

**RVSCOLLEGE OF ARTS AND SCIENCE
SULUR, COIMBATORE-641402**

DEPARTMENT OF SCHOOL OF COMMERCE

B.COM(COMPUTER APPLICATION)



Estd 1986

RVS CAS

Building Intellectual Capital

**Syllabus effective for the students admitted during the
Academic Year 2022 – 2025 Batch & onwards**

HOD

PRINCIPAL

COE

VISION

Quality Education for Digital Era.

MISSION

To impart a need – based quality education through comprehensive curriculum by adopting apt technologies and progressive teaching, learning and research processes.

ABOUT THE DEPARTMENT

Bachelor of Commerce with Computer Applications (B.ComCA) program started its voyage in the year 2001. It has been designed to impart knowledge on application of commerce and accounting theories using computer software tools. Training in Computer Applications in the field of commerce is an extra mileage in placements. Our curriculums are specifically designed to provide opportunity for skill development, employability and become entrepreneurship. Apart from the strategic course, the designed elective courses provides practical session in the field of web technologies like HTML, CSS, PHP, MySQL and Java Script which facilitates the learners who aspire to work in IT sectors as a Domain Analyst, Developers and content designers. We have well qualified faculty members who efficiently disseminate the knowledge by contributing in framing and delivering the curricular aspects. To enhance the learning experience, hands on training courses are conducted on GST portal, workshops on excel for managers and programming-oriented courses, seminars and industrial visits have been organized. Integration of IT enabled teaching and learning process and formative assessment is been done through ICT tools like Google spreadsheets, PPT, GitHub, Kahoot. For skill enhancement, we are offering certificate courses on Tally Essentials, Banking, Finance & Insurance and Business Process Management which is certified by Tally Education, CPBFI and Infosys respectively. We are conducting coaching classes by the experts from professional bodies for the students those who aspire to become Chartered Accountant & Company Secretaries.

EXECUTIVE MEMBERS

CHAIRMAN

Dr.K.V.Kupusamy

MANAGING TRUSTEE

Dr.K.SenthilGanesh

CORRESPONDENT

Mrs.S.SrividyalakshmiSenthilGanesh

SECRETARY

Prof.SarammaSamuel

PRINCIPAL

Dr.T. Sivakumar

VICEPRINCIPAL

Dr.M.P.Ayyappadas

CONTROLLER OF EXAMINATIONS

Ms.G.Jeyalakshmi

HEAD OF THE DEPARTMENT

Dr.R.Karpagavalli

PROGRAMME OUTCOMES (POs)

PO1	Domain Knowledge
PO2	Communicative Competence
PO3	Digital Strategic Knowledge
PO4	Multi-Cultural Competence
PO5	Critical Thinking and Problem Solving
PO6	Research and Analytical Skills
PO7	Moral, Ethical and Professional Responsibilities
PO8	Leadership and Lifelong Learning

PROGRAMME SPECIFIC OUTCOMES (PSOs)

Upon completion of **Bachelor of Commerce and Computer Application**, students are able to achieve the following outcomes.

PSO1	Construct a strong foundation on conceptual and analytical based learning with focus on commerce and computer enabled services for a successful career in Accounts Executive, Finance Analyst, Tax Analyst, Web developer/Social media executive.
PSO2	Deduce depth knowledge in the core aspects of Commerce with Computer Applications by incorporating the courses Object Oriented Analysis and Design, Java Programming, Excel, Visual Basic, TALLY and Web Development.
PSO3	Adopt knowledge and skills in usage of technology for Accounting and Finance areas by providing knowledge in core subjects like Financial Accounting, Cost and Management Accounting, Financial Management and Taxation etc. by adopting learner centered pedagogical practices.
PSO4	Develop competency in students to pursue higher level programs such as CA, CWA, ACS, MBA or other Master Programme in Commerce and Management.

RATHNAVELSUBRAMANIAMCOLLEGE OF ARTS & SCIENCE (Autonomous)

Sulur, Coimbatore – 641 402

SCHEME OF EXAMINATIONS

B.Com(CA)2022 –2025 BATCH

Semester	Course Opted	CourseName	D	L	T	P	CI A	ESE	Marks	Credits
I	MIL - I	Tamil-I/Hindi-I/Malayalam- I/ French-I/Arabic- I	3	6	-	-	25	75	100	4
	AECC– G I -1	English-I	3	6	-	-	25	75	100	4
	DSC– I	FinancialAccounting-I	3	4	-	4	25	75	100	6
			4				40	60		
	DSC– II	EconomicsforDecision Making	3	4	2	-	25	75	100	6
	NCC – GII	NCC/NSS/ SPORTS/CULTURALS	-	1	-	-	-	-	-	-
	LIB	Library	-	1	-	-	-	-	-	-
Total					28				400	20
II	MIL-II	Tamil-II/Hindi-II/Malayalam– II/French-II/Arabic-II	3	6	-	-	25	75	100	4
	AECC– GI -2	English-II	3	6	-	-	25	75	100	4
	DSC– III	FinancialAccounting-II	3	5	1	-	25	75	100	6
	DSC– IV	BasicJava Programming	3	4	-	4	25	75	100	6
			3				40	60		
	AECC– G II -1	EnvironmentalStudies	3	1	-	-	100	-	100	1
	NCC – G II	NCC/NSS/ SPORTS/CULTURALS	-	1	-	-	-	-	-	-
	LIB	Library	-	1	-	-	-	-	-	-
Total					29				500	21

Semester	Course Opted	CourseName	D	L	T	P	CIA	ESE	Marks	Credits
III	MIL-III	Tamil-III/Hindi-III/Malayalam – III/French-III/Arabic-III	3	4	-	-	25	75	100	2
	AECC-GI-3	English-III	3	4	-	-	25	75	100	2
	DSC– V	ObjectOrientedAnalysisand Design using Java	3	4	-	4	25	75	100	6
			3							
	DSC– VI	BusinessMathematicsand Statistical Techniques	3	5	1	-	25	75	100	6
	DSE -I	Elective- IHTML5&CSS3	3	4	-	4	25	75	100	6
			3				40	60		
	NCC– G I-1	ProfessionalEnglish- I	3	2	-	-	Grade			
NCC – G II	NCC/NSS/ SPORTS/CULTURALS	-	1	-	-	-	-	-	-	
Total					33				500	22
IV	MIL-IV	Tamil-IV/Hindi-IV/Malayalam – IV/French-IV/Arabic-IV	3	4	-	-	25	75	100	2
	AECC-GI-4	English-IV	3	4	-	-	25	75	100	2
	DSC– VII	Direct Tax	3	5	1		25	75	100	6
	DSC– VIII	FinancialAnalysisusingMs Excel	3	4	-	4	25	75	100	6
			3				40	60		
	DSE -II	Elective–IIJavascript Essentials	3	4	-	4	25	75	100	6
			3				40	60		
	NCC – G I-2	ProfessionalEnglish - II	3	2	-	-	Grade			
	SEC-GI	Aptitude	3	3			100	-	100	3
NCC – G II	NCC/NSS/ SPORTS/CULTURALS	-	1	-	-	-	-	-	-	
Total					36				600	25

Sem ester	Course Opted	CourseName	D	L	T	P	CIA	ESE	Marks	Credits	
V	DSC– IX	DataBaseManagement System	3	4	-	4	25	75	100	6	
			3				40	60			
	DSC– X	FinancialManagement	3	5	1	-	25	75	100	6	
	DSE-III	Elective-IIIPHP&MySQL	3	4	-	4	40	60	100	6	
			3				40	60			
	DSE – IV	Elective-IV(EDC)	3	5	1	-	25	75	100	6	
	Any ONE Group										
	GroupA										
		SEC–GII– A – 1	Placement-Collegeto Corporate I	3	2	-	-	50	-	50	2
		SEC–GII – A – 2	Placement-Collegeto Corporate II		2	-	-	50	-	50	2
	GroupB										
		SEC–GII– B	EnterpriseResource Planning	3	4	-	-	100	-	100	4
		NCC – G II	NCC/NSS/SPORTS/CULTURALS	-	1	-	-	Good/ Satisfactory			
Total					33				500	28	
VI	DSC– XI	CostandManagement Accounting	3	4	-	4	25	75	100	6	
			3				40	60			
	DSC– XII	IndirectTaxes	3	5	1	-	25	75	100	6	
	DSE-V	Elective-V MasterPHP Programming	3	4	-	4	25	75	100	6	
			3				40	60			
	DSE – VI	Elective–VI Intermediate Java Programming	3	4	-	4	25	75	100	6	
			3				40	60			
ALCTA*(e-LearninginMOOCPlatform) 4*											
					30				400	24	
TOTAL									2900	140 +4* =144	

ABBREVIATIONS

MIL -MultiIndian/ International Language

ELN -English

DSC -DisciplineSpecificCourses

DSE -DisciplineSpecificElectiveCourses

EDC -ExtraDisciplinaryCourse

NMS-NaanMuthalvan Scheme

AECC-AbilityEnhancementCompulsoryCourses

SEC-SkillEnhancementCourses(GroupA&B)

NCC-Non-Credit Course

ALCTA–AdvancedLearnerCourseinThrustArea

DSEI-DisciplineSpecificElectiveCoursesI:(IIISemester)

- 1.HTML5 &CSS3 2.WedDesign

DSEII-DisciplineSpecificElectiveCoursesII: (IVSemester)

- 1.JavaScript Essentials 2.MarketingManagement

DSEIII-DisciplineSpecificElectiveCoursesIII:(V Semester)

- 1.PHP&MySQL 2.Digital Marketing

DSEIV-DisciplineSpecificElectiveCoursesIV(EDC):(VSemester)

1. ExtraDisciplinary Course(EDC)-ListEnclosed

DSEV-DisciplineSpecificElectiveCoursesIV: (VI Semester)

- 1.MasterPHPProgramming 2.SearchEngineOptimization

DSEVI-DisciplineSpecificElectiveCoursesIV:(VISemester)

- 1 - Intermediate Java Programming 2.Computer Networks**

Annexure1

RVSCOLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

DISCIPLINE SPECIFIC ELECTIVE COURSES (DSE) IV: (V-SEMESTER)									
DSE- IV-EXTRADISCIPLINARY COURSE: (EDC)									
Course	Course Name	L	T	P	CIA	ESE	Total	Credits	
One Course- From the Group									
B.A.English	Professional Communication	5	1	-	25	75	100	6	
BBA	Entrepreneurship	5	1	-	25	75	100	6	
BBA(CA)	Project Management	5	1	-	25	75	100	6	
B.COM	Insurance and Risk Management	5	1	-	25	75	100	6	
B.COM (CA)	Social Media Marketing	5	1	-	25	75	100	6	
B.COM(IT)	E-Commerce	5	1	-	25	75	100	6	
B.COM (PA)	Indian Tax System	5	1	-	25	75	100	6	
B.COM (BA)	Digital marketing	5	1	-	25	75	100	6	
BCA	Responsive Web Design	5	1	-	25	75	100	6	
B.Sc.,(CS)	Business Analytics	5	1	-	25	75	100	6	
B.Sc.,(IT)	Big Data Engineering	5	1	-	25	75	100	6	
B.Sc.,CSHM	Hospitality Management	5	1	-	25	75	100	6	
B.Sc.,ECS	Fundamentals of Digital Computers	5	1	-	25	75	100	6	
B.Sc.,MATHS	Computational Mathematics	5	1	-	25	75	100	6	
B.Sc.,BC	Health Management	5	1	-	25	75	100	6	
B.Sc.,BT	Forensic Science	5	1	-	25	75	100	6	
B.Sc.,MB	Microbes-Health & Disease	5	1	-	25	75	100	6	
B.Sc.,N&D	Health & Life Style Disorders	5	1	-	25	75	100	6	
BBA Logistics	International Logistics	5	1	-	25	75	100	6	
B.Sc Psychology	Stress and Conflict Management	5	1	-	25	75	100	6	
Total							100	6	

CourseTitle: TAMILI(T)	CourseCode: 11T
Semester: I	CourseGroup: MIL-I
TeachingSchemeinHrs(L:T:P): 4:0:0	Credits: 3
MapCode: A(Language- Concepts)	TotalContactHours: 60
CIA: 25 Marks	SEE#: 75Marks
Programme: ALLIUGPROGRAMMES	#SemesterEndExam

No.	CourseOutcomes (Cos): Aftercompletionofthis course, thestudents willbeable to	POs	CL. Ses	CL
CO1	போரதியோர் கோலங்கதோண்டு தற்கோல புக்கவிரதகள்வரர கவிரத இலக்கியம்அறிமுகப்படுத்தப்படுவதோல் பரைப்போற்றல்திறன் கபறுதல்.	PO4	14	U
CO2	உரநரை இலக்கியத்தர அறிமுகப்படுத்தி தமிழ் கமோழி, பண்போடு,கரலஆகியவற்றின்கதோன்ரம,சிறப்பு,கல்வியின் இன்றியரமயோரம,கபண்ணியம்மற்றும்போலினசமத்Fவம் தபோன்றவற்றறஅறியச்சுய்தல்	PO7	15	U
CO3	சிறிலக்கியம்மற்றும்நோண்டுப்புறஇலக்கியங்கரள அறிமுகப்படுத்திஇரைக்கோல மக்களின்வோழ்வியரலயும்,இயற்றக வளம்,பணரைத்தமிழரின்தபோர்அறம்தபோன்றவற்றற அறியச்சுய்தல்.	PO8	12	U
CO4	இலக்கணத்தரஅறிமுகப்படுத்தி மோணவரக்கமோழியறிவ வளரத்Fக்கோள்ளவும், பரைப்போற்றலுக்கும்பயன்படும்விதமோக கதோரைரமத்F எழுதவும் ஊக்குவித்தல்	PO2	9	AP
CO5	இலக்கியவரலோற்றறகற்பதன்மூலம்தபோண்டுத்தரவுகரளஎதிரக் கோள்ளுதல்.	PO1	10	AP

அலகு – 1 கவிதைகள்

பாடவேதளகள்– 14

கண்ணன்என்ததோழன்-போரதியோர்-(ஆசிரியர்குறிப்பு-உபோயம்உரரத்;தலும்-கண்ணன் புகழும்-உற்ற மருந்தோவFம்-உள்ளன்புககோள்ளலும்-மரழக்;குக்;குரையோதலும்-பசிதநரத்தில் உணவோதலும்).

தமிழ்ப்தபறு-போரதிதோசன்-(ஆசிரியர்குறிப்பு-வோனம்ஓரைதோமரரபூக்கள்-ஓவியம்தீண்டுதல் கபண்கள்அன்புகசுய்தல்-தமிழ்நோண்டுமக்கள்நிரல-இன்பத்தமிழ்கற்றல்).

எல்லோம்நோதன-கண்ணதோசன்-(ஆசிரியர்குறிப்பு-நயம்பைவோழ்தல்-கற்றFகுறவு-மனிதரர ரவயகம்தபோற்றும்-வோழ்க்கரகஏற்றம்-இறக்கம்--ஆணவத்திற்குஅழிதவஇல்ரல)

நியுண்னின்புன்றோம்விதி-நோ.முத்Fக்குமோர்-(ஆசிரியர்குறிப்பு-தகயோஸ்தியரி-நீரத்த அமிலங்கள்-கைவுள்பேர்வ-கசுய்தித்தோள்களின்தற்ககோரல-நியுண்னின்புன்றோம்விதி).

தகோடுகள்-அப்Fலரகமோன்-(ஆசிரியர்குறிப்பு-தகோடுகள்கிழித்தல்-விரளயோடுதல்- போம்புகளோகிகடித்தல்-சங்கீதம்இல்ரல-மனிதம்விரளசசல்இல்ரல-தகோடுகளில்கோயங்கள்).

ரைக்ககவிரதகள் - அறிவுமதி - (ஆசிரியர் குறிப்பு - வோழ்த்F ஐஅரைபைம் - தூண்டில்கோரன் வோழ்கரக-வண்ணத்Fப்பூச்சி-இலவசமரனப்பை-ோ--நசங்கியFபுல்லோங்குழல்--கல்லூரி மணிக் கூண் டு).

அம்மோ-சுகிரதரோணி-(ஆசிரியர் குறிப்பு-உன்ரனஅரழக்கிதறன்-பறரவயோகிபறக்கிதறன்- குரல்ஓலிக்கிறF).

அலகு-II-உதைநடத

பாடவேதளகள்-14

தமிழ் இலக்கியங்களில் கல்வியியல் சிந்தரனகள் - (ஆசிரியர் குறிப்பு - இளரமயில் கல்வி கல்வியினோல்வரும் கபருமகல் லோரமஒரு குற்றம் - கற்பித்தலும் கற்றலும் - தரல மோணோக்கர் - இரைமோணோக்கர்- கரை மோணோக்கர்- இலக்கியங்களில்கோணப்படும் கல்வி குறித்த சிந்தரனப் பதிவுகள்).

