2	13
Instructional Hours			15	
Learning Activity: Group Discussion				
II	. Hire Purchase and Installment Purchase system –Calculation of Interest- –Default and Repossession - Hire Purchase trading Accounts		2	18
Instructional Hours			15	
Learning Activity: Mind Mapping				
III	Branch Accounts -Meaning, Features and Types of Branch Accounting –Debtors System –Final Accounts-Whole sale Branch System-Stock & Debtors System		2	16
Instructional Hours			15	
Learning Activity: Flipped Class				

Course Code		Title		
26U3CCP206 / 25U3CCP206		DSC VI: Computerised Accounting - Practical		
Semester: II		Credits: 4	CIA: 30 Marks	ESE: 45 Marks
Course Objective		To develop practical skills in Tally Prime for computerized accounting		
Course Category		Skill Development		
Development Needs		Global		
Course Description		This course provides industry-oriented, globally relevant practical training in Tally Prime		
Course Outcomes			BTL	Assessment Methods
CO1	Create, alter and manage companies, ledgers, vouchers and security controls in Tally Prime.		K3	Practical Exercises
CO2	Record business transactions using appropriate vouchers and prepare Trial Balance accurately.		K3	
CO3	Prepare Trading Account, Profit and Loss Account and Balance Sheet with necessary adjustments using Tally Prime.		K4	Lab Assessment
CO4	Manage inventory, godowns, stock items, expired goods, bill-wise details and cashless transactions effectively.		K4	
CO5	Prepare Payroll Statements and Bank Reconciliation Statements (BRS) and analyses accounting information generated through Tally Prime.		K4	Report
Offered by		Commerce	SDG: 4, 8	
Course Content			Instructional Hours / Week: 5	
LIST OF PROGRAMS				
Concept 01: Company, Ledger and Voucher Management in Tally Prime Basic Level (K1/K2): Create a company with appropriate financial year, accounting period, business details, and security controls. Intermediate Level (K3/K4): Create and alter necessary Ledger Accounts under suitable groups and record business transactions using appropriate voucher types. Advanced Level (K5/K6): Design and implement a complete Voucher Management System.				
Concept 02: Preparation of Profit and Loss Account and Balance Sheet Using Trial Balance Basic Level (K1/K2): Record appropriate ledger accounts and business transactions in Tally Prime. Intermediate Level (K3/K4): Generate and verify the Trial Balance from the recorded ledger balances.				
Concept 03: Inventory Management Basic Level (K1/K2): Create and identify stock groups, stock categories, units of measurement, stock items, and multiple godowns/locations. Intermediate Level (K3/K4): Record and manage stock receipts and stock issues using appropriate inventory vouchers. Advanced Level (K5/K6): Manage and analyse stock transfers between multiple godowns/locations and generate relevant inventory reports in Tally Prime.				
Concept 04: Expired Goods Management Basic Level (K1/K2): Identify FMCG products and medicines and maintain their expiry dates in Tally Prime. Intermediate Level (K3/K4): Record and monitor stock items based on their expiry dates and validity periods. Advanced Level (K5/K6): Generate and analyse the Expired Goods Statement to identify expired stock and support effective inventory management.				

