

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

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)
Approved by Government of Tamil Nadu & Accredited by NAAC with A++ Grade (3rd Cycle - 3.64 CGPA)
Dr. N.G.P. - Kalapatti Road, Coimbatore – 641 048, Tamil Nadu, India
Web: www.drngpasc.ac.in | Email: info@drngpasc.ac.in | Phone: +91-422-2369100

REGULATIONS 2024-25 for Under Graduate Programme (Outcome Based Education model with Choice Based Credit system)

B.Com (CA) Degree

(For the students admitted during the academic year 2024-25 and onwards)

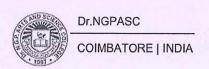
PROGRAMME: B.Com (CA)

Eligibility: A pass in Higher Secondary Examination with any academic stream or vocational stream as one of the subjects 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 in Computer Applications degree examinations of this college after a course of study of three academic years.

PROGRAMME EDUCATIONAL OBJECTIVES

The Curriculum is designed with the following objectives:

- To provide conceptual knowledge and application skills in the domain of Commerce along with Computer Applications.
- To equip the students with problem solving skills in the real business environment through Industrial training, case studies and projects.
- To enable students to apply computer skills in a globalized environment through effective training with IT tools.
- To empower students to develop the skills and knowledge necessary to thrive in competitive job markets and secure fulfilling careers.
- To cultivate highly skilled manpower for diverse business fields including Banking,
 Accounting, Marketing, Taxation, and more.



PROGRAMME OUTCOMES

On the successful completion of the program, students will/will be:

PO Number	PO Statement
PO1	Possess a strong foundational knowledge in commerce-oriented disciplines and enhanced designing, development and application skills on various business operations.
PO2	Develop intellectual, personal and societal skills that are highly esteemed in present day business organizations along with ethical values and environmental concern.
PO3	Emerge as proficient individuals capable of perceiving higher studies and other professional programmes.
DO4	Empowered with essential competencies, an innovative mind and effective decision-making skills.
PO5	Demonstrate analytical and creative approach to business issues and exhibit independent judgment and critical thinking.

Credit distribution for Part I to Part V for Two Semesters Language:

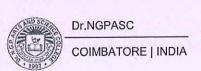
Part	Subjects	No. of Papers	Credit	Semester No.
I (12 Credits)	Tamil / Hindi / French/Malayalam	4	4 x 3 = 12	I, II, III & IV
II (12 Credits)	English	4	4 x 3 = 12	I, II, III & IV
	Core (Credits 3)	2	$2 \times 3 = 6$	I to VI
	Core (Credits 4)	15	$15 \times 4 = 60$	I to VI
III	Core Practical (Credits 2)	2	$2 \times 2 = 4$	I & II
(108	Inter Departmental Course (IDC)	4	$4 \times 4 = 16$	I to IV
Credits)	Discipline Specific Elective (DSE)	3	3 x 4 =12	V & VI
	Skill Enhancement Course (SEC)	4	$4 \times 2 = 8$	III to VI
	Internship	1	1 x 2 =2	V
F 60	Environmental Studies (AECC)	1	1 x 2 = 2	I
IV (8	Basic Tamil/ Advance Tamil/Human Rights and Women's Rights (AECC)	1	1 x 2 =2	II
Credits)	Generic Elective (GE)	1	1 x 2 =2	V
	Innovation and IPR/ Innovation, IPR and Entrepreneurship (AECC)	1	1 x 2 =2	VI
V (2 Credits)	NSS/NCC/YRC/RRC/Yoga/ Sports/Clubs		1 x 2 =2	I to II
	Total Credits		142	

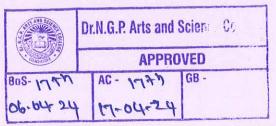
CURRICULUM

B.Com CA

	Course	Course Name	L	Т	D	Instru Ho		Exam	M	ax Ma	irks	Credits
Course Code	Category	Course Name	Г	1	r	Week	Total	(hours)	CIA	ESE	Total	Creates
First Semester					U T							
Part-I											333	
24TLU1TA	ar ta	Tamil-I				N.			25	75	100	
24TLU1HA		Hindi-I					60		25	75	100	2
24TLU1MA	-Language- I	Malayalam-I	4	1	-	5	60	3	25	75	100	3
24TLU1FA		French-I					y e	ALL TO B	25	75	100	
Part-II			115				cal s				101	
24ELU1EA	Language-II	English - I	4	-	1	5	60	3	25	75	100	3
Part-III					5,0			paleu sui				
24PAU1CA	Core-I	Financial Accounting	5	1	-	6	72	3	25	75	100	4
24CIU1CA	Core-II	Principles of Management	4	-	-	4	48	3	25	75	100	4
24CMU1CP	Core-III Practical	Business Analytics with Spreadsheets	-	-	4	4	48	3	40	60	100	2
24MTU1IA	IDC-I	Business Mathematics	4	-	-	4	48	3	25	75	100	4
Part-IV							1 12 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
24MBU1AA	AECC-I	Environmental Studies	2	-	-	2	24	3	50		50	2
Part-V			1 3									
24CMU1XA	Extension Activity	NSS/NCC/YRC/RRC/ Yoga/Sports/Clubs	-			-	-	-	50	-	50	1
	Tot	al	23	2	5	30	360	1-0	-		700	23

