

Dr. N.G.P. ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)

Approved by Government of Tamil Nadu and Accredited by NAAC with 'A++' Grade (3 rd Cycle-3.64 CGPA)

Dr. N.G.P. – Kalapatti Road, Coimbatore-641048, Tamil Nadu, India

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REGULATIONS 2025-26 for Under Graduate Programme (Outcome Based Education model with Choice Based Credit System)

B.Com. Accounting and Taxation Degree

(For the students admitted during the academic year 2025-26 and onwards)

Programme: B.Com. Accounting and Taxation

Eligibility

A candidate who has passed in Higher Secondary Examination with any Academic Stream or Vocational Stream as one of the subject under Higher Secondary Board of Examination and as per the norms set by the Government of Tamil Nadu or an Examination accepted as equivalent thereto by the Academic Council, subject to such conditions as may be prescribed thereto are permitted to appear and qualify for the Bachelor of Commerce Accounting and Taxation Degree Examination of this College after a course of study of three academic years.

Programme Educational Objectives

The Curriculum is designed to attain the following learning goals which students shall accomplish by the time of their graduation:

- 1. Able to demonstrate a substantial understanding of concepts in the key areas of accounting and its applications.
- 2. Build professional excellence in the area of Taxation with creative mind.
- 3. Attain the skill in the Field of Accountancy and Taxation as Accountant, Entrepreneur, Scholars, Researchers and Tax consultants.
- 4. Perform with corporate ethics and abide with law to serve the society.

PROGRAMME OUTCOMES

On the successful completion of the program, he following are the expected outcomes to

PO Number	PO Statement
PO1	Gain the basic traits in communication skill to build confidence and to face the real time business world
PO2	Identify the corporate world with professional skill
PO3	Gain basic knowledge in Accounting and Taxation to increase students' proficiency
PO4	Progress with the socio-economic challenges related to Accounting, Finance and Taxation and shaping as a successful individual
PO5	Proceed with ethics and to serve the society



Guidelines for Programmes offering Part I & Part II for Four Semesters

Part	Subjects	No. of Papers	Credi	t	Semester No.
I (12 Credits)	Tamil / Hindi /French / Malayalam	4	4 x 3 =	12	I to IV
II (12 Credits)	English	4	4 x 3 =	12	I to IV
	Core (Credits 3,4)	17	$15 \times 4 = 60$ $2 \times 3 = 06$	66	I to VI
	Core Practical (Credits 2)	2	2x2 = 04	04	I to VI
III	Inter Departmental Course (IDC)	4	4 x 4=	:16	'I to IV
(108 Credits)	Discipline Specific Elective (DSE)	3	3 x 4 =	12	V & VI
	Skill Enhancement Course (SEC) (Embedded)	3	4 x 2 =	08	III to VI
	Industrial Training (IT)		1 x 2 =	= 2	V
	Environmental Studies (AECC)		1 x 2 =	= 2	I
IV	Basic Tamil/Advance Tamil/Human Rights & Women's Rights (AECC)		1 x 2 =	= 2	II
(8 Credits)	Generic Elective (GE)		1 x 2	= 2	V
	Innovation & IPR (AECC)	1	1 x 2 =	= 2	VI
V (2 Credits)	NSS/NCC/YR C/RRC/Yoga/ Sports	2	2 x 1	= 2	I & II
	TOTAL	CREDITS	143	2	

CURRICULUM

B.COM. ACCOUNTING AND TAXATION

Course	Course	Course Name	L	Т	P	Instru Ho	urs	Exam (hours)		Max M	larks	Credit
Code	Category					Week	Total		CIA	ESE	Total	
First Semeste	er								L.,			
Part – I		an = 1										
25TLU1TA		Tamil - I	(4									
25TLU1HA		Hindi - I				4		11				
25TLU1MA	Language - I	Malayalam – I	4	1	-	5	60	3	25	75	100	3
25TLU1FA		French – I		2				15				
Part – II								1				
25ELU1EA	Language -II	English - I	4) - (5)	1	5	60	3	25	75	100	3
Part – III	5	(\$\frac{1}{2}\)									,	
25COU1CA	Core - I	Financial Accounting	5	130	lun No.	6	72	3	25	75	100	4
25CIU1CA	Core - II	Principles of Management	4			4	48	3	25	75	100	4
25ATU1CP	Core Practical	Computerised Accounting		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4	4	48	3	40	60	100	2
25MTU1IA	IDC - I	Business Mathematics	4	1949	SE SELECT	4	48	3	25	75	100	4
Part - IV		20										
25MBU1AA	AECC-I	Environmental Studies	2	-		2	24		50	_	50	2
Part - V						The state of the s						
25ATU1XA	Extension Activity	NSS/NCC/YRC/ RRC/Yoga/Sports/ Clubs		-	-	-	-	# <u>*</u>	50	-	50	1.
		Total	23	2	5	30	360			-	700	23

Course	Course	Course Name	L	Т	P	Instruc Hou	ırs	Exam	N	Iax N	Iarks	Credits
Code	Category					Week	Total	(hours)	CIA	ESE	Total	C.
Second Seme	ster											
Part – I		ÿ ×										8)
25TLU2TA	- 	Tamil – II										
25TLU2HA		Hindi – II	4	1	_	5	60	3	25	75	100	3
25TLU2MA	Language - I	Malayalam - II	4	1		3	00	0	20	'	100	
25TLU2FA		French – II										
Part – II												
25ELU2EA	Language - II	English – II	4	-	1	5	60	3	25	75	100	3
Part – III)	12.11						
25BPU2CA	Core - III	Advanced Financial Accounting	5	1	-	6	72	3	25	75	100	4
25CRU2CA	Core - IV	Business Law	4			4	48	3	25	75	100	4
25ATU2CP	Core Practical - II	Spreadsheet Modeling for Business Decisions			4	4	48	3	40	60	100	2
25MTU2IA	IDC - II	Business Statistics	4		16	/4	48	3	25	75	100	4
Part - IV		X * 1	 101	Ż	الوج الموجود الموجود المام						1 8	
25TLU2AA		Basic Tamil	i amin'i	112 415 241							ž.	
25TLU2AB	AECC - II	Advanced Tamil	2	-	-	2	24		50	-	50	2
25CRU2AA		Human Rights and Women's Rights	1-					1)		5:		
Part – V												
25ATU2XA	Extension Activity	NSS/NCC/ YRC RRC/Yoga/Sports/ Clubs/Health and Wellness	-	-	5	-	-	-	50		50	1
		Total	23	2	5	30	360) -	-	-	700	23

Course	Course	Course Name	L	Т	P	Ho	urs	Exam (hours)	M	ax Ma	rks	Credit
Code	Category		200	3	,	Week	Total		CIA	ESE	Total	
Third Seme	ster							A				
Part-I								= 1				
25TLU3TA		Tamil - III										
25TLU3HA	Language - I	Hindi - III	3	1	_	4	48	3	25	75	100	3
25TLU3MA	- Language 1	Malayalam - III		*				3	23	/5	100	
25TLU3FA		French - III					*-				=	
Part–II							,				7	
25ELU3EA	Language - II	English - III	3	1	-	4	48	3	25	75	100	3
Part-III		and the second	W.	10			4					
25CMU3CA	Core - V	Cost Accounting	5	1.47		5	60	3	25	75	100	4
25ATU3CA	Core - VI	Income Tax Law and Practice	5			6	72	3	25	75	100	4
25BIU3CB	Core - VII	Company law	4	idani.		4	48	3	25	75	100	4
25COU3IA	IDC - III	Business Economics	4		13 - 20 - 20 - 20 - 20 - 20 - 20 - 20 - 2	4	48	3	25	75	100	4
25ATU3SP	SEC - Practical - I	Banking Practices	-	1	3	3	36	3	40	60	100	2
		Total	24	3	3	30	360	11-2-1	11	_	700	24

