



UNDERGRADUATE DEGREE PROGRAMME

B.COM. ACCOUNTING, FINANCE AND FINANCIAL ANALYTICS

CURRICULUM & SYLLABUS

Effective from the Academic Year 2026 -2027

DEPARTMENT OF COMMERCE

SCHOOL OF COMMERCE & ECONOMICS



VISION OF THE INSTITUTION

To make the Institute an epitome of excellence in higher education by effectively providing high quality education and rigorous training to students in multiple streams of choice with ample scope for all round development to make them excel in their profession for betterment of the society.

MISSION OF THE INSTITUTION

M1	Effectively imparting knowledge and inculcating innovative thinking.
M2	Facilitating skill enhancement through add on courses and hands on training.
M3	Doing original, socially relevant, high quality research.
M4	Instilling the spirit of integrity, equity, professional ethics and social harmony.



DEPARTMENT OF COMMERCE
ACCOUNTING, FINANCE & FINANCIAL ANALYTICS

VISION OF THE DEPARTMENT	
To foster advanced knowledge in accounting, taxation, and financial management, producing competent, ethical and research- oriented professionals capable of meeting evolving industry, regulatory and global financial standards	

MISSION OF THE DEPARTMENT	
M1	Build strong conceptual and technical foundations in accounting, auditing, taxation, and financial analysis through rigorous, application-oriented learning.
M2	Enhance employability by integrating practical training in ERP systems, financial modeling, and regulatory frameworks relevant to banking, NBFC, and corporate sectors.
M3	Promote ethical decision-making, corporate governance, and sustainable finance practices to meet global standards of accountability and transparency.
M4	Foster analytical thinking and research orientation to prepare students for higher studies, professional certifications, and evolving roles in fintech and financial consulting.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)	
PEO1	Graduates will apply fundamental knowledge of accounting, economics, law, and management to perform effectively in banking, administrative, and government roles and pursue higher studies or competitive exams.
PEO2	Graduates will prepare, analyze, and interpret financial statements and tax records using Ind AS, GST, and financial tools like Tally and Excel to work as accountants, tax consultants, and financial analysts
PEO3	Graduates will manage company secretarial functions and corporate compliance under the Companies Act and SEBI regulations, progressing to roles like Company Secretary trainee and compliance executive.
PEO4	Graduates will integrate commerce and IT competencies in MIS, ERP, computerized accounting, fintech, e-commerce and data analytics, demonstrating communication, leadership and analytical abilities in real-world business environments

PROGRAMME OUTCOMES (POs)	
PO1	Apply accounting principles and financial management concepts to business decision-making.
PO2	Analyse financial statements and interpret accounting data for effective planning and control.
PO3	Demonstrate proficiency in taxation, auditing, banking, corporate accounting economics and international trade practices.
PO4	Utilize modern accounting software and digital tools in financial reporting and analysis.
PO5	Develop problem-solving, analytical and quantitative skills relevant to commerce, finance.
PO6	Employ AI and machine learning tools for fraud detection, risk assessment, credit scoring and financial forecasting in accounting and finance roles.
PO7	Exhibit professional ethics, integrity, and social responsibility in business and financial practices.
PO8	Apply financial expertise, communication and entrepreneurial skills in the preparation, execution and evaluation of business projects and organizational activities

PROGRAMME SPECIFIC OUTCOMES (PSO)	
PSO1	Equip students with practical proficiency in accounting principles, financial reporting standards, taxation laws, and auditing practices to ensure compliance and transparency in business operations.
PSO2	Develop analytical and technical skills in financial modeling, data analytics, and AI/ML tools to interpret financial data, forecast trends, and support strategic business decisions.



ABBREVIATIONS

PCC	Program Core Courses
AEC	Ability Enhancement Courses
PEC	Professional Elective Courses
SEC	Skill Enhancement Courses
MDC	Multidisciplinary Courses
MDE	Multidisciplinary Elective
VAC	Value Added Courses
PRD	Project Report
SI	Summer Internship

CURRICULUM STRUCTURE (2026-27)**B.COM. ACCOUNTING, FINANCE AND FINANCIAL ANALYTICS**

B.Com. Accounting, Finance and Financial Analytics										
Minimum Credits to be earned: 132										
SEMESTER 1										
			Hours/Week					Maximum Marks		
Category	Code	Course	L	T	P	SL	C	CIA	SEE	Total
AEC 1	26LTAM11/ 26LHIN11/ 26LFRE11/ 26LISB11	Language- Tamil/Hind/French/ Indian Sign Language - Basic	3	0	0	3	3	40	60	100
AEC 2	26LENG11	English I	3	0	0	3	3	40	60	100
PCC 1	26CBAF1 1	Financial Accounting – Principles & Practices I	4	0	0	4	4	40	60	100
PCC 2	26CBAF1 2	Principles of Management	4	0	0	4	4	40	60	100
MDC 1	26MBAF1 1	Micro Economics in Business Decision Making	3	0	0	3	3	40	60	100
PEC 1	26EBAF11	Basic Mathematics for Social Sciences	3	0	0	3	3	40	60	100
AEC 3	26PSSK11	Communication Skills	0	0	4	2	2	-	100	100
SEC 1		Orientation Programme / Industrial Visit	-	-	-	-	-	-	-	-
			20	-	4	22	22	-	-	-

CIA - Continuous Internal Assessment SEE - Semester End Examination

L – Lecture, T- Tutorial, P- Practical, SL – Self Learning, C- Credit

SEMESTER 2										
			Hours/Week					Maximum Marks		
Category	Code	Course	L	T	P	SL	C	CIA	SEE	Total
AEC 4	26LTAM21 26LHIN21/ 26LFRE21/ 26LISB21	Tamil II / Hindi II /French II/ Indian Sign Language - Advanced	3	0	0	3	3	40	60	100
AEC 5	26LENG21	English II	3	0	0	3	3	40	60	100
PCC 3	26CBAF21	Financial Accounting – Principles & Practices II	4	0	0	4	4	40	60	100
PCC 4	26CBAF22	Principles of Marketing	4	0	0	4	4	40	60	100
MDC 2	26MBAF21	Business Economics	3	0	0	3	3	40	60	100
PEC 2	26EBAF21	Probability & Statistics	3	0	0	3	3	40	60	100
VAC 1	26BVAC21	Universal Human Values	1	0	0	1	1	40	60	100
			21	-	0	21	21	-	-	-

CIA - Continuous Internal Assessment SEE - Semester End Examination

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SEMESTER 3

			Hours/Week					Maximum Marks		
Category	Code	Course	L	T	P	SL	C	CIA	SEE	Total
PCC 5		Corporate Accounting -I	4	0	0	4	4	40	60	100
PCC 6		Company Law & Secretarial Practice	4	0	0	4	4	40	60	100
PEC 3		Introduction to Business Analytics	3	0	0	3	3	40	60	100
VAC 2		Environmental Studies	3	0	0	3	3	40	60	100
VAC 3		Indian Knowledge System	2	0	0	2	2	40	60	100
VAC 4		Industry Oriented Employability Skills	2	0	0	2	2	40	60	100
SEC 2		Professional Development-I	2	0	0	2	2	40	60	100
SEC 3		Global certification NASSCOM/IBM /Coursera/Ude my)	0	0	0	0	1		-	100
SI 1		Internship I	0	0	2	1	1	-	100	100
			20	-	2	21	22	-	-	-

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SEMESTER 4										
			Hours/Week					Maximum Marks		
Category	Code	Course	L	T	P	SL	C	CIA	SEE	Total
PCC 7		Advanced Corporate Accounting	4	0	0	4	4	40	60	100
PCC 8		Indirect Taxes	4	0	0	4	4	40	60	100
PCC 9		Legal Aspects of Consumer	2	0	0	2	2	40	60	100
PEC 4		Business Environment	3	0	0	3	3	40	60	100
SEC 4		Entrepreneurial Development	2	0	0	2	2	40	60	100
PEC 5		Digital Banking & Finance	3	0	0	3	3	40	60	100
SEC 6		Professional Development–II	2	0	0	2	2	40	60	100
VAC 5		Yoga Education / NSS/NCC/ Disaster Management	0	0	4	2	2	-	100	100
SEC 7		In-plant Training/ Industrial Tour / Summer Term I	-	-	-	-	-	-	-	-
			20	0	4	22	22			

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SEMESTER 5										
			Hours/Week					Maximum Marks		
Category	Code	Course	L	T	P	SL	C	CIA	SEE	Total
PCC 10		Cost Accounting	4	0	0	4	4	40	60	100
PCC 11		Income Tax Law and Practice -I	4	0	0	4	4	40	60	100
PCC 12		Insurance and Risk Management	4	0	0	4	4	40	60	100
PEC 6		Financial Markets and Institutions	3	0	0	3	3	40	60	100
MDE 1		Cyber security	3	0	0	3	3	40	60	100
SEC 8		Professional Development-III	2	0	0	2	2	40	60	100
VAC 6		Automation Software Solutions	1	0	2	1	2	40	60	100
SI 2		Internship II	0	0	2	2	1	-	100	100
SEC 9		Skill Enhancement Training / Student Club Activities/ Institution Innovation Council (IIC) Activities	0	0	0	0	0	-	100	100
			21	-	4	23	23	-	-	-

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SEMESTER 6										
			Hours/Week					Maximum Marks		
Category	Code	Course	L	T	P	SL	C	CIA	SEE	Total
PCC 13		Management Accounting & Decision Making	4	0	0	4	4	40	60	100
PCC 14		Income Tax Law and Practice-II	4	0	0	4	4	40	60	100
PCC 15		Advance Cost Accounting	4	0	0	4	4	40	60	100
PCC 16		Investment Analysis & Portfolio Management	4	0	0	4	4	40	60	100
PEC 7		Marketing Management	3	0	0	3	3	40	60	100
PRD 1		Research Project	0	0	4	2	2	-	100	100
SEC 10		On Job Training / Apprenticeship /Startup	0	0	2	1	1	-	-	-
			19	-	6	22	22	-	-	-

CIA - Continuous Internal Assessment SEE - Semester End Examination

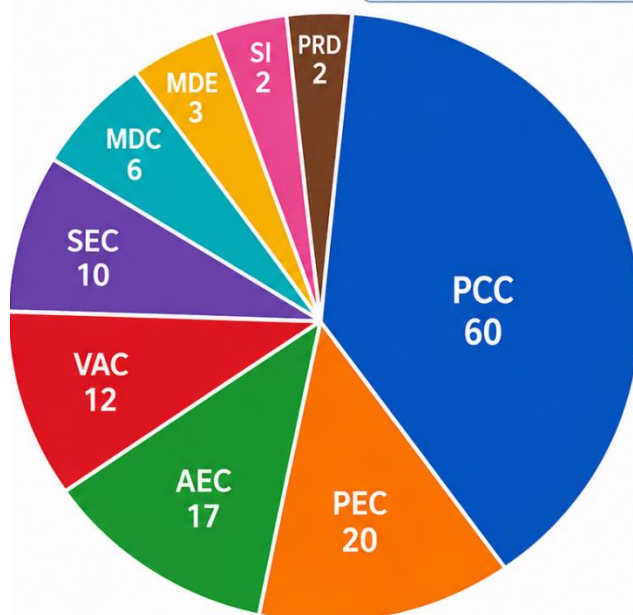
L – Lecture, T- Tutorial, P- Practical, SL – Self Learning, C- Credit

CREDIT DISTRIBUTION**B.Com (Accounting Finance & Financial Analytics)****Minimum credits to be earned: 132**

Component	I Sem	II Sem	III Sem	IV Sem	V Sem	VI Sem	3 Yrs. Total Credits
PCC	8	8	8	8	12	16	60
AEC	8	6	-	3	-	-	17
PEC	3	3	3	5	3	3	20
MDC	3	3	-	-	-	-	6
MDE	-	-	-	-	3	-	3
VAC	-	1	7	2	2	-	12
SEC	-	-	3	4	2	1	10
SI	-	-	1	-	1	-	2
PRD	-	-	-	-	-	2	2
Total Credits	22	21	22	22	23	22	132

CREDIT DISTRIBUTION BY COMPONENT (IN NUMBERS WITH SCALE)

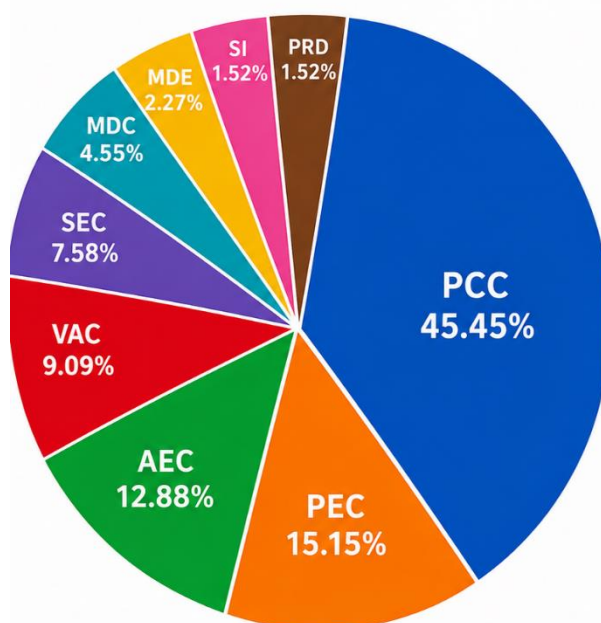
Total Credits = 132



CREDIT DISTRIBUTION (IN NUMBERS)	
Component	Credits (Number)
PCC	60
PEC	20
AEC	17
VAC	12
SEC	10
MDC	6
MDE	3
SI	2
PRD	2
TOTAL	132