Concept 05: Bill-wise Statement Management Basic Level (K1/K2): Enable and identify the Bill-wise Details feature in Tally Prime. Intermediate Level (K3/K4): Record credit sales and credit purchases with bill references and maintain outstanding amounts for debtors and creditors. Advanced Level (K5/K6): Generate and analyse Bill-wise Outstanding Statements to monitor pending bills, due dates, and outstanding balances in Tally Prime.													
Concept 06: Bank Reconciliation Statement (BRS) Basic Level (K1/K2): Identify and record different bank transactions, including cheques issued, cheques deposited, bank charges, and direct deposits. Intermediate Level (K3/K4): Record and verify a minimum of 10 bank transactions using appropriate vouchers and compare the Cash/Bank Book with the Bank Statement. Advanced Level (K5/K6): Prepare and analyse the Bank Reconciliation Statement (BRS)													
Concept 07: Payroll Accounting Basic Level (K1/K2): Create employee groups, employee masters, pay heads, and salary components in Tally Prime. Intermediate Level (K3/K4): Configure and calculate salary components including Basic Pay (BP), DA, HRA, PF, and other applicable components. Advanced Level (K5/K6): Prepare and generate payroll statements and salary reports for employees using Tally Prime.													
Concept 08: GST Accounting in Tally Prime Basic Level (K1/K2): Create a company with GST details and configure GST rates, GST ledgers, and required statutory information in Tally Prime. Intermediate Level (K3/K4): Record GST-based purchase and sales transactions involving CGST, SGST, and IGST using appropriate vouchers. Advanced Level (K5/K6): Generate and analyse GST reports to calculate tax liability, Input Tax Credit (ITC), and prepare GST-related statements in Tally Prime.													
Total Hours												75 Hrs	
Tools for Assessment (30 Marks)													
Laboratory Performance - Debugging activity		Laboratory Performance - Program design and Output Accuracy			Laboratory Performance- Viva voce			Test 1	Test 2	Observation Note Book			Total
4		4			4			7	7	4			30
Mapping													
CO / PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	M	L	M	M	L	M	M	M	M	L	M
CO2	M	H	M	L	M	M	L	M	M	M	M	M	H
CO3	H	M	M	L	H	M	L	M	M	H	M	M	H
CO4	H	H	M	M	H	M	M	H	M	H	H	M	H
CO5	H	M	M	L	M	M	L	M	M	M	M	M	H
H-High; M-Medium; L-Low													
Course designed by								Verified by Chairman					

Course Code		Title		
26U3MAA203		GEC II: Business Statistics		
Semester: II		Credits:3	CIA: 20 Marks	ESE: 55 Marks
(Common to all B.Com Programmes)				
Course Objective		To learn the Statistical methods and apply them in Management situations.		
Course Category		Skill Development		
Development Needs		National		
Course Description		This course covers descriptive Statistics, Correlation, Regression Analysis, and Index numbers.		
Course Outcomes		BTL	Assessment Methods	
CO 1	Explore different types of data collection methods and different Measures of Central Tendency.	K3	Assignment	
CO 2	Classify various Measures of Dispersion.	K3	Seminar	
CO 3	Interpret the relation between variables using correlation coefficient	K4	Seminar	
CO 4	Analyze different methods of constructing index numbers	K4	Assignment	
CO 5	Identify and interpret trend and seasonal variations for the given time series.	K4	Quiz	
Offered by		Mathematics		SDG : 4, 8
Course Content			Instructional Hours / Week : 5	
Unit	Description	Text Book	Chapters	
I	Statistics: Definition of Statistics-Collection of data - Primary and Secondary data – Classification and Tabulation of data - Diagrammatic and Graphical representation.	1	1,3,5,6	
	Measures of Central Tendency: Mean, Median, Mode	1	7	
Instructional Hours			15	
Learning Activity: Assignment on Mean, Median and Mode			02 Hr	
II	Measures of Dispersion: Range, Quartile Deviation, Mean Deviation, Standard Deviation and Co-efficient of Variation	1	8	
Instructional Hours			15	
Learning Activity: Seminar on Measures of Dispersion			02 Hr	
III	Correlation: Meaning and Definition – Scatter Diagram, Karl Pearson's co-efficient of Correlation- Spearman's Rank	1	12	
	Regression Analysis: Meaning - linear regression – Regression and its Properties.	1	13	
Instructional Hours			15	
Learning Activity: Group Discussion on correlation and regression			02 Hr	
IV	Index Numbers: Index Number – Un weighted and Weighted indices – Tests of index numbers – Consumers price and cost of living indices.	1	10	
Instructional Hours			15	
Learning Activity : Solving problems on Cost of living indices			02 Hr	

