



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 (3rd Cycle-3.64 CGPA)
Dr. N.G.P. - Kalapatti Road, Coimbatore-641048, Tamil Nadu, India
Web: www.drngpasc.ac.in | Email: info@drngpasc.ac.in | Phone: +91-422-2369100

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

B.Com. Commerce with Information Technology

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

Programme: B.Com. with Information Technology

Eligibility:

Candidates for admission to the first year of the Bachelor of Commerce (Information Technology) Degree Programme shall be required to have passed in the Higher Secondary Examinations conducted by the Government of Tamil Nadu in the relevant subjects or an Examination accepted as equivalent thereto by the Academic Council. Subject to such other conditions as may be prescribed there to are permitted to appear and qualify with any one of the following subjects: Accountancy/ Commerce / Computer Science / Statistics / Business Mathematics and wherever the students have not studied Accountancy, the necessary Accounts knowledge be imparted through Tutorial/ Bridge Course.

Programme Educational Objectives:

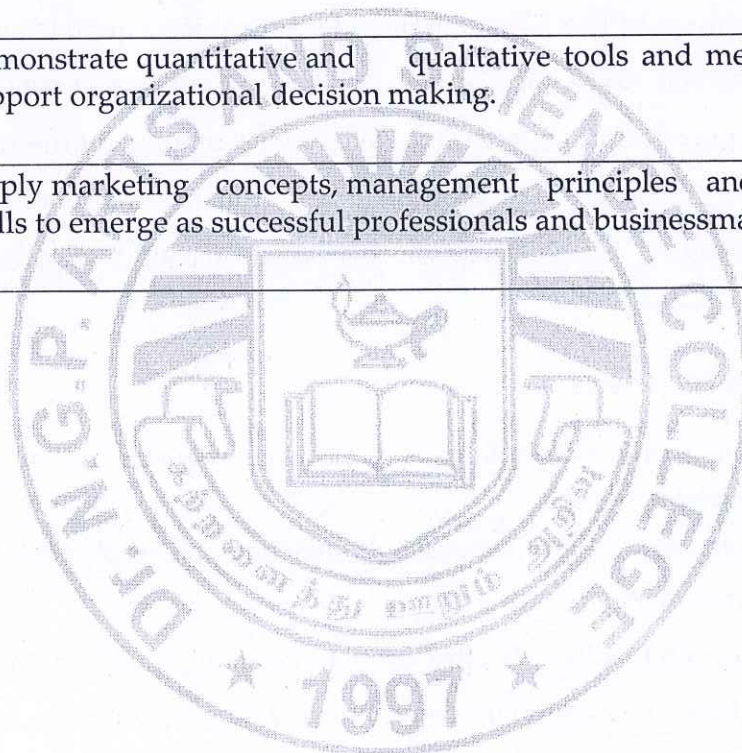
The Curriculum is designed to attain the following learning goals which students shall accomplish by the time of their graduation:

1. To demonstrate the business knowledge and apply that knowledge in problem solving.
2. To provide right skills, attitudes and values among the students by training them in practical situation in modern business organizations.
3. To understand the social and ethical dimensions in their chosen disciplinary areas.
4. To enable the students to carryout action-oriented researches in Commerce and Information Technology.
5. To enable the professional competence in the application of Information Technology (IT) in a globalized environment.
6. To understand the business implications with Information Technology.

PROGRAMME OUTCOMES:

On the successful completion of the program, the following are the expected outcomes.

PO Number	PO Statement
PO1	Apply accounting concept and methods to interpret financial statement for evaluating the financial position and performances of organization.
PO2	Design and develop software solutions for contemporary business environments by employing appropriate problem-solving strategies.
PO3	Develop the skills for web page creation, new system architecture and configuration of systems to find solutions to management issues.
PO4	Demonstrate quantitative and qualitative tools and methodologies to support organizational decision making.
PO5	Apply marketing concepts, management principles and entrepreneurial skills to emerge as successful professionals and businessman.



Credit distribution Summary

For students admitted in AY 2025-26 and onwards.

Credit distribution for all UG Programmes

Part	Subjects	No. of Papers	Credit	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
III (108 Credits)	Core (Credits 4)	15	15x4=60	I to VI
	Core (Credits 3)	02	2x3 = 06	I to VI
	Core (Credits 2)	02	2 X 2 = 04	I & II
	Inter Departmental Course (IDC)	4	4x4=16	I to IV
	Discipline Specific Elective (DSE)	3	3 x 4 =12	V & VI
	Skill Enhancement Course (SEC) (Embedded)	2	2 x 4 = 8	III to VI
	Industrial Training	1	2	V
IV (8 Credits)	Environmental Studies (AECC)	1	2	I
	Basic Tamil/Advance Tamil/Human Rights, & Women's Rights, (AECC)	1	2	II
	Innovation & IPR/ Innovation, IPR & Entrepreneurship (AECC)	1	2	VI
	Generic Elective (GE)	1	2 x 1 =2	V
V (2 Credits)	Extension Activity NSS/NCC/YRC/RRC/Yoga/Sports/ Health and Wellness	-	2	I - II
TOTAL CREDITS			142	