CREDIT DISTRIBUTION BY COMPONENT (%)

TOTAL = 100%



Component	Percentage (%)
PCC	45.45%
PEC	15.15%
AEC	12.88%
VAC	9.09%
SEC	7.58%
MDC	4.55%
MDE	2.27%
SI	1.52%
PRD	1.52%
TOTAL	100.00%

PROGRAMME CORE COURSES

Category	Code	Course	L	T	P	SL	C
PCC 1	26CBAF11	Financial Accounting – Principles & Practices -I	4	0	0	4	4
PCC 2	26CBAF12	Principles of Management	4	0	0	4	4
PCC 3	26CBAF21	Financial Accounting – Principles & Practices II	4	0	0	4	4
PCC 4	26CBAF22	Principles of Marketing	4	0	0	4	4
PCC 5		Corporate Accounting -I	4	0	0	4	4
PCC 6		Company Law & Secretarial Practice	4	0	0	4	4
PCC 7		Advanced Corporate Accounting	4	0	0	4	4
PCC 8		Indirect Taxes	4	0	0	4	4
PCC 9		Legal Aspects of Consumer	4	0	0	4	4
PCC 10		Cost Accounting	4	0	0	4	4
PCC 11		Income Tax Law and Practice -I	4	0	0	4	4
PCC 12		Insurance and Risk Management	4	0	0	4	4
PCC 13		Management Accounting & Decision Making	4	0	0	4	4
PCC 14		Income Tax Law and Practice- II	4	0	0	4	4
PCC 15		Advance Cost Accounting	4	0	0	4	4
PCC 16		Investment Analysis & Portfolio Management	4	0	0	4	4

PROFESSIONAL ELECTIVE COURSES

Category	Code	Course	L	T	P	SL	C
PEC 1	26EBAF11	Basic Mathematics for Social Sciences	3	0	0	3	3
PEC 2	26EBAF21	Probability & Statistics	3	0	0	3	3
PEC 3		Introduction to Business Analytics	3	0	0	3	3
PEC 4		Business Environment	3	0	0	3	3
PEC 5		Digital Banking & Finance	3	0	0	3	3
PEC 6		Financial Markets and Institutions	3	0	0	3	3
PEC 7		Marketing Management	3	0	0	3	3

ABILITY ENHANCEMENT COURSES

Category	Code	Course	L	T	P	SL	C
AEC 1	26LTAM11/ 26LHIN11/ 26LFRE11/ 26LISB11	Tamil I / Hindi I / French I / Indian Sign Language -Basic	3	0	0	3	3
AEC 2	26LENG11	English I	3	0	0	3	3
AEC 3	26PSSK11	Communication Skills	0	0	4	2	2
AEC 4	26LTAM21 26LHIN21/ 26LFRE21/ 26LISB21	Tamil II / Hindi II / French II / Indian Sign Language - Advanced	3	0	0	3	3
AEC 5	26LENG21	English II	3	0	0	3	3

MULTIDISCIPLINARY COURSES

Category	Code	Course	L	T	P	SL	C
MDC 1	26MBAF11	Micro Economics in Business Decision Making	3	0	0	3	3
MDC 2	26MBAF21	Business Economics	3	0	0	3	3

**MULTIDISCIPLINARY ELECTIVE**

Category	Code	Course	L	T	P	SL	C
MDE 1		Cyber Security	3	0	0	3	3

VALUE ADDED COURSES

Category	Code	Course	L	T	P	SL	C
VAC 1	26BVAC21	Universal Human Values	1	0	0	1	1
VAC 2		Environmental Studies	3	0	0	3	3
VAC 3		Indian Knowledge System	2	0	0	2	2
VAC 4		Industry Oriented Employability Skills	2	0	0	2	2
VAC 5		Yoga Education / NSS NCC/Disaster Management	0	0	4	2	2
VAC 6		Automation Software Solutions	1	0	2	1	2

SKILL ENHANCEMENT COURSES

Category	Code	Course	L	T	P	SL	C
SEC `1		Orientation Programme / Industrial Visit	-	-	-	-	-
SEC `2		Professional Development-I	2	0	0	2	2
SEC 3		Global certification (NASSCOM/IBM /Coursera/Udemy)	0	0	0	0	1
SEC 4		Entrepreneurial Development	2	0	0	2	2
SEC 5		Fundamentals of AI	2	0	0	2	2
SEC 6		Professional Development-II	2	0	0	2	2
SEC 7		In-plant Training/ Industrial Tour/ Summer Term	-	-	-	-	-
SEC 8		Professional Development-III	2	0	0	2	2
SEC 9		Skill Enhancement Training / Student Club Activities/ Institution Innovation Council Activities	-	-	-	-	-
SEC 10		On Job Training / Apprenticeship / Startup	0	0	2	1	1

SUMMER INTERNSHIP

Category	Code	Course	L	T	P	SL	C
SI 1		Internship I	0	0	2	1	1
SI 2		Internship II	0	0	2	1	1

PROJECT REPORT & DISSERTATION

Category	Code	Course	L	T	P	SL	C
PRD 1		Research Project	0	0	4	2	2

SEMESTER I



26LTAM11	TAMIL-I	L	T	P	SL	C
		3	0	0	3	3

COURSE OBJECTIVES

மாணவர்களின் தமிழ்மொழித் திறத்தை மேம்படுத்துதல், சங்க இலக்கிய நாட்டத்தை மேம்படுத்துதல், நீதி இலக்கியங்கள் வழி அறக் கருத்துகளை இன்றைய தலைமுறையினர் அறியச் செய்தல், இலக்கிய வடிவங்களான உரைநடை சிறுகதை ஆகியவற்றின் சமூக நிலை குறித்து அறியச் செய்தல், மாணவர்களுக்குத் தமிழைத் தவறின்றி எழுதுவதற்குத் தேவையான பயிற்சி அளித்து அவர்களின் மொழித்திறனை மேம்படுத்துதல், கலைச்சொற்கள் போன்ற தமிழ் மொழியின் வளர் நிலைகளை அறிமுகம் செய்தல் போன்றன இந்தப் பாடத்திட்டத்தின் முக்கிய நோக்கமாகும்.

UNIT I	அலகு- 1: தமிழ் மொழி வரலாறு	10 Hours
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அலகு- 1: தமிழ் மொழி வரலாறு

மொழிக்குடும்பம் - இந்திய மொழிக்குடும்பங்கள் - இந்திய ஆட்சி மொழிகள் - திராவிட மொழிக்குடும்பங்கள் - திராவிட மொழிகளின் வகைகள் - திராவிட மொழிகளின் சிறப்புகள் - திராவிட மொழிகளின் வழங்கிடங்கள் - திராவிட மொழிகளுள் தமிழின் இடம் - தமிழ்மொழியின் சிறப்புகள் - தமிழ் பிறமொழித் தொடர்புகள்.

UNIT II	அலகு- 2: சங்க இலக்கியங்கள்	9 Hours
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புறநானூறு- பாடல் எண்: 195 (பல்சான்றிரே) 192 (யாதும் ஊரே) 188 (படைப்பு பல) குறுந்தொகை- பாடல் எண்: 03 (நிலத்தினும்) 131 (ஆடமை புரையும்) 57(பூவிடைப்படினும்) 202 (நோம் என் நெஞ்சே) 167 (முளிதயிர்)

நெடுநல்வாடை: பாடல் வரிகள் 45 முதல் 72 வரை

UNIT III	அலகு - 3 அற இலக்கியங்கள்	9 Hours
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திருக்குறள் அறன் வலியுறுத்தல் (அறம்), நட்பாராய்தல் (பொருள்), குறிப்பறிதல்(இன்பம்), மூன்று அதிகாரங்கள் முழுமையும் நாலடியார் - பாடல் எண்: 139 (கல்லாரே ஆயினும்) 248 (நண்ணிலைக்கான்) 216 (கடையாயர்) ஒளவையார் - மூதூரை- பாடல் எண்- 10 (நெல்லுக்கு இறைத்தநீர்), - பாடல் எண்- 16 (அடக்கமுடையார்)

UNIT IV	அலகு - 4 உரைநடை	9 Hours
சிற்பியே உன்னைச் செதுக்குகிறேன் - வைரமுத்து - லட்சியம், கல்வி, கலை, உறவு, மொழி, சாதனை ஆகிய தலைப்பிலான கட்டுரைகள் சிறுகதை புதுமைப்பித்தன் – சாபவிமோசனம் ஜெயகாந்தன் - ஒரு பிடி சோற		
UNIT V	அலகு 5 மொழித்திறன்	8 Hours
பிழை நீக்கி எழுதுதல் - ஒற்றுப்பிழை நீக்கி எழுதுதல் - தொடர்பிழை நீக்கி எழுதுதல் கலைச்சொல்லாக்கம் - தேவைகள் - கலைச்சொற்களின் பண்புகள் அறிவியல் கலைச்சொற்கள். கடிதம் - வகைகள் - அலுவலகக் கடிதங்கள் - பயிற்சி		

Total: 45 Hrs

Self-Learning: 45 Hrs

பார்வை நூல்கள்

1. திராவிட மொழிகள் (இரண்டு தொகுதிகள்) டாக்டர் ச. அகத்தியலிங்கம் மணிவாசகர் பதிப்பகம் 2021
2. சங்க இலக்கிய உரை என் சி பி எச் சென்னை 2010
3. திருக்குறள் தெளிவுரை வரதராசன், மு., கழக வெளியீடு, 1994.
4. தவறின்றித் தமிழ் எழுத - மருதூர் அரங்கராசன், ஐந்திணைப் பதிப்பகம், 2003.
5. சிற்பியே உன்னைச் செதுக்குகிறேன் வைரமுத்து சூர்யா லிட்ரேச்சர் சென்னை 2011
6. பாடநூல் தேடலுக்கான இணையம்

<https://archive.org/>

<https://tamildigitallibrary.in/Articles/>

COURSE OUTCOMES

After completion of the course, the student will be able to:

COURSE OUTCOMES	DESCRIPTION	KNOWL EDGE LEVEL
CO1	தமிழ் மொழியின் வரலாறு, மொழிக்குடும்பம், திராவிட மொழிகளின் வகைகள் மற்றும் தமிழ்மொழியின் சிறப்புகளை விளக்க முடியும்	K2
CO2	புறநானூறு, குறுந்தொகை, நெடுநல்வாடை ஆகிய சங்க இலக்கியப் பாடல்களின் கருத்து, பண்பாட்டு மற்றும் சமூக முக்கியத்துவத்தைப் புரிந்து விளக்க முடியும்.	K3
CO3	திருக்குறள், நாலடியார், மூதுரை ஆகிய அற இலக்கியங்களில் காணப்படும் அறநெறி, ஒழுக்கம் மற்றும் வாழ்வியல் கருத்துகளைப் பகுப்பாய்வு செய்ய முடியும்	K4
CO4	வைரமுத்துவின் உரைநடை கட்டுரைகள், புதுமைப்பித்தன் மற்றும் ஜெயகாந்தன் சிறுகதைகளில் காணப்படும் சமூகச் சிந்தனை, மனிதநேயம் மற்றும் இலக்கியப் பண்புகளை மதிப்பீடு செய்ய முடியும்.	K4
CO5	பிழையின்றித் தமிழ் எழுதுதல், கலைச்சொற்கள், அறிவியல் கலைச்சொற்கள் மற்றும் அலுவலகக் கடிதம் எழுதுதல் போன்ற மொழித்திறன்களை நடைமுறையில் பயன்படுத்த முடியும்.	K4

COURSE ARTICULATION MATRIX

COs / POs- PSOs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO 8	PSO1	PSO2
CO1	-	-	-	-	-	-	2	-	-	-
CO2	-	-	-	-	-	-	2	-	-	-
CO3	-	-	-	-	-	-	2	-	-	-
CO4	-	-	-	-	-	-	2	-	-	-
CO5	-	-	-	-	-	-	2	3	-	-
AVG	-	-	-	-	-	-	2	3	-	-

26LHIN11	HINDI- I	L	T	P	SL	C
		3	0	0	3	3
COURSE OBJECTIVES - To improve student's proficiency in the Hindi language, to increase their interest in prose literature - To make the present generation aware of moral values, social limits through various genre of Hindi prose - To improve student's language proficiency by giving them the necessary training to write error-free correspondence and to familiarize them with technical terminology and updated language technology						
UNIT I						9 Hours
हिन्दी साहित्य का इतिहास - काल विभाजन - गद्य विकास - सामान्य परिचय, कहानी - लॉटेरी (मुंशी प्रेमचंद), भाव एक, भाषा अनेक (देश भक्ति और राष्ट्रीय एकता) - विभिन्न भारतीय संस्कृति एवं प्रदेशों के परिचय History of Hindi Literature – Periodization – Development of Prose – General Introduction, Short Story – “Lottery” (Munshi Premchand), “One Emotion, Many Languages” (Patriotism and National Integration) – Introduction to various Indian cultures and regions.						
UNIT II						9 Hours
एकाँकी - अखबारी विज्ञापन (चिरंजीत) - भाषा कौशल विकास - प्रयोजनमूलक हिन्दी - तकनीकी शब्द, पद एवं विभागीय नाम, प्रशासनिक वाक्यांश One-Act Play – “Newspaper Advertisement” (Chiranjit) – Development of Language Skills – Functional Hindi – Technical Terms, Designations and Departmental Names, Administrative Phrases						
UNIT III						9 Hours
हास्य व्यंग्य कहानी - तुम कब जाओगे, अतिथि(शरद जोशी) - प्रयोजनमूलक हिन्दी - पत्र लेखन - पत्रों के विभिन्न प्रकार - औपचारिक पत्र Humorous Satirical Story – “Tum Kab Jaoge, Atithi” (Sharad Joshi) – Functional Hindi – Letter Writing – Different Types of Letters – Formal Letters.						
UNIT IV						9 Hours
राष्ट्र भक्तिकहानी - पुरस्कार (जयशंकर प्रसाद) - प्रयोजनमूलक हिन्दी - पत्र लेखन - पत्रों के विभिन्न प्रकार - अनौपचारिक पत्र Patriotic Story – “Puraskaar” (Jaishankar Prasad) – Functional Hindi – Letter Writing – Different Types of Letters – Informal Letters.						
UNIT V						9 Hours
निबंध: भारतीय विज्ञान की कहानी (गुणाकार मुले) - विश्व के लिए भारत की देन, प्रयोजनमूलक हिन्दी - भाषा प्रौद्योगिकी - युनिकोड हिन्दी फ़ॉन्ट्स, इनस्क्रिप्ट कीबोर्ड- ई-पुस्तकालय - ई-शब्दकोश - ई-अध्ययन - व्यावहारिक उपयोग हेतु कृत्रिम बुद्धिमत्ता Essay: “The Story of Indian Science” (Gunakar Mule) – India's Contribution to the World – Functional Hindi – Language Technology – Unicode Hindi Fonts, Inscript Keyboard – e-Library – e-Dictionary – e-Learning – Artificial Intelligence for Practical Use.						