கீழடி-தமிழ்நோடுஅரசுகதோல்லியல்Fரறகவளியீடு-(கதோல்லியலும்அதன்ஆய்வும்:தமிழகத் கதோல்லியல்Fரறயும்அறிஞரக் ளும்-கீழடியின்கோலத்ததோன்ரம-கெடுமோனப்பகபோருண்்களின் பகுப்போய்வு).

கபண்ணோக்கல் -(ஆசிரியர்குறிப்பு -விரளயோண்்டுப்பகபோருண்்கள்-புழங் குகபோருண்்கள் -நல் ல கபண் ணுக்கோனகுணநலன்கள்-வரரயறகள்).

தமிழகநோண்்டுப்புறக்கரலகள்-
(நோண்்டுப்புறக்கரலகளின்வரககளநோண்்டுப்புறகைஆண்்கள்-
தமிழகத்தில்கூத்Fகளின்பிறபிரிவுகள்-இரசக்கருவிகள்-கைஆல்முரறகள்-போல்்கள்
கைஇம்கபறல்நோண்்டுப்புறக்கரலகளின்நலிவு).

அறிவுப் படிப்பும் - (எல்தலோருக்குதம சம உரிரம - கல்வியின் கபோறுப்பு - கல்வியுண் மதத்தரத கலத்தல் - அறிவுதவறு - மதம்தவறு).

அலகு-IIIசிற்றிலக்கியங்கள்-நாட்டுப்புறப்பாடல்கள்பாடவேதளகள்-12

கலிங்கத்துப்பைணி-ஜெயங்ஜகாண்டாண்-(யாதையும்கப்பலும்குதிதையும்குதிதைண்றியும் -வீண்ண்முகமலர்ந்Fகிண்ந்தரம- ளும்கருமிகளும்-வீரர்முகமலர்ந்Fகிண்ந்தரமவீரக் ளும் வீரக் கருமிகளும்).

குற்றோலக்குறவஞ்சி - திரிகுண்ரோசப்பக்கவிரோயர் - (குறத்தி மரலவளம் கூறுதல்குரங்குகளின் விரளயோண்்டு- குறத்தி மரலவளம் கூறுதலபல மரலகளின் வளமுரரத்தல் - குறத்தி மரலவளம் கூறுதல்குரங்குகளின்விரளயோண்்டு).

மFரரமீனோண்்சியம்ரமபிள்ரளத்தமிழ் - குமர குருபரர் - (சப்போணிப்பருவம் - அம்ரமயின் அருண்்கோண்்சி- வருகப்பருவம் - அன்ரனரய;வருகவருகஎனஅரழத்;தல்;)

நோண்்டுப்பறப்போல்்கள்-தோலோண்்டுப்போண்்டு-(குழந்ரததோலோண்்டு-நித்திரரதபோதல்- கண்ரணப்போடுதல் - குழந்ரத அழுதல் - கதோழிற்போண்்டு - திரன விரதத்தல் - திரனப்பிரர கோத்தல்-திரனப்பிரரக்ககோய்தல்-திரயஅடித்தல்)

அலகு-IV-இலக்கணம்

பாடவேதளகள்-9

கபயகரச்ச் ம்-விரனகயச்ச் ம்-(கதரிநிரல்கபயகரச்ச் ம்-குறிப்புக்கபயகரச்ச் ம்-கதரிநிரல விரனகயச்ச் ம்-குறிப்புவினகயச்ச் ம்);

பண்புக்கதோரக-(குண்ம்-நிறம்-எண்ணம்-பண்பு-விரனக்கதோரக-கோலத்தரதஉணரத்தம்).

வல்லினம்மிகும்இங்கள்-(ஈறுககைண்எதிர்மறறக்கபயகரச்ச்ம்-சோல-தவமுதலோன உரிச்சகோற்கள்-உம்ரமக்கதோரக-இரைரைக்கிளவி-அடுக்குக்கதோர்-வினோஎழுத்கள்).

அலகு-V-இலக்கியைலாறு

பாடவேதளகள்-10

புக்கவிரத-(தமனோண்்டில்புக்கவிரதஇயக்கச்சுழல்-தமிழகத்தில்புக்கவிரச;சூழல்- மணிக்ககோடிக்கோலம்:எழுத்க்கோலம்-வோனம்போடிக்கோலம்-'ழ'கோலம்).

உரரநரை-(கதோண்்க்ககோலஉரரநரை-உரரநரையின்வளர்ச்சி-கடினஉரரநரை-கசறிவோன உரரநரை-இலக்கியத்திறனோய்வுநூல்கள்-பயணநூல்கள்-கடிதஇலக்கியம்-வோழ்க்ரக வரலோறு- இலக்கியத்திறனோய்வுநூல்கள்-கடிதஇலக்கியம்).

பாடெநூல்கள்:

1. தமிழிலக்கியவரலோறு-மு.வரதரோசன்
2. கலிங்கத்஑்பரணி-கெயங்ககோண்ைோர்-கழககவளியீடு
3. குற்றோலக்குறவஞ்சி-திரிகூரைோசப்பக்கவிரோயர்-கழககவளியீடு
4. ம஑ரரமீனோை்்சியம்ரமபிள்ளத்தமிழ்-குமரகுருபரர்-கழககவளியீடு
5. ககோங்குநோை்஑்புறபோைல்கள்-கிருஷ்ணசோமி-நோத்தமிழர்பதிப்பகம்
6. நல்லதமிழ்எழுததவண்டுமோ?-அ.கி.பரந்தோமன்-போரிநிரலயம்..

CourseTitle: HINDI – I (T)	CourseCode: 11H
Semester: I	CourseGroup: MIL-I
TeachingSchemeinHrs(L:T:P): 4:0:0	Credits:3
MapCode: A(Language-Concepts)	TotalContactHours: 60
CIA: 25Marks	SEE #: 75 Marks
Programme: IYEARALLUGPROGRAMMES	SemesterEnd Exam

No	CourseOutcome(Cos):Aftercompletionofthiscourse, the students will be able to achieve the following outcomes	POs	CS	CL
CO1	Recognize the ancient valuable thoughts which insist in NEP-2020 through IKS system.	PO7	15	U
CO2	Distinguish the importance and values of friendship which is very much needed of the hour.	PO7	12	AP
CO3	Practice the three important things in life which is very important in life	PO7	12	AP
CO4	Analyze the issues that cruel behavior with the animals is happen in the society can be eradicated.	PO4	12	AN
CO5	Criticize that the major family issues which is common in families and in the society.	PO8	9	E

UNIT:I-GADHYA AUR KAHANIYAN

LECTURE HOURS:15

Jeevan ki teen pradhan baate : written by Vinobha Bave, (what are the three important things in life. Why udhyog is important. If udhyog is not there what will be the condition of the family. Through charka at least one can get relief from the financial condition of the family. Bhakti is the second thing which is more important for the human being. Third thing in the life is what we learn in our lives just teach the same to the others.)

haar ki jeet : (Author's introduction. Proud on his horse named Sultaan since it is very attractive and runs fast like anything. Dacoit who wanted to get that horse anyway. One fine day he visited Bharathi's place and checked out the horse for riding. Bharathi also innocently accepted for riding because people know about the horse which is pride for him. But the dacoit took away the horse from him. Bharathi felt very bad & he cried for the horse. One fine night he woke up from the sleep and went to the shed where he found the horse. Conclusion.)

UNIT: II-GADHYAAURKAHANIYAN**LECTUREHOURS:12**

Prayashit: (premchand, author's introduction. Subhodh Chandra and madarilaal is school mates, always grudge with subodh since he is a bright student in the school. Every teacher liked him. This was added fire in the thoughts of madari who is working in tax office. Subhodh is promoted as a secretary and join the duty where madari is working. He planned to bring him down so he took away the rs.5000/- and the subodh did not have the condition to collect the money. He hanged himself he died. Madari really feel very after his demise. He took care of whole family of subodh and he atoned on his deeds).

Gaura gai :(mahadevivarma's introduction. She was touching her memory lane through gaura gai. She brought the cow from her sisters shyama. Cow become every pet to mahadevi. Gaura become a mother of lalmani and it was pouring milk many liters. Sufficient milk given to other pets and neighbour children. still enormous milk was there. But the problem is for milking. Permanent solution is not there to milking because no man is ready. But author's old milk man is ready to do that work. Days are passed. One fine day gaura become very sad and the milk also reduced. Veterinary doctor examined the cow and they told that there is a needle in the stomach, if it reached to heart gaura will die. Mahadevi enquired about this and the matter was the guala only did this because his income in the house by selling the milk. One fine day early morning gaura had its last breath. Mahadevi feels it very bad upon the tragic death of gaura. Aim and conclusion of the story).

UNIT: III GADHYAAURKAHANIYAN**LECTUREHOURS:12**

Chaiwala:(writer's introduction. One fellow return to India to see the country how it developed. He stayed in five star hotels and he rounds daily to the neighboring place. One day while he returning back he wants to drink tea on roadside normal tea shop. There was no change for a big note. This fellow says no problem. Don't give the change just keep this as a tip. But the shopkeeper though he is a poor, he doesn't want to have the money which is not right to have that. Conclusion). **Kadamb kephool:** (fight between daughter in law and mother in law. The reason is neighbor bring some kadamb flowers to bhabhi. Sas maa thought that there was a sweet brought for her and she alone eats all. This misunderstanding crossed the border and they both started fight. Gangaprasad came in the evening and he laughed after seeing the flowers).

Shivaji ka sacchaswarup: (The emperor who ruled the country was real Ramarajya, because Emperor Shivaji ruled the country in great manner which the history never fails to mention his name. one fine evening his peshwa returned to the kingdom after defeating the Ahmed's kingdom. As a gift they brought Ahmed's daughter in law to Shivaji. Peshwa's this work irritated to the king. King is ready to return the gift in a full honor. And he asked sorry to her on behalf of his

peshwas. This could be a small incident but through this we can come to know about his respect towards ladies. Conclusion)

UNIT: IV Grammar

LECTURE HOURS: 12

Sangya, sarvanaam, karak, visheshan: (Shabdhvichar: basic grammar knowledge will help the students to improve the language skills with sangya, sarvanaam, kriya, karak, visheshan, with sub topics).

UNIT: V TRANSLATION.

LECTURE HOURS: 9

HinditoEnglish Translation. (Teaching about the importance and art of translation)

Text Books:

1. PUSHPKUNJ COMPILED BY BOSHINDI.

REFERENCE:

1. MANAKHINDIVYAKARAN. VANIPRAKHASHAN, N. DELHI.
2. <http://premchand.co.in/story/prayashchit>.
3. <https://www.youtube.com/watch?v=sh68KY1X>

CourseTitle :MALAYALAM –I(T)	CourseCode:11M
Semester I	Cour eGroup: MIL-I
TeachingSchemeinHrs(L:T:P): 4:0:0	Credi s: 3Credits
Map Code: A(LanguageConcept)	Total ContactHour: 60
CIA : 25 Marks	SEE : 75Marks
Programme: IYr ALLUG PROGRAMMES	#-SemesterEnd Exam

No	CourseOutcome(Cos):Aftercompletionofthis course, the students will be able to achieve the following outcomes.	POs	Class Session	CL
CO1	Reportthedeleterious effects of modern agriculture	PO4	12	U
CO2	Interpretthatanentirelandscapecanbealteredbytheuse of a single pesticide with lot of side effects	PO3	12	U
CO3	Organizesituationswhichinvolverehabilitationofpeople whohassufferforgenerationbecauseofthedeadlytoxin- endosulfan	PO5	12	AN
CO4	Categorizeliteraturewithclearandscientificinsightson such environmentally committed novels	PO4	12	AN
CO5	Adaptethicalandsocial valuesespeciallythewayto handlevulnerablegroups in our society	PO7	12	AP

UNIT:I NOVEL
ENMAKAJE–AMBIKA SUDHANMAANGHAD

LECTURE HOURS:12

(AmbikaSudhanwasborninkasaragode.ProfessorinNehruCollege,Mangad.Winneroflot of prestigious awards.A very touching novel and contemporary too. The novel describes the deleterious effects of use of a pesticide named ‘endosulfan’. Devayani and Neelakandan lives togetherinadeepforestavoidingthecontactsofrestofworld.OnefinemorningDevayanifound anunusualbabyinthedeepforestandbringstoNeelakandanbutherejectedtheduetoitsunusual morphology. But Devayani decided to nurse the child inspite of his objection. The situations are progressing in an unpredictable way.)

UNIT:II NOVEL

LECTUREHOURS:12

ENMAKAJE–AMBIKA SUDHANMAANGHAD

(The sad part is that both of them strongly believe that the disease of the child is a result of curse from God. The mind set of both the characters is changed in the mid of the novel and they decidedto comeoutoftheforestofgivingmedicalaidtothechild.Fromthedoctortheycameto know that this disease is due to exposure of an endosulfan and it affects the animals around also.Theilleffectsofthepesticidearealsoscientificallychallengedbytheauthorinmanycrucial situations.Fromthedoctortheycametoknowthatthisdiseaseisduetoexposureofanendosulfan and it affects the animals around also. The medical team was unable to save the child. The issue attracted the media attention. Jayarajan , social worker who took the matter and fought with the Governmentforthetotalbanofendosulfan.Duetointerferenceofsomerichfarmersbureaucracy

has tried its maximum to avoid the total ban of this hazardous chemical. At the end of the novel that good news is mentioned because Govt. of Kerala has decided for a total ban of this destructive pesticide.)

UNIT III KHANDAKAVYAM

LECTURE HOURS: 12

SHISHYANUM MAKANUM – VALLATTHOLE NARAYANAMENON

(Vallathole – an iconic modern poet. The relationship between guru and disciple is elucidated. The narration is done on a poetic way. The introduction of Ganapathy and Parasuraman is narrated. The issues between them is correlated with the contemporary problems in the present world. Their arguments and confrontations are well illustrated.)

UNIT: IV KHANDAKAVYAM

LECTURE HOURS: 12

SHISHYANUM MAKANUM – VALLATTHOLE NARAYANAMENON

(One of the best things about Vallathol. In this poem, the affection of a son and the affection of a disciple come together. In this poem, we see Lord Shiva, who swells with love for his son and disciple, and Parvati, who loves her son as life.)

UNIT : V GRAMMAR

LECTURE HOURS: 12

TRANSLATION

(The provided contents – two paragraphs to be translated with appropriate words. Their grammatical conversions shall be highlighted).