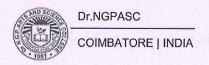
Bos Chairman/HoD
Department of Commerce (CA)
Dr. N. G.-P. Arts and Science College
Coimbatore – 641 048







Course Code	Course	Course Name	I	r	P	Ho	uction urs	Exam	M	Iax Ma	arks	Credits
- 1 1 m	Category	Course Hame	•	1			Total	(hours)	CIA	ESE	Total	Credits
Second Seme	ster										10-318	
Part-I												
24TLU2TA	Tall	Tamil-II	2						25	75	100	
24TLU2HA		Hindi-II							25	75	100	THE STATE OF
24TLU2MA	Language- I	Malayalam-II	4	1	-	5	60	3	25	75	100	3
24TLU2FA		French-II							25	75	100	a.to a tric
Part-II												- O-ing
24ELU2EA	Language-II	English - II	4	-	1	5	60	3	25	75	100	3
Part-III										310.		10-30
24CRU2CA	Core-IV	Business Law	4	-	-	4	48	3	25	75	100	4
24BPU2CA	Core-V	Advanced Financial Accounting	5	1	-	6	72	3	25	75	100	4
24CMU2CP	Core-VI Practical	Research Analytics with Spreadsheets	-	-	4	4	48	3	40	60	100	2
24MTU2IA	IDC-II	Business Statistics	4	-	-	4	48	3	25	75	100	4
Part-IV							i un	ra urigi				
24TLU2AA/ 24TLU2AB/ 24CRU2AA	AECC-II	Basic Tamil / Advanced Tamil / Human Rights and Women's Rights	2			2	24	3	50		50	2
Part-V												-1
	Extension Activity	NSS/NCC/YRC/RRC/ Yoga/Sports/Clubs	-		-	-	-	-	50		50	1
	Tota	1	23	2	5	30	360		-x12	-	700	23



Course Code	Course	Course Name	L	т	P	Instru Ho		Exam	M	lax Ma	arks	Credits
Course Code	Category	Course Name	L	1	P	Week	Total	(hours)	CIA	ESE	Total	
Third Semeste	er											
Part-I												F-prop
24TLU3TA		Tamil-III					7-7		25	75	100	
24TLU3HA		Hindi-III	3			4	48	men g	25	75	100	outroles -
24TLU3MA	Language- I	Malayalam-III		1	-			3	25	75	100	3
24TLU3FA		French-III						Destant and	25	75	100	en grait
Part-II												II-vi
24ELU3EA	Language-II	English - III	4	-	1	4	48	3	25	75	100	3
Part-III												N-W
24CMU3CA	Core-VII	Cost Accounting	5	-	-	5	60	3	25	75	100	4
24CMU3CB	Core-VIII	Problem Solving and Programming with C++	5	-	-	5	60	3	25	75	100	4
24BIU3CB	Core-IX	Company Law	4	-	-	4	48	3	25	75	100	4
24COU3IA	IDC-III	Business Economics	4	-	-	4	48	3	25	75	100	4
24CMU3SP	SEC Practical-I	Programming in C++	-	16	4	4	48	3	40	60	100	2
	Tot	al	25	1	4	30	360	The File		L.	700	24

Course Code	Course	Course Name	L	T	P	1	uction urs	Exam (hours)	Max Marks			Credits
Course Cour	Category					Week	Total		CIA	ESE	Total	Credit
Fourth Semes	ter											
Part-I												
24TLU4TA		Tamil-IV							25	75	100	Aug.
24TLU4HA		Hindi-IV				4			25	75	100	
24TLU4MA	Language- I	Malayalam-IV	3	3 1	-		48	3	25	75	100	3
24TLU4FA		French-IV				a -7 T			25	75	100	he ye. Hilah e
Part-II					F.							
24ELU4EA	Language-II	English - IV	4	-	-	4	48	3	25	75	100	3
Part-III							1 1					
24PAU4CA	Core-X	Corporate Accounting	5	1	-	6	72	3	25	75	100	4
24CMU4CA	Core-XI	Database Management System	5	-	-	5	60	3	25	75	100	4
24COU4CB	Core-XII	Entrepreneurial Development	3	-	-	3	36	3	25	75	100	3
24CSU4IC	IDC-IV	Smart Banking Technologies	4	-	-	4	48	3	25	75	100	4
24CMU4SP	SEC Practical-II	Database Management System	-	-	4	4	48	3	40	60	100	2
	Tota	al	24	2	4	30	360	-	-	-	700	23