Total: 45 Hrs

Self-Learning: 45 Hrs**संदर्भ ग्रन्थ/ Reference Books**

1. Munshi Premchand: Mansarovar (Short Story Collection), Vol. 8 Hans Prakashan / Saraswati Press / Prabhat Prakashan (various editions available)
2. Vyavaharik Hindi, Publisher: Rajpal & Sons, New Delhi
3. One-Act Play Collection, Lokbharti Prakashan, Prayagraj
4. Prayojanmoolak Hindi, Dr. Naresh Mishra / Dr. Kailash Chandra Bhatia, Rajkamal Prakashan / Vani Prakashan
5. Sharad Joshi Vyangya Rachanavali, Vol. 1, Rajkamal Prakashan
6. Prasad Ki Shreshtha Kahaniyan, Lokbharti Prakashan
7. Vyavaharik Hindi Aur Patra Lekhan, Dr. Hardev Bahri, Kitab Mahal, Allahabad
8. Bharatiya Vigyan Ki Kahani – Gunakar Mule, Rajkamal Prakashan
9. Computer Aur Hindi Bhasha, Dr. Bholanath Tiwari, Vani Prakashan
10. Hindi Sahitya Ka Itihas, Ramchandra Shukla, Nagari Pracharini Sabha, Varanasi
11. Kendriya Hindi Sansthan, Banking Hindi Patyakram, 2012.

वेब लिंक्स/ Web Sources:

1. <https://www.prabhatbooks.com>
2. <https://vaniprakashan.com>
3. <https://www.rajkamalprakashan.com>
4. <https://home.unicode.org>
5. <https://home.unicode.org>

COURSE OUTCOMES

After completion of the course, the student will be able to:

COURSE OUTCOMES	DESCRIPTION	KNOWLEDGE LEVEL
CO1	Develop interest in Hindi language & literature , various culture of India	K2
CO2	Learn moral values in a lighter way & proficient in functional hindi	K3

CO3	Know the awareness about the social limitations	K2
CO4	Identify the importance of patriotism	K1
CO5	Analyze and produce structured functional Hindi content using modern technology tools.	K4

COURSE ARTICULATION MATRIX

COs / POs- PSOs	PO1	PO2	PO3	P O4	PO5	PO6	PO7	PO 8	PSO1	PSO2
CO1	-	-				-	2	2	-	-
CO2	-	-				-	2	3	-	-
CO3	-	-				-	2	2	-	-
CO4	-	-				-	2	3	-	-
CO5	-	-				-	2	3	-	-
AVG	-	-				-	2	2.6	-	-

26LFRE11	FRENCH- I	L	T	P	SL	C
		3	0	0	3	3
COURSE OBJECTIVES • To greet, to express excuse and to introduce oneself • To introduce another person • To express his/her ideas, opinions and weekend projects • To request someone to do something, polite manners • To accept, refuse, enquire and indicate the time and date • To express himself / herself in positive and negative manner						
UNIT I	Salut					6 Hours
les nombres, Les jours de la semaine et du mois, La nationalité						
UNIT II	Enchanté					8 Hours
Les verbes Etre, Avoir, Aller, Regular ER verbes, Present tense.						
UNIT III	J'Adore					8 Hours
La negation, l'adjectif possessif, le futur proche						
UNIT IV	Tu veux bien					10 Hours
Les articles de finis/indéfinis, Les pronoms après une préposition (avec lui, chez moi), Le passé composé						
UNIT V	On se voit quand					6 Hours
Les pronoms compléments directs me, te, nous, vous, L'interrogation avec est-ce que, L'heure et la date.						
UNIT VI	Bonne idée					7 Hours
Les articles partitifs, Le masculin et le féminin des adjectifs, Les pronoms compléments directs le, la, les, La négation : ne... pas de.						

Total: 45 Hrs

Self-Learning: 45 Hrs

Text Books :

1. LATITUDES 1 (A1/A2) MÉTHODE DE FRANÇAIS - Régine Mérieux and Yves Loiseau

Reference Books:

1. SAISON A1 - MÉTHODE DE FRANÇAIS - Marie-Noëlle Cocton, Élodie Heu, Catherine Houssa, Émilie Kasazian

COURSE OUTCOMES

After completion of the course, the student will be able to

COURSE OUTCOMES	DESCRIPTION	KNOWLEDGE LEVEL
CO1	Greet, to excuse and to introduce himself	K2
CO2	Introduce someone	K2
CO3	Express his ideas, opinions and weekend projects	K3
CO4	Ask someone to do something, polite manner	K4
CO5	Accept, refuse enquire and indicate the time and date	K3
CO6	Express himself in positive and negative manner	K3

COURSE ARTICULATION MATRIX

COs / POs- PSO s	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO 8	PSO1	PSO2
CO1	-	-				-	2	2	-	-
CO2	-	-				-	2	3	-	-
CO3	-	-				-	2	2	-	-
CO4	-	-				-	2	3	-	-
CO5	-	-				-	2	3	-	-
CO6	-	-				-	2	3	-	-
AVG	-	-				-	2	2.7	-	-

26LISB11	INDIAN SIGN LANGUAGE (BASIC)	L	T	P	SL	C
		3	0	0	3	3
COURSE OBJECTIVES ● To understand Deaf culture and recognize the importance of Indian Sign Language (ISL) in ensuring equality, accessibility, and social inclusion. ● To develop basic conversational skills for effective communication with the hearing-impaired community using sign language. ● To acquire the ability to express everyday concepts such as daily routines, needs, food, people, and descriptive elements like color, shape, and size. ● To promote the use of ISL in educational institutions, workplaces, and public services for creating an inclusive environment. ● To encourage continuous practice and skill development in ISL to support and advocate for the hearing-impaired community.						
UNIT I		BASICS OF ISL			9 Hours	
Alphabets (finger-spelling), numbers, days of the week, colors, and expressions for greetings and wishes.						
UNIT II		PEOPLE AND FOOD			9 Hours	
Months of the year, common food items, family members, and types of human behavior.						
UNIT III		FEELINGS AND FESTIVALS			9 Hours	
Use of facial expressions in communication; signs related to fruits, vegetables, and major festivals.						
UNIT IV		HOME AND NATURE			9 Hours	
Clothing and cosmetics, natural elements (earth and sky), parts of a house, and identification of animals and birds.						
UNIT V		SOCIETY AND EDUCATION			9 Hours	
Names of states and cities, religions, basic educational terminology, and commonly used school-related items.						

Total: 45 Hours

Self-Learning: 45 Hours

TEXT BOOKS

1. Indian Sign Language Dictionary – Ramakrishna Mission Vidyalaya, IHRDC, Coimbatore

REFERENCE BOOKS

1. Sign Language in India: A Linguistic Exploration – Dr. Sandeep Sharma Jat
2. The Indian Sign Language – William P. Clark

COURSE OUTCOMES

After completion of the course, the student will be able to:

COURSE OUTCOMES	DESCRIPTION	KNOWLEDGE LEVEL
CO1	Master the Basics: Use finger-spelling for the alphabet and communicate numbers, days of the week, and months.	K1
CO2	Grow Your Vocabulary: Sign about common foods, family members, clothes, and household items.	K2
CO3	Talk About Nature: Identify and sign various animals, birds, fruits, vegetables, and elements like the earth and sky.	K2
CO4	Socialize: Give people well wishes, describe different behaviours, and talk about festivals and religions.	K3
CO5	Navigate Places & Education Field: Sign the names of specific states and cities, along with words used in education field.	K3

COURSE ARTICULATION MATRIX

COs / POs- PSOs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	-	-	-	-	-	3	-	—	-	-
CO2	-	-	-	-	3	-	-	2	-	-
CO3	-	-	-	-	3	-	2	2	-	-
CO4	-	-	-	-	2	3	3	-	-	-
CO5	-	-	-	-	-	2	3	3	-	-
AVG	-	-	-	-	2.6	2.6	2.6	2.3	-	-

26LENG11	ENGLISH – I	L	T	P	SL	C
		3	0	0	3	3
● COURSE OBJECTIVES ● To develop an understanding of prose, poetry, and short stories. ● To enhance reading comprehension and critical thinking skills ● To improve accuracy and clarity in language use ● To build a rich and adequate vocabulary. ● To promote the use of digital tools for communication and presentation skills.						
UNIT I	GRAMMAR & VOCABULARY					9 Hours
Parts of Speech -Subject – Verb Agreement-Tenses=Prefix and Suffix-Spot the errors						
UNIT II	UNIT-II PROSE					9 Hours
A.G. Gardiner – <i>On the Rule of the Road</i> Helen Keller – Excerpt from <i>The Story of My Life – Chapter IV</i> Listening: Audio summary comprehension Speaking: Discussion on freedom & learning Reading: Passage comprehension Writing: Reflective paragraph writing						
UNIT III	POETRY					9 Hours
William Wordsworth – <i>The Solitary Reaper</i> Rabindranath Tagore – <i>Where the Mind is Without Fear</i> Listening: Infer the central idea of the poem. Speaking: Sharing personal interpretation of the poem Reading: Read aloud exercise Writing: Critical Appreciation						
UNIT IV	SHORT STORIES					9 Hours
O. Henry – <i>The Gift of the Magi</i> R.K. Narayan – <i>An Astrologer’s Day</i> Listening: Story narration Speaking: Retell the story Reading: Silent reading and reflective reading Writing: Summary & Character analysis						

UNIT V	ONE-ACT PLAY	9 Hours
Douglas Turner Ward-<i>The Shirt</i> J. M. Synge-<i>Riders to the Sea</i> Listening: Listening to dialogue delivery Speaking: Role play and enactment Reading: Character mapping and identification of key ideas Writing: Dialogue writing & Short critical commentary		

Total: 45 Hrs

Self Learning: 45 Hrs

Text Books:

1. Naik, M. K., ed *Indian Prose in English: An Anthology*. Oxford University Press, 2001.
2. Greenblatt, Stephen, ed. *The Norton Anthology of English Literature*. 9th ed., W. W. Norton & Company, 2012.
3. Henry, O. *Selected Short Stories of O. Henry*. Penguin Classics, 2001.
4. Narayan, R. K. *Malgudi Days*. Indian Thought Publications, 1982.
5. Wren, P. C., and H. Martin. *High School English Grammar and Composition*. Revised ed., S. Chand & Company, 2009.
6. McCarthy, Michael, and Felicity O'Dell. *English Vocabulary in Use*. 4th ed., Cambridge University Press, 2017.

References:

1. Murphy, Raymond. *English Grammar in Use*. Cambridge University Press, 2019.
2. Strunk Jr., William, and E. B. White. *The Elements of Style*. 4th ed., Longman, 2000.
3. Quirk, Randolph, et al. *A Comprehensive Grammar of the English Language*. Longman, 1985.
4. Hacker, Diana, and Nancy Sommers. *The Bedford Handbook*. 11th ed., Bedford/St. Martin's, 2020.

Websites:

- British Council. *LearnEnglish*. British Council, <https://learnenglish.britishcouncil.org>.
- Duolingo. *Duolingo*. Duolingo Inc., <https://www.duolingo.com>.
- BBC. *BBC Learning English*. BBC, <https://www.bbc.co.uk/learningenglish>.