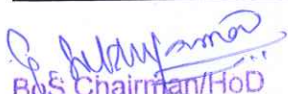
CURRICULUM

B.Com Information Technology
A.Y:25-26

Course Code	Course Category	Course Name	L	T	P	Instruction Hours		Exam (h)	Max Marks			Credits
						Week	Total		CIA	ESE	Total	
First Semester												
Part - I												
25TLU1TA	Language - I	Tamil-I	4	1	-	5	60	3	25	75	100	3
25TLU1HA		Hindi-I				5	60					
25TLU1MA		Malayalam-I				5	60					
25TLU1FA		French - I				5	60					
Part - II												
25ELU1EA	Language - II	English-I	4	-	1	5	60	3	25	75	100	3
Part - III												
25COU1CA	Core-I	Financial Accounting	5	1	-	6	72	3	25	75	100	4
25CIU1CA	Core-II	Principles of Management	4	-	-	4	48	3	25	75	100	4
25COU1IA	IDC	Business Economics	4	-	-	4	48	3	25	75	100	4
25CIU1CP	Core Practical-I	Spreadsheet Applications	-	-	4	4	48	3	40	60	100	2
Part - IV												
25MBU1AA	AECC-I	Environmental Studies	2	-	-	2	24	-	50	-	50	2
Part - V												
25CIU1XA	Extension Activity	NSS/NCC/YRC/RRC/Yoga/Sports/Club	-	-	-	-	-	-	50	-	50	1
Total						30	360				700	23

G. Babu Ramana
 BoS Chairman/HoD
 Department of Commerce (IT)
 Dr. N. G. P. Arts and Science College
 Coimbatore - 641 048

Course Code	Course Category	Course Name	L	T	P	Instruction Hours		Exam (h)	Max Marks		Credits		
						Week	Total		CIA	ESE	Total		
Second Semester													
Part - I													
25TLU2TA	Language - II	Tamil-II	4	1	-	5	60	3	25	75	100	3	
25TLU2HA		Hindi-II				5	60						
25TLU2MA		Malayalam-II				5	60						
25TLU2FA		French - II				5	60						
Part - II													
25ELU2EA	Language - II	English-II	4	-	1	5	60	3	25	75	100	3	
Part - III													
25BPU2CA	Core-III	Advanced Financial Accounting	5	1	-	6	72	3	25	75	100	4	
25CIU2CA	Core-IV	Fundamentals of Information Technology	4	-	-	4	48	3	25	75	100	4	
25CIU2CP	Core Practical-II	Accounting Software	-	-	4	4	48	3	40	60	100	2	
25BMU2IA	IDC -II	Entrepreneurship and Project Management	4	-	-	4	48	3	25	75	100	4	
Part - IV													
25TLU2AA	AECC-II	Basic Tamil	2	-	-	2	24	-	50	-	50	2	
25TLU2AB		Advanced Tamil											
25CRU2AA		Human Rights and Women's Rights											
Part - V													
25CIU2XA	Extension Activity	NSS/NCC/YRC/RRC/Yoga/Sports/Club/ Health and Wellness	-	-	-	-	-	-	50	-	50	1	
Total						30	360				700	23	


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B.Com. IT Students admitted during A.Y 2025-26

Course Code	Course Category	Course Name	L	T	P	Instruction Hours		Exam (h)	Max Marks			Credits
						Week	Total			CIA	ESE	
Third Semester												
Part - I												
25TLU3TA	Language - I	Tamil-III	3	1	-	4	48	3	25	75	100	3
25TLU3HA		Hindi-III				4	48					
25TLU3MA		Malayalam-III				4	48					
25TLU3FA		French - III				4	48					
Part - II												
25ELU3EA	Language - II	English- III	3	1	-	4	48	3	25	75	100	3
Part - III												
25CMU3CA	Core V	Cost Accounting	5	-	-	5	60	3	25	75	100	4
25BIU3CB	Core - VI	Company Law	4	-	-	4	48	3	25	75	100	4
25CIU3CA	Core - VII	Python Programming	5	-	-	5	60	3	25	75	100	4
25MTU3IA	IDC - III	Business Mathametics	4	-	-	4	48	3	25	75	100	4
25CIU3SP	SEC - I	Python Programming	-	-	4	4	48	3	40	60	100	2
Total						30	360				700	24

Course Code	Course Category	Course Name	L	T	P	Instruction Hours		Exam (h)	Max Marks			Credits
						Week	Total		CIA	ESE	Total	
Fourth Semester												
Part – I												
25TLU4TA	Language – I	Tamil-IV	3	1	-	4	48	3	25	75	100	3
25TLU4HA		Hindi-IV				4	48					
25TLU4MA		Malayalam-IV				4	48					
25TLU4FA		French – IV				4	48					
Part – II												
25ELU4EA	Language – II	English –IV	3	1	-	4	48	3	25	75	100	3
Part – III												
25CRU4CA	Core - VIII	Corporate Accounting	5	1	-	6	72	3	25	75	100	4
25CIU4CA	Core – IX	Banking Law and Practice	4	-	-	4	48	3	25	75	100	3
25CIU4CB	Core – X	VB.Net with SQL	4	-	-	4	48	3	25	75	100	4
25MTU4IA	IDC - IV	Business Statistics	4	-	-	4	48	3	25	75	100	4
25CIU4SP	SEC-II	VB.Net with SQL	-	-	2	4	48	3	40	60	100	2
Total						30	360				700	23