Course	Course	Course Name	L	Т	P	Hour		Exam	5,000	Iax N	[arks	Credits
Code	Category					Week	Γotal	(hours)	CIA	ESE	Total	
Fourth Seme	ester									(4)		
Part-I			n _a is						V			
25TLU4TA	91	Tamil - IV				4 .			*			
25TLU4HA	Languaga	Hindi - IV	3	1	-	4	48	3	25	75	100	3
25TLU4MA	Language – I	Malayalam - IV						,		1 1		
25TLU4FA	_	French - IV										
Part – II												
25ELU4EA	Language - II	English - IV	3	1	2	4	48	3	25	75	100	3
Part-III			e is in		73.	No.					1. 77	
25CRU4CA	Core - VIII	Corporate Accounting	-5	1		6	72	3	25	75	100	4
25ATU4CA	Core - IX	Auditing and Assurance	4	1		5	60	3	25	75	100	4
25ATU4CP	Core Practical - III	Applied Accounting Practices	2	-	2	4	48	3.	40	60	100	3
25CAU4IA	IDC - IV	Enterprise Resource Planning	4	99	13 (5 14 (5) 14 (5)	4	48	3	25	75	100	4
25ATU4SP	SEC - Practical - II	Entrepreneurial Development		-3	3	3	36	3	40	60	100	2
		Total	21	4	5	30	360	-		-	700	23

Course Code	Course Category	Course Name	L	Т	P	Hou		Exam (hours)	ĮV.	Iax N	larks	Credits
						Week	Total		CIA	ESE	Total	
Fifth Semes	ter	(P - 1		11								
Part - III	1 × ±							22				v -
25CRU5CA	Core - X	Advanced Corporate Accounting	5	1	-	5	60	3	25	75	100	4
25ATU5CB	Core - XI	Income Tax Law and Practice - II	5	1		6	72	3	25	75	100	4
25COU5CA	Core - XII	Financial Markets	4	. 1		5	60	3	25	75	100	3
25COU5CB	Core - XIII	Research Methodology	4		地方	4	48	3	25	75	100	4
25ATU5SP	SEC - Practical - III	Statistical Tools for Research			4	4	48	3	40	60	100	2
25CMU5DA		Financial Management	Tarangan		graph of the second	Z						
25IBU5DA	DSE - I	International Business Environment	4	114	-	4	48	3	25	75	100	4
25BIU5DA		Advertising and Salesmanship							7			**
25COU5DA		Human Resource Management										
25ATU5TA	IT	Industrial Training	_	-	-	_	-	-	40	60	100	2
Part - IV			-									
	GE		-	-	2	2	24	-	50	#1 75 ##	50	2
		Total	22	2	6	30	360	_	^-		750	25

Course Code	Course Category	Course Name	L	Т	P	Instru Hour		Exam (hours)	N	Iax N	Iarks	Credits
Code	Category					Week	Total	(nours)	CIA	ESE	Total	
Sixth Semes	ster											
Part - III		- %					41			1/71		20
25BAU6CA	Core - XIV	Management Accounting	5	-	-	5	60	3	25	75	100	4
25ATU6CA	Core - XV	Business Taxation	4	-	-	4	48	3	25	75	100	4
25ATU6CV	Core - XVI	Project and Viva Voce	-	-	8	8	96	3	40	60	100	4
25ATU6SP	SEC - Practical - IV	Documentation in ITR Filing	=:	-	3	3	36	3	40	60	100	2
25CMU6DA		Investment Management	ŅĽ	51		N-L						
25IBU6DA	DSE - II	India's Foreign Trade and Legislation	4			4	48	3	25	75	100	4
25BIU6DA		Retail Marketing				HQ.						
25COU6DA		Organizational Behavior				(5)					15	
25CMU6DB	74	Security Analysis and Portfolio Management	# 8	07	THE STREET				11.7			
25IBU6DB	DSE - III	International Banking and Finance	4	æ	_	4	48	3	25	75	100	4
25BIU6DB		Customer Relationship Management			1							
25COU6DB		Industrial Relations and Labour Law										
Part-IV												
25BIU6AA	AECC- III	Innovation and IPR	2	-	-	2	24	-	50	-	50	2
		Total	19	-	1	1 30	36	0 -	-	-	650	24
	8	Grand Total				-		-	-	-	4200	142

DISCIPLINE SPECIFIC ELECTIVE

Students shall select the desired course of their choice in the listed elective course during Semesters V & VI

Semester V (Elective I)

List of Elective Courses

S.No.	Course Code	Name of the Course	
1	25CMU5DA	Financial Management	
2	25IBU5DA	International Business Environment	Т
3	25BIU5DA	Advertising and Salesmanship	
4	25COU5DA	Human Resource Management	

Semester VI (Elective II)

List of Elective Courses

S.No.	Course Code	D S Name of the Course
1	25CMU6DA	Investment Management
2	25IBU6DA	India's Foreign Trade and Legislation
3	25BIU6DA	Retail Marketing
4	25COU6DA	Organizational Behavior

Semester VI (Elective III)

List of Elective Courses

S.No.	Course Code	Name of the Course
1	25CMU6DB	Security Analysis and Portfolio Management
2	25IBU6DB	International Banking and Finance
3	25BIU6DB	Customer Relationship Management
4	25COU6DB	Industrial Relations and Labour Law

GENERIC ELECTIVE COURSE (GE)

The following course is offered under Generic Elective

Semester V (GE)

S.No.	Course Code	Course Name
1	25ATU5GP	Fundamentals of Goods and Services Tax

EXTRA CREDIT COURSES

The following are the courses offered under self study to earn extra credits:

Semester III

S.No.	Course Code	× 011 1	Course Name
1	25ATUSSA	P	Principles of Marketing
2	25ATUSSB	(L	nsurance Law and Practice

			Semester – I				* E*	
LANGUAGE – I: TAMIL - I								
Semester	Course Code	Course Name	Category	L	Т	P	Credits	
I	25TLU1TA	TAMIL - I	LANGUAGE- I	48	12	-	3	

Preamble	மொழிப்பாடங்களின் வாயிலாக தமிழரின் பண்பாடுநாகரீகம்,
	பகுத்தறிவு ஆகியவற்றை அறியச் செய்தல்
	கலை மற்றும் மரபுகளை அறியச் செய்தல்
	மாணவர்களின் படைப்பாக்கத்திறன்களை ஊக்குவித்தல்
Prerequisite	தமிழ் மொழி எழுதி, படிக்கும் திறன்