Course Code	Course	Course Name	L	T	P	Instru Ho		Exam	M	ax Ma	ırks	Credits			
Course Code	Category	Course tvante		1	F	Week	Total	(hours)	CIA	ESE	Total	Creuns			
Fifth Semester	r														
Part-III												1			
24CMU5CA	Core-XIII	Auditing and Corporate Governance	5	1	-	6	72	3	25	75	100	4			
24ATU5CA	Core-XIV	Income Tax Law and Practice	5	1		6	72	3	25	75	100	4			
24COU4CB	Core-XV	Research Methodology	4	-	-	4	48	3	25	75	100	4			
24CMU5CB	Core-XVI	Programming with Visual Basic.NET	4	-	_	4	48	3	25	75	100	4			
24CMU5DA		Financial Management													
24CIU5DA	DSE-I	E-Business Technology	4			4	48	3	25	75	100	4			
24BAU5DA	DSE-I	Service Marketing	4	-	-		-	-	4	40	3	23	/5	100	4
24COU5DA		Human Resource Management													
24CMU5TA	IT	Industrial Training	-	1	1	_		3	25	75	100	2			
24CMU5SP	SEC Practical-III	Programming in Visual Basic.NET		,	4	4	48	3	40	60	100	2			
	GE		2	1	•	2	24	H. 54.	-	50	50	2			
	Tot	al	24	2	4	30	360	_			750	26			

C C 1	Course	Common Name	Course Name L T P		Instru Ho		Exam	M	ax Ma	irks	Credits	
Course Code	Category	Course Name	L	1	P	Week	Total	(hours)	CIA	ESE	Total	Credits
Sixth Semester										441	C Total	
Part-III		The Sale 2005				2						
24BAU6CA	Core-XVII	Management Accounting	5	-	1	5	60	3	25	75	100	4
24CMU6CA	Core-XVIII	PHP and MySQL	3	-	-	3	36	3	25	75	100	3
24CMU6CV	Core-XIX	Project Viva Voce	-	_	8	8	96	3	40	60	100	4
24CMU6DA		Financial Markets and Services						V			(N-yai)	
24CIU6DA	D. G.D. 11	Enterprise Resource Planning	4				40	3	25	75	100	
24BAU6DA	DSE-II	Retail Marketing	4	4 -	Ī	4	48	3				4
24COU6DA		Organizational Behaviour					ja.	Xawl .				
24FIU5DA	4	Security Analysis and Portfolio Management		3			T.					
24CIU6DB	D.G.D. 111	Information Security				4	10	3	25	75	100	
24BAU6DB	DSE-III	Digital Marketing	4	-	-		48					4
24COU6DB		Industrial Relation and Labour Law		n',								
24CMU6SP	SEC Practical-IV	Programming in PHP and MySQL	-	-	4	4	48	3	40	60	100	2
Part-IV		11-12-13-14-14-14-14-14-14-14-14-14-14-14-14-14-						11:55				
24BIU6AA	AECC-III	Innovation and IPR	2	-	-	2	24	3	50	-	50	2
	Tot	al	18		12	30	360	-	-	-	650	23
	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	24CMU5DA	Financial Management
2	24CIU5DA	E-Business Technology
3	24BAU5DA	Service Marketing
4	24COU5DA	Human Resource Management

Semester VI (Elective II)

List of Elective Courses

S. No.	Course Code	Name of the Course
1	24CMU6DA	Financial Markets and Services
2	24CIU6DA	Enterprise Resource Planning
3	24BAU6DA	Retail Marketing
4	24COU6DA	Organizational Behaviour

Semester VI (Elective III)

List of Elective Courses

S. No.	Course Code	Name of the Course
1	24FIU5DA	Security Analysis and Portfolio Management
2	24CIU6DB	Information Security
3	24BAU6DB	Digital Marketing
4	24COU6DB	Industrial Relation and Labour Law

GENERIC ELECTIVE COURSES(GE)

The following are the courses offered under Generic Elective Course Semester V (GE-I)

S. No.	Course Code	Course Name
1	24CMU5GP	E-Commerce

EXTRA CREDITCOURSES

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

S. No.	Course Code	Course Name
1	24CMUSSA	Business Ethics
2	24CMUSSB	Cyber Security and Cyber Law

CERTIFICATE PROGRAMMES

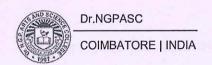
The following are the programme offered to earn extra credits:

S. No.	Course Code	Course Name
1	24CMSO1A	MS OFFICE
2	24CMSO1P	MS OFFICE - LAB

MOOC (NPTEL /SWAYAM/SPOKEN TUTORIAL)

The following are the online courses offered: Please refer the following link to select the courses

- www.swayam.org
- www.nptel.org
- · www.spoken-tutorial.org



			Semester – I				SON WALL O
			TAMIL - I				
Semester	Course Code	Course Name	Category	L	T	P	Credits
I	24TLU1TA	TAMIL - I	LANGUAGE- I	48	12	-	3