Course Code	Course Category	Course Name	L	T	P	Instruction Hours		Exam (h)	Max Marks			Credits
						Week	Total		CIA	ESE	Total	
Fifth Semester												
		Part-III										
25CIU5CA	Core – XI	Management Accounting	5	1	-	6	72	3	25	75	100	4
25ATU5CA	Core – XII	Income Tax Law and Practice	5	1	-	6	72	3	25	75	100	4
25COU5CB	Core – XIII	Research Methodology	4	-	-	4	48	3	25	75	100	4
25CIU5CB	Core – XIV	Web Development and PHP Programming	4	-	-	4	48	3	25	75	100	3
25CIU5SP	SEC – III	Web Development and PHP Programming	-	-	4	4	48	3	40	60	100	2
25CMU5DA	DSE-I	Financial Management	4	-	-	4	48	3	25	75	100	4
25CIU5DA		E-Business Technology										
25COU5DA		Human Resource Management										
25BAU5DA		Service Marketing										
25CIU5TA	IT	Industrial Training	-	-	-	-	-	3	40	60	100	2
		Part-IV										
	GE			-	-	2	24	3	50	-	50	2
Total						30	360				750	25

Course Code	Course Category	Course Name	L	T	P	Instruction Hours		Exam (h)	Max Marks			Credits	
						Week	Total		CIA	ESE	Total		
Sixth Semester													
Part-III													
25ATU6CA	Core - XV	Business Taxation	4	-	-	4	48	3	25	75	100	4	
25CIU6CV	Core -XVI	Project	-	-	8	8	96	3	40	60	100	4	
25CIU6CA	Core -XVII	Data Visulisation	4	-	-	4	48	3	25	75	100	4	
25CIU6SP	SEC-IV	Data Visulisation			4	4	48	3	40	60	100	2	
25CMU6DA	DSE-II	Investment Management	4	-	-	4	48	3	25	75	100	4	
25CIU6DA		Enterprise Resource Planning				4	48						
25COU6DA		Organizational Behaviour				4	48						
25BIU6DA		Retail Marketing				4	48						
25CMU6DB	DSE-III	Security Analysis and Portfolio Management	4	-	-	4	48	3	25	75	100	4	
25CIU6DB		Fundamentals of Information Security				4	48						
25COU6DB		Industrial Relations and Labour Law				4	48						
25BAU6DB		Social Media Marketing				4	48						
Part - IV													
25BIU6AA	AECC-III	Innovation and IPR	2	-	-	2	24	3	50	-	50	2	
Total													
											650	24	
*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	25CIU5DA	E-Business Technology
3	25COU5DA	Human Resource Management
4	25BAU5DA	Service Marketing

Semester VI (Elective II)

List of Elective Courses

S.No.	Course Code	Name of the Course
1	25CMU6DA	Investment Management
2	25CIU6DA	Enterprise Resource Planning
3	25COU6DA	Organizational Behavior
4	25BIU6DA	Retail Marketing

Semester VI (Elective III)

List of Elective Courses

S.No.	Course Code	Name of the Course
1	25CMU6DB	Security Analysis and Portfolio Management
2	25CIU6DB	Fundamentals of Information Security
3	25COU6DB	Industrial Relations and Labour Law
4	25BAU6DB	Social Marketing

GENERIC ELECTIVE COURSE (GE)

The following are the course offered under Generic Elective Course Semester V

S.No.	Course Code	Course Name
1	25CIU5GP	Digital Marketing

EXTRA CREDIT COURSES

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

S.No.	Course Code	Course Name
1	25CIUSSA	Life Insurance Principles and Practice
2	25CIUSSB	Data Analytics

Certificate Programme

S.No.	Course Code	Course Name
1	25CIU5SM	Multimedia and Animation

Semester – I							
LANGUAGE – I: TAMIL - I							
Semester	Course Code	Course Name	Category	L	T	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 Outcomes (Cos)		
CO. No.	Course Outcomes (COs) Statement	Bloom's Taxonomy Knowledge Level
CO1	வாழ்க்கைத்திறன்கள் (Life Skills)- மாணவர்களின் செயலாக்கத்திறனை ஊக்குவித்தல்	K2
CO2	மதிப்புக்கல்வி (Attitude and Value education)	K3
CO3	பாடஇணைச்செயல்பாடுகள் (Co-curricular activities)	K3
CO4	சூழலியல் ஆக்கம் (Ecology)	K4
CO5	மொழி அறிவு (Tamil knowledge)	K4

Mapping with Program Outcomes:					
Cos / POs	PO1	PO2	PO3	PO4	PO5
CO1		✓	✓		✓
CO2	✓			✓	
CO3		✓			✓
CO4			✓		
CO5	✓			✓	✓