Course O	utcomes (Cos)	
CO. No.	Course Outcomes (COs) Statement	Bloom's Tax anomy Knowledge Level
CO1	வாழ்க்கைத்திறன்கள் (Life Skills)- மாணவர்களின் செயலாக்கத்திறனை ஊக்குவித்தல்	K2
CO2	மதிப்புக்கல்வி (Attitude and Value education)	К3
CO3	பாடஇணைச்செயல்பாடுகள் (Co-curricular activities)	К3 .
CO4	குழலியல் ஆக்கம் (Ecology)	K4
CO5	மொழி அறிவு (Tamil knowledge)	K4

viapping with	Program Out	comes:	11		
Cos / POs	PO1	PO2	PO3	PO4	PO5
CO1		√	✓		✓
CO2	✓			✓	
CO3		V .			✓
CO4			✓		
CO5	✓		78	✓ ·	✓

25TLU1TA TAMIL - I Syllabus

Unit	Content	Hrs	Resources
1	மறுமலர்ச்சிக் கவிதைகள் 1. இலக்கிய வரலாறு -மறுமலர்ச்சிக் கவிஞர்களின் தமிழ்ப்பணிகள் 2. பாரததேசம்- பாரதியார்		தமிழ்மொழிப்
	3. படி - பாரதிதாசன் 4. தமிழரின் பெருமை - நாமக்கல் கவிஞர் 5. தமிழ்க் கொலை புரியாதீர் - புலவர் குழந்தை 6. திரைத்தமிழ் அ) 'விஞ்ஞானத்த வளர்க்கப் போறண்டி' எனத் தொடங்கும் பாடல் – உடுமலை நாராயண கவி ஆ) 'சும்மா கிடந்த நிலத்தை' எனத் தொடங்கும் பாடல் – பட்டுக்கோட்டை கல்யாண சுந்தரனார் இ) 'சமரசம் உலாவும் இடமே' எனத் தொடங்கும் பாடல் - மருதகாசி ா) 'உன்னை அறிந்தால்' எனத் தொடங்கும் பாடல் - கண்ணதாசன்	13	பாடம் முதற்பருவம் 2025-2026 https://www.youtube.co m/watch?v=Up55uhkk9z i
2	புதுக்கவிதைகள் 1. இலக்கிய வரலாறு - புதுக்கவிதையின் தோற்றமும் வளர்ச்சியும் 2. கடமையைச் செய் - மீரா 3. ஓடு ஓடு சங்கிலி - சிற்பி பாலசுப்பிரமணியம் 4. ஒப்பிலாத சமுதாயம் - அப்துல் ரகுமான் 5. மரங்கள் - மு.மேத்தா 6. கரிக்கிறது தாய்ப்பால் - ஆரூர் தமிழ்நாடன் 7. ஐந்தாம் வகுப்பு 'அ' பிரிவு - நா. முத்துக்குமார் 8. ஹைகூ கவிதைகள் - 10 கவிதைகள்	13	தமிழ்மொழிப் பாடம் முதற்பருவம் 2025-2026 https://www.youtube.co m/watch?v=dX9ZaNJMa
3	பெண்ணியம் 1. தொலைந்து போனேன் - தாமரை 2. நீரில் அலையும் முகம் - அ. வெண்ணிலா 3. தற்காத்தல் - பொன்மணி வைரமுத்து 4. ஏனிந்த வித்தியாசங்கள்? - மல்லிகா 5. புதையுண்ட வாழ்க்கை - சுகந்தி சுப்ரமணியன்	10	தமிழ்மொழிப்பா டம் முதற்பருவம் 2025-2026 https://www.youtube.co m/watch?v=DLabokqW
4	சிறுகதைகள் 1.இலக்கிய வரலாறு - சிறுகதையின் தோற்றமும்	14	தமிழ்மொழிப்

	வளர்ச்சியும்		பாடம்
	2. கனகாம்பரம் - கு.ப.ராஜகோபாலன்		முதற்பருவம்
	3. கடிதம்- புதுமைப்பித்தன்		900 S S S S S S
			2025-2026
	4. பொம்மை - ஜெயகாந்தன்		https://www.youtube.co
	5. காய்ச்சமரம் - கி. ராஜநாராயணன்		m/watch?v=78u7iTN30
	6. காட்டில் ஒருமான் - அம்பை		<u>U8</u>
	7.வேட்கை - சூர்யகாந்தன்		
5	பயிற்சிப் பகுதி		
	அ. இலக்கணம்		தமிழ்மொழிப்
	1. வல்லின ஒற்று மிகும், மிகா இடங்கள் -		பாடம்
= =	ஒற்றுப்பிழை நீக்கிஎழுதுதல்	10	முதற்பருவம்
	2. ர,ற-ல,ழ,ள - ண,ந,ன வேறுபாடு - ஒலிப்பு நெறி,		2025-2026
	சொற்பொருள் வேறுபாடு அறிதல்		https://www.youtube.co
	ஆ. படைப்பாக்கம்		m/watch?v=B3wfM0QL6
			<u>N8</u>
	1. கவிதை- எழுதுதல் (15 வரிகள் முதல் 30 வரிகள்		https://www.youtube.co m/watch?v=FchTlqAtwB
	வரை)		II III WATCH! V=F CHTIQATWB
	2.சிறுகதை - எழுதுதல் (குறைந்தது 3 பக்கங்கள்)		https://www.youtube.co
		1	m/watch?v=gCP3gC-
			JQU4
			https://www.youtube.co
	2000/20 Committee Committe	1	m/watch?v=p9QOHD12
			<u>Yeo</u>
	Total	60	

Text book	1.	தமிழ் மொழிப்பாடம் – 2025-2026 தொகுப்பு: தமிழ்த்துறை, டாக்டர்				
		என். ஜி. பி. கலை அறிவியல் கல்லூரி, கோயம்புத்தூர் – 641048.				
Reference	1. பேராசிரியர் புலவர் சோம். இளவரசு, தமிழ் இலக்கிய வரல					
Books		எட்டாம் பதிப்பு – 2024, மணிவாசகர் பதிப்பகம், சென்னை – 600 108.				
	2.	பேராசிரியர் முனைவர் பாக்கியமேரி, முதற் பதிப்பு – 2023,				
		இலக்கணம், இலக்கியவரலாறு, மொழித்திறன் – பூவேந்தன்				
		பதிப்பகம், சென்னை – 600 004.				

Journal and Magazines	இலக்கிய இதழ்கள்
E-Resources and Website	https://www.tamilvu.org

Learning Method	Lecture/ Tutorial / Student Seminar/GD/Assignment				
0					
Focus of the Course	Skill Development / Employability				

Semester – I LANGUAGE –I: HINDI – I								
Semester	Course Code	Course Name	Category	L	Т	P	Credits	
I	25TLU1HA	HINDI - I	LANGUAGE- I	48	12	-	3	

Preamble	The writing ability and develop reading skill	
	The various concepts and techniques for criticizing literature	
	The techniques for expansion of ideas and translation process	
Prerequisite	To understand the language Hindi for communication	

Course O	Course Outcomes (Cos)				
CO.No.	Course Outcomes (COs) Statement	Bloom's Tax anomy Knowledge Level			
CO1	Learn the fundamentals of novels and stories	K2			
CO2	Understand the principles of translation work	К3			
CO3	Expose the knowledge writing critical views on fiction	K3			
CO4	Build creative ability	K3			
CO5	Apply the power of creative reading	K4			