Preamble	மொழிப்பாடங்களின் வாயிலாக தமிழரின் பண்டி பகுத்தறிவு ஆகியவற்றை அறியச் செய்தல் கலை மற்றும் மரபுகளை அறியச் செய்தல் மாணவர்களின் படைப்பாக்கத்திறன்களை ஊக்கு	a watering garden for the			
Prerequis	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	சூழலியல் ஆக்கம் (Ecology)	K4			
CO5	மொழி அறிவு (Tamil knowledge)	K4			

Mapping with Program Outcomes:						
Cos / POs	PO1	PO2	PO3	PO4	PO5	
CO1			1	province of		
CO2			✓			
CO3			✓.			
CO4			1	ges tichako-nakon	daniero de	
CO5	Table		✓			

Unit	Content	Hrs	Resources
1	மறுமலர்ச்சிக் கவிதைகள்		
Water IV.	1. இலக்கிய வரலாறு -மறுமலர்ச்சிக்	Toyan a	AND RESTORED
	கவிஞர்களின்தமிழ்ப்பணிகள்	The scale	
	2. பாரததேசம்- பாரதியார்	in particular	தமிழ்மொழிப்பா
1000	3. படி - பாரதிதாசன்	13	டம்
	4. தமிழரின் பெருமை- நாமக்கல்கவிஞர்		முதற்பருவம்
	5. தமிழ்க் கொலை புரியாதீர்- புலவர் குழந்தை		2024-2025
	6. திரைத்தமிழ்	utte der	https://www.youtu
	அ) 'விஞ்ஞானத்த வளர்க்கப் போறண்டி'		be.com/watch?v=
State Section	எனத்தொடங்கும் பாடல் - உடுமலை நாராயண கவி	07 - 40	<u>Up55uhkk9zl</u>
	ஆ) 'சும்மா கிடந்த நிலத்தை' எனத்தொடங்கும்		
	பாடல் - பட்டுக்கோட்டை கல்யாண சுந்தரனார்		
	இ) 'சமரசம் உலாவும் இடமே' எனத்தொடங்கும்		
	பாடல் -மருதகாசி		
	ா) 'உன்னை அறிந்தால்' எனத்தொடங்கும் பாடல்-	I G I N	
	கண்ணதாசன்		
2	புதுக்கவிதைகள்		
300	1. இலக்கிய வரலாறு- புதுக்கவிதையின் தோற்றமும்	Many .	Manager 1
s Mile Hou	ா. இண்ணிய வேர்ஸாறு - புதுணைவிண் திருந்தது. வளர்ச்சியும்	MILE STATE	0.:00:
1	2. கடமையைச் செய்- மீரா	na i	தமிழ்மொழிப்பா டம்
1000	3. ஓடு ஓடு சங்கிலி - சிற்பி பாலசுப்பிரமணியம்	13	டம் முதற்பருவம்
			2024-2025
	4. ஒப்பிலாத சமுதாயம் - அப்துல் ரகுமான்	disabil.	https://www.youtu
	5. மரங்கள் - மு.மேத்தா		be.com/watch?v=
	6. கரிக்கிறது தாய்ப்பால் - ஆரூர் தமிழ்நாடன்		-
	7. ஐந்தாம் வகுப்பு 'அ' பிரிவு - நா. முத்துக்குமார்		dX9ZaNJMaco
	8. ஹைகூ கவிதைகள் - 10 கவிதைகள்		of universidal to
3	பெண்ணியம்		தமிழ்மொழிப <u>்</u> பா
	1. தொலைந்து போனேன் - தாமரை	10	டம்
	2. நீரில் அலையும் முகம் - அ. வெண்ணிலா		முதற்பருவம்
	3. தற்காத்தல் - பொன்மணி வைரமுத்து		2024-2025
	4. ஏனிந்த வித்தியாசங்கள் ? - மல்லிகா		https://www.youtu
	5. புதையுண்ட வாழ்க்கை - சுகந்தி சுப்ரமணியன்		be.com/watch?v=
			DLabokqWEdg
4	1.இலக்கிய வரலாறு-சிறுகதையின் தோற்றமும்		#1010010 = 101111
	வளர்ச்சியும்	14	தமிழ்மொழிப்பா டம்
	2. கனகாம்பரம்- கு.ப.ராஜகோபாலன்	· ·	டம் முதற்பருவம்
	3. கடிதம்- புதுமைப்பித்தன்		2024-2025
	4. பொம்மை - ஜெயகாந்தன்		https://www.youtu
	5. காய்ச்சமரம் - கி. ராஜநாராயணன்	ببنيد	