25TLU1TA	TAMIL - I
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Syllabus

Unit	Content	Hrs	Resources
1	<p>மறுமலர்ச்சிக் கவிதைகள்</p> <ol style="list-style-type: none"> இலக்கிய வரலாறு - மறுமலர்ச்சிக் கவிஞர்களின் தமிழ்ப்பணிகள் பாரததேசம்- பாரதியார் படி - பாரதிதாசன் தமிழரின் பெருமை- நாமக்கல் கவிஞர் தமிழ்க் கொலை புரியாதீர் - புலவர் குழந்தை திரைத்தமிழ் <p>அ) 'விஞ்ஞானத்த வளர்க்கப் போறண்டி' எனத் தொடங்கும் பாடல் - உடுமலை நாராயண கவி</p> <p>ஆ) 'சும்மா கிடந்த நிலத்தை' எனத் தொடங்கும் பாடல் - பட்டுக்கோட்டை கல்யாண சுந்தரனார்</p> <p>இ) 'சமரசம் உலாவும் இடமே' எனத் தொடங்கும் பாடல் - மருதகாசி</p> <p>ஈ) 'உன்னை அறிந்தால்' எனத் தொடங்கும் பாடல் - கண்ணதாசன்</p>	13	<p>தமிழ்மொழிப்பாடம் முதற்பருவம் 2025-2026</p> <p>https://www.youtube.com/watch?v=Up55uhkk9z</p> <p>!</p>
2	<p>புதுக்கவிதைகள்</p> <ol style="list-style-type: none"> இலக்கிய வரலாறு - புதுக்கவிதையின் தோற்றமும் வளர்ச்சியும் கடமையைச் செய் - மீரா ஓடு ஓடு சங்கிலி - சிற்பி பாலசுப்பிரமணியம் ஓப்பிலாத சமுதாயம் - அப்துல் ரகுமான் மரங்கள் - மு.மேத்தா கறிக்கிறது தாய்ப்பால் - ஆரூர் தமிழ்நாடன் ஐந்தாம் வகுப்பு 'அ' பிரிவு - நா. முத்துக்குமார் ஹைகூ கவிதைகள் - 10 கவிதைகள் 	13	<p>தமிழ்மொழிப்பாடம் முதற்பருவம் 2025-2026</p> <p>https://www.youtube.com/watch?v=dX9ZaNJMa</p> <p>co</p>
3	<p>பெண்ணியம்</p> <ol style="list-style-type: none"> தொலைந்து போனேன் - தாமரை நீரில் அலையும் முகம் - அ. வெண்ணிலா தற்காத்தல் - பொன்மணி வைரமுத்து ஏனிந்த வித்தியாசங்கள்? - மல்லிகா புதையுண்ட வாழ்க்கை - சுகந்தி சுப்ரமணியன் 	10	<p>தமிழ்மொழிப்பாடம் முதற்பருவம் 2025-2026</p> <p>https://www.youtube.com/watch?v=DLaBokqWE</p> <p>dg</p>
4	<p>சிறுகதைகள்</p> <ol style="list-style-type: none"> இலக்கிய வரலாறு - சிறுகதையின் தோற்றமும் வளர்ச்சியும் கனகாம்பரம் - கு.ப.ராஜகோபாலன் கடிதம்- புதுமைப்பித்தன் பொம்மை - ஜெயகாந்தன் காய்ச்சமரம் - கி. ராஜநாராயணன் காட்டில் ஒருமான் - அம்பை வேட்கை - சூர்யகாந்தன் 	14	<p>தமிழ்மொழிப்பாடம் முதற்பருவம் 2025-2026</p> <p>https://www.youtube.com/watch?v=78u7iTN3O</p> <p>U8</p>

5	<p>பயிற்சிப் பகுதி</p> <p>அ. இலக்கணம்</p> <p>1. வல்லின ஒற்று மிகும், மிகா இடங்கள் - ஒற்றுப்பிழை நீக்கி எழுதுதல்</p> <p>2. ர,ற-ல,ழ,ள - ண,ந,ன வேறுபாடு - ஒலிப்பு நெறி, சொற்பொருள் வேறுபாடு அறிதல்</p> <p>ஆ. படைப்பாக்கம்</p> <p>1. கவிதை- எழுதுதல் (15 வரிகள் முதல் 30 வரிகள் வரை)</p> <p>2. சிறுகதை - எழுதுதல் (குறைந்தது 3 பக்கங்கள்)</p>	10	<p>தமிழ்மொழிப்பாடம் முதற்பருவம் 2025-2026</p> <p>https://www.youtube.com/watch?v=B3wfm0QL6N8</p> <p>https://www.youtube.com/watch?v=FchTlqAtwBU</p> <p>https://www.youtube.com/watch?v=gCP3gC-JQU4</p> <p>https://www.youtube.com/watch?v=p9QOHD12Yeo</p>
	Total	60	

Text book	1.	தமிழ் மொழிப்பாடம் - 2025-2026 தொகுப்பு: தமிழ்த்துறை, டாக்டர் என். ஜி. பி. கலை அறிவியல் கல்லூரி, கோயம்புத்தூர் - 641048.
Reference Books	1.	பேராசிரியர் புலவர் சோம. இளவரசு, தமிழ் இலக்கிய வரலாறு, 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
Focus of the Course	Skill Development / Employability

Semester – I							
LANGUAGE –I: HINDI – I							
Semester	Course Code	Course Name	Category	L	T	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 Outcomes (Cos)		
CO.No.	Course Outcomes (COs) Statement	Bloom's Taxonomy 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	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		✓	✓		✓
CO2	✓			✓	
CO3		✓			✓
CO4			✓		
CO5	✓			✓	✓