Mapping with Program Outcomes:						
Cos / POs	PO1	PO2	PO3	PO4	PO5	
CO1	✓	handara di Ma	The state of the s	✓	✓	
CO2	<u> </u>	1			√	
CO3	F)			✓		
CO4	✓		✓	*:		
CO5		✓	√		✓	

25TLU1HA HINDI – I

Unit	Content	Hrs	Resources
1	गद्य – नूतन गद्य संग्रह (जयप्रकाश) पाठ।- रजिया पाठ, 2-	13	
	मक्रील पाठ 3- बहता पानी निर्मला		Text Book
	पाठ४- राष्ट्रपिता महात्मा गाँधी		
2	कहानी कुंज- डाँ वी.पी. 'अमिताभ'(पाठ 1-4)	13	Text Book
3	व्याकरण : शब्दविचार (संज्ञा, सर्वनाम,विशेषण)	12	Text Book
4	अनुच्छेद लेखन	12	Text Book
5	अनुवाद अभ्यास-III (केवल अंग्रेजी से हिन्दी में) (पाठ1 to 10)	10	Text Book
	Total	60	

Text books	1.	प्रकाशकः सुमित्र प्रकाशन 204 लीला अपार्ट्मेंट्स, 15 हेस्टिंग्स रोड'अशोक नगर
,		इलाहाबाद-211001
	2.	प्रकाशकः गोविन्द प्रकाशन सदर बाजार, मथुरा उत्तरप्रदेश-281001
	3.	पुस्तक: व्याकरण प्रदिप – रामदेव प्रकाशक: हिन्दी भवन 36 टेगोर नगर इलाहाबाद- 211024
	4.	पुस्तकः व्याकरण प्रदिप – रामदेव प्रकाशकः हिन्दी भवन 36 इलाहाबाद-211024
	5.	प्रकाशक: दक्षिण भारत प्रचार सभा चेनैई -17
Reference Books		-

Journal and Magazines	14	-	*	
E-Resources and		2 = =		
Website				

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Learning Method	Lecture/ Tutorial / Student Seminar/GD/Assignment

Focus of the Course	Skill Development / Employability	
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		Semes	ter – I				
		MALAY	ALAM- I				
Semester	Course Code	Course Name	Category	L	Т	P	Credits
I	25TLU1MA	MALAYALAM- I	LANGUAGE- I	48	12	-	3

Preamble	The writing ability and develop reading skill
	The various concepts and techniques for criticizing literature, to learn the techniques
	for expansion of ideas and translation process
	The competency in translating simple Malayalam sentences into English and vice
	versa
Prerequisite	To understand the language Malayalam for communication

Course Outcomes (Cos)				
CO. No.	Course Outcomes (COs) Statement	Bloom's Tax anomy Knowledge Level		
CO1	Learn the fundamentals of novels and stories	K2		
CO2	Understand the principles of translation work	К3		
CO3	Expose the knowledge writing critical views on fiction	К3		
CO4	Apply creative ability	K3		
CO5	Build the power of creative reading	K4		

Mapping with	Program Out	comes:	SUL		
Cos / POs	PO1	PO2	PO3	PO4	PO5
CO1	✓				✓
CO2	1 (82° - 121 (1		5		✓
CO3		✓	✓		
CO4	✓		~		
CO5		✓			✓

25TLU1MA MALAYALAM- I

Content	Hrs	Resources
Novel	14	Text book
PathummayudeAdu		
Novel	10	Text book
PathummayudeAdu		
Short Story	14	Text book
Nalinakanthi		The state of the s
Short Story	10	Text book
Nalinakanthi		
Practical Application	12	Text book
Expansion of ideas, General Essay and Translation		
Total	60	
	Novel PathummayudeAdu Novel PathummayudeAdu Short Story Nalinakanthi Short Story Nalinakanthi Practical Application Expansion of ideas, General Essay and Translation	Novel PathummayudeAdu Novel PathummayudeAdu Short Story Nalinakanthi Short Story Nalinakanthi Practical Application Expansion of ideas, General Essay and Translation

Text books	1.	Vaikkam Muhammed Basheer, "PathummayudeAdu" (NOVEL), DC Books & Kottayam
1.0	2.	T.Padmanabhan, "Nalinakanthi" (Short Story), DC Books & Kottayam.
Reference Books	1.	MalayalaNovel Sahithyam.
	2.	MalayalaCherukathaInnale Innu.

Journal and Magazines	to the concept to I am
E-Resources and Website	The state of the s

Learning Method	Lecture/ Tutorial / Student Seminar/GD/Assignment	
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Focus of the Course	Skill Development / Employability
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9			emester – I RENCH - I				
Semester	Course Code	Course Name	Category	L	T	P	Credits
I	25TLU1FA	FRENCH - I	LANGUAGE- I	48	12	-	3

Preamble	The competence in general communication skills with oral, written and comprehension & expression			
	The culture, life style and the civilization aspects of the French people as well as of			
	France			
	The students to acquire competency in translating simple French sentences into			
	English and vice versa			
Prerequisite	To understand the language French for communication			

Course Outcomes (Cos)			
CO. No.	Course Outcomes (COs) Statement	Bloom's Tax anomy Knowledge Level	
CO1	Learn the Basic verbs, numbers and accents	K2	
CO2	Apply the adjectives and the classroom environment in France	К3	
CO3	Select the Plural, Articles and the Hobbies	K3	
CO4	Measure the Cultural Activity in France	K3	
CO5	Evaluate the sentiments, life style of the French people and the usage of the conditional tense	K4	

Mapping with	Program Out	comes:	A ST TO STATE OF THE STATE OF T		
Cos / POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	11			✓
CO2					✓
CO3		.,			
CO4	✓		/		✓
CO5	✓		✓ .		

25TLU1FA FRENCH - I

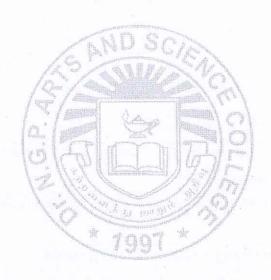
Unit		Co	ntent	Hrs	Resources	
1	Objectifs de Communic ation Activités de réception et de production orale			14	Text book Salut I	
	 Saluer Enter en contact avec quelqu'un. Se presenter. S'excuser 	En cours de cuisine, premiers contacts avec les members d'un groupe	 Comprendre des personnes qui se saluent. Ēchanger pour entrer en contact, se présenter, saluer, s'excuser. Communiquer avec tu ou vous. Comprendre les consignes de classe Ēpeler son nom et son prénom. Computer jusqu'à 10. 		Page 10	
2	 Demander de se presenter. Présenter quelqu'un 	Dans la classe de français, se presenter et remplir une fiche pour le professeur.	Comprendre les informations essentielles dans un échange en milieu professionnel. Ēchanger pour se presenteret présenterquelqu'un.	12	Text book Enchanté I Page 20	
3	• Exprimer ses gouts.	Dans un café, participer à une soirée de rencontres rapides et remplir de taches d'appréciation	 Dans une soirée de recontresrapid comprendre des personnes qui échangent sur elles et sur leurs goût Comprendre une personne qui parler des goûts de quelqu'un d'autre 	14	Text book J'adore I Page 30	
4	Demander à quelqu'un de faire quelque chose. Demander poliment. Parler d'actions passes. Tu veux bien?	Organiser un programme d'activités pour accueillir une personne importante	Comprendre une personne demande un service à quelqu'un. Demander à quelqu'un de faire quelque chose. • Imaginer et raconter au passé à partir de situations dessinées.	10	Text book Autoévalua tion du module I Page 40 — Préparation au DELF A1 page 42 Tu veux bien page 46	
5	Practical App Make in Own S			10	-	
30		7	Cotal	60		

Text book	1.	Regine Merieux, Yves Loiseau. 2012. LATITUDES – 1: Méthode de français (Page No: 9-55) Les Editions Dider, Paris, ImprimeenRoumanie par Canale en Janvier
Reference Book	1.	