COURSE OUTCOMES

After completion of the course, the student will be able to:

COURSE OUTCOMES	DESCRIPTION	KNOWLEDGE LEVEL
CO1	Interpret and analyze prose, poetry, and short stories	K2
CO2	Demonstrate improved reading, writing, and comprehension skills.	K3
CO3	Apply grammar accurately in communication.	K3
CO4	Use vocabulary effectively in academic and real-life contexts.	K3
CO5	Utilize AI tools to enhance language, speaking, and presentation skills.	K3

COURSE ARTICULATION MATRIX

COs / POs- PSOs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	-	-	-	-	-	-	2	-	-	-
CO2	-	-	-	-	-	-	2	-	-	2
CO3	-	-	-	-	-	-	3	-	-	2
CO4	-	-	-	-	-	-	2	3	-	2
CO5	-	-	-	-	-	-	2	3	-	2
AVG	-	-	-	-	-	-	2	3	-	2

26CBAF11	FINANCIAL ACCOUNTING -PRINCIPLES & PRACTICES I Common for B.Com (AF&FA), B.Com(G), B.Com(D&E),B.Com CS)	L	T	P	SL	C
		4	0	0	4	4
	COURSE OBJECTIVES ● To remember the meaning, definition, functions, concepts, and conventions of accounting, along with the basic procedure of journal, ledger, subsidiary books, cash book, and trial balance. ● To understand the meaning and purpose of final accounts and the treatment of common adjustments such as closing stock, outstanding and prepaid expenses, accrued and unearned income, depreciation, bad debts, provision for doubtful debts, and interest on capital/drawings. ● To apply the procedure for preparing Trading Account, Profit and Loss Account, Balance Sheet, and Bank Reconciliation Statement under different balance situations. ● To analyse the relevant Accounting Standards such as AS 2, AS 3, AS 6, AS 10, AS 14, AS 20, AS 25, and AS 26 for appropriate accounting treatment and reporting. ● To evaluate the methods and accounting treatment of depreciation, including straight line method, diminishing balance method, journal entries, ledger accounts, and treatment of assets sold or discarded.					
UNIT I	INTRODUCTION TO ACCOUNTING					12 Hours
	Meaning and definition of accounting- functions of accounting – accounting concepts and conventions - Journal, Ledger, subsidiary books including cash book – trial balance.					
UNIT II	PREPARATION OF FINAL ACCOUNTS					12 Hours
	Meaning and purpose of final accounts - Preparation of Trading Account, Profit & Loss Account, and Balance Sheet – Treatment of common adjustments in final accounts: Adjustments for treatment of Closing stock, outstanding/prepaid expenses, accrued/unearned income, depreciation, bad debts, provision for doubtful debts, interest on capital/drawings- Treatment of abnormal items - Goods distributed as free samples, goods destroyed by fire/theft.					
UNIT III	ACCOUNTING STANDARDS					12 Hours
	Accounting standards relating to Valuation of Inventories (AS 2), Cash flow statement (AS 3), Depreciation accounting (AS 6), Fixed Assets (AS - 10), Amalgamations (AS - 14), Earnings per share (AS 20), Interim Financial Reporting (AS 25), Intangible Assets (AS 26).					
UNIT IV	BANK RECONCILIATION STATEMENT					12 Hours
	Meaning and need for Bank Reconciliation Statement- Difference between Cash Book and Pass Book/Bank Statement- Reasons for disagreement between cash book and pass book balance- Preparation when balance as per Cash Book is given- Preparation when balance as per Pass Book is given- Preparation with overdraft balance.					
UNIT V	DEPRECIATION Meaning, causes and need for depreciation – Journal entries and ledger accounts for depreciation- Methods of depreciation –straight line method – diminishing balance method- Treatment of depreciation when asset is sold or discarded					12 Hours

Total: 60 Hrs**Self Learning:60 Hrs****Text Books:**

1. T.S.Reddy & A.Murthy, “Financial Accounting”, Margham Publications, 7th Edition, 2011.
2. P.C. Tulsian, “ Financial Accounting”, S.Chand,2nd Edition, 2023.

Reference Books:

1. Assish K. Bhattacharyya, “Financial Accounting”, Prentice of Hall of India, 6th Edition,2022.
2. Tulsian, P.C. & Tulsian, Bharat. Financial Accounting for B.Com. (Hons.). 2nd ed. New Delhi: S. Chand, 2023.
3. Bhattacharyya, Asish K. Essentials of Financial Accounting for Business Managers. 6th Edition New Delhi: Prentice of Hall of India, 2022.

WEBLINKS::

Institute of Chartered Accountants of India (ICAI)

[ICAI Official Website](#)

ICAI – Accounting Standards Board

[ICAI Accounting Standards Board](#)

ICAI Board of Studies

[ICAI Board of Studies](#)

Accounting Daily

[Accounting Daily](#)

Eduyush – IFRS and Accounting Courses

[Eduyush Accounting Courses](#)

FinPro Consulting – IFRS Training

[FinPro Consulting IFRS Training](#)

ICA Edu Skills – Accounting and Taxation Courses

[ICA Edu Skills](#)

Rachna Jaggi IFRS Learning

[Rachna Jaggi IFRS Learning](#)

Investopedia – Accounting Concepts

<https://www.investopedia.com/accounting-4689743>

NPTEL LINKS

<https://onlinecourses.nptel.ac.in/e>

https://onlinecourses.nptel.ac.in/e-learning/preview/noc25_mg121

COURSE OUTCOMES

At the end of the course, students will be able to-

COURSE OUTCOMES	DESCRIPTION	KNOWLEDGE LEVELS
CO1	Understand the fundamental concepts, principles, and conventions of financial accounting.	K2
CO2	Prepare journal entries, ledger accounts, subsidiary books, and trial balance by applying accounting principles .	K3
CO3	Comprehend the method of preparing Trading Account, Profit and Loss Account, and Balance Sheet with necessary adjustments	K3
CO4	Analyze the application of Accounting Standards and accounting treatment in financial reporting.	K4
CO5	Understand the concept of depreciation and prepare accounts relating to asset disposal using appropriate accounting methods.	K 2

COURSE ARTICULATION MATRIX

CO\PO /PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	-	-	-	-	2	-	2	-	-	-
CO2	-	-	3	2	3	-	-	-	-	-
CO3	3	3	-	-	-	-	-	-	-	-
CO4	2	-	-	-	3	-	3	-	-	-
CO5	3	3	2	-	-	-	-	-	-	-
Avg	2.6	3.0	2.5	2.0	2.6	-	2.5	-	-	-

26CBAF12	PRINCIPLES OF MANAGEMENT Common for B.Com (AF&FA), B.Com(G), B.Com(D&E),B.Com CS)	L	T	P	SL	C
		4	0	0	4	4
- COURSE OBJECTIVES - To understand the basic concepts, nature, scope, functions, levels, roles and skills of management. - To comprehend the evolution of management thought, including classical, behavioural, systems and contingency approaches and to enable them to analyze and understand the environment of the organization. - To apply planning and decision-making concepts such as types of plans, forecasting, decision-making techniques and MBO in business situations - To analyse the process of organizing and staffing, including organization structure, delegation, decentralization, recruitment, selection, training and performance appraisal. - To evaluate the importance of directing, leadership, motivation, communication, controlling, coordination, ethics, CSR and sustainability in modern management practices						
UNIT I	INTRODUCTION AND EVOLUTION OF MANAGEMENT THOUGHT					12 Hours
Management – Meaning – Definition – Importance – Nature and Scope – Process –Functions of Management – Role of Manager – Levels of Management – Development of Scientific Management – Contribution of Henry Fayol and F.W. Taylor.						
UNIT II	PLANNING AND DECISION MAKING					12 Hours
Planning – Nature - Importance – Forms – Types – Steps in Planning – Objectives –Policies – Procedures, methods of Decision Making – Process of decision making – Types of Decisions.						
UNIT III	ORGANISATION STRUCTURE					12 Hours
Organizing Process – Meaning and Definition, Characteristics, Process, Need and Importance, Principles, Span of Management. Organizational Structure – Line Organization, Line and Staff, Functional, Project, Matrix and Virtual. Informal Organization – Meaning, Characteristics, Importance, Limitations, Difference between Formal and Informal Organization.						
UNIT IV	AUTHORITY AND RESPONSIBILITY AND RECRUITMENT PROCESS AND TRAINING					12 Hours
Authority – Delegation – Decentralization – Responsibility – Recruitment - Sources – Selection – Stages In Selection – Training - Benefits of Training – Methods of Training.						
UNIT V	CO - ORDINATION AND CONTROL					12 Hours
Co- ordination – Need - Principles of Co-ordination – types of Co-ordination – Controlling – Importance – Steps in Controlling						

Total: 60 Hrs**Self Learning:60 Hrs**

TEXT BOOKS:

1. P.C. Tirpathi & P.N. Reddy, "Principles Of Management" McGraw Hill New Delhi, 7th Edition, 2021.
2. J.Jayashankar, "Business Management", 1st Edition Margham Publication, Chennai, 2004

REFERENCE BOOKS:

1. N.Premavathi, "Principles of Management", 2nd Edition Sri Vishnu Publication, Chennai, 2003.
2. Weirich And Koontz, "Management – A Global ,Innovative and Entrepreneurial Perspective", 15th Edition, 1993

NPTEL LINK

https://onlinecourses.nptel.ac.in/e-learning/preview/noc25_mg52

COURSE OUTCOMES:

At the end of the course, students will be able to

COURSE OUTCOMES	DESCRIPTION	KNOWLEDGE LEVELS
CO1	Understand management techniques, theories and policies	K2
CO2	Study different organization structures and their significance.	K2
CO3	Comprehend the functions of management in organizational contexts.	K3
CO4	Examine leadership styles and motivational theories	K4
CO5	Analyse planning, decision making and control system.	K4

COURSE ARTICULATION MATRIX

COs /POs/ PSOs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	3	-	2	-	-	-	2	-	-	-
CO2	2	-	-	2	3	-	-	-	-	-
CO3	-	2	2	-	3	-	-	-	-	2
CO4	2	-	-	-	3	-	-	3	-	-
CO5	-	3	-	-	3	2	-	-	-	-
AVG	2.3	2.5	2	2	3	2	2	3	-	2

26MBAF11	MICRO ECONOMICS IN BUSINESS DECISION MAKING	L	T	P	SL	C
		3	0	0	3	3
COURSE OBJECTIVES: ● Apply microeconomic principles to business decisions. ● Analyze market structures and competition. ● Understand consumer behavior and demand. ● Make informed decisions on pricing and production						
UNIT I	INTRODUCTION TO MICROECONOMICS	9 Hours				
Basic concepts: demand, supply, equilibrium - Market forces and business decisions						
UNIT II	CONSUMER BEHAVIOR	9 Hours				
Utility theory and consumer equilibrium- Indifference curves and budget constraints- Demand analysis and elasticity						
UNIT III	MARKET STRUCTURES	9 Hours				
Perfect competition: characteristics and decisions -Monopoly: pricing and output decisions- Oligopoly: strategic interactions and game theory						
UNIT IV	PRODUCTION AND COSTS	9 Hours				
Production functions and isoquants- - Cost analysis: short-run and long-run Economies of scale and scope						
UNIT V	BUSINESS APPLICATIONS	9 Hours				
Pricing decisions: strategies and techniques- Output decisions: profit maximization- Strategic decision-making: entry, exit, and competition						

Total: 45 Hours**Self-Learning: 45 Hours****TEXT BOOKS:**

1. Dwivedi, D.N. Managerial Economics, 9th Edition, 2023. Vikas Publishing House Pvt. Ltd.
2. Pindyck, R.S. & Rubinfeld, D.L. Microeconomics, 9th Edition, 2018. Pearson Education.Education.

REFERENCE BOOKS:

1. Mehta, P.L. Managerial Economics, 15th Edition, 2022. Sultan Chand & Sons.
2. Ahuja, H.L. Managerial Economics, 21st Edition, 2023. S. Chand & Company Ltd.

3. Baye, M.R. & Prince, J.T. Managerial Economics and Business Strategy, 10th Edition, 2020. McGraw Hill Education
4. Mankiw, N.G. Principles of Microeconomics, 9th Edition, 2021. Cengage Learning.