25TLU1HA

HINDI – I

Syllabus

Unit	Content	Hrs	Resources
1	गद्य – नूतन गद्य संग्रह (जयप्रकाश) पाठ1- रजिया पाठ, 2- मक्रील पाठ 3- बहता पानी निर्मला पाठ4- राष्ट्रपिता महात्मा गाँधी	13	Text Book
2	कहानी कुंज- डॉ 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.	प्रकाशक: सुमित्र प्रकाशन 204 लीला अपार्टमेंट्स, 15 हेस्टिंग्स रोड अशोक नगर इलाहाबाद-211001
	2.	प्रकाशक: गोविन्द प्रकाशन सदर बाजार, मथुरा उत्तरप्रदेश-281001
	3.	पुस्तक: व्याकरण प्रदिप – रामदेव प्रकाशक: हिन्दी भवन 36 टैगोर नगर इलाहाबाद-211024
	4.	पुस्तक: व्याकरण प्रदिप – रामदेव प्रकाशक: हिन्दी भवन 36 इलाहाबाद-211024
	5.	प्रकाशक: दक्षिण भारत प्रचार सभा चेन्नई -17
Reference Books		

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
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Semester – I							
MALAYALAM- I							
Semester	Course Code	Course Name	Category	L	T	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 Taxonomy 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	K3
CO4	Apply creative ability	K3
CO5	Build the power of creative reading	K4

Mapping with Program Outcomes:					
Cos / POs	PO1	PO2	PO3	PO4	PO5
CO1		✓	✓		✓
CO2	✓			✓	
CO3		✓			✓
CO4			✓		
CO5	✓			✓	✓

25TLU1MA

MALAYALAM- I

Syllabus

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
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Semester – I FRENCH - 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 Taxonomy Knowledge Level
CO1	Learn the Basic verbs, numbers and accents	K2
CO2	Apply the adjectives and the classroom environment in France	K3
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 Outcomes:					
Cos / POs	PO1	PO2	PO3	PO4	PO5
CO1		✓	✓		✓
CO2	✓			✓	
CO3		✓			✓
CO4			✓		
CO5	✓			✓	✓

25TLU1FA

FRENCH - I

Syllabus

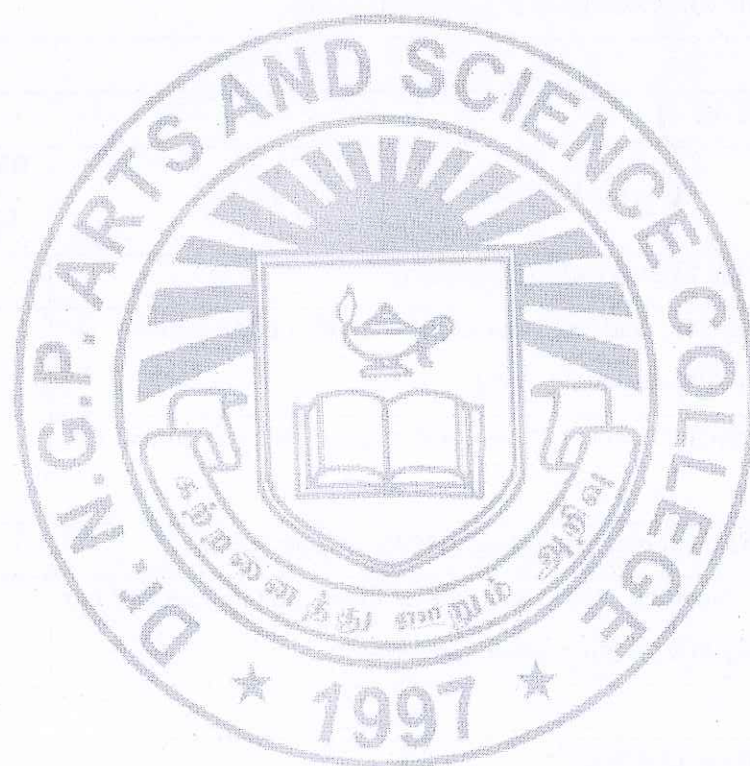
Unit	Content			Hrs	Resources
1	Objectifs de Communication <ul style="list-style-type: none"> • Saluer • Enter en contact • avec quelqu'un. • Se présenter. • S'excuser 	Tâche En cours de cuisine, premiers contacts avec les membres d'un groupe	Activités de réception et de production orale <ul style="list-style-type: none"> • Comprendre des personnes qui se saluent. • Échanger pour entrer en contact, se présenter, saluer, s'excuser. • Communiquer avec <i>tu</i> ou <i>vous</i>. • Comprendre les consignes de classe • Épeler son nom et son prénom. Computer jusqu'à 10.	14	Text book Salut I Page 10
2	<ul style="list-style-type: none"> • Demander de se présenter. • Présenter quelqu'un • . 	Dans la classe de français, se présenter et remplir une fiche pour le professeur.	<ul style="list-style-type: none"> • Comprendre les informations essentielles dans un échange en milieu professionnel. Échanger pour se présenter et présenter quelqu'un.	12	Text book Enchanté I Page 20
3	<ul style="list-style-type: none"> • Exprimer ses goûts. 	Dans un café, participer à une soirée de rencontres rapides et remplir de tâches d'appréciation	<ul style="list-style-type: none"> • Dans une soirée de rencontres rapides comprendre des personnes qui échangent sur elles et sur leurs goûts • Comprendre une personne qui parle 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 passées. 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. <ul style="list-style-type: none"> • Imaginer et raconter au passé à partir de situations dessinées. 	10	Text book Autoévaluation du module I Page 40 – Préparation au DELF A1 page 42 Tu veux bien page 46
5	Practical Application Make in Own Sentences			10	-
	Total			60	