Journal and Magazines	*	
E-Resources and Website		

Lecture/ Tutorial / Student Seminar/GD/Assignment	
	Lecture/ Tutorial / Student Seminar/GD/Assignment

Focus of the Course	Skill Development / Employability	
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		SEMESTE	R – I				
		LANGUAGE II: E	NGLISH – I				
Semester	Course Code	Course Name	Category	L	Т	P	Credits
1	25ELU1EA	ENGLISH – I	LANGUAGE- II	48	-	12	3

Preamble	 This course has been designed for students to learn and understand the effect of dialogue, imagery and varied genres any spontaneous spoken discourse and respond to them with proper sentence structure the transactional concept of English language.
Prerequisite	Basic comprehension of Language Skills

Course Or	utcomes (Cos)	20%	
CO Number	Course Outcomes (COs) Statement	Bloom's Taxonom Knowledge Level	
CO1	Identify the various aspects in poetry.	K2	
CO2	Infer linguistic and non-linguistic features of the context for understanding and interpreting.	K3	
СОЗ	Construct sentences and convey messages effectively in real life situations.	K3	
CO4	Apply different reading strategies with varying speed.	K3	
CO5	Prepare modules with their own ideas and present them coherently in a grammatically correct form.	К3	

Cos / POs	PO1	PO2	PO3	PO4	PO5
CO1	. 🗸	✓	✓		*
CO2		✓	✓		
CO3	✓		√	✓	✓
CO4		✓		√	
CO5	✓		✓		✓

25ELU1EA | LANGUAGE II: ENGLISH – I

Syllabus

Unit	Content	Hrs	Resources
U nit	Content Genre Studies Mathew Arnold: Dover Beach- Author's Biography- title indications- outline- paraphrasing the poem- context of poemform- poetic devices- enjambment- techniques— Annotations Niyi Osundare: Our Earth Will Not Die- Author's Biographytitle indications-outline- paraphrasing the poem- context of poem- form- poetic devices-enjambment- techniques— Annotations Charles Lamb: Christ's Hospital Five and Thirty Years Ago- Author's biography- Narrative structure- Exploration of the text- passage analysis- insight of ideas- cohesion and context- style- language techniques- Annotation James Hanson: A Famed Life - Ten Minute Comedy for Two Women - Author's Biography- Plot Summary- Detailed	Hrs 12	Resources Text Book
п	summary and Analysis- Themes- Important Quotations-Characters- Description - analysis- Terms- Symbols- Critical analysis Sheila Nayampalli Baruna: Alone - Author's Biographynarrative structure- passage analysis- insight of ideas- cohesion and context- style- language techniques. Listening Skills Listening Vs. hearing- Types of listening, Tips to enhance Listening Skills, Non-verbal and Verbal signs of active listening- Comprehensive Listening- Listening to pre-recorded audios on speeches, interviews and conversations-Listening Activities- Listening and responding to complaints (formal situation), Listening to problems and offering solutions (informal)	13	britishcouncil.org cambridgeenglish. org
III	Speaking Skills Formal occasions- Introducing oneself, Introducing others, Enquiries and Seeking permission, neural speaking -Making short presentations- Informal occasions- Requests, Offering help, Congratulating, Farewell party, graduation speech- Giving instructions to do a task and to use a device, Giving and asking directions	11	britishcouncil.org cambridgeenglish. org
IV	Reading Skills Study Skills: Skimming and Scanning- Reading different kinds of texts- Types of reading-Developing a good reading speed, reading aloud, Referencing skill- Word Power (Denotation and Connotation) - Reading comprehension, Data interpretation — Charts, Graphs, Advertisements - Cognitive Skills- Inference Making – Interpretation	12	britishcouncil.org cambridgeenglish org
V	Writing Skills Sentence patterns, Note- making and note taking-Strategies - Paragraph writing: Structure and Principles - Academic Writing - Formal and Informal Letters, Report, Book /Movie Review - Infographics Writing		britishcouncil.org cambridgeenglish org
	Total	60	

Note: Case studies related to the above topics to be discussed (Examined Internal only)

Text book	1.	https://www.poetryfoundation.org/poems/43588/doverbeach
	100	https://portal.abuad.edu.ng/lecturer/documents/1586771577our_earth_will_not
	2.	<u>die.doc</u>
	3.	http://l-adam-mekler.com/chucktwo.pdf
		https://offthewallplays.com/wpontent/uploads/2017/04/1_pdfsam_A-famed-life-
	4.	full-with-title-page.pdf
		Nation, I. S. P and Jonathan Newton. 2009. Teaching ESL/EFL Listening and
	5.	Speaking. Routledge, New York, United States of America.
		Prabha, Dr. R. Vithya & S. Nithya Devi. 2019. Sparkle. (1st Edn.) McGraw -
	6.	Hill Education, Chennai, India.
Reference		Rudzka, Brygida -Ostyn, 2003. Word Power: Phrasal Verbs and Compounds: A
Books	1.	Cognitive Approach, Mouton de Gruyter, New York, United States of America.
		Swales, John M. & Feak, Christine B. 2012. Academic Writing for Graduate
	2.	Students: Essential Tasks and Skills, University of Michigan Press, Michigan,
		United States of America.
		Sen, Leena. 2007. Communication Skills, Second Edition, Prentice Hall India
	3.	Learning Private Limited, New Delhi, India.
		O. Greene, John. 2021. Essentials of Communication Skill and Skill
	4.	Enhancement: A Primer for Students and Professionals, Routledge publishers,
		United Kingdom.

Journal and Magazines	https://academic.oup.com/journals
E-Resources and	https://learnenglish.britishcouncil.org/
Website	https://www.cambridgeenglish.org/learning-english/activities-for-learners/

Learning Method	Chalk and Talk/Assignment/Seminar/ Group Discussion/Case Study
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Focus of the Course	Skill Development/ Employability

	C	Semester – I ORE : FINANCIAL ACCOU	JNTING				
Semester	Course Code	Course Name	Category	L	T	P	Credits
I	25COU1CA	FINANCIAL ACCOUNTING	CORE	60	12	-	4

Preamble ·	 This course has been designed for students to learn and understand the basic concepts of accounting, prepare the final accounts and methods of providing depreciation accounting. the recording transactions relating to bills of Exchange, methods of preparation of account current and find out the average due date. the knowledge about accounting for Consignment and methods of recording sale or return transactions.
Prerequisite	Knowledge on Fundamental of Accounting.