V	Time Series: Definition- Uses- Components – Secular trend – Method of least square – Seasonal fluctuation – Method of Simple Average, Method of moving Average.					1	14						
Instructional Hours						15							
Learning Activity : Problem solving on Secular Trend						02 Hr							
Total Hours						75 Hrs							
Text Books		1. P. A. Navanitham, Business Mathematics & Statistics, Jai Publishers, June 2008.(PART – II)											
Reference Books		1. S. C. Gupta and V. K. Kapoor, Fundamentals of Mathematical Statistics, S.Chand and Sons, Reprint, 2009. 2. S. P. Gupta and V. K. Kapoor, Fundamentals of Applied Statistics, Sultan Chand & Sons, Reprint 2016.											
Web. URLs		1. https://www.youtube.com/watch?v=1MiT06JFNo4 (Measures of Central Tendency) 2. https://youtu.be/_WM8vzYSQhs (Correlation & Regression)											
Tools for Assessment (20 Marks)													
CIA I	CIA II	CIA III	Assignment	Seminar	Quiz	Total							
4	4	5	2	3	2	20							
Mapping													
CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	L	H	M	H	H	L	M	H	M	M	H
CO2	H	M	L	M	M	M	M	L	L	M	H	M	M
CO3	H	M	L	H	H	H	H	L	M	M	L	H	M
CO4	H	M	L	H	M	M	H	L	H	H	H	M	H
CO5	H	M	L	H	H	H	H	L	M	M	H	H	M
H-High; M-Medium; L-Low													
Course designed by							Verified by						
Mr. T. Ramesh Kumar							Dr. T. Chandrapusam						

Course Code		Title			
26U3MAA204		GEC II: Essential Statistics for Commerce			
Semester: II		Credits : 3	CIA : 20 Marks	ESE : 55 Marks	
(Common to all B.Com Programmes)					
Course Objective		To develop students' ability to understand and analyze data collecting techniques and testing hypothesis for decision-making problems.			
Course Category		Skill Development			
Development Needs		National			
Course Description		This course offers complete skill to understand analyze, interpret, and draw meaningful conclusions from data for effective decision-making using t-test, chi-square tests, and analysis of variance.			
Course Outcomes			BTL	Assessment Methods	
CO 1	Prediction of future trends using Probability theory		K3	Seminar	
CO 2	Know the concepts of data collection methods and Visualization of data		K3	Assignment	
CO 3	Evaluate the measures of central tendency and dispersion		K4	Assignment	
CO 4	Perform basic statistical estimation and hypothesis testing for interpret the results.		K4	Seminar	
CO 5	Compare more than two experimental samples using analysis of variance		K4	Quiz	
Offered by		Mathematics			
		SDG : 4,8			
Course Content			Instructional Hours / Week : 5		
Unit	Description			Text Book	Chapters
I	Probability: Introduction- Definition-Classical Probability- Importance- Calculation of Probability- Addition theorem- Multiplication theorem- Baye's theorem- Mathematical expectation- Random variable and Probability distribution problems (Theorems – statement only).			1	1 (Part II)
Instructional Hours					15
Learning Activity :					02 Hrs
II	Collection of data: Methods of Collection of data - Primary and Secondary data – Classification and Tabulation of data. Data Visualization: Diagrams and Graphs - Difference between diagrams and graphs-Types of Diagrams - Merits and Limitations- Graphical representation- Histogram- Frequency polygon- Frequency curves and Ogives			1	3,6 (Part I)
Instructional Hours					15
Learning Activity: Assignment on Bar Graph & Pi Chart					02 Hrs
III	Measures of Central Tendency: Mean-Median – Mode. Measures of Dispersion: Range - Quartile Deviation- Standard Deviation and Co-efficient of Variation.			1	7,8 (Part I)
Instructional Hours					15
Learning Activity : Group Discussion on Mean, Median and Mode					02 Hrs

IV	Sampling Techniques: Introduction – Methods of Sampling- Sampling Distribution- Standard Errors.							1	3 (Part II)					
	Hypothesis Tests: Tests of Significance based on Large samples and Small samples ‘t’ and ‘F’test.													
Instructional Hours										15				
Learning Activity: Problem solving Activity										02 Hrs				
V	Test of Significance: Chi Square Test – Goodness of Fit							1	4 (Part II)					
	Analysis of Variance: One way and Two-way Classification- Simple problems only.								5 (Part II)					
Instructional Hours										15				
Learning Activity: Problem solving on Test of Significance										02 Hrs				
Total Hours										75 Hrs				
Text Books			1. S.P. Gupta, Statistical Methods , Sultan Chand & Sons, 2021.											
Reference Books			1. Statistics – Theory and Practice by R.S.N. Pillai & Bagavathi, S.Chand Publications, 2018. 2. Text Book(s): P. A. Navanitham, Business Mathematics & Statistics (Part -I), Jai Publishers, June 2012.											
Web. URLs			1. https://www.youtube.com/watch?v=zC6e47l0tV4 (Measures of Central tendency) 2. https://www.youtube.com/watch?v=COI0BUmNHT8&list=PLyqSpQzTE6M_JcleDbrVyPnE0PixKs2JE (Probability) 3. https://www.youtube.com/watch?v=DlwOTOydeyk (Testing of Hypothesis)											
Tools for Assessment (20 Marks)														
CIA I		CIA II		CIA III		Assignment		Seminar		Quiz		Total		
4		4		5		2		3		2		20		
Mapping														
CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO ₈	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	H	M	L	H	M	H	H	L	H	M	H	M	H	
CO2	H	M	L	M	M	M	M	L	H	H	L	H	H	
CO3	H	M	L	H	H	H	H	L	H	L	M	H	L	
CO4	H	M	L	H	M	M	H	L	M	M	H	L	M	
CO5	H	M	L	H	H	H	H	L	M	H	H	M	M	
H-High; M-Medium; L-Low														
Course designed by								Verified by						
Mr. T. Ramesh Kumar								Dr. T. Chandrapusam						