TEXT BOOKS:

T1. Enmakaje - Ambikaasuthan Mangad

T2. Shishyanum Makanum - Vallathole Narayanamenon

REFERENCETEXTS:

R1. Malayalanaval Sahithyacharithram – KM Tharakan N B SKottayam - 2000

R2. Malayalakavithasahithyacharithram |Edition:2|DCBooks|LeelavathiM-2001

R3. Saahithyacharithra Prasthaananghaliloode – Dr. KM George, DCBooks, Kottayam – 2004

CourseTitle: FRENCH-I (T)	CourseCode: 11 F
Semester: I	CourseGroup : MIL-I
TeachingSchemeinHrs(L:T:P): 4:0:0	Credits 3
MapCode: A(Language Concept)	TotalContactHours: 60
CIA: 25 Marks	SEE# : 75 Marks
Programme: ALLIYRUGPROGRAMMES (Except CS&HM)	#-SemesterEndExam

No.	CourseOutcome(Cos): Aftercompletionofthiscourse,thestudentswillbeableto achieve the following outcomes.	POs	CIs	CL
CO1	Decouvertedufrancais,Premierscontacts,Lalanguedelaclasse. Demander de se presenter & se presenter, Demander/Donnerdesinformations personnelles.	PO2	20	R
CO2	Demander/Direlelieud'habitation,Exprimeresgouts, Parler de sa famille.	PO2	10	U
CO3	Fairedescoursesalimentaires,Donneruneappreciation, Commander au restaurant.	PO4	10	AP
CO4	Presenteruneville/unquartier,Sedeplacere transportsen commun, Demander/Indiquer le chemin.	PO4	10	AN
CO5	S'habiller,Donneruneappreciation,Parlerdelameteo, Decrire un objet.	PO7	10	C

UNIT-1: Bienvenue&Jesuis... -(Lecture Hours:20 Hrs)

LesInformationsinitiales-(Alphabets,Phonetics,Salutations,Numbers,Days,Months, Seasons, Accents, Articles, Verbs, Conjugation, Adjectives, Time, General Questions.)**Communication** - (Translation & Comprehension Passages)

Grammaire-(GrammarExercises)

Vocabulaire-(VocabularyExercises)

Culture&Francophonie -(Information aboutFrenchCulture&FrancophoneCountries)

UNIT – 2: Pres de moi - (Lecture Hours: 10 Hrs)Communication

-(Translation&ComprehensionPassages)

Grammaire - (Grammar Exercises)

Vocabulaire -(Vocabulary Exercises)

Culture&Francophonie -(Information aboutFrenchCulture&FrancophoneCountries)

UNIT – 3: Qu'est-ce qu'on mange ? - (Lecture Hours: 10 Hrs)

Communication -(Translation&ComprehensionPassages)

Grammaire - (Grammar Exercises)

Vocabulaire -(Vocabulary Exercises)

Culture&Francophonie -(Information aboutFrenchCulture&FrancophoneCountries)

UNIT–4:C’estou? -(LectureHours:10 Hrs)

Communication -(Translation&Comprehension Passages)

Grammaire -(GrammarExercises)

Vocabulaire -(Vocabulary Exercises)

Culture&Francophonie -(Informationabout FrenchCulture&FrancophoneCountries)

UNIT – 5: C’est tendance ! - (Lecture Hours: 10 Hrs)

Communication -(Translation&ComprehensionPassages)

Grammaire - (Grammar Exercises)

Vocabulaire -(Vocabulary Exercises)

Culture&Francophonie -(Information aboutFrenchCulture&FrancophoneCountries)

Text Books:

EDITO–NIVEAU A1-Methodedefrancais|Edition:2|LesEditionsDidier|CarolineSperandio
| Lucie Mensdorff-Pouilly | Serguie Opatski | Violette Petitmengin | Sylvie Pons | Hamza Djimli
(DELF) | Julie Veldeman-Abry (Phonetique) | (January, 2022)

ReferenceBooks:

R1.Larousse–Dictionnairebilingue|Edition:2|Hachette|MARIANNEDURAND(2006) **R2.**
Collins dico | Edition: 8 | MAURY-IMPRIMEUR SA MALESHERBES, FRANCE. Harper
co | MARIANNE DURAND (2006)

WebsiteLinks:

i) wordreference.comii) verb2verbe.comiii) tolearnfrench.com

Course Title : English I (T)	Course Code :
Semester I	Course Group : ELNI
Teaching scheme in Hrs. (L:T:P): 4:0:0	Credits 3
Map Code : A (Language concept)	Total Contact Hours: 60
CIA : 25 Marks	SEE: 75 Marks
Programme : All IUG Courses	#-Semester End Exam

No.	Course Outcomes (Cos): After completion of this course, the students will be able to	PSOs	CL. Ses	CL
CO1	Develops Communicative Skills	PSO1	12	AP
CO2	Understand the basics of Grammatical Structures	PSO1	12	U
CO3	Classify and apply the verbs and tenses	PSO1	12	AN
CO4	Recall the units of language and the kinds of sentences	PSO1	12	R
CO5	Identify the different parts of speech	PSO1	12	R

UNIT-I

LECTURE HOURS:12

The Lotus – Toru Dutt: About the poet - Toru Dutt is one of the most famous Indo-Anglican poets

- Most of her poetic works have an Indian theme and an Indian background - For an extended time, Lily and Rose had been fighting for the title 'Queen of flowers - Finally Love and Florahave decided to create a new flower that The Indian Lotus is the most beautiful and Queen of all flowers.

Monday Morning – Mark Twain (Adapted from Adventures of Tom Sawyer): It is an Adapted from "The Adventures of Tom Sawyer" by Mark Twain - Monday morning arises, and Tom is not so happy, because as usual, he has to go to school - He tries to find some reason not to go, like some ailment.

Parts of Speech: Definition of Noun, Pronoun, adjective - noun is a word used as the name of a person, place, thing etc, Definition of Verb and Adverbs - A verb is a word that denotes an action. Definition of preposition, conjunction and interjection - A preposition is a word that is used with a suffix.

Hints Development: Read all the hints thoroughly - Try to understand the tone of the passage. Make sure to use all the hints; do not leave any point - Arrange the points sequentially, one leading to the other - Make two or three paragraphs, as required - Look for the tense in the hints, follow the same in the story.

UNIT-II

LECTURE HOURS:12

Goodbye Party to Miss. Pushpa T.S - Nizzim Ezekiel: Nissim Ezekiel in this poem narrates an incident when a woman (Miss Pushpa) is supposed to leave India - her colleagues have masterminded a "Goodbye Party" for her - The narrator is likely a man uses Babu English which is quite interesting as he uses the Hindustani dialect and manners in it.

A Day's Wait – Ernest Hemingway: It refers to the boy's day spent waiting to die, as he believes he will - The father narrates the story - doesn't realise that the boy believes he is approaching imminent death - simply ascribes his son's strange behaviour to the illness.

Tense: Definition of Tenses – 12 basic English tenses - Types of tenses – Rules for Tenses with Examples. Sentence Pattern: Definition and Examples – Five Essential Elements of the sentence – Subject – Verb – Types of Verbs – Object – Complement – Adjunct – Examples.

Gerunds and Infinitives: Introduction about Gerunds and Infinitives - Basic Rules for Gerunds and Infinitives.

UNIT-III

LECTURE HOURS:12

Incident of the French Camp – Robert Browning: The poem describes an act of chivalry, gallantry, patriotism and sacrifice on the part of a young French soldier - It narrates an actual event in the war between France and Austria led by Napoleon in 1809 - Napoleon was standing on a little mound, eagerly looking towards Ratisbon.

I Have a Dream – Martin Luther King: It's a speech – given by Martin Luther King – In his speech minister and civil rights activist Martin Luther King Jr. outlines the long history of racial injustice in America and encourages his audience to hold their country accountable to its own founding promises of freedom, justice, and equality.

Concord: Introduction about Concord – Rules and Types of Concord – Exercises and examples.

Comparison of Adjectives: Introduction to the Degree of Comparison - Types of Degree of Comparison - Positive, Comparative and Superlative - Importance, Usage, Examples.

UNIT-IV

LECTURE HOURS:12

Daffodils – William Wordsworth: The poem was composed in the year 1802 - The title of the poem informs about the loneliness of the poet which he faces after the death of his brother - the endless view of the golden Daffodils in a field across the lake filled him with joy - This view was the greatest gift of nature to him.

The Unexpected – Robert Lynd: The essay “Unexpected” is the one which lets everyone to appreciate nature for the beauty which it shows us beyond our expectations - Lynd is trying to take us toward the natural beauty by taking the example of the wild birds and their singing ability which takes you to the imaginary world.

Conditional Clauses: Conditional clause definition - four main kinds of conditionals – The Zero Conditional (if + present simple, ... present simple) - The First Conditional (if + present simple, ... will + infinitive) - The Second Conditional (if + past simple, ... would + infinitive) - The Third Conditional (if + past perfect, ... would + have + past participle).

Re-Arranging Jumbled Sentences: Finding the opening sentence – Finding the closing sentence – Finding the connection between them – Finding the central theme of the sentence.

UNIT-V

LECTURE HOURS:12

Stopping by Woods on a Snowy Evening – Robert Frost: The story of a writer passing by some woods - The writer of the poem is traveling in the dark through the snow - pauses with his horse near the woods by a neighbour's house to observe the snow falling around him.

My Lord, The Baby – Rabindranath Tagore: It begins with a twelve-year-old boy named Raicharan - He leaves his village and enters the home and service of a man who shares the same caste as Raicharan – He becomes the private servant - From birth up until the day that the boy leaves for college - he is Anukul's personal attendant.

Reported Speech: Introduction to the Direct Speech and Indirect Speech - Changing Time Expressions - the difference between Direct and Reported Speech - Direct and Indirect Speech Rules with Examples.

Text Books:

T1. Natarajan K. *Enlightening English Prose*. New Century Book House, 2011.

T2. Rathnasabapathi K. *Developing Language Skills through Literature-I*. Sunitha Printers, 2016. T3.

Robb, Cuthbert W. *Representative Anthology: English Essays*. Blacky Books, 2011.

Reference Books:

R1. Mohan, Krishna and Banerjee, Meena. *Developing Communication Skills*. Macmillan India, 1990.

Course Title: Financial Accounting–I(T)	Course Code: 13A
Semester : I	Course Group : DSC– I
Teaching scheme in Hrs.(L:T:P): 5 :1: 0	Credits: 6
Map Code : C(THEORY CONCEPT)	Total Contact Hours: 90
CIA : 25 Marks	SEE : 75 Marks
Programme : All SOC(UG)	#-Semester End Exam

No.	Course Outcomes (Cos): After completion of this course, the students will be able to	PSOs	CL. Ses.	CL
CO1	To relate the meaning, objectives and Accounting process in the business	PSO1	18	R
CO2	To outline the meaning and preparation of Bank Reconciliation Statement and to illustrate the valuation calculations of Inventory in the company	PSO1	18	U
CO3	To explain the term Depreciation and Bill of Exchange & its accounting used in the business	PSO1	18	U
CO4	To make use of the preparation of Financial Statement with adjustment entries of Sole Proprietor	PSO1	18	A
CO5	To utilize the meaning of Not – for-Profit Organizations and its accounting in the real business life.	PSO1	18	A

Pedagogy:

- **Lecture, Seminar, Group discussion and Guest lecture.**

UNIT: I

(LECTURE HOURS: 18)

Theories of Accounting: Meaning, Objectives of Accounting and Book keeping - Scope of Accounting – Accounting Concepts, Principles and Conventions - Accounting Standards - International Financial Reporting Standards - Accounting Policies as per AS 1, Accounting Measurement.

Accounting Process: Journal – Ledger - Trial Balance - Subsidiary Books - Cash Book - Types of subsidiary books - Capital and Revenue Expenditure and Receipts as per AS 9 - Contingent Assets and Contingent Liabilities AS 4 & 29 - Rectification of Errors.

Practical

UNIT: II

(LECTURE HOURS: 18)

Bank Reconciliation Statement: Bank Reconciliation Statement - Causes of difference between cash and pass book - Procedures and Methods of preparing bank reconciliation statement.

Inventories as Per AS 2: Inventories - Inventory Record System - Techniques of Inventory Valuation

Practical

UNIT:III**(LECTURE HOURS:18)**

Accounting for Property and Plant and Equipment with reference to AS 10: Introduction - Methods of depreciation.

Bill of Exchange: Bill of exchange - Promissory Notes - Bill of Exchange Vs. Promissory Notes - Important terms - Accounting treatment of Bill transactions - Bills Receivable and Bills Payable Books

Practical**UNIT:IV****(LECTURE HOURS:18)**

Preparation of Financial Statement of a Sole Proprietor: Introduction of Financial Statement - Classification of Assets and Liabilities - Need of Adjustment Entries and Discussion of Important Adjustment Entries.

Practical**UNIT:V****(LECTURE HOURS:18)**

Financial Statement of Not for Profit Organization: Not for Profit organization - Financial statement of not for profit organization - Accounting treatment of some special items - Fund Based Accounting.

Practical**TEXT BOOKS:**

T1. Financial Accounting (6th Edition) – Dr. Alok Kumar, Singhal Publications – 2023 **T2.** Advanced Accountancy – S.P. Jain, K.L. Narang, Kalyani Publishers - 2016

REFERENCE BOOKS:

R1. Financial Accounting - Edition: 14 - S. Chand & Co - CABharat Tulsian and CA Dr. C. Tulsian (2014).
R2. Financial Accounting – Third Edition – SciTech Publications (India) Pvt. Ltd – Dr. S. Manikandan and CMA R. Rakesh Shankar

CourseTitle : ECONOMICSFORDECISION MAKING(T)	CourseCode : 13B
Semester : I	CourseGroup : DSC-II
TeachingSchemeinHrs(L:T:P): 5:1:0	Credits : 6
MapCode : C(THEORY CONCEPT)	TotalContactHo : 90
CIA : 25 Marks	SEE : 75 Marks
Programme: B. Com(CA)	#-SemesterEndExam

S.No	CourseOutcome(Cos):Aftercompletionofthis course, the students will be able to	PSOs	Cl. Ses	CO
CO1	StatetheNatureofeconomicproblemsand Factors of Production and	PSO1	18	U
CO2	DescribetheDifferencebetweenMicroandMacro Economics and Role of Markets in Allocating Resources.	PSO1	18	U
CO3	UnderstandingtheDemandand supply	PSO1	18	U
CO4	DefineMoneyandBankingandHousehold, Workers and Understand Firm	PSO1	18	U
CO5	DiscussheroleofGovernmentUnderstandthe concept off is caland monetary policy	PSO1	18	U

UNIT I

LECTURE HOURS:18

Nature of Economic Problem: Finite Resources and Unlimited Wants, Economic and Free Goods. **Factors of Production:** Importance of Factors of Production, Mobility of Factors of Production, Quantity and Quality of the Factors of Production, Payment for factors of Production. **Opportunity Cost:** Meaning of Opportunity Cost. **Influence of Opportunity Cost on Decision Making:** Opportunity Cost and Consumers, Opportunity Cost and Workers, Opportunity Cost and Producers, Opportunity Cost and Government. **Production Possibility Curves:** Production Points.

Movement of PPC: Shape of PPC. **Shifts in PPC:** Consequence of Shifts in PPC.

UNIT II

LECTURE HOURS:18

Micro and Macro Economics: Difference between Micro and Macro Economics, Decision Makers in Microeconomics & Macroeconomics. **Role of Markets in Allocating Resources:** Three key Allocation Decisions, Different Economic Systems, Market Economic System, Role of Price Mechanism. **Demand:** Definition of Demand, Demand and Price, Individual and Market Demand.

Supply: Definition of Supply, Supply & Price, Individual & Market Supply, Conditions of Supply.

UNIT III

LECTURE HOURS: 18

Price Determination Factors: Determination of Prices, Market Equilibrium, Market Equilibrium, Moving from Market Disequilibrium to Market Equilibrium. **Price Changes:** Effect of Changes in Demand, Effect of Changes in Supply, Changes in Supply and Demand. **Price Elasticity of Demand (PED):** Definition of PED, Calculating PED, Interpretation of PED, Elastic & Inelastic Demand, Determinants of PED, Changes in PED, Implications of PED for Decision Making. **Price Elasticity of Supply:** Definition of PES, Calculating PES, Interpretation of PES, Elastic & Inelastic Supply, Determinants of PES, Changes in PES, Implications of PES for Decision Making.

UNIT IV

LECTURE HOURS: 18

Microeconomics Decision Makers: Money: Forms of Money, Function of Money, Characteristics of Money. **Banking:** Commercial Bank, Central Banks. **Households:** Spending, Saving, and Borrowing. **Workers:** Factors that Influence an Individual's Choice of Occupation, Wage Determination and the Reasons for Differences in Earnings, Why Earnings of Occupations Change over Time, Specializations and Division of Labour. **Firms:** Classification of Firms, Small Firms, Causes of the Growth of Firms, Mergers, Economies and Diseconomies of Scale.

UNIT

LECTURE HOURS: 18

Government and Macro economy: Role of Government: Factors that Influence the Role of Government, Government's Influence on the Local Economy, Functions of Government at Local and National Levels, Role of the Government at an International Level. **Macroeconomic aims of Government:** Aims, Possible Conflicts between Macroeconomic Aims. **Fiscal Policy:** Budget, Reasons for Government Spending, Reasons for Levying Taxation, Main Categories of Taxes, Principles of Taxation, Impact of Tax, Fiscal Policy and the Budget, Effects of Fiscal Policy on Government Macroeconomic Aims. **Monetary Policy:** Money Supply, Monetary Policy, Effects of Monetary Policy on Government Macroeconomic Aims, **Inflation and Deflation:** Definition, Measurement, Causes, Consequences, policies to control inflation and deflation, Policy Conflicts.

Text Books:

T1: Managerial Economics | Edition: 2011 | Tata McGraw Hill Education Private Limited. | Geetika, Piyali Ghosh Purba Roy Choudhury (2012)

Reference Books:

R1: General Economics | Edition: 2014 | S. Chand & Company Pvt. Ltd | Agarwal: (2013)

அறம்நெற்று-சாதலநட்டல்நெற்று.)