Course O	utcomes (Cos)			
CO Number	Course Outcomes (COs) Statement	Bloom's Taxonomy Knowledge Leve		
CO1	Understand the basic knowledge about Accounting and preparation of final accounts.	K2		
CO2	Know the methods of providing depreciation accounting.	K3		
CO3	Obtain the features of bill of exchange, promissory notes and recording transactions relating to bills.	K2		
CO4	Learn the knowledge about methods of preparation of account current and find out the average due date.	КЗ		
CO5	Acquire knowledge about accounting treatments in the books of the consignor and consignee and methods of recording sale or return transactions.	КЗ		

Cos/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓	√	
CO2	✓.	✓		✓	✓
CO3	√		1		✓
CO4	✓	✓	✓	✓	
CO5	V	1	/	✓	9

25COU1CA FINANCIAL ACCOUNTING

Unit	Content	Hrs	Resources
Ι	Introduction to Accounting and Final Accounts Accounting Definition – Objectives – Functions – Advantages – Limitations – Types of Accounts – Basis of Accounting – Accounting Principles: Accounting Concepts and Conventions – Journal – Ledger – Subsidiary books – Trial balance. Final Accounts: Introduction – Trading Account, Profit and Loss Account, Balance sheet with adjustments. Case Study on Accounting Concepts.	14	Text Book
II	Bank Reconciliation Statement and Depreciation Bank Reconciliation Statement - Need - Preparation of Bank Reconciliation Statement. Meaning and Definition of Depreciation - Characteristics - Causes - Need - Methods (Straight Line, Written Down, Annuity, Sinking Fund, Insurance Policy and Machine Hour Rate methods). Case Study on Bank Reconciliation Statement	16	Text Book
III	Bills of Exchange Bills of Exchange - Definition - Features - Advantages - Types - Promissory Notes - Definition - Features - Distinction between Bills of Exchange and Promissory Notes - Recording transactions relating to bills - Retiring of bill under rebate - Dishonour of a Bill - Renewal of bills. Case Study on Bills of Exchange	15	Text Book
IV	Account Current and Average Due Date Meaning of Account current - Definition - Methods: Product, Red-ink Interest, Interest table, Periodical balance and Epoque method. Meaning of Average due date - Uses-Accounting treatment - Calculation of Interest.	12	Text Book
V	Accounting for Consignments and Goods Sent on Sale or Return Basis Meaning of Consignment – Distinction between consignment and sale – Accounting treatment in the books of the Consignor and Consignee – Goods sent on consignment at cost and at Invoice price. Meaning of Sale or Return – Purpose – Methods of Recording Sale or Return Transactions. Total	15 72	Text Book

Note: Distribution of Marks: 80% problems and 20% theory.
Case studies related to the above topics to be discussed (Examined
Internal only)

Text book		Jain, S.P., and Narang, K.L 2021, Advanced Accountancy - Principles of
	1.	Accounting Including GST Volume I, Twentieth Revised Edition,
		Kalyani Publishers, New Delhi.
	2.	Shukla M.C Grewal T.S Gupta S.C. 2022, Advanced Accounts Volume I
	۷.	Nineteenth Edition, S. Chand & Company Pvt Ltd, New Delhi.
Reference	Reddy, T.S. and Murthy, A. 2023, Financial Accounting, Second Revised	
Books	1.	Edition, Margham Publications, Chennai.
	2.	Hanif., and Mukherjee, 2018, Modern Accountancy, Volume I
	Ζ.	Second Edition, Tata Mcgraw Hill Publishing Co.Ltd., Chennai.
_		S.N.Maheswari, Suneel K Maheswhwari and Sharad K Maheswari, 2022,
	3.	Advanced Accountancy, Volume I, 11th Edition, S Chand & Company
		Limited, New Delhi.
		Pillai. R.S.N and Bagavathi, Uma.S. 2012. Fundamentals of Advanced
-	4.	Accounting, Volume I, Third Revised Edition, Sultan Chand &
		Company Ltd, New Delhi.

Journal and Magazines	https://indianaccounting.org
E-Resources and	Best Financial Accounting Courses & Certificates Online [2024]
Website	Coursera,
vvebsite	Infosys Springboard: Digital Learning and Reskilling Programs

Learning Method	Chalk and Talk/Assignment/Seminar/Grou	p Discussion
Focus of the Course	Skill Development/ Employability/	Entrepreneurial

		Semester – I CORE : PRINCIPLES OF MANAGI	EMENT				
Semester	Course Code	Course Name	Category	L	T	P	Credits
1	25CIU1CA	PRINCIPLES OF MANAGEMENT	CORE	48	-	-	4

Preamble	 This course has been designed for students to learn and understand the basic principles and elements of effective management the managerial actions of planning, organizing and motivation the leadership qualities and effective controlling.
Prerequisite	

Course Or CO Number	course Outcomes (COs) Statement	Bloom's Taxonomy Knowledge Leve	
CO1	Translate the management principles into management practices.	K2	
CO2	Interpret the planning and decision-making process in the organization.	K2	
CO3	Relate the organizational practices through proper delegation of authority and responsibility	K2	
CO4	Infer the recruitment process, motivational theory and leadership styles in the practice of management.	K2	
CO5	Make use of the techniques of controlling and reporting.	K3	

Cos/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	, A	✓	✓	1
CO2	✓		✓		✓
CO3	✓	1		V	✓
CO4		✓	1	✓	1
CO5	√	√		✓	✓