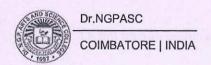
ESAN DE LES CONTRACTOR DE LA CONTRACTOR	1. வல்லின ஒற்று மிகும், மிகா இடங்கள் - ஒற்றுப்பிழை நீக்கிஎழுதுதல் 2. ர,ற-ல,ழ,ள - ண,ந,னவேறுபாடு - ஒலிப்பு நெறி, சொற்பொருள் வேறுபாடு அறிதல் ஆ. படைப்பாக்கம் 1. கவிதை- எழுதுதல் (15 வரிகள் முதல் 30 வரிகள் வரை) 2.சிறுகதை - எழுதுதல் (குறைந்தது 3 பக்கங்கள்)	10	LL的 (少தற்பருவம் 2024-2025 https://www.youtube.com /watch?v=B3wfM0QL6N8 https://www.youtube.com /watch?v=FchTlqAtwBU https://www.youtube.com /watch?v=gCP3gC-JQU4 https://www.youtube.com /watch?v=p9QOHD12Yeo
-			
Run d	1. வல்லின ஒற்று மிகும், மிகா இடங்கள் - ஒற்றுப்பிழை நீக்கிஎழுதுதல்	10	முதற்பருவம் 2024-2025
5	பயிற்சிப் பகுதி அ. இலக்கணம்		தமிழ்மொழிப்பா
	6. காட்டில் ஒருமான்- அம்பை 7.வேட்கை - சூர்யகாந்தன்		be.com/watch?v= 78u7iTN3OU8

Text book	1.	தமிழ் மொழிப்பாடம் – 2024-2025தொகுப்பு: தமிழ்த்துறை,
		டாக்டர்என்.ஜி.பி. கலைஅறிவியல்கல்லூரி, கோயம்புத்தூர் – 641048.
Reference	1.	பேராசிரியர் புலவர் சோம. இளவரசு, தமிழ் இலக்கிய வரலாறு,
Books		எட்டாம் பதிப்பு – 2024, மணிவாசகர் பதிப்பகம், சென்னை – 600 108.
BULLADE .	2.	பேராசிரியர் முனைவர் பாக்கியமேரி, முதற் பதிப்பு – 2023,
		இலக்கணம், இலக்கியவரலாறு , மொழித்திறன் – பூவேந்தன்
OFFICE CONTRACTOR		பதிப்பகம், சென்னை – 600 004.

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

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

Focus of the Course	Skill Development / Employability	
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Semester – I HINDI – I						1 100	
Semester	Course Code	Course Name	Category	L	T	P	Credits
I	24TLU1HA	HINDI – I	LANGUAGE- I	48	12		3

Preamble	The writing ability and develop reading skill	The writing ability and develop reading skill					
	The various concepts and techniques for criticizing lite	The various concepts and techniques for criticizing literature The techniques for expansion of ideas and translation process					
	The techniques for expansion of ideas and translation p						
Prerequis	ite To understand the language Hindi for communication						
Course O	utcomes (Cos)						
CO. No.	Course Outcomes (COs) Statement	Bloom's Tax anomy Knowledge Level					
CO1	Learn the fundamentals of novels and stories						
CO2	Understand the principles of translation work K3						
CO3	Expose the knowledge writing critical views on fiction K3						
CO4	Build creative ability K3						
CO5	Apply the power of creative reading K4						

Cos / POs	PO1	PO2	PO3	PO4	PO5
CO1			1	MANIS SERVICE	
CO2			· /		
CO3			1		
CO4			✓		nto interior I
CO5			√		

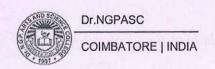
Unit	Content	Hrs	Resources
1	गद्य – नूतनगद्यसंग्रह (जयप्रकाश)पाठ१- रजियापाठ२-	13	
	मक्रीलपाठ3- बहतापानीनिर्मला	in decimal	Text Book
	पाठ४- राष्ट्रपितामहात्मागाँधी		
2	कहानीकुंज- डाँवी.पी. 'अमिताभ'(पाठ 1-4)	13	Text Book
3	व्याकरण : शब्दविचार (संज्ञा, सर्वनाम,विशेषण)	12	Text Book
4	अनुच्छेदलेखन	12	Text Book
5	अनुवादअभ्यास-III (केवलअंग्रेजीसेहिन्दीमें) (पाठ1 to 10)	10	Text Book
inta e	Total	60	Internal and the second

Text books	1.	प्रकाशकः सुमित्रप्रकाशन 204 लीलाअपार्ट्मेंट्स, 15 हेस्टिंग्सरोड'अशोकनगरइलाहाबाद- 211001
E PA	2.	प्रकाशकः गोविन्दप्रकाशनसदरबाजार, मथुराउत्तरप्रदेश-281001
	3.	पुस्तकः व्याकरण प्रदिप – रामदेवप्रकाशकः हिन्दी भवन 36 टेगोर नगर इलाहाबाद- 211024
	4.	पुस्तक: व्याकरण प्रदिप – रामदेवप्रकाशक: हिन्दी भवन 36 इलाहाबाद-211024
	5.	प्रकाशकः दक्षिण भारत प्रचार सभा चेनैई -17
Reference Books		

Journal and Magazines	
E-Resources and	
Website	

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

Development / Employability	
	Development / Employability



Semester – I MALAYALAM- I									
Semester	Course Code	Course Name	Category	L	T	P	Credits		
I	24TLU1MA	MALAYALAM- I	LANGUAGE- I	48	12	-	3		
Preamble	The writing at	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								
PRINCE A		The competency in translating simple Malayalam sentences into English and vice							
Prerequisite	To understand	the language Malaya	lam for communica	tion		T			