பைஜமாழிநானூறு-(கள்ளி - அகிலும் கருங்காக்கதகயும்எள்ள வேண் டாம் - அறிவு தைறு -
தைகு தைறு - சிறியை எைப்படுேண் - கண்ணுள் மணிவய வபால் காலைலாக
நட்டேண் - உண்பேதைக் காப்பF கூற்று - மாணீ னேளம் குண்றியF - பாண்
மகள்நிதலப்பாடு - மாமுண்றில் நிதல)

அலகுII-பக்திஇலக்கியங்கள்

போதைவரளகள்-12

1. திருோசகம் - பக்தி இலக்கியம் - (பைண்ீரு திருமுதறகள் - எட்டாம் திருமுதற -
திருச்சைகம் பதிகச்சிறப்பு-அடியாண்நிதல -திருேடிச்சிறப்பு - வேறு ஜையேங்கதள
நிதையாதிருண்ண்ல் - பலஜசாற்கதளவபசவும்அடியாண்வபசுண்ல்-
மலைகளால்தைச்சிண்ண்ல்-ஜசல்ேண்தைஜபறவில்தல
- அடியாண்்களிண்Fயை்கதளைல்-திருேடி தைப்பம்சூட்டுண்ல்-ஜமய்யுண்ண்ல்)
2. ஜபாய்தகயாண்ண்ோண்்பாசுண்ம்-நாலாயிண் திேய் பிண்பநண்ம்-
(முண்லாண்ண்ோண்்கள்-முண்ல் திருேநண்ாதி-உலகப்பஜபாFதமவேண்டல்-
திண்ேடிமாதலசூட்டல்-உலதகஉமிண்நண்ேண்-ஜந்F ஜபாறிண்ாசல் நிண்றேண்-
காட்சிக்கு எளியேண்- தைப்பாக வபசுண்ல்; -ண்ண்ேதை இதறேண்ாகப்;
வபாற்றுண்ல்;)
3. ஜமய்ப்பஜபாருள்நாயாண் புண்ாண்ம் (மலாண் வகாமாண்- தைப்ப கருண்F அறிந்F
ஏல் ஜசய்பேண்;-தைப்பவேடவமசிந்தைஜசய்பேண்-வகாயில்களில் இதடவிடாF
ேழிபாடு ஜசய்பேண்-ஜசல்ேங்கதளதிருக்வகாயில்களுக்குண்ாண்ீண்ைங்கியேண்-
நாயாதைஜேல்ல மாற்றுதைசேருண்ல்-அடியாண்வைாற்றவமதைண்ணைநம்பியேண்-
முண்ண்நாண்ண்ஜபாய்யாண் வேட்தில்ேருண்ல்-ண்ண்ண்ண்ண்டுண்Fநிறுண்ண்ல்-
தைண்மதையில்புகைல-முண்ண்நாண்ண்ேண்ஞ்சக ஜமாழிஉதைண்ண்ல்-
தைசிதயைண்ீயிடம்வபாகஜசய்ண்ல் - முண்ண்நாண்ண்ீண் னேஞ்சகஎண்ணம்
பழிண்ண்ல்நாயாதைண்ாளிண்ால்வீண்ண்ண்ல்-
முண்ண்நாண்ண்ீயிடம்ண்ண்ண்ாநண்மைல்-முண்ண்நாண்தை காட்டில் விடச்சஜசய்ண்ல்-
திருநீற்றுதைப்புபாFகாண்ண்ல்-இதறேண்்திருேடிநிண்ல்அதடைல்)
4. பிறசமயங்கள்-பைபைக்கண்ணி - (திருக்கூண்்திதைகண்டுமகிண்ண்ல்-வேண்
மதறப்பஜபாருதளஉண்ண்ண்நாண்ாந்ண்ப ஜபாருதளஅறிண்ல்-பைபைண்தைவேண்டுண்ல்)
5.. இவயசுநாண்ண் சைதை - (மணிேயிற்று உதிண்ண் னேளல் - அகமும் புறமும்
நிதறநண்ேள் - கருதணயிண்தைதையிடம்தைதைமியாளிண்தைப்பு-
ஆண்டேண்்கருண்ைண்ல்-அகந்தை வீற்றல்)

அலகுIII-சிறுகதைகள்

போதைவரளகள்-15

1. நீண்விதளயாட்டு-ஜபருமாள்முருகை-(கிணறுவைாற்றம்-கிணற்றில்குதிண்ண்ல்-கிணற்தற
ண்ந்தையாகபாண்ண்ண்ல்சிறுமியிண்ஜசயல்-நீண்விதளயாடமறுண்ண்ல்-
அச்சைதைவிடுவிண்ண்ல்-
கிணற்றிண்தைஆண்்திறகு ஜச;லலல்-தககள்நீந்திக்கஜகாண்டிருநண்ண் -ண்ேதளயாய்நீந்திண்ாண்.);
2. காடைக்குடி-வே.பிண்சாநண்ண்-(பைங்குடிமக்கள்-குடில்கள்அதண்ண்ல்-காடைக்குடி
ஜசட்டில்ஜமண்ட்மதையால்குடியிருப்பு பாதிப்பு -வைஞ்சைண்வகாபம்-ஜெறிய தைசிண்
திட்டம்மும்பணும் னைவியும் காடுண்ாண்விடம் எைல்-மீண்டும் திரும்புண்ல்);
3. வீடு- காஞ்சைா ணாவமாண்ண்ண்- (முற்றை்தில்பல்ேதகயாண் நிகைவுகள்- திண் தணகள்
தைஜாட்டிக்கட்டு-பைதமயாண்வீடு-வீட்டிண்அதறகள்-வபச்சியிண்்பிண்ற்றல்-கூட்டுக்குடும்ப

ோை்கதக-கிணற்றுப்பக்கம் - புளியமைம் - குருவிகள் நிதல - பாட்டிஜபையம்மா -
வீட்டிை் பைதம.)

4.(இருேை்கண்டஓவைகைவு-கு.அகிை்சாமி-ஜேள்தளயம்மாள்குடும்பம்-குைந்தைகள்
நிதல-பசியிை்ஜகாடுதம-வேலப்பைிை்கருதணயுள்ளம்-ஜேள்தளயம்மாளமைணம்-

CourseTitle: HINDI – II (T)	CourseCode : 21H
Semester: II	CourseGroup :MIL-II
TeachingSchemeinHrs(L:T:P): 4:0:0	Credits 3
MapCode: A(Language-Concepts)	TotalContactHours: 60
CIA: 25Marks	SEE # : 75 Marks
Programme: ALLIYEARUGPROGRAMMES	SemesterEndExam

No	CourseOutcome(Cos): Aftercompletion ofthis course, thestudentswillbeabletoachievethefollowing outcomes.	POs	CS	CL
CO1	Recognizetheancientvaluablethoughtsthroughwhichis contemporaryevendaytoday'slifenowalso.	PO7	15	U
CO2	Distinguishtheimportanceandvaluesofthenatureandits credibility to the environmental basis.	PO3	15	R
CO3	Implementtheissueswhichhumancarriedoutisinthe wrongperception.Adoptourselvestothesituationis important.	PO7	15	AP
CO4	Distinguish theissueshandledtheproblemsday today lifein middleclass family.	PO8	8	AN
CO5	Knowing& applyingmoregrammarineverywalkoflife.	PO1	7	AP

UNIT: I– KABIR KEDOHE

(LECTUREHOURS:15)

KABIR KE DOHE: (samaj kepratikabir ki vani , samaj me sadhuvonkeprati kaliaan ki bhavana, jyadalalach ki bhavana se dur rehne ki maangishwar se kartehaia, jitnimehnat hum karengeutna hi phal pavengeuskesiddhant ko yuvyaktartehai, ninakon ko paasrakhne ki salaah detehai, unki vajah se hum nirmal ho jayengebinasabuntathapaanike, manushyon ki jindagi bahut kumsamaykeliey, I hai, usme hum acchekarmon se duniya ka prem jitnahai, atmaparamatmake Milan ki baatkartehai, jaisejal me kumbkumb me jalkebarabaratmaparamatmeketatvahai jo acchekarmo ki vajah se paramatka me vilin ho saktehai).

RAHIM KE DOHE (rahimkeanusaar prem bahut punithai, issebachakarrakhnachahiey, rahimkeanusaar madhurbaarbolsnichahiey kharibatonsedildukhnatodurvemitratakeliey layaknahi

ban jaate, taruvarjistarike se apna phal khud nahikhatausitarah bade log sampatti ko ikkatakarkedusaronkemadadkelieydetehai to usme koi kharabinahihai, pani ka mahatva ko batatehaijise manav me manyshyarupimanavaata kjarurathai).

UNIT-II

(LECTUREHOURS:15)

CHARUCHANDRAKICHANCHAL KIRANE:

(Maithili charanguptkepanchavati kavya se liyagayapdyahai. Ismeprakrutivarnan ka adhikstaandiyagayahai. Chandi raat ka varnan, nadi ka varnan, ityadi, 2. Panchavati ki chaya me parnakutirhaijiskesammukhlakshmanpahredari banker baithahuahai, kisivrat me leen yah nidra ko khote hue vipin ko apnavaasbanahuahaiyise is kutiya me kyadhanhai. Mritymalok ki papon ko mitane swami sang jo aayihavah teen lok ki lakshmi hai, uskekhatir ye lakshmanpehredaribanahuahai.)

VAHTODTIPATHAR:

(niraladwarakrut ek diyakavitahaijismedopherkesamay me bin chhayadhup me baithkarpathartodrahihaiuskavarnanhai.)

KYAPUJANKYAARCHANRE:

(mahadevivarmadwarakrutkavita me ye deh hi devalaykebarabarhai, jiskojis par nivasishwar ka ehssaa ho to manyshyjindagi ka saakarmilega. Isi tatv ko lekarvarmacchayavaaditva ko darshate hue is kavita ko rachihain.

JO BEET GAYISOBAATGAYI)

(bacchanjineiskavitakedauraanyedarshaatehaikijobaatbeetchukihaiuskebaremechintakarnese kya lab? Aage ki agrasarhonapadega. Isi taty ko is kavitarashatihai).

UNITIII

(LECTUREHOURS:15)

DAUDLAGHUUPANYAAS:(mamtakaliadwaralikhitlaaghuupanyaasekMadhyavargiyaparivaar ki kahani ko darshatahai. Ismepavanapne maa baap se dur naukrikeliyelahabad se ahmedabaad aa jaatahai aur puranevicharonketyajnayevicharon se phalibut ho jaatahai. Isliy maa baap aur uske beech ki duriyan bad jaatihai. Aur chotimotibaateapas me uthirehtihai. Vah ek ladki kopasandkartahaiuskomaa pasandnahikarti, magaruskiparavasahuskonahivahaagebadkarsamuhikvivahkarlewtahai. Aaj kal ki pidi maa baap se badkar paise ka mahatvdetehai. Akhir chota beta bhivideshchalejaatahai, lautkarnahiaane ki sambhavananahihai. Maa bap ka vilap bad to jaatahaimagarlautanahi)

UNITIV

(LECTUREHOURS:8)

VYAKARAN:(vachanaurlingkabed, strilingsepullingmebadaln, ekvachansebahu vachanme baldne ka pura vivarantathaniyam ko dena)

UNITIV

(LECTUREHOURS:7)

Anuvaadabhyaas

(Angrejisehindimeparivartankarnachoteshabdonkaanuvadkarnathathavakyonkaanuvaadsaath hi panktiyon ka anuvaadkarnaaadiabhyaas ko chotron ko dena)

Text Books:

1. VIVIDHMAALA:COMPILED BY BOSHINDI.

REFERENCE:

1. MANAKHINDIVYAKARAN.VANIPRAKHASHAN,N.DELHI.
2. [https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwj0tq7U4pyAAxUL4TgGHWsfBSgQFnoECBMQAQ&url=https%3A%2F%2Fwww.hindi-kavita.com%2FHindiPanchvatiMaithilisharanGupt.php&usg=AOvVaw33u82y1QBzUZw0cMQR-4x0&opi=89978449](https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwj0tq7U4pyAAxUL4TgGHWsfBSgQFnoECBMQAQ&url=https%3A%2F%2Fwww.hindi-kavita.com%2FHindiPanchvatiMaithilisharanGupt.php&usg=AOvVaw33u82y1QBzUZw0cMQR-4x0&opi=89978449https://www.youtube.com/watch?v=sh68KY1X2RA)<https://www.youtube.com/watch?v=sh68KY1X2RA>

CourseTitle:MALAYALAM– II(T)	CourseCode:12M
Semeste : II	CourseGroup: MIL-II
TeachingSchemeinHrs(L:T:P): 4:0:0	Credits : 3Credits
MapCode: A(LanguageConcept)	TotalContactHour:60
CIA : 25 Marks	SEE : 75 Marks

No	CourseOutcome(Cos):Aftercompletionofthis course, the students will be able to achieve the following outcomes.	POs	Class Session	CL
CO1	Understandthepastscenarioofethnicalpeopleandtheir livelihood and thereby inculcating moral values.	PO2	12	U
CO2	Interprettheimportanceofenvironmentalstudiesanda recalling the existence of humans in resilience with nature and its components	PO4	12	U
CO3	Adaptgenderequity,needofprotectinggirlchildand importance of Women empowerment	PO7	12	AP
CO4	Applysecularismanditschallengesinthecurrent scenario giving emphasis to live and let live	PO1	12	AP
CO5	AnalyzetheattractivefeaturesinIndraprasthawhich makes the capitalof country unique	PO4	12	AN

UNIT -I SHORT STORIES

LECTUREHOURS:12

1.UTHUPPAANTEY KINAR – KAROOR NIILAKANDA PILLA

(Karur is a writer who has left his mark on Malayalam fiction with his meticulous life observations. His writings are distinguished by their sincerity, pure presentation and moderation.)

2. POOVANPAZHAM–VAIKKAMMUHAMMAD BASHEER

(This carefully selected collection of Vaikom Muhammad Basheer’s short stories are characterised by a variety in theme and tone. He has enshrined in them every kind of experience from the pangs of hunger and sex to the rapture of mystic vision. Its range includes stark realistic pictures ofthematerial world as well as therealm offantasyhauntedby ghosts and spirits.Basheer has writtenon love and hate,on politiciansand pickpockets, on the fancies ofchildhood and on the disillusionments of adult life with an intense sense of the tragedy of life and at the same time an irrepressible sense of humour)

3. SHABDIKKUNNAKALAPPA–PONKUNNAMVARKKI

(It is the story of a heart-to-heart relationship between a farmer named Ouseph and a plowmannamedKannan.Asthebeginningstightened,OusephhadtosellKannan.Later,Ouseph rescues Kannan from the slaughterhouse, leaving even the emergency.)

UNIT-II SHORT STORIES

LECTUREHOURS: 12

4. NASHTTAPPETTANIILAAMBARI-MAADHAVIKKUTTI

(Madhavikutty was a storyteller who traveled in a dream world mixed with reality and imagination. Through her writings, she portrayed different facets of love and new definitions of gender relations. Neelambaritells the story of Dr. Subhadra who comes to Madurai in search of the love she lost in her teens. When she left Madurai to study in Madras and later lived in Kozhikode with her husband, Madurai remained in Subhadra's mind as an unforgettable memory. In the streets smelling of jaggery, peach and marigold, in the cool interiors of the Madhura Meenakshi temple, Subhadra searched not only for the lost Nilambari, but also for her own identity.)

5. BIRIYANI-SANTHOSH EACHIKKAANAM

(Santhosh Aechikkanam is surely one of the most influential writers in the present-day Malayalam short story. He has, to his credit, around eighty stories anthologized in half a dozen volumes. As a keen observer of life he has phenomenal skill in capturing the subtle nuances of the sordid side of the seemingly naive lives around him. The range of themes he deals with in his stories amply demonstrates his creative genius.)

6. KALLAN-MPNARAYANAPILLA

(Narayana Pillai is considered by many as one of the finest writers of Malayalam fiction. It was reported that he started writing during his stay in Delhi where he met [Kakkanadan](#) and was influenced by the writer; the first story was *Kallan* (The Thief). *Murugan Enna Pambatti*, *George Aramante Kodathi*, *Yathrakkidayil* and *Njangal Njangal Asuranmar* are some of his most notable short stories. Most of his short stories have been compiled in 5 anthologies viz. *Murugan Enna Pambatti*, *Sathragali*, *Anthikoottu*, *Njangal Asuranmar* and *M. P. Narayana Pilayude Kathakal*. He wrote only one novel, *Parinamam*, which was selected for the [Kerala Sahitya Akademi Award for Novel](#))

UNIT - III TRAVALOGUE

LECTUREHOURS:12

PURUSHANTHARANGALILOODE – VAYALAR RAMAVARMMA

(Ramavarma's first poetry anthology was *Padamudrakal*, in 1948 which reflected his affinity towards Gandhian ideals in those days. Later he changed his thought towards communism and keep close contact with the communist party of India. There are notable literature works against caste and communal systems in Kerala even though he is from an upper caste family. But he had a good affinity towards Indian culture which is reflected in the poem *Sargga Sangeetham*.¹ Between 1950 and 1961, he published a number of anthologies including *Konthayum Poonoolum* (1950), *Naadinte Nadam*, *Enikku Maramamilla*, *Mulankadu* (1955), *Oru Judas Janikkunnu* (1955), *Ente attolikavithakal* (1957), and *Sargasangeetham* (1961), a khandakavyam titled *Ayisha*, two short story anthologies.)