25CIU1CA | PRINCIPLES OF MANAGEMENT

Management - Management as an Art, Science and Profession Scientific Management - Fayol's Principles of Management Management By Objectives (MBO) - Management By Exception (MBE)- Organization culture and Environment Current trends and issues in Management. Planning	Unit	Content	Hrs	Resources
Definition - Nature - Objectives - Advantages and Disadvantages - Process - Types - Decision Making - Traditional and Modern Techniques - Steps involved in Decision Making- Rational Decision Making. Case Study on Decision Making. Organizing Definition - Principles - Importance - Elements of Organization - Process - Line & Staff- Overcoming Line-staff conflict, Committees, Organization Structure - Types, Advantages & Disadvantages. Directing - Meaning & Definition - Principles - Techniques - Importance - Delegation - Process of Delegations-Barriers to Delegation, Span of Control - Centralization & Decentralization - Departmentation Case Study on organization conflict Staffing Meaning and Definition - Functions - Recruitment - Sources of Recruitment - Training- Performance Appraisal - 360 Degree Appraisal Method - Assessment Center Method-Motivation - Importance of Motivation - Maslow's Theory of Motivation - X, Y and Z Theories (McGregor Theory & William Ouchi Theory)- Goal Setting theory - Leadership - Types - Qualities of a Good Leader- Leadership styles- Group decision making. Case Study on Performance Appraisal Controlling and Reporting Meaning and Definition - Need and Significance of control - Process of Controlling- Types of control - Managing Productivity - Cost Control - Purchase Control - Managing Productivity - Cost Control - Purchase Control - Managing Reference Book Text Book Reference Book	I	Definition – Nature and Scope - Importance –Functions of Management – Management as an Art, Science and Profession – Scientific Management – Fayol's Principles of Management – Management By Objectives (MBO) – Management By Exception (MBE)- Organization culture and Environment –	10	Reference
Organizing Definition - Principles - Importance -Elements of Organization - Process - Line & Staff- Overcoming Line-staff conflict, Committees, Organization Structure - Types, Advantages & Disadvantages. Directing - Meaning & Definition - Principles - Techniques - Importance - Delegation - Process of Delegations-Barriers to Delegation, Span of Control - Centralization & Decentralization - Departmentation Case Study on organization conflict Staffing Meaning and Definition - Functions - Recruitment - Sources of Recruitment - Training- Performance Appraisal - 360 Degree Appraisal Method - Assessment Center Method-Motivation - Importance of Motivation - Maslow's Theory of Motivation - X, Y and Z Theories (McGregor Theory & William Ouchi Theory)- Goal Setting theory - Leadership - Types - Qualities of a Good Leader- Leadership styles- Group decision making. Case Study on Performance Appraisal Controlling and Reporting Meaning and Definition - Need and Significance of control - Process of Controlling- Types of control - Managing Productivity - Cost Control - Purchase Control - Maintenance Control - Quality Control - Co-ordination - Need - Techniques - Reporting - Meaning & Definition - Principles -	П	Definition - Nature - Objectives - Advantages and Disadvantages - Process - Types - Decision Making - Traditional and Modern Techniques - Steps involved in Decision Making- Rational Decision Making.	10	Reference
Staffing Meaning and Definition – Functions – Recruitment - Sources of Recruitment – Training- Performance Appraisal - 360 Degree Appraisal Method – Assessment Center Method- Motivation – Importance of Motivation - Maslow's Theory of Motivation – X, Y and Z Theories (McGregor Theory & William Ouchi Theory)- Goal Setting theory - Leadership – Types – Qualities of a Good Leader- Leadership styles- Group decision making. Case Study on Performance Appraisal Controlling and Reporting Meaning and Definition – Need and Significance of control – Process of Controlling– Types of control – Managing V Productivity – Cost Control – Purchase Control – Maintenance Control – Quality Control – Co-ordination – Need – Techniques - Reporting – Meaning & Definition – Principles – Book	III	Organizing Definition - Principles - Importance -Elements of Organization - Process - Line & Staff- Overcoming Line-staff conflict, Committees, Organization Structure - Types, Advantages & Disadvantages. Directing - Meaning & Definition - Principles - Techniques - Importance -Delegation - Process of Delegations-Barriers to Delegation, Span of Control - Centralization & Decentralization - Departmentation	10	Reference
Controlling and Reporting Meaning and Definition – Need and Significance of control – Process of Controlling – Types of control – Managing V Productivity – Cost Control – Purchase Control – Maintenance Control – Quality Control – Co-ordination – Need – Techniques - Reporting – Meaning & Definition – Principles – Text Book	IV	Staffing Meaning and Definition – Functions – Recruitment - Sources of Recruitment – Training- Performance Appraisal – 360 Degree Appraisal Method – Assessment Center Method-Motivation – Importance of Motivation - Maslow's Theory of Motivation – X, Y and Z Theories (McGregor Theory & William Ouchi Theory)- Goal Setting theory – Leadership – Types – Qualities of a Good Leader- Leadership styles- Group decision making.	9	Reference
1 certificates importance	V	Controlling and Reporting Meaning and Definition – Need and Significance of control – Process of Controlling– Types of control –Managing Productivity – Cost Control – Purchase Control –Maintenance Control – Quality Control – Co-ordination – Need –	9	Text Book & Reference Book

Note: Case studies related to the above topics to be discussed (Examined Internal only)

Text book	1.	Dinkar Pagare, 2018, "Principles of Management", Sixth Edition, Sultan Chand & Sons, New Delhi.
	2.	Ramaswamy T, 2019, "Principles of Management", Eleventh Edition, Himalaya Publishing Home Pvt Ltd, Mumbai
Reference Books	1.	Govindarajan. M., 2019. "Principles of Management", Ninth Edition, PHI Publications, New Delhi.
- 12	2.	Prasad L.M., 2015, "Principles and Practice of Management", Eighth Edition, Sultan Chand & Sons, New Delhi
	3.	Tripathi P C & Reddy P N, 2017, "Principles of Management", Sixteenth Edition, McGraw Hill Education and New Delhi.
	4.	Mitra J.K, 2017, "Principles of Management", First Edition, Oxford University Press.

Journal and Magazines	Principles Of Management Academy of Management Journal				
Journal and Magazines	(aom.org)				
E-Resources and	Infosys Springboard: Digital Learning and Reskilling Programs				
Website	Principles of Management Coursera				

Learning Method	Chalk and Talk/Assignment/Seminar/ Group Discussion/Case Study
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Focus of the Course	Skill	Development/	Employability/	Entrepreneurial
rocus of the Course	Develo	pment/ Innovations	19/ ·	

	CORE PR	Semester – I ACTICAL : COMPUTERIS	SED ACCOUNTIN	G			
Semester	Course Code	Course Name	Category	L	T	P	Credits
I	25ATU1CP	COMPUTERISED ACCOUNTING	CORE PRACTICAL	2.4	-	48	2

Preamble	This course has been designed for students to learn and understand • basic accounting entries • enabling features of GST • generating reports.
Prerequisite	Basic Accounting Knowledge

CO Number	Course Outcomes (COs) Statement	Bloom's Taxonomy Knowledge Level
CO1	Understand the Company Creation	K2
CO2	Create Groups, Ledgers and Inventory Masters	K3
CO3	Generate Vouchers with GST	K3
CO4	Display Trial Balance, Final Accounts and Subsidiary Books	КЗ
CO5	Reconcile Bank statement	КЗ

Cos/POs	PO1	PO2	PO3	PO4	PO5
CO1		✓	✓	✓	✓
CO2	-	✓	✓	✓	✓
CO3		✓	✓	✓	✓
CO4		✓	· /	√	✓
CO5		✓	✓	✓	✓

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COMPUTERISED ACCOUNTING

S.No			List of Programs						
1	C	reat	tion of Company						
2	C	reat	tion of Accounting Masters: Groups and ledgers, editing and deleting						
3	F U	orm nit o	nation of Inventory Masters: Stock Item, Stock Group, Stock Categories and of Measures						
4	R Sa	Recording and Maintaining of Vouchers with GST: Contra, Payment, Receipt, Sales, Purchase and Other Vouchers							
5	D	Display of Subsidiary Books							
6 .	D W	ispla Jeigl	lay of Inventory Statement: FIFO, LIFO, Simple Average Cost Method and htted Average Cost Method						
7	Generating Final Accounts Reports :Trial Balance, Profit & Loss Account and Balance Sheet								
8	D	ispla	lay of Cash Flow and Fund Flow Analysis Report						
9	Presenting Bill Wise Statements								
10	G	enei	rate Bank Reconciliation Statement						
11	E	xpoı	rt Consolidated e-way Bill Invoice reports						
12	P: N	repa on-	are Receipts and Payments A/c and Income and Expenditure A/c for Trading Organisation						
Texk Books	Manish Jain,2022, "Official Guide to Financial Accounting using Tally Prime' 1st Edition, Tally Education Private Limited, BPB Publications, India.								
		2.	Rakesh Sangwan, 2021, "Tally Workbook (Tally Prime) A Real Practical Accounting", 1st Edition, Ascent Prime Publications.						
Learning	Me	tho	Demonstration/ Hands on Experiments						
Focus of	the	Cou	urse Skill Development/ Employability						

		Semester – I IDC: BUSINESS MATHEMA	TICS				
Semester	Course Code	Course Name	Category	L	Ţ	P	Credits
I	25MTU1IA	BUSINESS MATHEMATICS	IDC	48	-	-	4