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	K3				
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	Mapping with Program Outcomes:						
Cos / POs	PO1	PO2	PO3	PO4	PO5		
CO1		Academ, extended	1	uleas	(Charles and Charles and Charl		
CO2		tui-legolisid	✓	Mar Te			
CO3			√				
CO4			√				
CO5			✓				

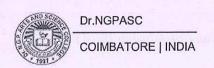
Unit	Content	Hrs	Resources
1	Novel PathummayudeAdu	14	Text book
2	Novel PathummayudeAdu	10	Text book
3	Short Story Nalinakanthi	14	Text book
4	Short Story Nalinakanthi	10	Text book
5	Practical Application Expansion of ideas, General Essay and Translation	12	Text book
	Total	60	

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

Journal and Magazines	
E-Resources and	
Website	

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



	a v netwaru		mester – I RENCH - I			I BOUNT		
Semester	Course Code	Course Name	Category	L	T	P	Credits	
I	24TLU1FA	FRENCH - I	LANGUAGE- I	48	12	-	3	
Preamble	comprehension	n & expression	nmunication skills	and a	E UA	Li mysti	Mary I	
		The students to acquire competency in translating simple French sentences into English and vice versa						
Prerequisit	e To understand	the language Fre	ench for communic	cation	1	na viy		

Course O	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	К3			
CO5	Evaluate the sentiments, life style of the French people and the usage of the conditional tense	K4			

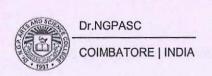
Mapping with	Program Out	comes:		Total Control	Threaten in the
Cos / POs	PO1	PO2	PO3	PO4	PO5
CO1			1		nome's
CO2			V		
CO3			1		
CO4			1	eder St	NA TONES
CO5			· ·		

Unit		Co	ontent	Hrs	Resources
1	Objectifs de Communic ation	Tâche	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 l Page 20
3	Exprimers es 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. Demanderà 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 Appl Make in Own S			10	
		Т	otal	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 an		n de sant la

and Website	The both section of the section of t	
Learning Method	Lecture/ Tutorial / Student Seminar/GD/Assignment	

Focus of the Course	Skill Development / Employability	



E-Resources

Semester – I

ENGLISH-I

Semester	Course Code	Course Name	Category	L	T	P	Credits
I	24ELU1EA	ENGLISH - I	LANGUAGE- II	48	-	12	3

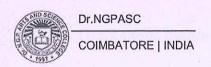
Preamble This course has been designed for students to learn and understand the effect of dialogue, imagery and varied genres any spontaneous spoken discourse and respond to them with proper structure the transactional concept of English language				
Prerequis				
Course O	utcomes (COs)			
CO Number	Course Outcomes (COs) Statement	Bloom'sTaxonomy Knowledge Level		
CO1	Identify the various aspects in poetry	K2		
CO2	Infer linguistic and non-linguistic features of the context for understanding and interpreting	К3		
CO3	Construct sentences and convey messages effectively in real life situations	К3		
CO4	Apply different reading strategies with varying speed	К3		
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			✓		J.E.
CO3			✓		
CO4			✓		
CO5			1		

Unit	Content	Hours	E-Contents / Resources
Ī	Genre Studies Mathew Arnold: Dover Beach- Author's Biography- title indications- outline- paraphrasing the poem- context of poem- form- poetic devices- enjambment- techniques— Annotations Niyi Osundare: Our Earth Will Not Die- Author's Biography- title 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 summary and Analysis- Themes- Important Quotations- Characters- Description - analysis- Terms- Symbols- Critical analysis Sheila Nayampalli Baruna: Alone - Author's Biography-narrative structure- passage analysis- insight of ideas- cohesion and context- style-	12	Text Book
II	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	Text Book
ш	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	Text Book
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	Text Book
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	12	Text Book
	Total	60	

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

Journal and Magazines	https://academic.oup.com/journals
E-Resources	https://learnenglish.britishcouncil.org/
and Website	https://www.cambridgeenglish.org/learning-english/activities-for-learners/
Learning Method	Chalk and Talk/ Assignment/Seminar/ Interactive session
	Skill Development/ Employability

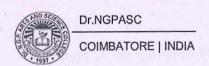


SEMESTER I FINANCIAL ACCOUNTING

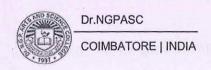
Semester	Course Code	Course Name	Category	L	T	P	Credits
I	24PAU1CA	FINANCIAL ACCOUNTING	CORE	60	12	-	4