NPTEL LINKS

<https://nptel.ac.in/courses/110105146>

<https://nptel.ac.in/courses/110104127>

<https://nptel.ac.in/courses/110107119>

COURSE OUTCOMES:

At the end of the course, students will be able to

COURSE OUTCOMES	DESCRIPTION	KNOWLEDGE LEVELS
CO1	Explain basic concepts of demand, supply and market equilibrium.	K2
CO2	Analyze consumer behavior using utility theory and elasticity.	K3
CO3	Evaluate firm decisions under different market structures.	K3
CO4	Apply production and cost analysis for business decisions.	K2
CO5	Use microeconomic tools for pricing, output and strategic decisions	K4

COURSE ARTICULATION MATRIX

COs /POs/PSOs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	-	-	2	-	2	1	3	2	-	-
CO2	-	-	2	-	2	2	2	2	-	-
CO3	-	-	2	1	2	2	2	2	1	-
CO4	2	2	2	1	2	2	-	3	2	1
CO5	2	2	2	3	2	2	2	2	2	2
AVG	2	2	2	1.67	2	1.8	2.25	2.25	1.67	2

26EBAF11	BASIC MATHEMATICS FOR SOCIAL SCIENCES	L	T	P	SL	C
		3	0	0	3	3
COURSE OBJECTIVES - To develop fundamental mathematical skills required for social science applications. - To understand basic concepts of sets, functions, matrices, calculus, and statistics. - To apply mathematical techniques in analyzing social, economic, and demographic data. - To develop problem-solving abilities using quantitative methods. - To enable the use of mathematical models in social science research and decision-making.						
UNIT I	SETS AND FUNCTIONS					9 Hours
Set theory basics: union, intersection, complement - Relations and functions: types, properties - Applications in social sciences						
UNIT II	LINEAR ALGEBRA					9 Hours
Matrices: operations, types, transpose- Determinants: properties, inverses - Systems of linear equations						
UNIT III	CALCULUS					9 Hours
Limits and continuity: basics - Differentiation: rules, applications - Maxima and minima						
UNIT IV	STATISTICS					9 Hours
Descriptive statistics: measures, graphs - Probability basics: concepts, rules - Distributions: normal, binomial						
UNIT V	APPLICATIONS					9 Hours
Population growth models- - Economic models: supply, demand- Social science research applications						

Total 45 Hrs

Self Learning 45 Hrs

TEXT BOOKS

1. Sancheti, D.C. and Kapoor, V.K. *Business Mathematics*, Sultan Chand & Sons, New Delhi, 11th Edition.
2. Navaneetham, P. *Business Mathematics and Statistics*, Jai Publishers, Tiruchirappalli, Latest Revised Edition.
3. Jacques, Ian. *Mathematics for Economics and Business*, Pearson Education, 10th Edition, 2024.
4. Thukral, J.K. *Mathematics for Business Studies*, Mayur Publications, Latest Edition.
5. Arora, P.N. and Sumeet Arora. *Business Mathematics*, S. Chand Publishing, Latest Edition.

REFERENCE BOOKS

1. Gupta, S.C. and Kapoor, V.K. *Fundamentals of Mathematics and Statistics*, Sultan Chand & Sons, New Delhi, Latest Revised Edition.

2. Zameeruddin, Qazi., Khanna, V.K. and Bhambri, S.K. *Business Mathematics*, Vikas Publishing House Pvt. Ltd., New Delhi, Latest Edition.
3. Dowling, Edward T. *Introduction to Mathematical Economics*, McGraw-Hill Education, 4th Edition.
4. Sydsaeter, Knut., Hammond, Peter., Strøm, Arne and Carvajal, Andrés. *Essential Mathematics for Economic Analysis*, Pearson Education, 5th Edition.
5. Levin, Richard I., Rubin, David S., Ahuja, Rashmi and Siddiqui, Masood H. *Statistics for Management*, Pearson Education, 8th Edition.
6. Weiss, Neil A. *Introductory Statistics*, Pearson Education, 11th Edition.

WEB LINKS

- [NPTEL Official Portal](#)
- [SWAYAM Online Courses](#)
- [Khan Academy – Statistics and Probability](#)
- [MIT OpenCourseWare – Mathematics Resources](#)
- [OpenStax Statistics Textbook](#)
- [National Digital Library of India \(NDLI\)](#)

NPTEL C

1. [Mathematics for Economics](#)
2. [Introduction to Probability and Statistics](#)
3. [Linear Algebra and Applications](#)
4. [Business Statistics](#)



COURSE OUTCOMES

At the end of the course, students will be able to

COURSE OUTCOMES	DESCRIPTION	KNOWLEDGE LEVELS
CO1	Explain the concepts of sets, relations, and functions and their applications in social sciences.	K2
CO2	Apply matrix operations, determinants, and methods for solving systems of linear equations.	K3
CO3	Use differentiation techniques to solve optimization and other social science problems.	K3
CO4	Interpret statistical measures, probability concepts, and probability distributions for data analysis..	K2
CO5	Analyze population growth, economic models, and research problems using mathematical tools.	K4

COURSE ARTICULATION MATRIX

COs /POs/PSOs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	-	-	2	-	-	-	2	-	2	-
CO2	-	-	-	2	3	-	-	-	-	-
CO3	-	2	2	-	3	-	-	-	-	2
CO4	2	-	-	-	3	-	-	3	-	
CO5	-	3	-	-	3	2	-	-	-	-
AVG	2	2.5	2	2	3	2	2	3	2	2.5



26PSSK12	COMMUNICATION SKILLS	L	T	P	SL	C
		0	0	4	4	2
<u>Course Objectives:</u> - To improve speaking and presentation skills. - To build reading and writing skills for academic and professional use. - To prepare students for job communication (resume, GD, interview)						
UNIT I	Fundamentals of Communication & Basic LSRW Skills	6 hours				
Listening: Listening for specific information (MCQs) Speaking: Self-introduction; talking about likes and dislikes; greetings Reading: Skimming, scanning, and detailed comprehension Writing: Formal letters (job application), resume basics, problem–solution writing Language Lab / Practical: - Digital literacy: E- resources - Practice: Self-introduction, JAM (Just a Minute)						
UNIT II	Listening & Speaking Strategies in Context	6 hours				
Listening: Conversations, advertisements, small talks, TED talks, summarizing, Speaking: Impromptu talks, speech writing, mini-presentations, AI-based speaking and Pronunciation tools Reading: Identifying arguments and main ideas in texts Writing: Writing Instruction, Checklist Preparation, Paragraph writing, Language Lab / Practical: - Blog creation, online quizzes, and Kahoot activities - Practice: Conversation Drills, Prompting Conversation Listening: Note-taking from audio/text recitation Speaking: Discussion on fear, society, and behaviour Reading: Skimming, scanning, and interpretation of textual features Writing: Reflective paragraph writing						
UNIT III	Reading, Technical Writing & Analytical Skills	6 hours				
Listening: Listening to debates/Academic discussions and extracting key points Speaking: Participating in group discussions, AI for Presentation using prompts Reading: Extracting specific information; note-making						

● Writing: Framing open-ended /closed ended questions, sequencing sentences, Report writing, and précis writing Language Lab / Practical: ● PowerPoint presentations, Slide Share tools ● Practice: Reading comprehension, report writing, statement of purpose		
UNIT IV	Critical Thinking & Presentation	6 hours
● Listening: Understanding instructions, interpretations & recommendations ● Speaking: Formal presentations, public speaking ● Reading: Classification and interpretation of information ● Writing: Instructions, recommendations, user manuals Language Lab / Practical: ● Online discussion forums and collaborative tools ● Practice: Book/film review, presentation delivery.		
UNIT V	Professional & Workplace Communication	6 hours
● Listening: Workplace communication. ● Speaking: Group discussions, interviews, persuasive communication, negotiation ● Reading: Professional documents and job-related texts ● Writing: Cover letters, resumes, formal emails, Process Descriptions Language Lab / Practical: ● Digital tools for communication and presentations ● Practice: Mock interviews, GDs		

Total: 30 Hours

Self-Learning: 30 Hours

Text Books

- Kumar, Sanjay, and Pushp Lata. *Communication Skills*. Pearson Education, 2018.
- Bovée, Courtland L., and John V. Thill. *Business Communication Today*. 14th ed., Pearson, 2020.
- Raman, Meenakshi, and Sangeeta Sharma. *Technical Communication: Principles and Practice*. 3rd ed., Oxford University Press, 2015.
- Kumar, Kulbhushan. *Effective Communication Skills*. Khanna Publishing House, 2018.
- Mohan, Krishna, and Meera Banerji. *Developing Communication Skills*. 2nd ed., Macmillan Education, 2018.

References

- Sharma, R. C., and Krishna Mohan. *Business Correspondence and Report Writing: A Practical Approach to Business and Technical Communication*. 5th ed., McGraw-Hill Education, 2017.
- Mitra, Barun K. *Personality Development and Soft Skills*. 2nd ed., Oxford University Press, 2016.
- Sasikumar, V., P. Kiranmai Dutt, and Geetha Rajeevan. *A Course in Listening and Speaking I*. Cambridge University Press, 2005
- Murphy, Raymond. *English Grammar in Use*. 5th ed., Cambridge University Press, 2019.
- Lewis, Norman. *Word Power Made Easy*. Revised ed., Goyal Publishers & Distributors, 2014.

WEBSITES

- Purd Online Writing Lab. "OWL." *Purdue University*, <https://owl.puPPRDue.edu/>.
- TED. "TED Talks." *TED Conferences*, <https://www.ted.com/talks>.
- British Council. *Learn English*. British Council ,<https://learnenglish.britishcouncil.org/>

COURSE OUTCOMES

After completion of the course, the student will be able to:

COURSE OUTCOMES	DESCRIPTION	KNOWLEDGE LEVEL
CO1	Understand basic communication skills including listening, speaking, reading, and writing fundamentals.	K1
CO2	Apply listening and speaking strategies in real-life and academic communication contexts.	K2
CO3	Analyze reading and writing skills for technical communication, reports, and academic tasks.	K4
CO4	Evaluate critical thinking and presentation skills for effective communication and interpretation.	K5
CO5	Apply professional communication skills including interviews, group discussions, and workplace writing.	K3

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO 8	PO9	PSO1	PSO2
CO1	-	-	-	-	-	-	-	2	-	-	-
CO2	-	-	-	-	-	-	-	3	-	-	-
CO3	-	2	-	-	-	-	-	3	-	-	2
CO4	-	2	-	-	-	-	-	3	2	-	-
CO5	-	-	-	-	-	2	-	3	3	-	-
Avg	-	2	-	-	-	2	-	2.8	2.5	-	2

SEMESTER II



26LTAM21	TAMIL-II	L	T	P	SL	C
		3	0	0	3	3

பாடத்திட்ட நோக்கம்:

மாணவர்களிடம் தமிழரின் நாகரிகம் மற்றும் பண்பாட்டு மரபினை அறிமுகம் செய்தல் தமிழ் இலக்கிய காப்பியச் செழுமையையும் பக்தி இலக்கிய மாண்பையும் உணர்த்துதல், தமிழ்க் கவிதை வளத்தையும் அதன் பொருண்மைகளையும் எடுத்துரைத்தல், ஊடகம்- கணினி- செயற்கை நுண்ணறிவு போன்ற நவீன அறிவுசார் வளர்ச்சி நிலைகளைப் பயன்பாட்டு நோக்கில் பயிற்சியளித்தல், இதன் வாயிலாக மாணவர்களின் ஆளுமைத் திறனை மேம்படுத்தி அவர்களை போட்டித் தேர்வுகளுக்கு தயார் செய்வதும் வேலைவாய்ப்பிற்கான பயிற்சி அளிப்பதும் இந்தப் பாடத்திட்டத்தின் முக்கிய நோக்கமாகும்.

அலகு 1	தமிழர் வாழ்வும் பண்பாடும்	9 மணி நேரம்
பண்பாடு – வாழ்வியல் முறை – அகம், புறம் - உணவு முறை - விருந்தோம்பல் - நம்பிக்கைகள் – விழாவும் வழிபாடும் - கலைகள் - கட்டடம் - சிற்பம் - ஓவியம் - இசை – கூத்து – தொழிலும் வணிகமும் – அறிவியல் நோக்கு.		
அலகு 2	காப்பியங்கள்	9 மணி நேரம்
1. சிலப்பதிகாரம் – ஆய்ச்சியர் குரவை 2. மணிமேகலை – காதை 19 - உலக அறவி புக்க காதை 3. கம்பராமாயணம் – மந்தரை சூழ்ச்சிப் படலம் (பாடல் எண் தேர்ந்தெடுக்கப்பட்ட 9 பாடல்கள்)		
அலகு 3	பக்தி இலக்கியம்	9 மணி நேரம்
திருமூலர் - திருமந்திரம் – மூன்று பாடல்கள் ✓ உடம்பார் அழியின் உயிரார் அழிவர் (திருமந்திரம்: 724) ✓ மனையுள் இருந்தவர் மாதவர் ஒப்பர் (திருமந்திரம்:47) ✓ மரத்தை மறைத்தது மாமத யானை (திருமந்திரம்: 2290) தேம்பாவணி - காட்சிப் படலம் முதல் 5 பாடல்கள் சீறாப்புராணம் - மானுக்கு பிணை நின்ற படலம்		

அலகு 4	கவிதை இலக்கியம்	9 மணி நேரம்
	- பாரதியார் - செந்தமிழ் நாடு- செந்தமிழ் நாடெனும் போதினிலே எனும் கவிதை (பாடல் எண் 1.6, 7, 8, 9, 10) - பாரதிதாசன் - இசையமுது- "தூய்மை சேரடா தம்பி" என்று தொடங்கும் பாடல் - கவிக்கோ அப்துல் ரகுமான் - ஆலாபனை- போட்டி எனும் தலைப்பில் அமைந்த கவிதை - நா.முத்துக்குமார் - பட்டாம்பூச்சி விற்பவன்- தூர் எனும் தலைப்பில் அமைந்த கவிதை - இளம்பிறை - நீ எழுத மறுக்கும் எனதழகு - அம்மா எனும் தலைப்பில் அமைந்த கவிதை	
அலகு 5	ஊடகத் தமிழ் - கணினித் தமிழ் அறிமுகம்	9 மணி நேரம்
	ஊடகத் தமிழ்: இதழியல் - ஊடக வகைகள் - அச்ச ஊடகங்கள் - மின்னணு ஊடகம் - ஊடகங்களில் தமிழ், ஊடகங்களின் மொழி நடை - வானொலி- தொலைக்காட்சி- திரைப்படம். கணினித் தமிழ்: கணினியும் தமிழும், தமிழ் மென்பொருள்கள் (Tamil software) - எழுத்துருக்கள் (Fonts) - இணையமும் தமிழ்ப் பயன்பாடும் - மின்னூலகம் (Online e-Library), மின்னகராதி (e-Dictionary), - மின்வழிக் கற்றல் - e Learning - பயன்பாட்டு நோக்கில் செயற்கை நுண்ணறிவு.	