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

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
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SEMESTER – I LANGUAGE II: ENGLISH – I							
Semester	Course Code	Course Name	Category	L	T	P	Credits
I	25ELU1EA	ENGLISH - I	LANGUAGE- II	48	-	12	3

Preamble	<p>This course has been designed for students to learn and understand</p> <ul style="list-style-type: none"> 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 Outcomes (Cos)		
CO Number	Course Outcomes (COs) Statement	Bloom's Taxonomy 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
CO3	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.	K3

Mapping with Program Outcomes:					
Cos / POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓		
CO2		✓	✓		
CO3	✓		✓	✓	✓
CO4		✓		✓	
CO5	✓		✓		✓

25ELU1EA	LANGUAGE II: ENGLISH – I
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Syllabus

Unit	Content	Hrs	Resources
I	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- language techniques.	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	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	12	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
	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/wpcontent/uploads/2017/04/1_pdfsam_A-famed-life-full-with-title-page.pdf
	5.	Nation, I. S. P and Jonathan Newton. 2009. <i>Teaching ESL/EFL Listening and Speaking</i> . Routledge, New York, United States of America.
	6.	Prabha, Dr. R. Vithya & S. Nithya Devi. 2019. <i>Sparkle</i> . (1 st Edn.) McGraw - Hill Education, Chennai, India.
Reference Books	1.	Rudzka, Brygida -Ostyn, 2003. <i>Word Power: Phrasal Verbs and Compounds: A Cognitive Approach</i> , Mouton de Gruyter, New York, United States of America.
	2.	Swales, John M. & Feak, Christine B. 2012. <i>Academic Writing for Graduate Students: Essential Tasks and Skills</i> , University of Michigan Press, Michigan, United States of America.
	3.	Sen, Leena. 2007. <i>Communication Skills</i> , Second Edition, Prentice Hall India Learning Private Limited, New Delhi, India.
	4.	O. Greene, John. 2021. <i>Essentials of Communication Skill and Skill Enhancement: A Primer for Students and Professionals</i> , Routledge publishers, United Kingdom.

Journal and Magazines	https://academic.oup.com/journals
E-Resources and Website	https://learnenglish.britishcouncil.org/ 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
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Semester - I CORE I: FINANCIAL ACCOUNTING							
Semester	Course Code	Course Name	Category	L	T	P	Credits
I	25COU1CA	FINANCIAL ACCOUNTING	CORE	60	12	-	4

Preamble	<p>This course has been designed for students to learn and understand</p> <ul style="list-style-type: none"> 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 Outcomes (Cos)		
CO Number	Course Outcomes (COs) Statement	Bloom's Taxonomy Knowledge Level
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.	K3
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	✓	✓	✓	✓	
CO2	✓	✓		✓	✓
CO3	✓		✓		✓
CO4	✓	✓	✓	✓	
CO5	✓	✓	✓	✓	

25COU1CA	FINANCIAL ACCOUNTING
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Syllabus

Unit	Content	Hrs	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.	Jain, S.P., and Narang, K.L 2021, Advanced Accountancy - Principles of 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 Nineteenth Edition, S. Chand & Company Pvt Ltd, New Delhi.
Reference Books	1.	Reddy,T.S. and Murthy,A. 2023, Financial Accounting, Second Revised Edition, Margham Publications, Chennai.
	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, New Delhi.
	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 Method	Chalk and Talk/Assignment/Seminar/ Group Discussion
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Focus of the Course	Skill Development/ Development/ Innovations.	Employability/	Entrepreneurial
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Semester – I CORE II: PRINCIPLES OF MANAGEMENT							
Semester	Course Code	Course Name	Category	L	T	P	Credits
I	25CIU1CA	PRINCIPLES OF MANAGEMENT	CORE	48	-	-	4

Preamble	<p>This course has been designed for students to learn and understand</p> <ul style="list-style-type: none"> 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 Business Management

Course Outcomes (Cos)		
CO Number	Course Outcomes (COs) Statement	Bloom's Taxonomy Knowledge Level
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

Mapping with Program Outcomes:					
Cos / POs	PO1	PO2	PO3	PO4	PO5
CO1	✓		✓	✓	✓
CO2	✓		✓		✓
CO3	✓	✓		✓	✓
CO4		✓	✓	✓	✓
CO5	✓	✓		✓	✓

25CIU1CA	PRINCIPLES OF MANAGEMENT
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Syllabus

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 & Reference 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 & Reference 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 Case Study on organization conflict	10	Text Book & Reference 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 & Reference 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 & Reference Book
Total		48	