UNIT - IV TRAVALOGUE

LECTUREHOURS:12

PURUSHANTHARANGALILOODE – VAYALAR RAMAVARMMA

(Vayalar Ramavarma was a famous poet and lyricist belonging to Malayalam. He remained the most popular lyricist during the glorious era of Malayalam film music in the 1960s and 1970s and was a recipient of Kerala state award for best lyricist 4 times. He was also a recipient of National Film award for best lyricist for the songs of *Achanum Bappayum*, which include “*Manushyan MathangaleSrishtichu*”. Hewasalsoafamouspoet,bestknownforhispoems – *Sargasangeetham, Mulankaadu, Padamudrakal, Konthayum Poonoolum, Enikk Maranamilla, AayishaandOruJudasjanikkunnu*, andrecipientofKeralaSahityaAcademyAward for poetry in 1962 for the poetry collection – *Sargasangeetham*)

UNIT-VMALAYALABHASHAYUMCOMPUTERSAHITHYAVUM

LECTUREHOURS:12

E MALAYALAM

(A study on electronic Malayalam penned by Suneetha T V offering detailed study of the Malayalamcyberworldrangingfrome-mailtoe-bookandblogtowebsites. ‘E.Malayalam’ has eight essays including Bhasha Sankethika Vidyayum Computerum, Malayalm Computing, Internetile Malayalam, E. Malayalam)

TEXTBOOKS:

- T1. Uthuppaantey Kinar - Ediiton – 2, DC Books – 1990 - Karoor Nilakantappillai
T2.Poovambhazham–Edition–3,DCBooks–2003-VaikkamMuhammadBasheer T3.
Shabdikkunna Kalappa – Edition – 3, 2000, Current Books, Ponkunnam Varkki T4.
Nashttappetta Neelambari – Edition – 40, DC Books, 2008, Maadhavikkutti
T5.Biriyaani–Edition–18,DCBooks,2008,SanthoshEachikkaanam T6.
Kallan – Edition – 6, DC Books,2003, M P Pavithran
T7.Purushaantharangaliloode–Edition–10SaindhavaBooks,1999,VayalaarRamavarmma T8. E-
Malayalam – Edition – 3, Kerala Bashainstitute 2019, Sunitha TV

REFERENCES:

- R1.MalayalacherukathaSahithyacharithram–Edition–6,KeralaSahithyaacademi,2000,
Dr.M.M.Basheer
R2.Malayalashahithyacharithram–Edition–6–KeralaBashainstituteTVM,-2003,Kalpatta Narayanan
R3.E-Malayalam–Edition –3,KeralaBashainstitute2019,SunithaTV

WEB RESOURCES

https://youtu.be/hOgGteIBC_M

<https://youtu.be/QDj7RApGg6k>

<https://youtu.be/M8DNtoB0kTA>

<https://youtu.be/rJ1UEyI65qkhttp>

[s://youtu.be/-MqXQnpTJ3k](https://youtu.be/-MqXQnpTJ3k)

<https://youtu.be/jMi->

[1OwSIB4https://youtu.be/GE-wyIB0OtA](https://youtu.be/GE-wyIB0OtA)

https://youtu.be/QVId_t6DT_Mht

[tps://youtu.be/WNEye7uOyms](https://youtu.be/WNEye7uOyms)

<https://youtu.be/UCn3hfj8Apohtt>

[ps://youtu.be/amobVw5Bvko](https://youtu.be/amobVw5Bvko)

[**https://youtu.be/vSTZVrSx_Xw**](https://youtu.be/vSTZVrSx_Xw)

CourseTitle: FRENCH-II (T)	Course Code : 21 F
Semester: II	Course Group : MIL-II
TeachingSchemeinHrs(L:T:P): 4:0:0	Credit : 3
MapCode: A(LanguageConcept)	TotalContact Hours: 60
CIA: 25Marks	SEE#: 75 Marks
Programme: ALLIYRUGPROGRAMMES (Except CS&HM) #- SemesterEnd Exam	

No.	CourseOutcome(Cos): Aftercompletionofthiscourse,thestudentswillbeableto achieve the following outcomes.	POs	Class Sessi on	CL
CO1	Parler de ses activités quotidiennes, Demander/Dire l'heure, Proposer/Accepter/Refuser une sortie, Décrire une personne.	PO2	12	R
CO2	S'informer sur un logement, exprimer des règles de vie commune, Expliquer un problème domestique.	PO2	12	U
CO3	Exprimer une émotion, Parler de santé et de sport, Exprimer son accord ou son désaccord, Exprimer une obligation, une interdiction, Donner un conseil.	PO4	12	AP
CO4	Reserver une chambre d'hôtel, Décrire une ville, un pays, Décrire un paysage, Exprimer la préférence, Ecrire une carte postale.	PO4	12	AN
CO5	Parler de ses études et de son université, Parler de ses compétences, Parler de son projet professionnel, Parler de son métier.	PO7	12	C

UNIT–1: Qu'est-ce qu'on fait aujourd'hui? -(Lecture Hours: 12 Hrs)

Communication - (Translation & Comprehension Passages)

Grammaire - (Grammar Exercises)

Vocabulaire -(Vocabulary Exercises)

Culture & Francophonie -(Information about French Culture & Francophone Countries)

UNIT–2: Chez moi-(Lecture Hours: 12 Hrs)

Communication -(Translation & Comprehension Passages)

Grammaire -(Grammar Exercises)

Vocabulaire -(Vocabulary Exercises)

Culture & Francophonie -(Information about French Culture & Francophone Countries)

UNIT–3: En forme-(Lecture Hours: 12 Hrs)

Communication -(Translation & Comprehension Passages)

Grammaire -(Grammar Exercises)

Vocabulaire -(Vocabulary Exercises)
Culture&Francophonie -(Information about French Culture & Francophone Countries)

UNIT – 4: Bonnes vacances ! - (Lecture Hours: 12 Hrs)

Communication -(Translation & Comprehension Passages)
Grammaire -(Grammar Exercises)
Vocabulaire -(Vocabulary Exercises)
Culture&Francophonie -(Information about French Culture & Francophone Countries)

UNIT – 5: Au travail ! - (Lecture Hours: 12 Hrs) Communication

-(Translation & Comprehension Passages)
Grammaire -(Grammar Exercises)
Vocabulaire -(Vocabulary Exercises)
Culture&Francophonie -(Information about French Culture & Francophone Countries)

Text Books:

EDITO–NIVEAU A1-Methodedefrancais|Edition: 2|LesEditions Didier|Caroline Sperandio
| Lucie Mensdorff-Pouilly| Serguie Opatski| Violette Petitmengin| Sylvie Pons| Hamza Djimli
(DELF) | Julie Veldeman-Abry (Phonetique) | (January, 2022)

Reference Books:

R1. Larousse–Dictionnairebilingue|Edition:2|Hachette|MARIANNE DURAND(2006) **R2.**
Collins dico | Edition: 8 | MAURY-IMPRIMEUR SA MALESHERBES, FRANCE. Harper co
| MARIANNE DURAND (2006)

Website Links:

i) wordreference.com ii) verb2verbe.com iii) tolearnfrench.com

CourseTitle: ENGLISH-II (T)		CourseCode: 22E		
Semester: II		CourseGroup:ELN-II		
TeachingschemeinHrs (L:T:P):4:0:0		Credits: 3		
MapCode:A		TotalContact Hours:60		
CIA: 25Marks		SEE: 75Marks		
Programme:AllUGProgrammes		#-SemesterEndExam		
COs.	CourseOutcome (COs): Aftersuccessfulcompletionofthiscourse,the students will be able to	PSOs	Cl. Ses	CL
CO1	Enrichthestudentswithpronunciationandaccuracy in the use of English Language.	PSO1and PSO4	12	R
CO2	Aidthemunderstandtheresponsibilitiesandsocietal problems and solutions along with one act plays.	PSO1and PSO4	12	R
CO3	Teachthemvariousopportunitiesandsuccessof different noble people.	PSO1and PSO4	12	U
CO4	Helpthestudentstolearnthevarietyofsentence structures.	PSO1and PSO4	12	U
CO5	Becomeanemployablepersonwitheffective communication	PSO1and PSO4	12	R

UNIT-I (ONEACT PLAYS)

LECTURE HOURS-12

1. **Chitra**-RabindranathTagore– Introduction–AbouttheAuthor-Theplayadaptsthestory of Chitrāngadā and Arjuna from the Mahabharata. - Chitra beginning a conversation with Madana, the god of love, and Vasanta, the god of springtime and eternal youth - Chitra, the beauty of which hementions,entersand Arjunaimmediatelystrikesupaconversationwithher-Theplayendswith Chitra finally admitting to Arjuna that she is the princess of which he spoke of and that she begged for beauty in order to win him over.

2. **TheSun** –JohnGalesworthy –Introduction –AbouttheAuthor*TheSun*,asoldierreturns from the WWI front to reunite with his fiancée, only to discover that she has jilted him for another man. The girl is nervous and guilty-the man is ready to fight for his woman--but the soldier cannot bring himself to fight anymore. The sun is shining, the soldier has returned home, and he will let nothing standin theway ofhis high spirits. John Galsworthy’s delightful one-act bursts with sunny cheer and the joy of being alive.

3. **TheBoor**–AntonChekhov Introduction–About theAuthor“*TheBoor*is a romanticfarce - a widow who is mourning her husband’s death - disturbed in her home by a brutish man who her latehusbandowedhimmoney,throughtheirargumentsaboutwhichofthegendersismorefaithful in relationships they ultimately fall in love with each other.

4. **Heart in the Ground** – Douglas Introduction – About the Author - **Heart in the Ground**, isapowerfulandmovingstoryoflove-reconciliation-healingandhope,asayoungfarmingcouple learn to come to terms with the loss of their baby.

UNIT-II (BIOGRAPHY)

LECTURE HOURS-12

1. **Dr. APJ Abdul Kalam :Avul Pakir Jainulabdeen Abdul Kalam** 15 October 1931 – 27 July 2015) was an Indian aerospace scientist and statesman who served as the 11th President of India - Hethuscametobeknownasthe**MissileManofIndia**.KalamsservedastheChiefScientificAdviser to the Prime Minister and Secretaryof the Defence Research.During his term as president, he was affectionately known as the *People's President*, saying that signing the OfficeofProfit Bill was the toughest decision he had taken during his tenure. Kalam was criticised for his inaction in deciding the fate of 20 out of the 21 mercy petitions submitted to him during his tenure

2. **HelenKeller:** HelenAdams KellerwasanAmericanauthor-disabilityrightsadvocate,political activist-lecturer.BorninWestTuscumbia,Alabama-shelosthersightandherhearingafterabout of illness when she was 19 months old. Annie had been blind, but had her eyesight restored by surgery. Charlie Chaplin Sarah was a teacher for the deaf. Later, during World War II, she visited withwoundedarmysoldiersencouragingthemnottogiveup.Helenspentmuchofherlifeworking to raise money and awareness for people with disabilities, especially the deaf and the blind.

3. **CharlieChaplin:**SirCharlesSpencerChaplinKBEwasanEnglishcomicactor,filmmaker,and composerwhorosestofameintheeraofsilentfilm.Hebecameaworldwideiconthroughhisscreen persona, the Tramp, and is considered one of the film industry's most important figures. The Masterpiece Features – The Gold Rush (1925), The Circus won Charles Chaplin his first Academy Award.CityLightsprovedtobethehardestandlongestundertakingofChaplin'scareer.In Modern Times Chaplin set out to transform his observations and anxieties into comedy. His last picture, "A Countess from Hong Kong". He was also a composer, having written and published many songs, among them: "Sing a Song"; "With You Dear in Bombay";

UNIT-III(GRAMMAR))

LECTUREHOURS-12

1. ActiveVoiceandPassiveVoiceIntheactivevoice,thesentence'ssubjectperformstheaction ontheaction'starget. Inthepassivevoice,thetargetoftheactionisthemainfocus,andtheverbacts upon the subject.

Ritawrotealetter. (Subject +Verb+Object)

AletterwaswrittenbyRita.(Object)+(auxiliary verb)+(pastparticiple)+(bysubject). She cooks food. (Subject + Verb + Object)

2. Articles -Definite article- **the** (before a singular or plural noun)-Indefinite article- **a** (before a singularnounbeginningwithaconsonantsound)-**an**(beforeasingularnounbeginningwithavowel sound) -Count nouns - refers to items that can be counted and are either singular or plural - non-count nouns - refers to items that are not counted and are always singular

3. Question Tag - Question tags are short questions at the end of statements. They are mainly used in speech when we want to: **confirmthat something is true or not**, or - **to encourage a reply**fromthepersonwearespeakingto.Questiontagsareformedwiththeauxiliaryormodalverb fromthestatementandtheappropriatesubject.A **positive** statementisfollowedby a **negative** questiontag.Jack **is** fromSpain, **isn't** he?Mary **can** speakEnglish, **can't** she? A **negative** statementisfollowedbya **positive** questiontag.They **aren't** funny, **are** they? He **shouldn't** say things like that, **should** he?

4. Sentence Pattern - Subject: A person, animal, place, thing, or concept that does an action. Determine the subject in a sentence by asking the question "Who or what?" "I likespaghetti. Hereads manybooks. **Verb:** Expresses what the person, animal, place, thing, or concept does. Determine the verb in a sentence by asking the question "What was the action or what happened?" (The *be* verb is also sometimes referred to as a copula or linking verb. It links the subject, in this case "the movie," to the complement or the predicate of the sentence, in this case, "good.") **Object:** A person, animal, place, thing, or concept that receives the action. Determine the object in a sentence by asking the question "The subject did what?" or "To whom?/For whom?" I likespaghetti Hereads manybooks.

UNIT-IV(LANGUAGE COMPONENTS)

LECTURE HOURS-12

1. **One Word Substitution:** One word substitution is the use of one word in place of a wordy phrase in order to make the sentence structure clearer. The meaning, with the replacement of the phrase remains identical while the sentence becomes shorter. Her younger son has an extreme fear of dogs: **Her son has cynophobia. I am interested in the study of ancient things: I am interested in archaeology.**

2. **Idioms:** An **idiom** is a phrase or expression that typically presents a figurative, non-literal meaning attached to the phrase; but some phrases become figurative idioms while retaining the literal meaning of the phrase. Break the ice -To get the conversation going. Provide a conversation prompt. **Example:** Starting class with a joke or subjects students like will help to **break the ice.**

3. **Words from Headlines:** the heading or caption of a newspaper article -publicize widely or highly, as if with a headline-provide (a newspaper page or a story) with a headline-Headlines play a very important in any newspaper. Actually, Headline is used to attract the user to read the whole news. Headlines describe the whole news in short. Utterly-Completely, Scramble - Climb, Feud – Fight

4. **Homophones and Homonyms:** Words that sound alike but are different in meaning and spelling are called as Homophones ('bored' - 'board'); rather words that are similar in spelling and pronunciation but different in meaning are called as Homonyms ('park' - 'park').

UNIT-V(LANGUAGE STUDY AND COMMUNICATION)

LECTURE HOURS-12

1. **Letter Writing:** A letter is a written message that can be handwritten or printed on paper. It is usually sent to the recipient via mail or post in an envelope, although this is not a requirement as such. Any such message that is transferred via post is a letter, a written conversation between two parties. Letters are of two types-1. Formal Letter A letter written for a formal purpose is called a formal letter. It addresses a serious issue. 2. Informal Letter- A letter written for an informal purpose is called an informal letter. It is written for a casual purpose.

2. **Poster Making:** Posters have become an increasingly popular means of communicating research findings. However, at conferences there are often a large number of posters on display, so you need to ensure that yours is well-designed to attract, and hold, other people's attention. Elements of Mail Writing- The Format of Mail Writing

3. **E-mail Writing:** Email stands for electronic mail. It is the easiest and cheapest way of communication, which is primarily sent from the computer and mobile devices to one or multiple recipients. An email can be formal or informal depending on the circumstances if it is for the office purpose, Companies, organizations, govt. departments and officers use formal emails which are written like formal letters for official communication. Informal emails are sent to family, relatives, friends and sometimes acquaintances and are written in a friendly and conversational style.

4. **Note Making:** Notes are a permanent record of information that will help you prepare for seminars, presentations, assignments and examinations. Note-making helps you concentrate on what you are reading, watching or hearing; it helps you to understand new information and new ideas; noting things down in your own words help to place them in your long-term memory. Effective note-making is a key academic skill; The Procedure of Note Making. Read the passage carefully and thoroughly. While reading the passage, underline the key sentences. It will help you in forming the title and sub-titles. Make a rough note of the main points and give them a logical sequence. Use any format you like but it should depend on the theme of the passage. A little practice will make you adept in note-making.