மொத்தம்; 45 மணிநேரம்

சுய கற்றல்: 45 மணிநேரம்

பார்வை நூல்கள்

- 1.தமிழர் நாகரிகமும் பண்பாடும், டாக்டர் அ. தட்சிணாமூர்த்தி, ஐந்திணைப் பதிப்பகம், 2001.
- 2.இதழியல் கலை, டாக்டர் மா. பா. குருசாமி, குரு - தேமொழி பதிப்பகம், திண்டுக்கல், 1998.
- 3.கணிப்பொறியில் தமிழ், த.பிரகாஷ், பெரிகாம், 2011.
- 4.தமிழ்க் கணினி இணையப் பயன்பாடுகள், முனைவர் துரை. மணிகண்டன், மணிவானதி பதிப்பகம், 2013.
- 5.அச்சக் கலை வழிகாட்டி, பாலசுப்பிரமணியன், ஆ. சென்னை: தனசு பதிப்பகம், 1966

பாடநூல் தேடலுக்கான இணையம்

<http://www.tamilvu.org/courses/nielit/Chapters/Chapter1/11.pdf>

COURSE OUTCOMES

After completion of the course, the student will be able to

COURSE OUTCOMES	DESCRIPTION	KNOWLEDGE LEVEL
CO1	தமிழரின் வாழ்வியல், பண்பாடு, உணவு முறை, விருந்தோம்பல், நம்பிக்கைகள், கலைகள், தொழில், வணிகம் மற்றும் அறிவியல் நோக்கு ஆகியவற்றை விளக்க முடியும்.	K2
CO2	சிலப்பதிகாரம் மணிமேகலை, கம்பராமாயணம் போன்ற தமிழ் காப்பியங்களின் இலக்கியச் சிறப்புகளையும் கருத்துகளையும் புரிந்து விளக்க முடியும்.	K2
CO3	சிலப்பதிகாரம், மணிமேகலை, கம்பராமாயணம் போன்ற தமிழ் காப்பியங்களின் இலக்கியச் சிறப்புகளையும் கருத்துகளையும் புரிந்து விளக்க முடியும்.	K4
CO4	பாரதியார், பாரதிதாசன், அப்துல் ரகுமான், நா. முத்துக்குமார், இளம்பிறை ஆகியோரின் கவிதைகளில் உள்ள சமூகச் சிந்தனை, மொழிநயம் மற்றும் கருத்துப் பொருளை மதிப்பீடு செய்ய முடியும்.	K5
CO5	ஊடகத் தமிழ், கணினித் தமிழ், தமிழ் மென்பொருள்கள், இணையத் தமிழ் பயன்பாடு, மின்னூலகம், மின்னகராதி, மின்வழிக் கற்றல் மற்றும் செயற்கை நுண்ணறிவு பயன்பாடுகளை நடைமுறையில் பயன்படுத்த முடியும்.	K3

COURSE ARTICULATION MATRIX

COs / POs- PSOs	PO1	PO2	PO3	PO4	PO5	PO6	PO 7	PO 8	PSO1	PSO2
CO1	-	-	-	-	-	-	2	-	2	-
CO2	-	-	-	-	-	-	2	-	-	2
CO3	-	-	-	-	-	-	2	-	-	2
CO4	-	-	-	-	-	-	2	3	-	2
CO5	-	-	-	-	-	-	2	3	-	2
Avg	-	-	-	-	-	-	2	3	-	2



26LHIN21	HINDI-II	L	T	P	SL	C
		3	0	0	3	3
<u>COURSE OBJECTIVES:</u> ● To introduce students to Hindi and Indian civilization and cultural heritage ● To make them understand the richness of Hindi and Indian epics and the greatness of devotional literature ● To provide practical training in modern intellectual developments such as translation, advertisement and to develop students' skills, for competitive examinations, and provide employment-oriented training are the major objectives of this syllabus.						
UNIT I						9 hours
हिन्दी साहित्य का इतिहास - आदि काल, मध्यकाल, आधुनिक युग -सामान्य परिचय, प्राचीन युग - नैतिक साहित्य - तिरुक्कुरल - 5 दोहे (तिरुवल्लुवर),भक्ति काल - नैतिक साहित्य - वेमना (वेमना) के पद - History of Hindi Literature – Ancient, medieval, modern era – General Introduction, Ethical Literature - Thirukkural - 5 couplets (Thiruvalluvar), Bhakti Kal - Ethical Literature - Vemana Pad - 3 (Vemana)						
UNIT II						9 hours
भक्ति काल - नैतिक साहित्य - कबीर के दोहे- 5 (कबीरदास), -भ्रमरगीत के पद-1 (सूरदास), कौशल विकास - प्रश्न निर्माण - अभ्यास Bhakti Kal - Ethical Literature - Kabir ke Dohe - 5 (Kabirdas), Bhramargeet ke Pad -1 (Surdas), Skill Development - Question framing – Exercise						
UNIT III						9 hours
भक्ति काल - विनय के पद- 1 (तुलसीदास), कम्ब रामायण के पद - 2 (कम्बर) Bhakti Kal - Vinay ke Pad - 1(Tulsidas), Kambaramayan ke Pad - 2 (Kambar)						
UNIT IV						9 hours

आधुनिक युग - पुष्प की अभिलाषा (माखनलाल चतुर्वेदी), कौशल विकास - अनुवाद : अर्थ, परिभाषा, प्रकार एवं अभ्यास Modern Era - Pushpa ki Abhilasha (Makhanlal Chaturvedi), Skill Development - Translation: Meaning, Definition & Exercise		
UNIT V		9 hours
आधुनिक युग - बीज व्यथा (ज्ञानेंद्रपति), कौशल विकास - 'विज्ञापन लेखन : अर्थ, परिभाषा, प्रकार एवं अभ्यास Modern Era - Beej Vyatha (Gyanendrapathi), Skill Development – Advertisement : Meaning, Definition & Exercise		

Total: 45 Hours**Self Learning: 45 Hours****संदर्भ ग्रन्थ/ Reference Books:**

1. Hindi Sahitya Ka Itihas, Ramchandra Shukla, Nagari Pracharini Sabha, Varanasi
2. Thirukkural, Hindi Translator: M. Govindarajan, Central Institute of Classical Tamil, Chennai
3. Vemana ki vaani, Hindi Translator: Dr. Suryanarayan Bhanu, Potti Sriramulu Telugu University
4. Kabir Granthavali Kabir, Rajkamal Prakashan
5. Sursagar, Surdas, Lokbharti Prakashan
6. Vinay Patrika, Tulsidas, Gita Press, Gorakhpur
7. Kambaramayan, Bhuvan Vani Trust, Lucknow
8. Him Tarangini, Makhanlal Chaturvedi, Bharati Bhandar
9. Anuvaad Vigyan, Dr. Bholanath Tiwari, Kitab Mahal
10. Gyanendra Pati Ki Kavitaayein, Gyanendra Pati, Rajkamal Prakashan
11. Prayojanmoolak Hindi, Dr. Kailash Chandra Bhatia, Vani Prakashan
12. Vyavaharik Hindi – Dr. Hardev Bahri – Rajpal & Sons

वेब लिंक्स/ Web Links:

1. <https://www.cict.in>
2. <https://vaniprakashan.com>

3. <https://www.rajkamalprakashan.com>

4. <https://www.gitapress.org>

5. <https://www.tamiluniversity.ac.in>

COURSE OUTCOMES

After completion of the course, the student will be able to:

COURSE OUTCOMES	DESCRIPTION	KNOWLEDGE LEVEL
CO1	Know various types of poetry in Indian languages, culture, moral values, along with the history of Hindi literature.	K1
CO2	Know the richness of ethical and Bhakti literature in Hindi language with cultural and moral values.	K2
CO3	Know the importance of Bhakti literature.	K2
CO4	Apply the value of patriotism and proficiency in Hindi translation.	K4
CO5	Know about modern poetry and develop skills for competitive examinations.	K1

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO 8	PO9	PSO1	PSO2
CO1	-	-	-	-	-	3	-	-	-	-	-
CO2	-	-	-	-	-	3	-	-	-	-	-
CO3	-	-	-	-	-	3	-	-	-	-	-
CO4	-	-	-	-	-	-	-	2	-	-	-
CO5	-	-	-	-	-	-	-	-	3	-	-
Avg	-	-	-	-	-	3	-	2	3	-	-

26LFRE21	FRENCH-II	L	T	P	SL	C
		3	0	0	3	3
<u>COURSE OBJECTIVES:</u> ● To express his / her whereabouts and to ask seek direction ● To express obligation and restriction ● To describe a place ● To narrate and to question ● To describe someone ● To express his desire and to speak about the future						
UNIT I	C'est où	10 hours				
L'impératif, Les articles contractés au, à la..., Le passé composé et l'accord du participe passé avec être.						
UNIT II	N'oubliez pas	6 hours				
Le pronom relatif Qui, que, où, Les pronoms compléments indirects (me, te, lui, leur...) Skill Development - Question framing – Exercise						
UNIT III	Belle vue sur la mer	6 hours				
Les adjectifs démonstratifs, Y- pronom complément.						
UNIT IV	Quel beau voyage!	8 hours				
Les verbes pronominaux, En- pronom complément.						
UNIT V	Oh ! joli	10 hours				
L'imparfait, L'imparfait ou le passé composé.						
UNIT VI	Et après ?	5 hours				
Le futur simple, Le subjonctif présent.						

Total: 45 Hrs

Self Learning: 45 Hrs

Text Book:

1. LATITUDES 1 (A1/A2) MÉTHODE DE FRANÇAIS - Régine Mérieux and Yves Loiseau

Reference book:

1. SAISON A1 - MÉTHODE DE FRANÇAIS - Marie-Noëlle Cocton, Élodie Heu, Catherine Houssa, Émilie Kasazian

COURSE OUTCOMES

After completion of the course, the student will be able to

COURSE OUTCOMES	DESCRIPTION	KNOWLEDGE LEVEL
CO1	Recall and express one's whereabouts and ask for directions.	K1
CO2	Understand and express obligation and restrictions in daily communication.	K2
CO3	Apply language skills to describe a place using appropriate vocabulary.	K3
CO4	Analyze and narrate events and frame questions effectively.	K4
CO5	Apply language structures to describe a person.	K3

COURSE ARTICULATION MATRIX

COs / POs-PSOs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	-	-	-	-	-	-	2	-	-	-
CO2	-	-	-	-	-	-	2	-	-	-
CO3	-	-	-	-	-	-	2	-	-	-
CO4	-	-	-	-	-	-	2	3	-	-
CO5	-	-	-	-	-	-	2	3	-	-
AVG	-	-	-	-	-	-	2	3	-	-

26LIBB21	INDIAN SIGN LANGUAGE -(ADVANCED)	L	T	P	SL	C
		3	0	0	3	3
COURSE OBJECTIVES ● To Master Advanced Linguistic Structures: Enable students to understand and apply fundamental grammatical components—including nouns, verbs, and descriptive adjectives—to construct structurally correct sentences in Indian Sign Language (ISL). ● To Expand Domain-Specific Vocabulary: Equip learners with specialized lexicon and technical signs related to diverse professions, academic subjects, sports, culinary items, and civic/roadway infrastructure. ● To Develop Real-World Situational Fluency: Train students to conduct real-time, functional conversations and handle transactional requests in high-frequency public service areas. ● To Cultivate Environment-Based Communication Adaptability: Foster the ability to seamlessly adapt signing styles, contextual terminology, and conversational registers according to specific immediate environments.						
UNIT I	ADVANCED CORE VOCABULARY & GRAMMAR					9 Hours
Subject , Sports , Noun , and Verb.						
UNIT II	VOCATIONS, GEOGRAPHY & CULINARY TERMS					9 Hours
Professions , Places , Dishes & Spices , and Roadways.						
UNIT III	QUALIFIERS & CIVIC LITERACY					9 Hours
Adjectives, Government Related Items , and Calendar Items.						
UNIT IV	SITUATIONAL SIGN LANGUAGE					9 Hours
Shopping, Hospital, Police Station , and Bus Stop.						
UNIT V	ENVIRONMENT-BASED SIGN LANGUAGE					9 Hours
Home, Office , Hotel , and School/College.						