Preamble	 This course has been designed for students to learn and understhe the basic concepts of accounting, prepare the methods of providing depreciation accounting the recording transactions relating to bills of I methods of preparation of account current an average due date. the knowledge about accounting for Consigning of recording sale or return transactions. 	e final accounts and ng. Exchange, nd find out the			
Prerequisi	Knowledge on Fundamentals of Accounting				
	tcomes (COs)				
CO Number	Course Outcomes (COs) Statement	Bloom's Taxonomy Knowledge Level			
CO1	Understand the basic knowledge about accounting and preparation of final accounts.	K1			
CO2	Know the methods of providing depreciation accounting.	K2			
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.	К3			
CO5	Acquire knowledge about accounting treatments in the books of the consignor and consignee and methods of recording sale or return transactions.	K3			

Mapping with Program Outcomes:							
COs / POs	PO1	PO2	PO3	PO4	PO5		
CO1	1	1	1	1			
CO2	1	1	might - orath	1	1		
CO3	1	FIG. BANKET	1		1		
CO4	1	✓	✓	✓	ADVINE TO S		
CO5	✓	1	1	1	discoul!		



Unit	Syllabus Content	Hours	E-Contents / Resources
I	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.	15	Text Book
	Total	72	



Note: Distribution of Marks: 80% problems and 20% theory.

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

Text Book	1.	Reddy, T.S. and Murthy, A. 2023, Financial Accounting [Second Revised Edition] Margham Publications, Chennai
Reference Books	1.	Shukla M.C Grewal T.S Gupta S.C. 2022, Advanced Accounts Volume I [Nineteenth Edition]. S.Chand & Company Pvt Ltd, New Delhi.
Agionalis	2.	Hanif., and Mukherjee, 2018, Modern Accountancy, (Volume I) [Second Edition]. Tata Mcgraw Hill Publishing Co.Ltd., Chennai.
	3.	S.N.Maheswari, Suneel K Maheswhwari and Sharad K Maheswari, 2022, Advanced Accountancy, (Volume I) [11th Edition], S Chand & Company Limited.
	4.	Pillai. R.S.N and Bagavathi, Uma.S. 2012. Fundamentals of Advanced Accounting (Volume I). [Third Revised Edition]. Sultan Chand & Company Ltd, New Delhi.

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

Learning Methods	Chalk and Talk/Assignment/Seminar/ Group Discussion		
Focus of the Course	Skill Development/ Employability/ Entrepreneurial Development/ Innovations		

		Semester - I PRINCIPLES OF MANAGEN	MENT				
Semester	Corse Code	Course Name	Category	L	T	P	Credits
I	24CIU1CA	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	Knowledge on Management

Course Ou CO Number	Course Outcomes (COs) Statement	Bloom's Taxonomy Knowledge Level		
CO1	Integrate the management principles into management practices.	K2		
CO2	Understand the planning and decision-making process in the organization.	K2		
CO3	Assess the organisational practices through proper delegation of authority and responsibility	K2		
CO4	Describe the recruitment process, motivational theory and leadership styles in the practice of management.	K2		
CO5	Understand the techniques of direction and control to summarize the report.	K3		

		nes:			
Cos / POs	PO1	PO2	PO3	PO4	PO5
CO1	(A) PROPERTY	√		() () () () () () () () () ()	1
CO2		1		1	1
CO3		· /		√	✓
CO4		1		1	1
CO5		1	/	/	1

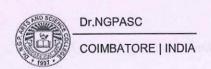
Unit	Content	Hrs	Resources
I	Introduction to Management Definition – Nature and Scope - Importance -Functions of Management – Management as an Art, Science and Profession – Scientific Management – Fayol's Principles of Management – Management By Objectives (MBO) – Management By Exception (MBE)- Organization culture and Environment — Current trends and issues in Management.	10	Text Book
II	Planning 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	10	Text Book
III	Organizing Definition - Principles - Types - Importance -Elements of Organisation Process - Line & Staff- Overcoming Line-staff conflict, Committees, Organization Structures, 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 organisation conflict	10	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. Case Study on Performance Appraisal	9	Text Book
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 – Techniques - Reporting – meaning & Definition – Principles – Techniques – Importance	9	Text Book
	Total Note: Case studies related to the above topics to be discussed (Exa	48 mined	
	Internal only)		

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

Journal and	Principles Of Management Academy of Management Journal
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
	Development/ Innovations



SEMESTER I BUSINESS ANALYTICS WITH SPREADSHEETS

Semester	Course Code	Course Name	Category	L	Т	P	Credits
I	24CMU1CP	BUSINESS ANALYTICS WITH SPREADSHEETS	CORE	-	-	48	2