Text Books:

- T1. Tagore. *One Act Plays*. New Century Book House, 2004.
- T2. Virtual English. Prepared by The Department of English. 2018.
- T3. Effective English | Edition: 1 | RVS | Department of English. 2019

Reference Books:

- R1. High School English Grammar And Composition Book. Wren & Martin. 2017.
- R2. Developing Reading Skills. Edition 1. Bloomsbury. 2015.

CourseTitle: FINANCIALACCOUNTING–II(T)	CourseCode: 23A
Semester : II	CourseGroup: DSC-III
TeachingSchemeinHrs(L:T:P): 5:1:0	Credits: 6
MapCode : C(THEORYCONCEPTS)	TotalContactHours: 90
CIA : 25 Marks	SEE#: 75 Marks
Programme: B.Com(CA)	#-SemesterEnd Exam

No.	CourseOutcome(Cos): Aftercompletionofthiscourse,thestudentwillbe able to	PSOs	CL Ses	CL
CO1	Buildtheconceptoffundamentalsofpartnershipsand featuresofpartnershipaccounts.	PSO1	18	U
CO2	Understandandapplytheconceptofadmissionof partnersandabletopreparefinancialstatementfor partnerships.	PSO1	18	AP
CO3	Understandandapplytheconceptofretirement,death of partners	PSO1	18	AP
CO4	ApplytheknowledgeandAbilitytopreparefinancial statementforlimitedcompaniesandmanufacturing account	PSO1	18	AP
CO5	Understandandapplytheconcepthirepurchase accounting	PSO1	18	U

UNIT:I

LECTUREHOURS:18

PREPARATION OF FINANCIAL STATEMENT : Partnerships (Partnership Act 1890 &1932,PartnershipDeed,AbsenceofaPartnershipDeed)–FeaturesofPartnershipAccounts (InterestonCapital,InterestonDrawings,PartnershipSalaries,AppropriationAccount,Profit Sharing Ratio, Goodwill, Capital and Current Accounts, Partnership Loans, Statement of FinancialPosition) – Advantages and Disadvantages of Partnerships.

UNIT:II

LECTUREHOURS:18

PARTNERSHIP CHANGES: ADMISSION OF A PARTNER: Accounting adjustments requiredonadmissionofnewpartner(Newprofitsharingratio,Sacrificingratiooftheold partners, Valuation of goodwill and its accounting treatment, Revaluation of assets and Reassessment of liabilities, Distribution of accumulated profits and losses , Adjustment of partners capitals).

UNIT:III

LECTUREHOURS:18

RETIREMENT AND DEATH OF A PARTNER: Adjustment for revaluation of assets andreassessmentofliabilities,Adjustmentofaccumulatedprofitsandlosses(Newprofit sharing ratio, Gaining ratio, Calculation and treatment of goodwill, Revaluationof assets and

Reassessment of liabilities, unrecorded assets and liabilities, Distribution of accumulated profits and losses , Ascertainment of share of profit or loss up to the date of retirement and death , Adjustment of capitals, Settlement of the amounts due to retired / deceased partner).

UNIT:IV

LECTUREHOURS:18

LIMITED COMPANIES (Introduction, Types of limited company, Setting up limited company, Advantages and disadvantages of operating as a limited company. Capital structure of a limited company, Types of share, Debentures, Reserves, Income statement, Statement of changes in equity, Statement of financial position).

Manufacturing accounts(Introduction, Prime cost, Manufacturing accounts, Manufacturing account format).

Limitation of accounting statements (Introduction, Historic cost, Non-financial aspects, Difficulties in definition).

UNIT:V

LECTUREHOURS:18

HIRE PURCHASE ACCOUNTING: Concept of Hire Purchase System (Definition, Hire Purchase Act 1972, Features, Contents of Hire purchase Agreement, Right of hirer to terminate the agreement at any time, Difference between Hire Purchase and Credit Sale) - Installment Payment System (Installment Payment System , Difference between hire purchase and Installment system) – Calculation of Interest (case one to seven)..

Accounting Methods for hire purchase Transactions: For Recording of sale of substantial value of goods (Cash price Methods, Actual cash price method or Asset accrual methods, Interest suspense method) – For Recording of sale of small value goods (Stock and Debtor method, Debtors method i.e. Hire Purchase Trading Accounting Method)

TEXTBOOKS:

T1 Basic Financial Accounting / Edition: 1 / Singhal Publication / Dr. Alok Kumar
(2019 – 20)

REFERENCE BOOKS:

R1 : Financial Accounting / Edition: 14 / S. Chand & Co / CA Bharat Tulsian and CA Dr. C. Tulsian (2014).

R2: Accounting – David Horner and Leanna Oliver – Collings – I Edition – 2018

CourseTitle: BASICJAVAPROGRAMMING(T)	CourseCode:23B
Semester: II	CourseGroup:DSC-IV
TeachingSchemeinHrs(L:T:P): 4:0:0	Credits: 4
MapCode: E(THEORY PROGRAMMING)	TotalContactHours: 60
CIA: 25Marks	SEE#: 75Marks
Programme: B.COM-CA	#-SemesterEndExam

No.	OUTCOME	PSOs	Cl. Ses.	Bloom's taxonomy level
CO1	Understand theprogramtcreate,compile &Execute	PSO1	12	U
CO2	UnderstandtheBuilt-in Typesof Data	PSO1	16	U
CO3	UnderstandtheCharacter,String,,Floating-point numbers, Integers, Booleans Data Type	PSO1	12	U
CO4	Understand LibrarymethodsandAPIsandType Conversion	PSO1	11	U
CO5	UnderstandtheConditionalsandLoopsConcepttheArray s in Java	PSO1	9	U

UNIT-I

LECTURE HOURS:12

Programming in Java -Creating a program, compiling a program, Executing a program, Example: Printing Hello World
Anatomyofaprogram

Errors:Example:Usingacommandlineargument.

InputandOutput:Abird's-eyeviewofajavaprogram

UNIT-II

LECTURE HOURS:16

Built-inTypesof Data

Terminology: Literals, Operators, Variables, Declaration Statements, Variable naming conventions, Constant variables, Expressions, Operator precedence, Assignment statements, Inline initialization, tracing changes in variable values, Type safety

Characters and strings: Java's built-in char data type, Java's built-in String data type, Typical String expressions

Example: String concatenation, Converting numbers to strings for output, Converting strings to numbers for input

UNIT-II

LECTURE HOURS:12

Built-inTypesof Data

Integers-Typicalintexpressions,Java'sbuilt-inintdatatype,Example:Integermultiplicationand division

Floating-pointNumbers-Typicaldoubleexpressions,Java'sbuilt-indoubledatatype,

Example:

Quadratic formula

Booleans-Java's built-in Boolean data type, Truth-table definitions of Boolean Operations

Comparisons-Example: Leap year

Library methods and APIs

Type conversion- Implicit type conversion, explicit cast

Example: Casting to get a random integer, Explicit type conversion

UNIT-IV

LECTURE HOURS:11

Conditionals and Loops

If statements- Anatomy of an if statement, Flowchart examples (if statements)

Examples: Absolute value, put the small value in x and the large value in y, maximum of x and y, error check for division operation, error check for quadratic formula

While loops - Anatomy of a while loop, Flowchart

Example: (while statement), your first while loop, computing powers of 2

For loops - Anatomy of a for loop (that prints powers of 2), For notation, Compound assignment idioms, Scope

Example: Compute the largest power of 2 less than or equal to n, compute a finite sum ($1+2+\dots+n$), Compute a finite product ($n! = 1 \times 2 \times 3 \times \dots \times n$), Print a table of function values, compute the ruler function

UNIT-V

LECTURE HOURS:9

Conditionals and Loops

Other conditional and loop constructs: Break statements, Continue statements, Switch statements Do-while loops, Infinite loops

Arrays

Arrays in Java- declare the array, create the array, and initialize the array, zero-based indexing, and **Array length**

Example:

Print the array values one per line, Find the maximum of the array values, Compute the average of the array values, Reverse the values within an array, Copy a sequence of values to another array

Textbook:

1. Introduction to Programming in Java : An Interdisciplinary approach (2nd Edition) by Robert Sedgewick and Kevin Wayne, Princeton University.

Reference Book:

1. The Complete Reference, Sixth Edition by Herbert Schildt (Author)

CourseTitle: BASICJAVAPROGRAMMING(P)	CourseCode: 23B
Semester: II	CourseGroup: DSC-IV
TeachingSchemeinHrs(L:T:P): 0:0:4	Credits: 2Credits
MapCode: G(PRACTICALPROGRAMMING)	TotalContactHours: 60
CIA: 40Marks	SEE#: 60Marks
Programme: B.COM-CA	#-SemesterEnd Exam

PRACTICALPROGRAMS

LECTUREHOURS:60

1. CreateaProgramtoPrinta“HelloWorld” Statement.
2. CreateaProgramUsingacommandlineargument.
3. CreateaProgramforStringconcatenation.
4. CreateaProgramfor Convertingnumberstostingsforoutput.
5. CreateaProgramtoConvertingstringstonumbers forinput.
6. CreateaProgramforQuadraticformula.
7. CreateaProgramforLeap year.
8. CreateaProgramforCastingtogetarandominteger.
9. CreateaProgramforAbsolutevalue.
10. CreateaProgramforcomputingpowersof 2.
11. CreateaProgramforComputethelargest powerof2lessthanorequalton.
12. CreateaProgramforFindthemaximumofthearrayvalues.

CourseTitle: TAMILIII(T)	CourseCode: 31T
Semester: III	CourseGroup: MIL-III
TeachingSchemeinHrs(L:T:P): 4:0:0	Credits:3
MapCode: A(Language-Concepts)	TotalContactHours: 60
CIA: 25Marks	SEE#: 75 Marks
Programme: ALLII YEARUGPROGRAMMES SemesterEnd Exam	

No.	CourseOutcomes (Cos): Aftercompletionofthiscourse,thestudentswillbeable to	POs	CL. Ses	CL
CO1	தமிழ்க்காப்பியங்கைின்ழிோழேியல்சிந்தளையப் பபறுேர்	PO7	14	U
CO2	காப்பியங்கள்அறிமுகப்படுத்தப்படுதோல்தமிழ்பமாழியின் உயர்ளேயும்சிறப்பயும்உணர்தல்	PO7	14	U
CO3	தமிழ்ப்புதிைங்கைின்ழிசமகாலப்பளடப்புகைின் ோழேியல்சிந்தளைகளைஅறிந்துபகாள்ேர்	PO3	12	R
CO4	நாேல்இலக்கியம்அறிமுகப்படுத்தப்படுதோல் சிந்தளையாற்றல்,பளடப்பாற்றல்கற்பளைத்திறன்ேர்தல்	PO2	10	AP
CO5	யாப்பு,அணிஇலக்கணங்கள்,பமாழித்திறன்இலக்கிய ேரலாறுஆகியேற்றளக்கற்பதன்மூலம் வபாட்டித்வதர்வுகளைஎதிர்பகாள்ளுதல்	PO1	10	R

அலகு-Iகாப்பியஇலக்கியம்

பாடவேளைகள்-14

காப்பியங்கள்-சிலப்பதிகாரம்-(வேனிற்காதத-தமிழகத்தின்எல்லதலயும்ததன்றலின்
ேருதகயும் - மாடுயின்பிரிவும் - யாழ்மீட்டலும்- யாழின்உறுப்புகள் - மாடு
வகாேலனுக்குத் திருமுகம் அனுப்புதல் - மாடு கடித்தத
ேசந்தமாதலயிடம் தகாடுத்தல்-

வகாேலன்மாடுயிள்ளண்ேதகநடிப்புகதைநடித்துக்காட்டல்-காண்ேரி-
கண்கூடுேரி-கிைர்ேரி-புறேரி-சந்தமாதலஉதரத்தல்-மாடுயிள்ளும்பித்தக.)
மணிவமகதல - (மணிவமகலா ததயேம் ேந்து வதான்றிய காதத - உதயகுமரன்
மயக்கமும்சுதமதி உதரயும் - சுதமதி தன்ேரலாறு உதரத்தல் - தந்ததயின்பரிவு -
சுதமதியின் தந்தத வதடுதல்- தந்ததயின்பரிவு-சங்கதருமன்உதர-மணிவமகலா
ததயேம்வதான்றல-புத்தபீடிதகேலம்ேருதல்-புகார்எனும்பூங்காடி-அகழி- ஞாயில்-
வகாட்டம்-வகாயில்தபண்ணாகஉருேகித்தல்-அந்திமாதலயிள்ளேவு- தபதடயிள்ளிதல-
அன்னச்வசேஸ்நிதல-பசேின்நிதல-வகாேலர்நஜிதல-மகைர்
நிதல-அந்திமாதலச்சிறப்பு.)

கம்பராமாயணம்-ோலிேததப்படலம்-(ோலிவபாருக்குஎழுந்தகுழல்-தாதரயின்
ததடயும்:ேிடடயும்-கிட்கிந்ததக்குஅரவச-ேலிதமயில்பாதிதயத்தபற்றுேரிடுவேன்-
இரண்டுமதலகள்வமாதுதல்-குயேன்தன்றிரிதகயிவலமண்தணதேத்துக்குடத்த
ேதனேதுவபாலஇருத்தல்-இருேரும்ஒருதாயிள்ளேயிற்றில்பிறந்தபிள்ளைகள்- சந்தன்
உபசந்தன் என்னும் மன்னர்கள் - தகயினால் ஒருேதர ஒருேர் பற்றி எடுப்பர் - காற்றறப்
வபால சுற்றிச் சுற்றி ேருேர் - கால்கால் பின்னிக் தகாள்ேர் - ோலி
வமல்இராமன்அம்புளய்தல்-கதிரேன்மகனாகியசுக்கிரீேன்-இராமன்மதறந்துநின்று
அம்தப ேரிடுத்தல் - ோலி அம்தப;ப்பற்றிஎடுத்தல் - என்மீது அம்புேிட்டேன் தசயல்
ஒப்பற்றதசயல்-ோலியிள்தசய்தகதயக்கண்டவதேரும்பதடேரீ ரும்பிறரும் வபாற்றல் -
அம்பில் தபாறித்த நாமம் மூன்று உலகங்களுக்கும் மூல மந்திரம் - ோலி

இராமதனஇகழ்ந்துதரத்தல்-தாமதரூப்பததப்பவபாலஅன்வதான்றினான்-மரதபக்;

காத்த நீ தீதம தசய்தாய் - பரதனுக்கு முன் வதான்றியேன் - என்பால் எப்பிதழ்தயக் கண்டாய் - அறச் தசயலன்று தகுதியற்ற தசயல்- இராமன் மறுதமாழி கூறல் - லோலியின் மனமாற்றம் - சிறியன சிந்தியாதேன் லோலி..திருடேடிகதை எனக்குத் தருளாயாக என்று வேண்டுகல்.)

அலகுII-நாடேல்

பாடவேதைகள்-14

புத்துமண் - சுப்ரபாரதி மணியன் - (அதிகாதலப் தபாழுதம்குயிலின் னும் - சிரோத்திரியும்பயணமும்-சிரேஞ்சனி-வதனம்தமயின்படிப்புகள்-வபாததஆசாமியும் -உவம்பாததயும்-அதமரிக்கத்தகேலும்-தபண்ேடுததலயும்-சுமங்கலித்திட்டமும்- கடிதமும்ேடுமீம் - லேிததகளும்; கனவும் - குறுந்தசய்திகளும்குற்றச் தசய்திகளும் - சுடுமணல்-பூவுலகின்நண்பர்கள்-அஞ்சலி.)

அலகுIII-இலக்கணம்

பாடவேதைகள்-12 அணி

இலக்கணம் - (அணி இலக்கண நூலும் - தேககளும் - தன்தமயணி - பின்ேருநிதலயணி-உதமயணி-உருேகஅணி -சிவலதயணி-தற்குறிப்பவற்ற அணி)

அலகுIV-பயிற்சி

பாடவேதைகள்-10

1. சிறுகததஉருளாக்கம்-(கததக்கைம்-கததமாந்தர்கள்-கததப்பின்னல்-உத்திகள்)
2. கதைதஉருளாக்கம்-(மரபுக்ககேதத-புதுக்கேதத-கஜல்கேதத-தைக்கூ கதைத-லிமராக்கேதத)
3. நூல்மதிப்பீட்டுப்பயிற்சி-(லேிமர்சனப்பார்தே-நூல்தரும்கருத்துகள்).