Total: 45 Hours

Self-Learning: 45 Hours

TEXT BOOKS

1. Indian Sign Language Dictionary – Ramakrishna Mission Vidyalaya, IHRDC, Coimbatore

REFERENCE BOOKS

1. Sign Language in India: A Linguistic Exploration – Dr. Sandeep Sharma Jat
2. The Indian Sign Language – William P. Clark

COURSE OUTCOMES

After completion of the course, the student will be able to:

COURSE OUTCOMES	DESCRIPTION	KNOWLEDGE LEVEL
CO1	Grammar & Foundations: Construct grammatically correct sentences in Indian Sign Language (ISL) by accurately applying rules of noun-verb agreement, academic terms, and sports vocabulary.	K3
CO2	Vocations & Infrastructure : Demonstrate vocabulary proficiency in identifying various professions, geographical places, culinary terms, and roadway/traffic navigation signs.	K2
CO3	Qualifiers & Civil Literacy: Utilize descriptive adjectives to modify signs and communicate effectively about time, calendars, and government/administrative matters.	K3
CO4	Situational Public Fluency: Manage independent, real-time communications and transactional interactions in critical public spaces, including shopping centers, hospitals, police stations, and transit hubs.	K4
CO5	Environment-Based Adaptation: Adapt signing registers, conversational tone, and specific vocabularies smoothly across domestic, corporate, hospitality, and academic environments.	K5

COURSE ARTICULATION MATRIX

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	-	-	-	-	-	3	-	-	-	-
CO2	-	-	-	-	3	-	-	2	-	-
CO3	-	-	-	-	3	-	2	2	-	-
CO4	-	-	-	-	2	3	3	-	-	-
CO5	-	-	-	-	-	2	3	3	-	-
AVG	-	-	-	-	2.6	2.6	2.6	2.3	-	-

26LENG21	ENGLISH-II	L	T	P	SL	C
		3	0	0	3	3
<u>Course Objectives:</u> - To appreciate prose, poetry, drama, and short fiction. - To enhance reading and interpretative skills. - To express ideas clearly in speech and writing. - To use appropriate language structures in communication. - To develop effective writing skills across formats						
UNIT I	Grammar & Composition	9 hours				
- Active & Passive Voice - Direct & Indirect Speech - Letter Writing (Formal & Informal) - Creative Writing – Writing stories - Hints Developing						
UNIT II	Prose	9 hours				
- Nadine Gordimer – Once upon a Time E. V. Lucas – Bores Listening: Note-taking from audio/text recitation Speaking: Discussion on fear, society, and behaviour Reading: Skimming, scanning, and interpretation of textual features Writing: Reflective paragraph writing						
UNIT III	Poetry	9 hours				
- Robert Frost – Stopping by Woods on a Snowy Evening - Maya Angelou – Still I Rise Listening: Listening and summarizing the poem Speaking: Explaining poetic lines orally Reading: Reading and inferring contextual meaning Writing: Paraphrase of poems						
UNIT IV	Short stories	9 hours				

• Anton Chekhov – The Bet • O. Henry – After Twenty Years Listening: Story narration and summarizing Speaking: Character discussion and debate Reading: Contextual vocabulary identification Writing: Summary and character sketch		
UNIT V	One-Act Play	9 hours
• Langston Hughes - Soul Gone Home • Lucille Fletcher-Sorry, Wrong Number Listening: Dramatic reading and dialogue comprehension Speaking: Role play and dramatization Reading: Character and conflict analysis Writing: Character sketch/dialogue writing		

Total: 45 Hrs

Self Learning: 45 Hrs

Text Books:

1. Gordimer, Nadine. "Once upon a Time." Jump and Other Stories. Penguin Books, 1991.
2. Lucas, E. V. "Bores." The Best Loved Essays of E. V. Lucas. Methuen & Co., 1923.
3. Frost, Robert. "Stopping by Woods on a Snowy Evening." New Hampshire. Henry Holt and Company, 1923.
4. Angelou, Maya. "Still I Rise." And Still I Rise. Random House, 1978.
5. Hughes, Langston. Soul Gone Home. In Five Plays by Langston Hughes. Indiana University Press, 1963.

Reference Books:

1. Murphy, Raymond. English Grammar in Use. Cambridge University Press, 2019.
2. Wren, P. C., and H. Martin. High School English Grammar and Composition. Revised ed., S. Chand & Company, 2009.

Weblinks:

1. British Council LearnEnglish. British Council,
2. Poetry Foundation. Poetry Foundation, <https://www.poetryfoundation.org/>.

COURSE OUTCOMES

After completion of the course, the student will be able to

COURSE OUTCOMES	DESCRIPTION	KNOWLEDGE LEVEL
CO1	Understand grammar concepts including voice, speech, sentence structure, and composition skills.	K1
CO2	Apply reading and writing skills through prose comprehension and reflective writing tasks.	K2
CO3	Analyse poetry to interpret themes, emotions, and contextual meanings.	K4
CO4	Evaluate short stories by examining characters, themes, and narrative techniques.	K5
CO5	Apply communication and literary skills through one-act plays including dialogue, role play, and interpretation.	K3

COURSE ARTICULATION MATRIX

COs /POs-PSOs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	-	-	-	-	-	-	-	2	-	2
CO2	-	-	-	-	-	-	-	2	-	2
CO3	-	-	-	-	-	-	-	2	-	2
CO4	-	-	-	-	-	-	-	2	-	2
CO5	-	-	-	-	-	-	-	2	-	2
AVG	-	-	-	-	-	-	-	2	-	2

26CBAF21	FINANCIAL ACCOUNTING -PRINCIPLES&PRACTICES	L	T	P	SL	C
	II Common for B.Com(A&F),B.Com (G) B.Com(D&E),B.Com(C	4	0	0	4	4
COURSE OBJECTIVES - To provide students with knowledge of accounting principles and procedures relating to non-profit organizations and partnership firms. - To develop the ability to prepare Receipt and Payment Account, Income and Expenditure Account, and Balance Sheet of non-profit organizations. - To familiarize students with the accounting treatment and methods involved in hire- purchase transactions. - To enable students to understand partnership accounting relating to admission, retirement, death, and dissolution of partners. - To introduce students to computerized accounting practices using accounting software and develop practical skills in company creation, ledger maintenance, and inventory management.						
UNIT I	ACCOUNTING FOR NON- PROFIT ORGANIZATIONS					12 Hours
Meaning -Significance of Receipt and Payment Account, Income and Expenditure Account and Balance Sheet, Difference between Profit and Loss Account and Income and Expenditure Account. Preparation of Receipt and Payment Account, Income and Expenditure Account and Balance Sheet.						
UNIT II	HIRE-PURCHASE ACCOUNTING					12 Hours
Hire purchase – Hire purchase trading account – Debtors system-Stock and debtor system- final accounts system – case studies.						
UNIT III	ADMISSION, RETIREMENT AND DEATH OF A PARTNER					12 Hours
Partnership accounts – admission – retirement – death of a partner						
UNIT IV	DISSOLUTION OF PARTNERSHIP					12 Hours
Dissolution of partnership firm – dissolution accounts – causes for dissolution of partnership – types of dissolution – dissolution accounts.						
UNIT V	ACCOUNTING SOFTWARE (Basics of Tally)					12 Hours
Basics of accounting software- Features- Creation of Company- Configuration- Creation of groups- Ledgers- Inventory- Stock creation- Stock groups- Stock categories-Units of measure						

Total: 60 Hrs

Self Learning:60 Hrs

TEXT BOOKS

- 1.T.S.Reddy&A.Murthy, “Financial Accounting”, Margham Publications, Sixth Revised Edition, 2011.
- 2.P.C. Tulsian, “ Financial Accounting”, S.Chand Publication, 2022

REFERENCE BOOKS

1. Assish K. Bhattacharyya, “Financial Accounting”, Prentice of Hall of India, 2022
2. N. Vinayagam and B. Charumaki, “Financial Accounting”, S.Chand& Company Ltd., 2002, Reprint 2008.

WEBLINKS

1. Accounting Coach [Accounting Coach](#)
2. Institute of Chartered Accountants of India (ICAI) [ICAI Official Website](#)
3. ICAI – Accounting Standards Board [ICAI Accounting Standards Board](#)
4. ICAI Board of Studies [ICAI Board of Studies](#)
5. Accounting Daily [Accounting Daily](#)
6. Eduyush – IFRS and Accounting Courses [Eduyush Accounting Courses](#)
7. Rachna Jaggi IFRS Learning [Rachna Jaggi IFRS Learning](#)
8. Investopedia – Accounting Concepts <https://www.investopedia.com/accounting-4689743>

NPTEL LINKS

<https://onlinecourses.nptel.ac.in/e>

https://onlinecourses.nptel.ac.in/e-learning/preview/noc25_mg121

COURSE OUTCOMES

At the end of the course, the student will be able to

COURSE OUTCOMES	DESCRIPTION	KNOWLEDGE LEVELS
CO1	Understand the concepts and significance of Receipt and Payment Account, Income and Expenditure Account, and Balance Sheet of non-profit organizations.	K2
CO2	Analyse Receipt and Payment Account, Income and Expenditure Account and Balance Sheet from financial data.	K3
CO3	Apply accounting procedures relating to hire-purchase transactions under various accounting systems.	K3

CO4	Analyze partnership accounts relating to admission, retirement, death of a partner and dissolution of accounts.	K4
CO5	Demonstrate practical skills in computerized accounting for company creation, ledger and inventory management.	K3

COURSE ARTICULATION MATRIX

COs / POs- PSOs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	-	2	2	-	-	-	2	-	3	2
CO2	3	3	2	-	-	-	-	2	-	2
CO3	2	2	3	-	-	-	-	-	-	2
CO4	2	3	3	-	-	-	2	-	3	-
CO5	-	-	-	3	2	3	-	-	3	2
AVG	2.3	2.5	2.5	3.0	2.0	3.0	2.0	2.0	3.0	2.0

26CBAF22	PRINCIPLES OF MARKETING	L	T	P	SL	C
		4	0	0	4	4
COURSE OBJECTIVES - To enable students to understand marketing basics, environment and marketing mix - To facilitate students to analyze consumer behavior and buying motives - To know various product strategies ,product life cycle branding, segmentation - To understand different pricing decisions and distribution channels - To develop skills in sales management and promotion						
UNIT I	INTRODUCTION					12 Hours
Nature, Scope and importance of marketing – marketing approaches – Role of marketing – Various environmental factors affecting marketing functions – concept of marketing mix – Market – meaning - types of market.						
UNIT II	CONSUMER BEHAVIOUR					12 Hours
Consumer Behavior – Meaning and its importance – factors influencing Buying Behavior - Buying motives.						
UNIT III	PRODUCTS					12 Hours
Products –Classifications of products – Product characteristics – new product development process – product life cycle – product positioning, Targeting, Branding and Packaging –Market segmentation – needs and basis of segmentation.						
UNIT IV	PRICING					12 Hours
Pricing – Objection of pricing, pricing policies and procedures, Factors influencing pricing decision – importance of distribution, various kinds of marketing channels.						
UNIT V	SALES FORECASTING					12 Hours
Sales forecasting – Various methods of sales forecasting sales management – Motivation and Compensation of salesman – Personal selling – Direct selling – Sales promotion – An overview of Advertising, Publicity and public Relations.						

Total 60 Hrs

Self Learning 60 Hrs

Text books:

1. Philip Kotler, Gary Armstrong, Sridhar Balasubramanian, Principles of Marketing, 19th Edition”, Pearson Education, July 2024 .
2. Philip Kotler, Kevin L. Keller, Alexander Chernev, Jagdish N. Sheth, G. Shainesh , W.J. Marketing Management, 17th Edition”, Pearson India, June 12th, 2025.

References:

1. C.B. Gupta, Rajan Nair ,Principles of Marketing Sultan Chand & Sons, 2024
2. V.S. Ramaswamy, S. Namakumari, Principles of Marketing”, McGraw Hill India, 5th Edition, 2023
3. Maria Gomez Albrecht, Mark Green, Linda Hoffman Principles of Marketing , First Edition, 2025, Independently published
4. Brennan, Harker, Armstrong, Kotler, Marketing: An Introduction, 4th Edition

Weblink:

https://ebooks.lpude.in/commerce/mcom/term_2/DCOM405_DMGT408_MARKETING_MANAGEMENT_DMGT203_ESSENTIALS_OF_MARKETING.pdf

<https://www.sscasc.in/wp-content/uploads/downloads/BBM/Marketting.pdf>

NPTEL link

https://onlinecourses.swayam2.ac.in/e-learning/preview/cec26_cm04

COURSE OUTCOMES

At the end of the course, the student will be able to :

COURSE OUTCOMES	DESCRIPTION	KNOWLEDGE LEVELS
CO1	Understand the concepts and nature, scope and importance of marketing, along with marketing approaches, marketing mix, and environmental factors affecting marketing functions.	K2
CO2	Analyze consumer behavior by identifying factors influencing buying behavior and different buying motives to understand consumer decision-making.	K4
CO3	Apply concepts of product classification, product life cycle, market segmentation, targeting, branding and packaging in developing marketing strategies for products.	K3

CO4	Evaluate pricing policies, factors influencing pricing decisions and various marketing channels to select effective distribution strategies.	K4
CO5	Apply knowledge of sales forecasting methods, sales management, and apply techniques of personal selling, sales promotion, advertising and public relations in business scenarios.	K3

COURSE ARTICULATION MATRIX

COs / POs- PSOs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	-	-	-	-	2	-	2	3	-	-
CO2	-	-	-	-	-	-	2	2	-	-
CO3	-	-	-	-	3	-	-	-	-	2
CO4	-	-	3	-	-	-	2	-	3	-
CO5	-	-	-	2	2	-	3	-		2
AVG			3	2	2.33		2.25		3	2