Course Code	Title	
26U4HRC202	VAC II: Human Rights and Constitution of India	
Semester : II	Credits : 1	CIA : 25 Marks

(Common to all UG Programmes)

Course Objective: Understand the concept of human rights and the importance of Indian Constitution.

Course Outcomes:

CO1	Understand the principal aspects of human rights and duties in a broad sweep.
CO2	Acquire the knowledge about the Fundamental Duties and Rights of Indian Citizen
CO3	To know the rights of women and Children in India
CO4	Understand the structure and importance of Indian Constitution
CO5	Know the functions of Government and Election Commission of India

Course Content

Instructional Hours / Week : 1

Unit	Description
I	An Introduction to Human Rights :Values – Dignity, Liberty, Equality, Justice, Unity in Diversity – Human Rights – Meaning and features; Significance of the study – Classification of Human Rights – Rights and Duties – Correlation
	Instructional Hours 3
II	Human Rights and Fundamental Rights – Fundamental Rights and Fundamental Duties – Directive Principles – Role of Judiciary in the protection of Human Rights – National Human Rights Commission <i>Activity : Case Study related to Human Rights</i>
	Instructional Hours 3
III	Human Rights of Women and Children – Social Practice and Constitutional Safeguards – Female foeticide and infanticide – Physical assault and Harassment – Domestic violence – Conditions of Working Women <i>Activity : Conduct a Group Discussion on the above topics</i>
	Instructional Hours 3
IV	Constitution – Structure and Principles - Meaning and importance of Constitution – Making of Indian Constitution – Sources – Salient features of Indian Constitution – Government of Union – Government of State – Features of judicial system in India
	Instructional Hours 3

V	Federalism in India – Features – Local Government – Panchayat – Powers and functions Election Commission – Organisation and functions-Citizen oriented measures – RTI – Provisions and significance <i>Activity : Seminar/ Role play related to Indian Constitution</i>	
	Instructional Hours	3
	Total Hours	15

Text Book:

1. **“Human Rights and Constitution of India”**, Compiled by Curriculum Development Cell, Nehru Arts and Science College.

Tools for Assessment (25 Marks)

Comprehensive test for $5 \times 10 = 50$ Marks (It will be converted to 25 Marks)	Total
25	25

Mapping

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	-	L	H	H	H	H	L	L			
CO2	-	-	-	L	H	H	H	H	L	L			
CO3	-	-	-	L	H	H	H	H	L	L			
CO4	-	-	-	L	H	H	H	H	L	L			
CO5	-	-	-	L	H	H	H	H	L	L			

H-High; M-Medium; L-Low

Course Designed by	Verified by

Course Code	Title	
26U4HVVY201	VAC I: Human Values and Yoga Practice	
Semesters : I & II	Credits : 2	CIA : 50 Marks

(Common to all UG Programmes)

Course Objective:

To instill ethical values, self-awareness, professional integrity, mental well-being, and physical fitness through human values, meditation, and yoga practices.

Course Outcomes:

CO1	To Gain knowledge of ethics, character, empathy, compassion, gratitude, and forgiveness for a harmonious society.
CO2	To Cultivate self-control, integrity, altruism, tolerance, and scientific vision while refining emotions and enhancing IQ, EQ, and SQ.
CO3	To Demonstrate ethical behavior, accountability, sincerity, and inclusiveness in personal, professional, and digital spaces.
CO4	To Improve concentration, mindfulness, and cognitive abilities through meditation, Surya Namaskar, and Kayakalpa practices.
CO5	To Perform various asanas and breathing techniques to enhance physical strength, flexibility, and inner peace.