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

Learning Method	Chalk and Talk/ Assignment/Seminar/ Group Discussion/Case Study
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Focus of the Course	Skill Development/ Development/ Innovations	Employability/	Entrepreneurial
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Semester – I IDC I: BUSINESS ECONOMICS							
Semester	Course Code	Course Name	Category	L	T	P	Credits
I	25COU1IA	BUSINESS ECONOMICS	IDC	48	-	-	4

Preamble	<p>This course has been designed for students to learn and understand</p> <ul style="list-style-type: none"> the concept of demand and supply. cost and determine price. to integrate macroeconomic factors in business decision making.
Prerequisite	Knowledge on economics

Course Outcomes (Cos)		
CO Number	Course Outcomes (COs) Statement	Bloom's Taxonomy Knowledge Level
CO1	Identify the concept of demand and consider them in business decision making.	K2
CO2	Associate cost and supply.	K2
CO3	Respond to dynamic macroeconomic factors in business.	K3
CO4	Infer the impact of monetary and fiscal policy on the firm.	K2
CO5	Examine a firm's contribution to national income.	K3

Mapping with Program Outcomes:

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

25COU1IA	BUSINESS ECONOMICS
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Syllabus

Unit	Content	Hrs	Resources
I	Demand Analysis Business Economics: Meaning, Definition, Scope and Significance - Micro and Macroeconomics - Demand: Demand Determinants, Demand Schedules and Demand Curves - Law of Demand - Change in demand and Shift in demand - Types of Demand - Elasticity of Demand: Determinants, Types and Methods of Measuring Price Elasticity of Demand. Case study on Law of Demand and Supply.	9	Text Book & Reference Book
II	Cost, Supply and Business Cycle Cost of Production - Cost Concepts and its Types. Supply: Determinants of Supply and Law of Supply - Elasticity of Supply and Types of Elasticity of Supply - Business Cycle: Characteristics and Phases - Controlling Business Cycle.	9	Text Book
III	Price Analysis Price and Output Decisions in Perfect and Imperfect Market Competition - Indian Knowledge System: Role of Panyadhyaksha in fixing prices - Legal Constraints in Pricing - Competition Act 2002 - History and Features - Producer Price Index (PPI). Inflation and Deflation: Meaning, Definition, Causes and Consequences - Consumer Price Index (CPI) - Inflation Rate.	12	Text Book
IV	Monetary and Fiscal Policy Monetary Policy: Meaning and Objectives - Limitations of Monetary Policy - Instruments of Monetary Policy - Monetary Policy Committee (MPC) - Demonetization: Merits and Demerits, History of Demonetization in India - Fiscal Policy: Meaning, Objectives, Instruments and Limitations. Case study on changes in Monetary policy instruments of RBI.	10	Text Book & Reference Book
V	National Income National Income - Definition and Concepts: GDP, NDP, GNP, NNP, Personal Income (PI), Disposable Personal Income (DPI), Per Capita Income (PCI) and Transfer Payments. National Income Accounting - Methods of Computation - Difficulties in Computation of National Income - Role of Artificial Intelligence in improving National Income Accounting Case study on Gross Domestic Product (GDP).	8	Text Book & Reference Book
Total		48	

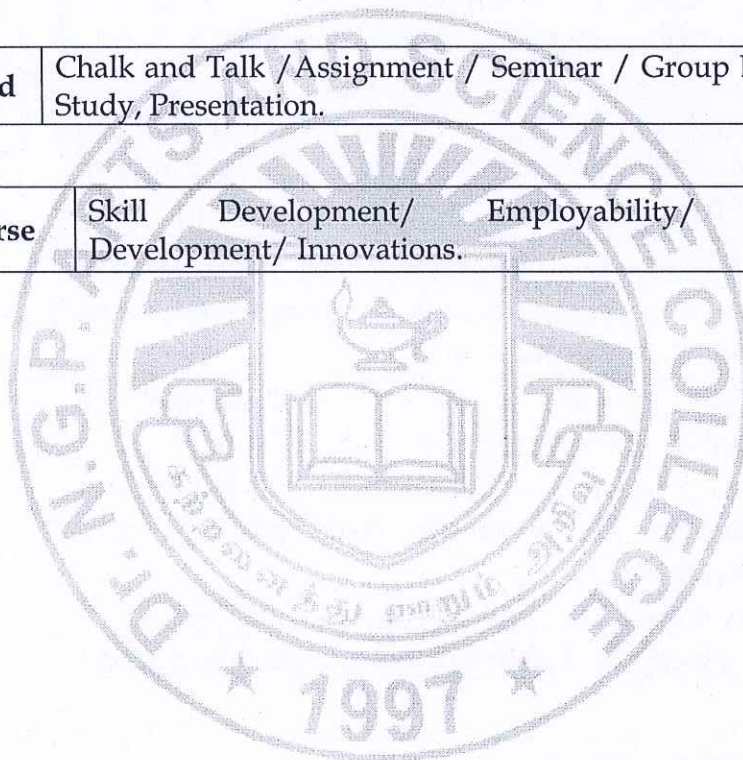
Note: Case studies related to the above topics to be discussed (Examined internal only)

Text book	1.	Sundharam.K.P.M. & Sundharam. E. N., 2022, "Business Economics", Sultan Chand and Sons, New Delhi.
	2.	Varshney. R. L and Maheswari. K.L, 2024, "Managerial Economics", Sultan Chand and Sons, New Delhi.
Reference Books	1.	E Narayanan Nadar & S Vijayan, 2023, "Managerial Economics", PHI Learning Pvt. Ltd., New Delhi
	2.	Sankaran. S., 2024, "Business Economics", Margham Publications, Chennai.
	3.	Ahuja. H. L., 2021, "Business Economics", S. Chand and Company Pvt. Ltd., New Delhi.
	4.	Mehta P L, 2016, "Managerial Economics: Analysis, Problems, Cases", Sultan Chand and Sons, New Delhi.