Sl.No.	Content			
1	Introduction to Spreadsheet Programs in cloud format (Excel, Google Sheets, etc.)			
2	Basic Spreadsheet Operations: Data Entry, Formatting, Cell Referencing Simple Calculations and Formulas: SUM, AVERAGE, COUNT, etc.			
3	Importing Data into Spreadsheets -Data Cleaning and Transformation, Sorting Filtering Data and Data Validation Techniques.			
4	Descriptive Analytics-Summarizing Data with Descriptive Statistics (Mean, Median, Mode, Variance, Standard Deviation), PivotTables, Creating Charts and Graphs for Visualization.			
5	Prescriptive Analytics-Optimization Techniques in Spreadsheets, Decision Making with Solver Goal Seeking.			
6	Financial Analysis and Modeling -Financial Statement Analysis, Financial Modeling Techniques and Valuation Methods.			
7	Business Intelligence and Reporting with Excel-Building Reports and Dashboards in Excel Data Warehousing Concepts and its integration with Excel			
8	Advanced Excel for Business Intelligence-Functions: Using VLOOKUP and INDEX-MATCH to analyze customer demographics and preferences.			
9	Data Management and Manipulation: Importing and cleaning data from financial databases to analyze stock performance.			
10	Hedge funds and investment firms using analytics to gain an edge in the secondary market.			
11	Designing and implementing a trading strategy using Excel and historical market data.			
12	Analysis for Bull Scenario-bullish market, growth opportunities and maximizing returns.			

Semester - I IDC 1: BUSINESS MATHEMATICS

Semester	Course Code	Course Name	Category	L	T	P	Credits
Ι	24MTU1IA	BUSINESS MATHEMATICS	IDC	48	-	-	10.7

Preamble This course has been designed for students to learn and under the characteristics of different types of matrices the basic concept of sequence and series the concept of interest and annuities		erstand	
Prerequisi	te Knowledge on Basic Mathematics		
Course Ou	tcomes (COs)		
CO Number	Course Outcomes (COs) Statement	Bloom's Taxonomy Knowledge Level	
CO1	solve the linear equations through matrix theory	К3	
CO2	identify and define the types and uses of sets	K1	
CO3	recognize and apply the theory of ratios and proportions in real life	К3	
CO4	understand the basic principles of sequence and series	K2	
CO5	apply the concepts of present value and annuity in business	К3	

Mapping with Program Outcomes:					
COs / POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	व्यक्तिक व्यक्ति	✓	✓	✓
CO2	✓	1	✓	day to his Anil	
CO3	april and the	1		/	1
CO4	✓	✓	✓ ,	✓	
CO5	1		1	salian le roys	1

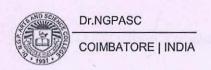
Unit	Content	Hours	E-Contents / Resources
Ĭ	Matrix and its applications to business: Matrix and its applications to business- Definitions and notations - operations - conversion of a business problem into a linear system of equations - determinant - matrix equation — methods to solve linear system: Cramer's rule - matrix inversion method.	12	Text Book
п	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
ш	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.	08	Text Book
	Fundamental counting principle- factorial- permutation-restricted permutation- circular permutations- combination - restricted combinations - division into groups — mixed problems on permutation and combination		
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.	11	Text book
	Total	48	

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

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

Learning Method	Chalk and Talk/Assignment/Seminar
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	Focus of the Course	Skill Development/Employability
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Semester – I
AECC I: ENVIRONMENTAL STUDIES

Semester	Course Code	Course Name	Category	L	T	p	Credits
I 24MBU1AA		ENVIRONMENTAL STUDIES	AECC	24	gin t gin e	-	2
Preamble	Mu Imp	been designed for students to lati-disciplinary aspects of Environtance to conserve the biodivenses of Pollution and its control	onmental stud		ini e ne sa sans i		
Prerequisite	Aware the basic	cs of environmental component	ts	4 mg 2 19	rgillo d		
Course Outco	omes (Cos)	tac utes giggin of last to delete		- kntadi	10.00		
CO Number	Course Outcon	nes (Cos) Statement			m's Ta		
CO1	To understand the importance of natural resources in order to conserve for the future K1						
CO2	To impart know conservation	vledge on Natural resources and	l its	No.		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., K4						
CO5	The state of the s	wareness about sustainable and Environmental protection		K1			

Mapping with Programme Outcomes						
Cos/POs	PO1	PO2	PO3	PO4	PO5	
CO1		to specify the		man diput di puntu	✓	
CO2					1	
CO3		ANGEN WAR		The should be	1	
CO4			1000		1	
CO5					✓	

Unit	Content	Hours	E-Contents / Resources
I	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
П	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;	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	maline a

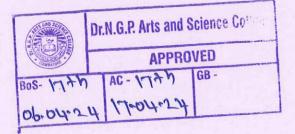
Text Book	1.	Carson, R. 2002. Silent Spring. Houghton Mifflin Harcourt
	2.	Gadgil, M., & Guha, R. 1993. This Fissured Land: An Ecological History of India. Univ. of California Press.
Reference Books	1.	Gleeson, B. and Low, N. (eds.) 1999. Global Ethics and Environment, London, Routledge.
	2.	Gleick, 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

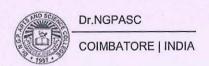
Learning Methods	Chalk and Talk/ Seminar/ Assignment

7	Focus of the Course	Skill Development/Employability/Social Awareness and Environment

BoS Chairman/HoD
Department of Commerce (CA)
Dr. N. G. P. Arts and Science College
Coimbatore – 641 048







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