Course Content**Instructional Hours / Week : 1 (For Semesters I and II)**

Unit	Description
I	Human Values – Introduction – Definition of Ethics and Values – Character and Conduct – Individual and Society – Empathy – Compassion towards other beings – Practicing gratitude and its impact on relationships – Practicing Forgiveness.
	Instructional Hours 4
II	Self-realization and Human Values – Self-realization and Harmony – Integrity and Conscience. Self-Control, Altruism, Tolerance, Scientific Vision. Refinement of worries: Neutralization of anger-Intelligent quotient (IQ), Emotional quotient (EQ), Spiritual Quotient (SQ)
	Instructional Hours 5
III	Professional Ethics: Importance of Professional Ethics – Truthfulness, Trusteeship, Sacrifice, Sincerity, Accountability, Inclusiveness, Commitment, Respectfulness, Belongingness, Sustainability, Global Citizenship – Digital Ethics and Digital Detox.
	Instructional Hours 5
IV	Power of Meditation: Development of mind in stages – Mental Frequencies Methods for Concentration. Meditation Practices – Surya Namaskar. Physical Exercises – Kayakalpa Practices Training for Potentialising the Mind.
	Instructional Hours 6

V	ASANAS	
	Standing Posture: Tadasana, Utkattasana, arthaKadi Chakrasana, Trikonasana, Artha Chandrarasana, Padahastasana, Virabhadrasana, Vrikshasana, Artha, Natarajasana.	
	Sitting posture: Padmasana, Gomukasana, Ustrasana, ArdhaMatsyendrasana, Patchimottanasana.	
	Prone posture: Bhujangasana, shalabhasana, Dhanurasana, Chakrasana.	
	Supine posture: Sarvangasana, Halasana, Matsyasana, Shanti asana	
	Pranayama: Bhastrika, Bhramari, NadiShodhan	
	Instructional Hours	10
	Total Hours	30

Text book:

1. “Value Education”, compiled by Curriculum Development cell, Nehru Arts and Science College.

Tools for Assessment

25 Marks	25 Marks
Comprehensive test in Units I to III for 25 marks during CIA III of Sem. II	Perform 02 Yoga postures for Practical exam to be conducted during the mid. of Sem. II

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	-	H	L	M	H	H					
CO2	-	-	-	L	M	H	M	H					
CO3	-	-	-	L	M	H	L	H					
CO4	-	-	-	L	L	H	M	H					
CO5	-	-	-	L	L	H	M	H					

H-High; M-Medium; L-Low

Course Designed by		Verified by HOD	
Course Code	Title		

26U4SEC201		AEC VII: Career Foundation Skills	
Semester : II		Credit : 1	CIA : 25 Marks
Course Objective		The objective of this course is to foster the students' comfort in English Communication. To familiarise students in solving basic quantitative aptitude problems.	
Course Category		Skill Development, Employability, Entrepreneurship	
Development Needs		Global	
Course Description		This course is a part of series of 3 courses aimed at enhancing the industry readiness of the students. This series aims at honing their multiple intelligence like Numerical, Linguistic, and Logical, spatial and interpersonal intelligence.	
Course Outcomes			
CO 1	Students will be able to participate in any learning activity without any reservations. They shall be ready to move beyond their comfort zone to acquire new skills throughout their life.		
CO 2	Students shall understand and appreciate the importance of English in the current global scenario and make efforts towards up skilling the same.		
CO 3	Students shall make a conscious effort toward speaking in English, they shall prepare and try the same team and paired activities in the given context. – Level 1		
CO 4	They shall demonstrate a good understanding of basic mathematical concepts required to learn engineering. To use appropriate strategies and shortcuts to improve speed and accuracy in solving aptitude problems during recruitment processes		
CO 5	Demonstrate good logical thinking and thought process in approaching various Business scenarios.		
Offered by		NCPIR	
Course Content			
Unit	Description		
I	Introduction & Orientation Introduction about the training – NCPIR - Course Introduction - Overcoming the shyness - Training expectations - Communication Pre-assessments APR101		
Instructional Hours			6
II	Speaking Skills Communication Skills - Importance of English - Challenges faced in English communication - Pronunciation – Fluency - Vocabulary - Grammar - Developing a globally comprehensible accent- How to develop a neutral accent - Overcoming MTI. Speech Craft Activities - Chart Presentation – My Buddy, APO101, APO102		
Instructional Hours			12
III	Verbal Ability Tenses - usage of tenses - common errors in English - Avoiding common mistakes in spoken communication- Synonyms & Antonyms - Assessments - AUA101, AUA102		
Instructional Hours			6