26MBAF21	BUSINESS ECONOMICS	L	T	P	SL	C
		3	0	0	3	3
COURSE OBJECTIVES • To understand the fundamental concepts, scope, and significance of economics in business decision-making. • To analyze demand and supply forces and their influence on market behavior. • To examine consumer behavior and utility theories for effective economic decision-making. • To understand production theories, economies of scale, and producer equilibrium. • To apply economic principles and analytical tools in solving business problems.						
UNIT I	INTRODUCTION TO ECONOMICS					9 Hours
Introduction to Economics – Wealth, Welfare and Scarcity Views on Economics – Positive and Normative Economics - Definition – Scope and Importance of Business Economics - Concepts: Production Possibility frontiers – Opportunity Cost – Accounting Profit and Economic Profit – Incremental and Marginal Concepts – Time and Discounting Principles –Concept of Efficiency- Business Cycle:- Theory, Inflation, Depression, Recession, Recovery, Reflation and Deflation						
UNIT II	DEMAND & SUPPLY FUNCTIONS					9 Hours
Meaning of Demand - Demand Analysis: Demand Determinants, Law of Demand and its Exceptions. Elasticity of Demand: Definition, Types, Measurement and Significance. Demand Forecasting - Factors Governing Demand Forecasting - Methods of Demand Forecasting, Law of Supply and Determinants.						
UNIT III	CONSUMER BEHAVIOUR					9 Hours
Consumer Behaviour – Meaning, Concepts and Features – Law of Diminishing Marginal Utility – Equi-Marginal Utility – Coordinational and Ordinal concepts of Utility - Indifference Curve: Meaning, Definition, Assumptions, Significance and Properties – Consumer’s Equilibrium. Price, Income and Substitution Effects. Types of Goods: Normal, Inferior and Giffen Goods - Derivation of Individual Demand Curve and Market Demand Curve with the help of Indifference Curve.						
UNIT IV	THEORY OF PRODUCTION					9 Hours
Concept of Production - Production Functions: Linear and Non – Linear Homogeneous Production Functions - Law of Variable Proportion – Laws of Returns to Scale - Difference between Laws of variable proportion and returns to scale – Economies of Scale – Internal and External Economies – Internal and External Diseconomies - Producer’s equilibrium						
UNIT V	MARKET STRUCTURE					9 Hours
Price and Output Determination under Perfect Competition, Short Period and Long Period Price Determination, Objectives of Pricing Policy, its importance, Pricing Methods and Objectives – Price Determination under Monopoly, kinds of Monopoly, Price Discrimination Determination of Price in Monopoly– Monopolistic Competition–Price Discrimination, Equilibrium of Firm in Monopolistic Competition–Oligopoly – Meaning – features, “Kinked Demand” Curve						

Total 45 Hrs**Self Learning 45 Hrs****TEXT BOOKS**

1. Geetika, Ghosh, Piyali and Roy Choudhury, Purba. *Managerial Economics*, McGraw Hill Education, 3rd Edition.
2. Dominick Salvatore. *Managerial Economics: Principles and Worldwide Applications*, Oxford University Press, 9th Edition.
3. Varshney, R.L. and Maheshwari, K.L. *Managerial Economics*, Sultan Chand & Sons, Latest Revised Edition.
4. Dwivedi, D.N. *Managerial Economics*, Vikas Publishing House, 9th Edition.
5. Mehta, P.L. *Managerial Economics: Analysis, Problems and Cases*, Sultan Chand & Sons, Latest Edition.

REFERENCE BOOKS

1. Christopher R. Thomas and S. Charles Maurice. *Managerial Economics: Foundations of Business Analysis and Strategy*, McGraw Hill Education, 13th Edition.
2. Hirschey, Mark. *Managerial Economics*, Cengage Learning, 15th Edition.
3. Peterson, H. Craig and Lewis, W. Cris. *Managerial Economics*, Pearson Education, Latest Edition.
4. Samuelson, Paul A. and Nordhaus, William D. *Economics*, McGraw Hill Education, 20th Edition.
5. Mankiw, N. Gregory. *Principles of Economics*, Cengage Learning, 9th Edition.
6. Ahuja, H.L. *Managerial Economics*, S. Chand Publishing, Latest Edition.
7. Koutsoyiannis, A. *Modern Microeconomics*, Palgrave Macmillan, 2nd Edition.
8. Lipsey, Richard G. and Chrystal, K. Alec. *Economics*, Oxford University Press, Latest Edition.

WEBLINKS

- [NPTEL Official Portal](#)
- [SWAYAM MOOCs Platform](#)
- [Investopedia Economics Tutorials](#)
- [Khan Academy Microeconomics](#)
- [MIT OpenCourseWare Economics](#)
- [National Digital Library of India \(NDLI\)](#)

NPTEL

- [NPTEL Managerial Economics Course](#)
- [NPTEL Microeconomics Courses](#)
- [NPTEL Economics Courses](#)

- [NPTEL Management Courses](#)
- [SWAYAM Economics Courses](#)

COURSE OUTCOMES

At the end of the course, the student will be able to

COURSE OUTCOMES	DESCRIPTION	KNOWLEDGE LEVELS
CO1	Explain the basic concepts, principles, and importance of business economics in managerial decision-making.	K2
CO2	Analyze demand, supply, elasticity, and forecasting techniques for business planning.	K4
CO3	Interpret consumer behavior using utility analysis and indifference curve approaches.	K3
CO4	Examine production functions, laws of production, economies of scale, and producer equilibrium..	K4
CO5	Apply economic principles and quantitative techniques to solve business and managerial problems.	K3

COURSE ARTICULATION MATRIX

COs / POs- PSOs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	-		-	-	-	-	-	-	-	-
CO2	-		2	-	-	-	-	-	-	-
CO3	-		-	-	-	-	-	-	-	-
CO4	3	3	2	-	-	-	3	3	3	-
CO5	3	-	2	2	2	3	2	2	3	3
AVG	3.0	3.0	2.0	2.0	2.0	3.0	2.5	2.5	3.0	3.0

26EBAF21	PROBABILITY & STATISTICS	L	T	P	SL	C
		3	0	0	3	3
COURSE OBJECTIVES						
- To understand the fundamental concepts, scope, and significance of economics in business decision-making. - To analyse demand and supply forces and their influence on market behaviour. - To examine consumer behaviour and utility theories for effective economic decision-making. - To understand production theories, economies of scale, and producer equilibrium. - To apply economic principles and analytical tools in solving business problems.						
UNIT I	PROBABILITY & THEORETICAL DISTRIBUTION					9 Hours
Probability - Independent and depended events - Mutually exclusive events, total and compound probability - Mathematical Expectation - Binomial Distribution - Poisson Distribution.						
UNIT II	STATISTICAL REPRESENTATION OF DATA & STATISTICS AND MEASURE OF CENTRAL TENDENCY					9 Hours
Diagrammatic Representation of Data, Frequency Distribution Graphical Representation of Frequency Distribution–Histogram, Frequency Polygon Curve, Ogive, Pie-chart - Statistics- An introduction Types and Collection of Data Frequency Distribution, Charts and Graphs Arithmetic Mean and Median Mode and Other Measures of Location - SET THEORY- Introduction, Types of Sets, Venn Diagrams , Operations on Sets, Cartesian Product of two Sets, Applications - MATRICES- Matrices and Determinants, solution of system of linear equations						
UNIT III	MEASURE OF CENTRAL TENDENCY AND DISPERSION					9 Hours
Measure of Central tendency -. Dispersion -. Mean, Median, Mean Deviation-Quartile and Quartile Deviation, 5. Standard Deviation Co-Efficient of Variation						
UNIT IV	MEASURES OF VARIATION AND TIME SERIES ANALYSIS					9 Hours
Dispersion and Their Measures Skewness - Moments, Kurtosis -. Measures Correlation Analysis -. Regression Analysis- Index Numbers- Time Series Analysis						
UNIT V	TYPES OF DATA					9 Hours
Primary and Secondary Data - Methods of Collection of Primary & Secondary data- Sampling - Test of Large Sample - Test of Small Sample - Test of Proportion						

Total 45 Hrs

Self Learning 45 Hrs

TEXT BOOKS

1. Gupta, S.P. Statistical Methods, Sultan Chand & Sons, 46th Revised Edition.
2. Gupta, S.C. and Kapoor, V.K. Fundamentals of Applied Statistics, Sultan Chand & Sons, Latest Revised Edition.
3. Levin, Richard I., Rubin, David S., Siddiqui, Masood H. and Rastogi, Sanjay. Statistics for Management, Pearson Education, 8th Edition.
4. Navaneetham, P. Business Statistics and Analytics, Jai Publishers, Latest Edition.
5. Anderson, David R., Sweeney, Dennis J., Williams, Thomas A., Camm, Jeffrey D. and Cochran, James J. Statistics for Business and Economics, Cengage Learning, 14th Edition.

REFERENCE BOOKS

1. Kothari, C.R. and Garg, Gaurav. Research Methodology: Methods and Techniques, New Age International Publishers, 4th Edition.
2. Gupta, C.B. and Gupta, Vijay. An Introduction to Statistical Methods, Vikas Publishing House, Latest Edition.
3. Black, Ken. Business Statistics: Contemporary Decision Making, Wiley India, 10th Edition.
4. Levine, David M., Stephan, David F. and Szabat, Kathryn A. Statistics for Managers Using Microsoft Excel, Pearson Education, 9th Edition.
5. Hooda, R.P. Statistics for Business and Economics, Macmillan India, Latest Edition.

WEBLINKS

- [NPTEL Statistics Courses](#)
- [SWAYAM Online Learning Platform](#)
- [Khan Academy Statistics and Probability](#)
- [National Digital Library of India \(NDLI\)](#)
- [OpenStax Statistics Resources](#)
- [Stat Trek Statistics Tutorials](#)

NPTEL COURSES

1. Probability and Statistics – IIT Kanpur <https://nptel.ac.in/courses/111104032>
2. Introduction to Probability and Statistics – IIT Kharagpur <https://nptel.ac.in/courses/111105090>
3. Statistical Inference – IIT Madras <https://onlinecourses.nptel.ac.in>
4. Business Statistics – IIT Kharagpur <https://onlinecourses.nptel.ac.in>
5. Data Analysis for Decision Making – NPTEL/SWAYAM <https://swayam.gov.in>
6. Probability and Random Processes – IIT Kharagpur <https://nptel.ac.in/courses/108105085>
7. Data Science for Engineers – IIT Madras <https://onlinedegree.iitm.ac.in>
8. Introduction to Data Analytics – NPTEL/SWAYAM <https://swayam.gov.in>

26BVAC21	UNIVERSAL HUMAN VALUES	L	T	P	SL	C
		1	0	0	1	1
COURSE OBJECTIVES						
• The candidates will be able to appreciate the complementarity between the values and skills for sustained happiness and prosperity. • To influence the students to approach the life and profession with a holistic perspective towards a value-based living in a natural way. • To highlight plausible implications of holistic understanding of ethical human conduct.						
UNIT I	INTRODUCTION TO VALUE EDUCATION					5 Hours
Living a fulfilling life. Value education. Skill education. Complementarity of Values and Skills. Development of a holistic perspective. Right understanding, relationship and physical facility. Understanding the happiness and prosperity.						
UNIT II	HARMONY AT MULTIPLE LEVELS					5 Hours
Human being as co-existence of the self and the human body. Understanding harmony in the self. Harmony in the family and understanding values in human-human relationships. Harmony in the society and understanding universal human order. Harmony in nature and understanding the interconnectedness, self-regulation and mutual fulfilment. Harmony in existence and understanding co-existence at various levels.						
UNIT III	IMPLICATIONS OF THE RIGHT UNDERSTANDING					5 Hours
Ethical human conduct. Implications of value-based living. Right understanding of professional ethics. Humanistic education. Holistic technologies, production systems and management models. Strategies for transition towards value-based life and profession.						

Total: 15 Hours**Self-Learning: 15 Hours****TEXT BOOKS**

1. R.R. Gaur, R. Asthana, G.P. Bagaria. (2023). A Foundation Course in Human Values and Professional Ethics. 3rd Revised Edition. Excel Books, New Delhi.

REFERENCE BOOKS

1. A. Nagaraj, Jeevan Vidya Prakashan, Amar Kantak. Jeevan Vidya (1999), Ek Parichaya
2. Rakesh Gupta. Jeevan Vidya (2008), An Introduction (Introductory Book to Madhyasth Darshan-

Coexistentialism). English Version.

3. A. N. Tripathi (2004), Human Values. First Edition. New Age International Publishers, New Delhi.

COURSE OUTCOMES

After completion of the course, the student will be able to:

COURSE OUTCOMES	DESCRIPTION	KNOWLEDGE LEVEL
CO1	Identify the basics of value education, skill education, and the concept of happiness and prosperity in life.	K1
CO2	Explain harmony at multiple levels including self, family, society, nature, and co-existence.	K2
CO3	Apply the right understanding in ethical human conduct and value-based living in daily life.	K3
CO4	Analyze human relationships, societal harmony, and interconnectedness in nature and existence.	K4
CO5	Evaluate ethical practices, professional values, and strategies for value-based life and profession.	K5

CORRELATION OF COURSE OUTCOMES WITH POs AND PSOs

COs / POs- PSOs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	-	-	-	-	3	3	-	2	-	-
CO2	-	-	-	-	3	3	2	2	-	-
CO3	-	-	-	-	2	3	2	3	-	-
CO4	-	-	-	-	3	3	2	3	-	-
CO5	-	-	-	-	3	3	2	2	-	-
Avg	-	-	-	-	2.8	3.0	2.0	2.4	-	-