Preamble	This course has been designed for students to learn and understand
	the characteristics of different types of matrices
	the basic concept of sequence and seriesthe concept of interest and annuities
Prerequisite	Knowledge on Basic Mathematics

Course O	utcomes (Cos)	DI /
CO Number	Course Outcomes (COs) Statement	Bloom's Taxonomy Knowledge Level
CO1	solve the linear equations through matrix theory	КЗ
CO2	identify and define the types and uses of sets	K1
CO3	recognize and apply the theory of ratios and proportions in real life	КЗ
CO4	understand the basic principles of sequence and series	K2
CO5	apply the concepts of present value and annuity in business	K3

Mapping with	Program Out	comes:	Company at the Street		
Cos/POs	PO1	PO2	PO3	PO4	PO5
CO1	1		1		
CO2	1		1	1	1
CO3	1	1			
CO4	1	/	1	1	1
CO5	/	1	1		1

25MTU1IA | IDC: BUSINESS MATHEMATICS

Unit	Content	Hrs	Resources
I	Matrix and its applications to business Matrix and its applications to business- Definitions and notations - operations - conversion of a business problem into a linear system of equations - determinant - matrix equation - methods to solve linear system: Cramer's rule - matrix inversion method.	12	Text Book
II	Theory of sets and its business applications Theory of sets and its business applications - Set theory - representation of sets - union, intersection and complement - subset - null set - difference of a set - De Morgan's law-universal set - basic operations-Cartesian products- laws of set algebra- cardinal numbers- Venn diagram- business applications.	08	Reference Book
III	Ratio, Permutation and Combination Ratio, Permutation & Combination- Ratio - proportion- types - ratio, proportion and its type of comparison -variations - percentage - annexing zeros and removing decimal signs - average - computation of mean for grouped series - mean of composite group. Fundamental counting principle- factorial- permutation-restricted permutation- circular permutations- combination - restricted combinations - division into groups - mixed problems on permutation and combination.	08	Text Book
IV	Sequence and Series - Its application to business Sequence and Series - Its application to business - General idea and different types of sequences - kinds of sequence - arithmetic and geometric means - arithmetic progression-geometric progression - harmonic progression.	09	Text Book
V -	Compound Interest and Annuities Interest - simple interest - compound interest - continuous compounding - present value and amount of a sum - annuity and its types - present value of an annuity - debenture. Total	11	Text Book

Text book	-1	Mariappan P, 2015, "Business Mathematics", First Edition, Pearson India
	1.	education services Pvt. Ltd, New Delhi.
Reference	1	Asim Kumar Manna, 2018, "Business Mathematics and Statistics", First
Books	1.	Edition, McGraw Hill Education Private Limited, New Delhi.
		Sundaresan V, Jayaseelan S D, 2011, "An introduction to Business
	2.	Mathematics", 4th Edition, Sultan Chand & Company, New Delhi.
		Das N.G & Das J.K, 2012, "Business Mathematics and Statistics", First
- 50	3.	Edition, McGraw Hill Education Private Limited, New Delhi.
	1	Sancheti D.C & Kapoor V K, 2012, "Business Mathematics", Eleventh
	4.	Edition, Sultan Chand & Company, New Delhi.

Journal and	https://www.worldscientific.com/worldscinet/bms)
Magazines	Matrices: Definition, Properties, Types, Formulas, and Examples
E-Resources and Website	(geeksforgeeks.org)
	https://nptel.ac.in

Learning Method	Chalk and Talk/Assignment/Seminar
Focus of the	Skill Development/ Employability

Semester – I

AECC I: ENVIRONMENTAL STUDIES

Semester	Course Code	Course Name	Category	L	Т	р	Credits
I	25MBU1AA	ENVIRONMENTAL STUDIES	AECC	24		-	2

Preamble	This course has been designed for students to learn and understand	
	 Multi-disciplinary aspects of Environmental studies 	V 2 P
	 Importance to conserve the biodiversity 	
	 Causes of Pollution and its control 	
Prerequisite	Aware the basics of environmental components	
Course Outco	omes (Cos)	
CO Number	Course Outcomes (Cos) Statement	Bloom's Taxonomy Knowledge Level
CO1	To understand the importance of natural resources in order to conserve for the future	K1
CO2	To impart knowledge on Natural resources and its conservation	K2
CO3	To impart knowledge on Biodiversity and its conservation	K3
CO4	To create awareness on effects, causes and control of air, water, soil and noise pollution etc.,	К3
CO5	To build awareness about sustainable development and Environmental protection	K1

Cos/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	· /	✓	✓
CO2	✓	✓	✓	· /	✓
CO3	✓	✓	✓	√	✓
CO4	√	✓	✓		
CO5	√	✓	✓		✓ /

25MBU1AA - ENVIRONMENTAL STUDIES Syllabus

Unit	Content	Hours	E-Contents / Resources
Ι	Introduction to Environmental studies& Ecosystems: components of environment – atmosphere, hydrosphere, lithosphere and biosphere. Scope and importance - Energy flow in an ecosystem: food chain, food web and ecological succession.	5	Text book and Website
II	Natural Resources: Renewable and Non-renewable Resources: Land Resources and land use - Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations. Conflicts over water (international & inter-state). Energy resources: Renewable and non-renewable energy sources, use of alternate energy sources, growing energy needs.	5	Text book and Website
III	Biodiversity and Conservation: Global biodiversity hot spots. India as a mega-biodiversity nation; Endangered and endemic species of India. Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.	4	Text book and Website
IV	Environmental Pollution: types, causes, effects and controls; Air, water, soil, chemical and noise pollution. Nuclear hazards and human health risks. Environment Laws: Environment Protection Act; Prevention & Control of Pollution Act — Air & Water. Wildlife Protection Act; Forest Conservation Act; Indigenous knowledge used for sustainable forest use.	5	Text book and Website
V	Environmental ethics: Role of Indian and other religions and cultures in environmental conservation. Role of Information Technology in Environment and human health. Role of the Colleges, Teachers and Students in village adoption towards clean, green and make in villages in various aspects.	5	Text book and Website
	Total	24	

Text Book	1.	Carson, R. 2002. Silent Spring. Houghton Mifflin Harcourt
	2.	Gadgil, M., & Guha, R.1993. This Fissured Land: An Ecological History
		of India. Univ. of California Press.
Reference	1.	Gleeson, B. and Low, N. (eds.) 1999. Global Ethics and Environment,
Books		London, Routledge.
	2.	Gleick, P.H. 1993. Water in Crisis. Pacific Institute for Studies in Dev.,
		Environment & Security. Stockholm Env. Institute, Oxford Univ. Press.
	3.	Groom, Martha J. Gary K. Meffe, and Carl Ronald carroll. 2006, Principles
		of Conservation Biology. Sunderland: Sinauer Associates.
	4.	Grumbine, R. Edward, and Pandit, M.K. 2013. Threats from India's
		Himalaya dams. Science, 339: 36-37.

Journal and Magazines	https://www.hzu.edu.in/bed/E%20V%20S.pdf
E-Resource and Websites	https://www.ugc.gov.in/oldpdf/modelcurriculum/env.pdf

Learning Methods	Chalk and Talk/ Seminar/ Assignment
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Focus of the Course Skill Development/Employability/Social Awareness and Environment	Focus of the Course	Skill Development/Employability/Social Awareness and Environment
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