IV	Numerical Aptitude Introduction - Divisibility Test - Problems on Numbers, Average, Percentage, Profit & Loss – Unit Assessment AUA103, AUA104, AUA105, AUA106		
	Instructional Hours		8
V	Logical Reasoning Number Series, Letter Series, Coding & Decoding - Assessment AUA107, AUA108		
	Instructional Hours		4
Total Hours		36	
Session	Topics		Unit
1	Introduction & Orientation –Shy Barrier		1
2	Communication Pre Assessment APR101		1
3	Communication Pre Assessment APR101		1
4	Communication Pre Assessment APR101		1
5	Speaking Skills - Communication skills		2
6	Speech Craft - My Buddy – APO101		2
7	Speech Craft - My Buddy – APO101		2
8	Speech Craft - My Buddy – APO101		2
9	Speech Craft -Chart Presentation-APO102		2
10	Speech Craft -Chart Presentation-APO102		2
11	Speech Craft -Chart Presentation-APO102		2
12	Speech Craft -Chart Presentation-APO102		2
13	Tenses - Introduction		3
14	Usage of Tenses - Common Error in English		3
15	Common Errors in Spoken communication		3
16	Synonyms & Antonyms		3
17	Numerical Aptitude - Introduction		4
18	Numerical Aptitude - Problems on Divisibility Test		4
19	Numerical Aptitude – Problems on Numbers		4
20	Numerical Aptitude - Average		4
21	Numerical Aptitude - Percentage		4
22	Logical Reasoning – Number & Letter Series		5
23	Logical Reasoning – Coding & Decoding		5
24	APO103, APO104 – Post Evaluation Assessment		3,4,5
Tools for Assessment (25 Marks)			
Communication Assessments - Novice	Proctored Online Assessments in Quantitative & Verbal Aptitude – Level I	Attendance	Total
10	10	5	25

Mapping													
PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	L	M	L	H	L	L	L	L	L	M	L	H	L
CO2	L	M	L	M	M	M	L	L	M	M	M	H	M
CO3	M	M	H	L	M	L	L	L	M	M	M	M	L
CO4	L	L	L	L	L	L	L	L	L	L	L	M	L
CO5	M	L	M	M	L	L	L	L	L	L	L	M	L
H-High; M-Medium; L-Low													
Course designed by								Verified by Chairman					

Course Code		Title	
26U4IKS203		VAC III : Indian Knowledge System	
Semester : II		Credit : 1	CIA : 25 Marks
Course Objective		To enable students to understand and apply the holistic principles of the Indian Knowledge System in contemporary education, research, and ethical living.	
Course Category		Employability	
Development Needs		National	
Course Description		This course explores the rich heritage of the Indian Knowledge System, highlighting its linguistic, educational, scientific, philosophical, and environmental contributions from ancient to modern times.	
Course Outcomes			Teaching Methods
CO 1	Understand the concept and scope of the Indian Knowledge System.		Flipped Classroom
CO 2	Recognize India’s linguistic and educational traditions.		Activity based Learning
CO 3	Identify key scientific and technological contributions of ancient India.		Student Centric
CO 4	Interpret philosophical and psychological insights from classical texts.		Blended Mode
CO 5	Apply IKS principles to modern ethical and environmental contexts.		Case Based Learning
Offered by			
Course Content			Instructional Hours / Week : 2
Unit	Description		Reference Book
I	Indian Knowledge System – Definition - Concept and Scope - Indian Knowledge System in ancient and Modern India.		1 & 2
Instructional Hours			6
Suggested Learning Methods: Case Studies and Text Analysis			
II	Language , Education and Art- Component of a Language- Role of Sanskrit in Natural Language Processing- Panini and Sanskrit grammar, Development of other languages. Gurukula education system: aims, curriculum, teacher-student relationship, and values – Knowledge transmission through oral and written traditions. Introduction to Bharata’s Natyasastra- Science of Drama, Dance and Music.		1,5 & 6
Instructional Hours			6
Suggested Learning Methods : Field Visits and Experiential Learning			
III	Scientific Approaches of IKS-Part 1: Astronomy- Overview of Astrnomy in ancient India- Indian contributions in Astronomy, Ayurveda- Benefits of Ayurveda in Daily Life- Torch Bearers of Ayurveda and their work, Agriculture-Importance of Agriculture in ancient India- Commerce, Trade, Income and Taxation on Agriculture- and Vasthukala- The science of Architecture in Ancient India- Temples in India- Marvellous stone architecture for eternity. Scientific Approaches of IKS-Part II: Metallurgy in ancient India- Zinc- Copper and its alloys- Iron & Steel- Apparatuses, Mathematics- Introduction to Indian Mathematics- Indian Mathematicians & their contributions, Martial Arts- Niyuddha’s History-Forms		7,8,9&11
Instructional Hours			6
Suggested Learning Methods :Case Studies and Text Analysis			