அலகுV-இலக்கியரேலாறு

பாடவேதைகள்-10

1. காப்பியங்கள்வதாற்றம்ேர்ச்சி-(காப்பியம்ேிக்கம்-காப்பியபகுப்புகள்- காப்பியஇலக்கணம்-காப்பியேதககள்)
2. நாடேலின் வதாற்றம் லேர்ச்சி-(நாடேல் - இலக்கணம் - நாடேல் வதாற்றம் - வமனாட்டில்நாடேல்இலக்கியம்-நாடேல்ேதககள்-தமிழ்நாடேல்கள்.)

பார்தேநூல்கள் :

1. தமிழிலக்கியேரலாறு-மு.ேரதராசன்
2. சிலப்பதிகாரம்--நா.மு.வேங்கடசாமிநாட்டார்-கழகதேலையீடு
3. மணிவமகதல--உ.வே.சாமிநாதய்யர்-கழகதேலையீடு
4. கம்பராமாயணம்-ஆசிரியர்குமுகம்பன்கழகம்
5. புத்துமண்-சுப்ரபாரதிமணியன்-உயிர்தமபதிப்பகம்
6. நல்லதமிழ்எழுதவேண்டுமா?-அ.கி.பரந்தாமன்-பாரிநிதலயம

CourseTitle: HINDI-III (T)	CourseCode: 23H
Semester: III	CourseGroup: MIL-III
TeachingSchemeinHrs(L:T:P): 4:0:0	Credits:3
MapCode: A(Language-Concepts)	TotalContactHours: 60
CIA: 25Marks	SEE # : 75 Marks
Programme: ALLIYEARUGPROGRAMMESS	semesterEndExam

No	CourseOutcome(Cos):Aftercompletionofthiscourse, the students will be able to achieve the following outcomes.	POs	CS	CL
CO1	Getting&describeknowledgeregardingPersonalletter writing in Hindi, for example letter to father, letter to mother, letter to friend.	PO3	12	U
CO2	Providing&applyingknowledgeofLetterwritinginHindi Social letters in Hindi	PO1	12	AP
CO3	Telling&practiceabouttherulesofOfficial Correspondence Business letters in Hindi	PO2	12	AP
CO4	Providing&organizingthepracticeonDraftingandnoting Official Letters in Hindi	PO3	12	AN
CO5	Knowing&practicingsaboutthenamesofposts,namesof sections and related terminology Know about Technical Words	PO1	12	AP

UNITI

LECTUREHOURS:12

NijiPatraLekhan:(private letters, letter to father, letter to mother, letter to friend, letter to other relations is comes under nijipatra ,pitajimatajike naam patra Mitra, BhaiaadikenaampatraParibhashikShabdawali–Prashasanik)

UNITII

LECTUREHOURS:12

SamajikPatraLekhan:(SamajikPatra – Arthaur,BhedAavedan,Patra – Noukri,Chutti,aadiDakAdhikarikenaampatra,Nagarपालिककनाampatra,Parivahan,pradhikaran,ke,naam,patra ,Paribhashikshabdawali–vidhi)

UNITIII

LECTUREHOURS:12

VyavasayikPatraLekhanVyavasayikPatra:(ArthaurBhed,Prakashakkenaampatra,Pooch-Taach, Shikayathi, Kshatipoorthiaadivishyo par patralekhan, Paribhashikshabdavali – Padnamvamantralayokenaam)

UNITIV

LECTUREHOURS:12

SamanyaParichay:(SarkariPatra, Ardh-SarkariPatra, Gyapan, Paripatra, Anusmarak, Adhisuchna, Avedan, ParibhashikShabdavali – Banking).

UNITV

LECTUREHOURS:12

PratiyogiPariksha :(ispar adharitPatrachar se SambandhitPrashikshanKarya,Praroop banana ka Prashikshandena, Tippanlikhn ek Prashikshan Dena, Vibhinnapratyogiparikshaoke bare meinsuchnapradandena)

ReferenceBooks

1. AlekhanaurTippan–Prof.Viraj
2. Alekhan- Kichlu

RelatedOnlineContents(MOOCs,SWAYAM, NPTEL,YouTube,Websites,etc.)

1. <https://youtu.be/-kUPGG0B4tU>
2. <https://www.youtube.com/watch?v=xk14MNb1r7k>

CourseTitle:MALAYALAM– III(T)	CourseCode:23M
Semester:III	CourseGroup:MIL -III
TeachingSchemeinHrs(L:T:P):4:0:0	Credits:3Credits
MapCode:A(LanguageConcept)	TotalContactHour:60
CIA:25 Marks	SEE:75Marks
Programme :II YrALL UG PROGRAMMES	#-SemesterEndExam

No	Course Outcome (Cs): After completion of this course, the students will be able to achieve the following outcomes.	POs	Class Session	CL
CO1	Compare and contrast the primary characters in the play	PO6	12	AN
CO2	Categorizethemajoreventsintheplayina chronological order	PO4	12	AN
CO3	Describethedifficultiesoftheuneducatedhero whoheishailingfromalowermiddleclass family	PO7	12	U
CO4	Sequencetheeventsinthescenplaythroughthe past eventsareinterveningintheformof flashback	PO5	12	AP
CO5	SummarizetheeffortsofOperatorforthe reunionforthatchildwithhisfamilyinGujarat	PO1	12	U

UNIT: IDRAMA

LECTURE HOURS:12

1128ILCRIME27–CJTHOMAS

(CJisaboldexperimentamongMalayalamdramas.Crime27in1128,aplaywrittenbyThomas in 1954. It has also been hailed as the first experimental drama in Malayalam. The play is characterized by being a play within a play . The main theme is death. The plot is very simple. Erupaka's husband, Marcos, and her husband, Varki, also disappear. It is said that he died in the furnaceandwasnotkilled.Ateachstage,theGuruconvincesthedisciplewhatkindofreactionthis incident will have in the press, family, and court institutions. This play is a discussion about death. The playwright's question is what will be the dead man's view of death. The Guru answers that his death will be a perfect goose. And then how the living approaches the philosophical problem of deathThe Guru shows through the play which takes place in various scenes.)

UNIT:II DRAMA

LECTURE HOURS:12

1128ILCRIME27–CJ THOMAS

(Justwhenyouthinkthatthe newsofthedeathwillbeprominentlyfeaturedinthenewspaper,the minister's speech on duck farming is received in the press office. It becomes headline news. Then thenewsofthedeathwasreducedtoaninch.Itisgenerallybelievedthatdeathwillbe terribleand

mournful in the house of death. But did you see it there? Debt between the deceased's wife and father. A point of contention is how the death benefits should be spent. The wife wants to make porridge for the little ones, the father wants them to eat opium. If it is in the court, the trial of the murder case is conducted very seriously. So 'Kodanta' is the translation of 'Kodavayer'. The judge steps aside. If they are policemen, they force the accused to commit suicide as per Ayurvedic medicine. Ant's neighbor Chucky, representing the common people, cages the judge, the government attorney, and the police. By the time the interrogation is over, Marcos, who was thought to be dead, returns. Thus death becomes a goose.)

UNIT III SCREEN PLAY

LECTURE HOURS: 12

KAZHCHA – BLESSY

(The screenplay starts in the backwater areas of Kerala which captures the current scenario of such villages in three to four cuts quickly and directly plunges into the life of a touring movie operator, Madhavan. His profession is outdated and he strives hard to survive but happily and peacefully leading a pleasant life with his family. Pavan, a vagabond boy who lost his entire family in the Gujarat massive earthquake. The boy finds himself with street children in Kerala who could not understand or speak his language)

UNIT: IV SCREEN PLAY

LECTURE HOURS: 12

KAZHCHA – BLESSY

(Madhavan is touched by his plight and the boy starts sticking around him. Slowly a special bond develops between them in spite of the language barrier. Madhavan takes the boy with him when he returns home to his family consisting of his parents, wife Lakshmi (Padmapriya) and daughter Ambili (Baby Sanusha). Soon the boy becomes a member of the family more so after he saves Ambili from an accident)

UNIT : V SCREEN PLAY

LECTURE HOURS: 12

KAZHCHA – BLESSY

(Overnight the boy becomes a small time hero but the subsequent publicity does him no good. The boy gets entangled in a legal battle for his custody and disputing in a juvenile home in Kerala. Madhavan wants to adopt him but he has to prove that there is no living family remaining for the child. So a search for the boy's parents in an earthquake ravaged Gujarat ensues, concluding in a realistic ending.) **TEXT**

BOOKS:

T1. DRAMA - 1128 – IL CRIME 27 – CJ THOMAS

T2. SCREENPLAY - KAZHCHA – BLEZY

REFERENCETEXTS:

R1. Malayalanadakahithyacharithram – G Shankkarappilla – DC Books R2.

Malayalanadakam – Dr Ezhumattur Rajarajavarma DC Books RR3.

Kairaliyude Katha – N Krishnapilla -DC Books\

4. Malayalahithyam Kalaghattangailoode – Erumeli Parameswaran Nair – DC Books

R5. Thirakkathaa Sahithyam – Jose K Manual – DC Books

CourseTitle: FRENCH-III(T)	CourseCode: 31F
Semester: III	CourseGroup: MIL-III
TeachingSchemeinHrs(L:T:P): 4:0:0	Credit: 3
MapCode: A(LanguageConcept)	TotalContact Hours: 60
CIA: 25Marks	SEE: 75 Marks
Programme: ALL IYRUGPROGRAMMES(ExceptCS&HM)#-SemesterEndExam	

No.	CourseOutcome(Cos): Aftercompletionofthiscourse,thestudentswillbeableto achieve the following outcomes.	POs	Class Sessi on	CL
CO1	Parler de son parcours, Exprimer son intention de faire quelque chose,Parlerdesesgouts,Proposer,accepterourefuserunsortie.	PO2	12	R
CO2	Raconterunsouvenir,Exprimerlefait d'aimeretdenepas aimer, Interrogersurunsouvenir.	PO2	12	U
CO3	Decrireun logement, Louer unlogement, Exprimersadeception, Consoler,reconforter.	PO4	12	AP
CO4	Faireleportrait physique dequequ'un, Faireun compliment,Parlerducaractere dequequ'un.	PO4	12	AN
CO5	Parlerdufutur,imaginerl'avenir,Decrirel'utilited'un objet,Exprimersasurprise,Exprimerun espoir..	PO7	12	C

UNIT – 1: Nouvelles vies - (Lecture Hours: 12 Hrs)

Communication - (Translation&ComprehensionPassages)

Grammaire - (Grammar Exercises)

Vocabulaire - (Vocabulary Exercises)

Culture&Francophonie - (Information aboutFrenchCulture&FrancophoneCountries)

UNIT – 2: Je me souviens - (Lecture Hours: 12 Hrs)

Communication - (Translation&ComprehensionPassages)

Grammaire - (Grammar Exercises)

Vocabulaire - (Vocabulary Exercises)

Culture&Francophonie - (Information aboutFrenchCulture&FrancophoneCountries)

UNIT – 3: Comme a la maison - (Lecture Hours: 12 Hrs)

Communication - (Translation&ComprehensionPassages)

Grammaire - (Grammar Exercises)

Vocabulaire - (Vocabulary Exercises)

Culture&Francophonie - (Information aboutFrenchCulture&FrancophoneCountries)

UNIT – 4: Tous pareils, tous different - (Lecture Hours: 12 Hrs)

Communication - (Translation&ComprehensionPassages)

Grammaire - (Grammar Exercises)

Vocabulaire -(Vocabulary Exercises)

Culture&Francophonie -(Information about French Culture&Francophone Countries)

UNIT – 5: En route vers le futur ! - (Lecture Hours: 12 Hrs)

Communication -(Translation&Comprehension Passages)

Grammaire - (Grammar Exercises)

Vocabulaire -(Vocabulary Exercises)

Culture&Francophonie -(Information about French Culture&Francophone Countries)

Text Books:

EDITO–NIVEAU A2-Methodedefrancais|Edition: 2|LesEditions Didier|Caroline Sperandio
|Clemence Fafa|Florence Gajdosova|Alexandra Horquin|Airelle Pasquet|Marion Perrard| Violette
Petitmengin| Marlene Dodin (DELF) | Julie Veldeman-Abry (Phonetique) | (April, 2022)

Reference Books:

R1.Larousse–Dictionnairebilingue|Edition:2|Hachette|MARIANNE DURAND(2006) **R2.**
Collins dico | Edition: 8 | MAURY-IMPRIMEUR SA MALESHERBES, FRANCE. Harper co
| MARIANNE DURAND (2006)

Website Links:

- i) wordreference.comii) verb2verbe.comiii) tolearnfrench.com

CourseTitle: EnglishIII(T)	CourseCode:32E
Semester:III	CourseGroup:ELNIII
Teachingschemein Hrs(L:T:P): 4:0:0	Credits:3
MapCode:A(LANGUAGECONCEPTS)	TotalContact Hours:60
CIA:25Marks	SEE: 75Marks
Programme:AllIUG Courses	#-SemesterEndExam

No.	CourseOutcomes (Cos): After completion of this course, the students will be able to	PSOs	CL. Ses	CL
CO1	Broaden their outlook and sensibility and be acquainted with cultural diversity and divergence in perspectives.	PSO1	12	AP
CO2	Be updated with basic informatics skills and attitudes relevant to the emerging knowledge society	PSO1, PSO2	12	U
CO3	Produce grammatically and idiomatically correct language	PSO4, PSO6	12	AP
CO4	Gain knowledge in writing techniques to meet academic and professional needs.	PSO4, PSO5, PSO6	12	R
CO5	Be equipped with sufficient practice in Vocabulary, Grammar, Comprehension and Remedial English from the perspective of career oriented tests.	PSO3, PSO8	12	R

UNITI: POETRY

LECTURE HOURS:12

The Voice of the Mountains -Mamang Dai- 'The Voice of the Mountain' by Mamang Dai talks about a young man. He brought a fish as an offering to the spirit of the mountain as he couldn't speak. The person thought if the mountain took pity on him, he would grant his voice back. According to the mountain, such acts of pleasing him are repeated.

Sita- Toru Dutt- In the poem "Sita" the poet Toru Dutt conjures up the mythic past and tries to infuse into it the past glory. She gives a picture of Sita in exile. What fascinates the reader is her description of nature in which flowers, lakes, peacocks, and a herd of deer find a place.

A Song of Hope – Oodgeroo Noonuccal- The poem 'A Song of Hope' revolves around the dark history of Australia where discrimination and slavery were shown to the Aboriginal People. But unlike most poems 'A Song of Hope' like its name positively talks about a brighter and fairer future for the coming generations of Aboriginal People.

In an Artist's Studio - Christina Rossetti- Christina Rossetti's sonnet, 'In an Artist's Studio', is broadly concerned with the tensions between art and reality. Specifically, these tensions arise from the relationship between the male artist and the artist's female model, the gazer and the gazed-upon.

UNIT II: SCENES FROM SHAKESPEARE

LECTURE HOURS: 12

Romeo & Juliet - The Balcony Scene- At the start of this scene, Romeo hides beneath Juliet's balcony and overhears her talking about him. He eventually comes out and they talk to each other. They declare their love for each other and arrange to meet the next day when Romeo has promised to marry Juliet.

Macbeth-Banquet Scene- In this scene, Macbeth and Lady Macbeth host a banquet for the Scottish thanes. A murderer tells Macbeth that he has been successful in killing Banquo, but that Fleance escaped. During the banquet, Macbeth sees the ghost of Banquo sitting at his place at the table. He is horrified.

Julius Caesar - Murder Scene- In this scene Caesar refuses to read Artemidorus' warning. Cassius has a moment of panic and fear the plot has been discovered but Brutus reassures him. The conspirators surround Caesar, pretending to kneel in appeal, and Caesar is stabbed to death by all the conspirators.

UNIT III: SPEECHES OF FAMOUS PERSONALITIES

LECTURE HOURS: 12

Tryst with Destiny- Jawaharlal Nehru- This speech was delivered on the midnight of 14th August 1947 to the Indian Constituent Assembly in the Parliament. Tryst with Destiny focuses on restoring the glory of India and rebuilding after the destruction caused by British rule. The speech's central aspect was addressing ignorance, poverty and health.

Yes, We Can-Barack Obama- "Yes, we can" is a popular repetition in President Obama's speeches. This phrase shows his political power and strong authority to address the weakened era of the US to inspire and motivate citizens towards progress and prosperity.

You've Got to Find What You Love-Steve Jobs- Jobs considered work as his first love always and here's what he said in his speech, "You've got to find what you love. And that is as true for your work as it is for your lovers. Your work is going to fill a large part of your life, and the only way to be truly satisfied is to do what you believe is great work."