Journal and Magazines	Economic and Political Weekly, The Economic Times
E-Resources and Website	Principles and Practices of Managerial Economics – SWAYAM, Economics - e-PG Pathshala.

Learning Method	Chalk and Talk / Assignment / Seminar / Group Discussion / Case Study, Presentation.
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Focus of the Course	Skill Development/ Development/ Innovations.	Employability/	Entrepreneurial
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Semester - I SPREADSHEET APPLICATIONS							
Semester	Course Code	Course Name	Category	L	T	P	Credits
I	25CIU1CP	SPREADSHEET APPLICATIONS	CORE	48	-	-	4

Preamble	<p>This course has been designed for students to learn and understand</p> <ul style="list-style-type: none"> to equip students with the practical skills required to use spreadsheet software to solve real-life accounting and business data problems manage large data sets using Pivot Tables.
Prerequisite	Understanding of basic accounting Knowledge and data presentation techniques.

Course Outcomes (Cos)		
CO Number	Course Outcomes (COs) Statement	Bloom's Taxonomy Knowledge Level
CO1	Understand and apply basic Excel operations including data formatting, referencing, and use of common functions for structured data handling.	K2/K3
CO2	Apply logical, text, date-time, and mathematical functions to perform condition-based calculations and dynamic data extraction.	K3
CO3	Demonstrate the use of What-If Analysis tools to understand the business situations and outcome.	K2
CO4	Use Lookup functions (VLOOKUP, HLOOKUP) and basic macros to automate data retrieval and formatting tasks.	K2
CO5	Create Pivot Tables in Excel to understand and present business data across different categories and time period.	K2

Mapping with Program Outcomes:					
Cos / POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓			
CO2	✓	✓			
CO3	✓	✓	✓		
CO4	✓	✓			
CO5	✓	✓	✓		

25CIU1CP	SPREADSHEET APPLICATIONS
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S.No	List of Programs
1	Identify and explain the use of cell references (relative, absolute, mixed) with a simple dataset
2	Create a student report sheet and explain the use of Average, Max, and Min and rank calculation.
3	Create a salary sheet with basic pay, HRA, DA, and deductions using formulas to calculate gross pay and net pay.
4	Logic Functions: Use IF, IFS, AND, OR, NOT.
5	Text Functions: using LEFT, RIGHT, MID, LEN, CONCATENATE, TEXTJOIN, TEXT to extract part.
6	Date and Time Functions: TODAY, NOW, DATE, DATEDIF, EDATE, NETWORKDAYS, AGE CALCULATION, POSITIVE OR NEGATIVE NUMBER.
7	Mathematical Functions: SUMIF, SUMIFS, COUNTIF, COUNTIFS, AVERAGEIF, NESTEDIF.
8	What-If Analysis: Create a Data Table to show EMI for different interest rates and Goal Seek by setting a target profit in a cost-profit formula, compare two budget scenarios using Scenario Manager.
9	Demonstrate HLOOKUP with a grade chart and student marks and working of VLOOKUP using a product price list.
10	Record a basic macro to format a range of cells and running macros, assigning macros to buttons.
11	Pivot Table: Adding Slicers tool in Pivot and Table, Basic and Advanced Value Field Setting.
12	Using Chart Wizard to create different types of charts (Line, Pie, and Bar) show company's sales, purchases, and profit have changed each year

Text Books	1.	Saxena, S, 2022, " MS Office 2021 Training Guide (Excel, Word, PowerPoint ", Revised Edition, Vikas Publishing House, NewDelhi.
	2.	Srivastava, S. K 2021, " Computer Applications in Business ", First Edition, Sultan Chand & Sons, Chennai.

Learning Method	Demonstration/ Hands on Experiments
Focus of the Course	Skill Development/ Employability

Semester – I

AECC I: ENVIRONMENTAL STUDIES

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

Preamble	This course has been designed for students to learn and understand <ul style="list-style-type: none">• Multi-disciplinary aspects of Environmental studies• Importance to conserve the biodiversity• Causes of Pollution and its control	
Prerequisite	Aware the basics of environmental components	
Course Outcomes (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.,	K3
CO5	To build awareness about sustainable development and Environmental protection	K1

Mapping with Programme Outcomes					
Cos/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓	✓	✓
CO2	✓	✓	✓	✓	✓
CO3	✓	✓	✓	✓	✓
CO4	✓	✓	✓		
CO5	✓	✓	✓	✓	✓

25MBU1AA - ENVIRONMENTAL STUDIES
Syllabus

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

G. Subramanian

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APPROVED	
BoS- 19th 28.6.25	AC -