IV	Arthasastra Governance & Administration: Indian Approaches to Psychology - The Bhagavad Gītā: A Model for Crisis Counseling and Cognitive Resilience. Cyber Governance and Digital Safety based on Indian ethical principles of Dharma and Security.	1,3 & 4
Instructional Hours		6
Suggested Learning Methods :Lecture and Interactive Discussion		
V	Introduction to Environmental Science in Ancient India: Indian Philosophy and its Vision of Environment - Vedic Approach to Environment - Deification of Nature - Concept of The Earth - 'Prithvi, Water -'Apah', Air - 'Vayu – Ether - 'Akasha'- Mind- 'Manas, Sacrifice - 'Yajna' - Coordination Between All-Natural Powers.	1,9 & 10
Instructional Hours		6
Suggested Learning Methods :Group Projects and Presentations		
Total Hours		30
Reference Books	1. B. Mahadevan, Vinayak Rajat Bhat, Nagendra Pavana R N, <i>Introduction to Indian Knowledge Sysytem: Concepts and Applications</i>, PHI Learning Private Limited, Delhi,2022. 2. <i>Introduction to Indian Knowledge Systems: Concepts and Applications</i> – AICTE (2022) 3. Keshav Dev Verma – <i>Vedic Physics</i>, Motilal Banarsidass (2012) 4. Bhag Chand Chauhan – <i>Textbook on The Knowledge System of Bhārata</i> Sibaji Rahaet al. <i>History of Science in India</i>, National Academy of Sciences, India(2014) 5. Sharma, Ram Nath (1996) <i>History of Education in India. Excerpt and text search, a standard Scholarly history.</i> 6. Adya Rangacharya, <i>Introduction to Bharatha's Natya Sasthra</i>, Popular prakashan Bombay, 1966. 7. Sharma KV (2008) Helaine Selin (ed.). "Astronomy in India". <i>Encyclopedia of the History of Science, Technolory and Medicine in Non-western cultures.</i> 8. Tripathi, Vibha,. <i>History of Iron Technology in India from the Begging to pre-modern times.</i> Rupaa Co., New Delhi., 2008 9. Suresh Soni – <i>India's Glorious Scientific Tradition</i>, Ocean Books Pvt. Ltd. (2010) Amit Jha ,<i>Traditional Knowledge System in India</i>, Atlantic Publishers,2002.2009 10. Kumar, Mamidala Jagadesh (2023-07-29). "Embrace Indian Knowledge System, enrich higher education". The Sunday Guardian Live. Retrieved 2023-10-25. 11. Pradeep Kohle et al. – <i>Pride of India: A Glimpse of India's Scientific Heritage</i> (2006)	
Web. URLs	1. https://iksindia.org/IKS-Textbook-%26-Course-materials.php?utm_source=chatgpt.com 2. https://notes.collegehive.in/books/indian-knowledge-system/page/introduction-to-iks?utm_source=chatgpt.com 3. https://onlinecourses.swayam2.ac.in/ntr25_ed83/unit?unit=34&lesson=44 4. https://onlinecourses.swayam2.ac.in/aic22_ge18/course?user_email=nascsmithacr@neh ru colleges.com	

Course Code		Title			
26U3MAA203		GEC II: Business Statistics			
Semester: II		Credits:3	CIA: 20 Marks	ESE: 55 Marks	
(Common to all B.Com Programmes)					
Course Objective		To learn the Statistical methods and apply them in Management situations.			
Course Category		Skill Development			
Development Needs		National			
Course Description		This course covers descriptive Statistics, Correlation, Regression Analysis, and Index numbers.			
Course Outcomes			BTL	Assessment Methods	
CO 1	Explore different types of data collection methods and different Measures of Central Tendency.		K3	Assignment	
CO 2	Classify various Measures of Dispersion.		K3	Seminar	
CO 3	Interpret the relation between variables using correlation coefficient		K4	Seminar	
CO 4	Analyze different methods of constructing index numbers		K4	Assignment	
CO 5	Identify and interpret trend and seasonal variations for the given time series.		K4	Quiz	
Offered by		MathematicsSDG : 4, 8			
Course Content			Instructional Hours / Week : 5		
Unit	Description			Text Book	Chapters
I	Statistics: Definition of Statistics-Collection of data - Primary and Secondary data – Classification and Tabulation of data - Diagrammatic and Graphical representation.			1	1,3,5,6
	Measures of Central Tendency: Mean, Median, Mode			1	7
Instructional Hours					15
Learning Activity: Assignment on Mean, Median and Mode					02 Hr
II	Measures of Dispersion: Range, Quartile Deviation, Mean Deviation, Standard Deviation and Co-efficient of Variation			1	8
Instructional Hours					15
Learning Activity: Seminar on Measures of Dispersion					02 Hr
III	Correlation: Meaning and Definition – Scatter Diagram, Karl Pearson’s co-efficient of Correlation- Spearman’s Rank Correlation.			1	12
	Regression Analysis: Meaning - linear regression – Regression and its Properties.			1	13
Instructional Hours					15
Learning Activity: Group Discussion on correlation and regression					02 Hr

H-High; M-Medium; L-Low

Course designed by			Verified by Chairman	
Course Code			Title	
26U3MAA204			GEC II: Essential Statistics for Commerce	
Semester: II	Credits : 3	CIA : 20 Marks	ESE : 55 Marks	
(Common to all B.Com Programmes)				
Course Objective	To develop students’ ability to understand and analyze data collecting techniques and testing hypothesis for decision-making problems.			
Course Category	Skill Development			
Development Needs	National			
Course Description	This course offers complete skill to understand analyze, interpret, and draw meaningful conclusions from data for effective decision-making using t-test, chi-square tests, and analysis of variance.			
Course Outcomes		BTL	Assessment Methods	
CO 1	Prediction of future trends using Probability theory	K3	Seminar	
CO 2	Know the concepts of data collection methods and Visualization of data	K3	Assignment	
CO 3	Evaluate the measures of central tendency and dispersion	K4	Assignment	
CO 4	Perform basic statistical estimation and hypothesis testing for interpret the results.	K4	Seminar	
CO 5	Compare more than two experimental samples using analysis of variance	K4	Quiz	
Offered by	Mathematics	SDG : 4,8		
Course Content		Instructional Hours / Week : 5		
Unit	Description	Text Book	Chapters	
I	Probability: Introduction- Definition-Classical Probability- Importance- Calculation of Probability- Addition theorem- Multiplication theorem- Baye’s theorem- Mathematical expectation- Random variable and Probability distribution problems (Theorems – statement only).	1	1 (Part II)	
Instructional Hours			15	
Learning Activity :			02 Hrs	
II	Collection of data: Methods of Collection of data - Primary and Secondary data – Classification and Tabulation of data. Data Visualization: Diagrams and Graphs - Difference between diagrams and graphs-Types of Diagrams - Merits and Limitations- Graphical representation- Histogram- Frequency polygon- Frequency curves and Ogives	1	3,6 (Part I)	
Instructional Hours			15	
Learning Activity: Assignment on Bar Graph & Pi Chart			02 Hrs	
III	Measures of Central Tendency: Mean-Median – Mode. Measures of Dispersion: Range - Quartile Deviation- Standard Deviation and Co-efficient of Variation.	1	7,8 (Part I)	

H-High; M-Medium; L-Low	
Course designed by	Verified by
Mr. T. Ramesh Kumar	Dr. T. Chandrapuspan