UNIT IV: LANGUAGE COMPETENCY

LECTURE HOURS: 12

Writing letters and emails- Different types of letters- Informal letter- Formal letter- E-mail writing introduction- Things to remember while writing an E-mail- Writing an effective E-mail.

Writing and messaging in social media platform- Writing methods for each social media platform- Instagram- Twitter- Facebook- LinkedIn

Learning netiquette, email etiquette- Introduction to netiquette- Rules of netiquette- Introduction to E-mail etiquette- Importance of E-mail etiquette- Rules for E-mail etiquette.

UNIT V: ENGLISH FOR WORKPLACE

LECTURE HOURS: 12

Data Interpretation and Reporting- Introduction to data interpretation- Steps involved in interpretation- Precautions in interpretation- Meaning of research report- purpose or functions of research reports- Characteristics of a good research report- Writing style of report.

Data Presentation and analysis- Introduction to data presentation- Types of data presentation- Steps involved in presenting data- Data analysis process

Meeting Etiquettes–Introduction to meeting etiquette-Importance of meeting etiquette-Rules for proper meeting etiquette

Online Meetings-Terms and expressions used

Conducting and participating in a meeting- Introduction- Rules for conducting effective meeting- Disciplines for participating in a meeting.

Text Books :

T1. Natarajan K. *Enlightening English Prose*. New Century Book House, 2011. T2. Rathnasabapathi K. *Developing Language Skills through Literature-I*. Sunitha Printers, 2016. T3. Robb, Cuthbert W. *Representative Anthology: English Essays*. Blacky Books, 2011.

Reference Books:

R1. Mohan, Krishna and Banerjee, Meena. *Developing Communication Skills*. Macmillan India, 1990.

CourseTitle: OBJECTORIENTEDANALYSISAND DESIGN USING JAVA (T)	CourseCode: 33A
Semester: III	CourseGroup: DSC-V
TeachingSchemeinHrs(L:T:P): 4:0:0	Credits: 4
MapCode: E(THEORY PROGRAMMING)	TotalContactHours: 60
CIA: 25Marks	SEE #: 75Marks
Programme: B.COM-CA	#-SemesterEndExam

405

No	CourseOutcome(COs):AfterCompletionofthis course, the students will be able to	PSOs	Cl. SEs	CL
CO1	Illustratetheimportanceandbasicconceptsofobject oriented modeling.	PSO1	12	AP
CO2	ApplytheperformbasicsofObjectOriented Programming analysis.	PSO2	12	AP
CO3	ImplementthemainconceptsofOOPstodevelopthe ability in challenging problem.	PSO2	12	AP
CO4	Demonstrateanddesigntheusecasedriven requirement s for a particular system.	PSO4	12	A
CO5	Analyzeandsolvethetheproblemvariousdomains and Learn the design principles.	PSO4	12	A

UNIT I

LECTURE HOURS:12

IntroductiontoObjectOrientedDesignandDevelopment:Introduction-WhatisObject-Oriented Development? - Key Concepts of Object-Oriented Design - Other Related Concepts - Modular Design and Encapsulation - Cohesion and Coupling - Modifiability and Testability - Benefits and Drawbacks of the Paradigm – History of OOAD.

UNIT II

LECTURE HOURS :12

Basics of Object-Oriented Programming : The Basics – Implementing Classes – Constructors – Features of Constructors – Example for GET and PUT methods - Printing an Object- Static Members - Programming with Multiple Classes .

UNIT III

LECTURE HOURS:12

Relationships Between Classes :Association - Characteristics of Associations - Inheritance - An Example of a Hierarchy - Inheriting from an Interface - Polymorphism and Dynamic Binding – Protected Fields and Methods - The Object Class.

UNIT IV

LECTURE HOURS :12

Analysing a System : Overview of the Analysis Phase – Develop the process into an activities - -
Gathering the Requirements - Categories of the requirements - Case study Introduction -
Functional requirements specification - Use case Analysis - Defining Conceptual Classes and
Relationships –Using the Knowledge of the Domain.

UNIT V

LECTURE HOURS: 12

Design and Implementation : Design - Major Subsystems - Creating the Software Classes-
Assigning Responsibilities to the Classes - Class Diagrams -Implementing Our Design -Setting up
the interface.

TEXTBOOK:

“Object-Oriented Analysis, Design and Implementation - An Integrated Approach “Second
Edition.- Brahma Dathan , Sarnath Ramnath .

REFERENCE BOOK:

“Head First Object-Oriented Analysis and Design “First Edition - Brett D. McLaughlin
, Gary Pollice, David West

CourseTitle: OBJECTORIENTEDANALYSISAND DESIGN USING JAVA(P)	CourseCode: 33P
Semester: II	CourseGroup: DSC-V
TeachingSchemeinHrs (L:T:P): 0:0:4	Credits: 2Credits
MapCode: G(PRACTICALPROGRAMMING)	TotalContactHours: 60
CIA: 40Marks	SEE #: 60Marks
Programme: B.COM (CA)	#-SemesterEnd Exam

UNIT I

PRACTICAL HOURS: 60

1. Apply the object-oriented model support the notion of ADTs and encapsulation.
2. Create an application that you are familiar with, such as a university system.
3. Write a Java class called LongInteger() as per the following specifications.
4. Write a Java class called public LongInteger(): Sets the integer to 0.
5. Write a Java class called public LongInteger(int number) Sets the integer to the value given in the parameter.
6. Let us consider the Course class. A course exists in the school catalog, with a name, course id, brief description and number of credits.
7. Create a class product with two attributes and calculate the price of a product.
8. Evaluate the output of printing statement for railway reservations system program.
9. Develop a Managing university registrations system.
10. Creating an airline reservation and staff scheduling database.
11. Consider a situation where a library wants to add a feature that enables the librarian to print out a list of all the books that have been checked out at a given point in time. Construct a sequence diagram for this use case.
12. Demonstrate the retrieve method reads the disk copy in Library object and returns the copy in memory.

TEXTBOOK:

“Object-Oriented Analysis, Design and Implementation - An Integrated Approach” Second Edition. - Brahma Dathan, Sarnath Ramnath.

REFERENCE BOOK :

“Head First Object-Oriented Analysis and Design” First Edition - Brett D. McLaughlin, Gary Pollice, David West.

Course Title: BUSINESS MATHEMATICS AND STATISTICAL TECHNIQUES	Course Code: 33B
Semester: III	Course Group: DSC-VI
Teaching Scheme in Hrs (L:T:P): 5:1:0	Credits : 6 Credits
Map Code: F	Total Contact Hours: 90
CIA: 25 Marks	SEE : 75 Marks
Programme: BComCA	#-Semester End Exam

No	Course Outcome (Cos): After completion of this course, the students will be able to	PSOs	Cl. Ses	CL
CO1	Discuss the sets Theory and Venn diagrams and Compute the A.P and G.P.	PSO1	18	A
CO2	Understand the basic concept of different effective rate of interest and solve the problems in Mathematics For Finance.	PSO1	18	A
CO3	Discuss about the Matrices, operations and solve the Simultaneous Linear equations.	PSO2	18	A
CO4	Compute the measures of Averages and Dispersion in Statistics.	PSO2	18	A
CO5	Draw the diagrams for the collection of data and solve the correlation and Regression Problems	PSO4	18	A

UNIT I

LECTURE HOURS: 18

Set Theory: Basic concepts (Definitions) – Types of Sets (Explanations of various sets) – Venn diagrams (Related problems) - Laws of sets (Laws and properties) – Cartesian product (Definitions and problems).

Progression: Arithmetic progression (Definitions and problems) – Sum of series in A.P (Related problems) – Geometric progression (Definitions and problems) – Sum of series in G.P. (Related problems).

UNIT-II

LECTURE HOURS: 18

Mathematics for Finance: Simple Interest (Definitions and problems) – Compound Interest (Definitions and problems) – Discount on bills (Definitions and problems) – Profit and Loss (Definitions and problems) – Annuities (Definitions and problems) – Pay Roll, Wages (Definitions and problems).

UNIT-III

LECTURE HOURS: 18

Matrix Algebra: Introduction (Basic concepts) – Definition (Explanations) – Types of matrices (Definitions) – Matrix operation (Related problems) – Addition (Related problems) – Subtraction (Related problems) – Multiplication (Related problems) – Scalar multiplication (Related problems)

– Transpose of a matrix (Related problems) – Inverse of a matrix (Related problems) – Simultaneous Linear equations (Related problems).

UNIT-IV

LECTURE HOURS: 18

Measures of Averages and Dispersion: Arithmetic mean (Related problems) - Median (Related problems) - Mode (Related problems) - Geometric Mean and Harmonic Mean (Related problems) - Standard deviation (Related problems) - Quartile deviation (Related problems) - Mean deviation (Related problems).

UNIT-V

LECTURE HOURS: 18

Diagrammatic Representation - Classification and Tabulation - Quantitative Classification, Geographical Classification (Explanations) – Tabulation (Related problems) – Percentage Bar Diagram (Related problems) – Pie-Diagram (Related problems) – frequency curve (Related problems) – frequency polygon (Related problems).

Correlation: Correlation (Basic Definitions) - Types of correlation (Explanations) - Scatter diagram (Diagrams) – Rank correlation (Related problems) - Coefficient of correlation (Related problems).

TEXTBOOK:

T1: Business Mathematics and Statistics by Dr. P.R. Vittal, Margham Publications, Chennai, 2013 edition

REFERENCE BOOK:

R1: Business Mathematics and Statistics by P.A. Navnitham, Jai Publishers, Trichy, 2006

CourseTitle: Elective-IHTML5 &CSS3	CourseCode : 33E
Semester: III	CourseGroup : DSE -I
TeachingSchemein Hrs(L:T:P): 4:0:0	Credits : 4 Credits
MapCode: E(THEORY-PROGRAMMING)	TotalContact Hours: 60
CIA : 25 Marks	SEE : 75 Marks
Programme: (B.COMCA)	#SemesterExam

No.	CourseOutcome	PSOs	Cl. Ses	CL
CO1	IllustratethebasicconceptsofWEBand HTML structure	PSO3	12	Ap
CO2	ApplyFormattingtheelementsinweb pages	PSO3	12	Ap
CO3	Implement thestyleto thelistand links	PSO3	12	Ap
CO4	DemonstrateStaticWebpagewithImages and tables	PSO3	12	Ap
CO5	Applytheconceptsoflayoutswithform controls	PSO3	12	Ap

UNITI

LECTUREHOURS:12

Introduction to web development: How web applications work (The components of a web application, How static web pages are processed, How dynamic web pages are processed, A survey of web browsers and server-side scripting languages, How client-Side JavaScript fits into web development)-AnintroductiontoHTMLandCSS(TheHTMLforawebpage,TheCSSforaweb page, A short history of the HTML and CSS standards) - Tools for web development (Text editors forHTMLandCSS,IDEsforwebdevelopment,FTPprogramsforuploadingfilestotheweb server) - How to view deployed web pages (How to view a web page, How to view the source code for a webpage)-Fivecriticalwebdevelopmentissues(Usersandusability,Cross-browsercompatibility, User accessibility, Search engine optimization, Responsive Web Design) .

How to code, test, and validate a web page: The HTML syntax (The basic structure of an HTML document , How to code elements and tags, How to code attributes, How to code comments and whitespace)-TheCSSsyntax(HowtocodeCSSrulesetsandcomments,Howtocodebasicselectors) - How to use Aptana to work with HTML and CSS filesHow to create a project (How to open an HTML file, How to start a new HTML file, How to edit an HTML file, How to open or start a CSS file,HowtoeditaCSSfile,HowtopreviewandrundanHTMLfile)-Howtotest,debug,andvalidate HTML and CSS files(How to test and debug a web page, How to validate an HTML file, How to validate a CSS file).

How to use HTML to structure a web page: How to code the head section (How to code the title element,Howtolinktoafavicon,Howtoincludemetadata)-Howtocodetextelements(Howto

code headings and paragraphs, How to code special blocks of text, How to code inline elements for formatting and identifying text, How to code character entities, How to code the core attributes) How to structure the content of a page (How to use the primary HTML5 semantic elements, How to use some of the other HTML5 semantic elements, When and how to code div and span elements) - How to code links, lists, and images. (How to code absolute and relative URLs, How to code links, How to code lists, How to include images) - A structured webpage. (The page layout, The HTML file)

UNIT II

LECTURE HOURS :12

How to use CSS to format the elements of a web page: An introduction to CSS. (Three ways to provide CSS styles for a web page, Two ways to provide for browser compatibility) - How to specify measurements and colors (How to specify measurements, How to specify colors, How to use the CSS3 color specifications) - How to code selectors (How to code selectors for all elements, element types, ids, and classes, How to code relational selectors, How to code combinations of selectors, How to code attribute selectors, How to code pseudo-class and pseudo-element selectors) - How to work with Cascading Style Sheets (How the cascade rules work, How to use the developer tool to inspect the styles that have been applied) - How to work with text (How to set the font family and font size, How to set the other properties for styling fonts, How to set properties for formatting text, How to use CSS3 to add shadows to text, How to float an image so text flows around it) - A web page that uses external style sheets. (The page layout, The HTML file, The CSS file).

How to use the CSS box model for spacing, borders, and backgrounds: An introduction to the box model (How the box model works, A web page that illustrates the box model) - How to size and space elements (How to set the heights and widths, How to set margins, How to set padding) - A web page that illustrates sizing and spacing (The HTML for the web page, The CSS for the webpage, A version of the CSS that uses a reset selector) - How to set borders and backgrounds. (How to set borders, How to use CSS3 to add rounded corners and shadows to borders, How to set background colors and images, How to use CSS3 to set background gradients) - A web page that uses borders and backgrounds (The HTML for the web page, The CSS for the web page)

UNIT III

LECTURE HOURS:12

How to use CSS for page layout: How to float elements in 2- and 3-column layouts (How to float and clear elements, How to use floating in a 2-column, fixed-width layout, How to use floating in a 2-column, fluid layout, How to use floating in a 3-column, fixed-width layout) - Two web pages that use a 2-column, fixed-width layout (The home page, The HTML for the home page, The CSS for the home page, The speaker page, The HTML for the speaker page, The CSS for the speaker page) - How to use CSS3 to create text columns (The CSS3 properties for creating text columns, A 2-column web page with a 2-column article) - How to position elements (Four ways to position an element, How to use absolute positioning, How to Use fixed positioning, A table of contents that uses positioning).

How to work with lists and links: How to code lists (How to code unordered lists, How to code ordered lists, How to code nested lists, How to code description lists) - How to format lists (How to change the bullets for an unordered list, How to change the numbering system for an ordered

list,Howtochangethealignmentofflistitems)-Howtocodelinks(Howtolinktoanotherpage, Howtoformatlinks,Howtousealinktoopenanewbrowserwindowortab,Howtoreateand link to placeholders, How to link to a media file,How to create email, phone, and Skype links) - How to create navigation menus (How to create a vertical navigation menu, How to create a horizontal navigation menu, How to create a 2-tiernavigation menu, How to create a 3-tiernavigation menu, The CSS for a 3-tiernavigation menu).

UNITIV

LECTUREHOURS:12

Howtoworkwithimages: Basicskillsforworkingwithimages(TypesofimagesfortheWeb, How to include an image on a page, How to resize an image, How to align an image vertically, How to float an image) - Advanced skills for working with images (How to use the HTML5 figure and figcaption elements, How to work with thumbnails, How to do image rollovers, How to create image maps) - Related skills for working with images (When to use an image editor, How to get images and icons, How to create favicons).

How to work with tables:Basic HTML skills for coding tables (An introduction to tables, How to create a table, How to add a header and footer)- Basic CSS skills for formatting tables (HowtouseCSSpropertiestoformatatable,HowtousetheCSS3structuralpseudo-classesfor formatting tables) - Other skills for working with tables (How to use the HTML5 figure and figcaption elements with tables, How to merge cells in a column or row, How to provide for accessibility, How to nest tables, How to control wrapping).

UNITV

LECTUREHOURS:12

How to work with forms: How to use forms and controls(How to create form, How to use buttons, How to use text fields, How to use radio buttons and checkboxes, How to use dropdownlists,Howtouselistboxes,Howtousextextareas,Howtouselabels,Howtogroupcontrols with fieldset and legend elements, How to use a file upload control) - Other skills for working with forms (How to align controls, How to format controls, How to set the tab order and assign access keys) - How to use the HTML5 features for data validation (The HTML5 attributes and CSSselectorsfordatavalidation,Howtouseeregularexpressionsfordatavalidation,Howtouse adatalisttopresententryoptions) -Howto usetheHTML5 controls (Howtousetheemail,url, andtelcontrols,Howtousethenumberandrangecontrols,Howtousethedateandtimecontrols, Howtousethesearch controlforasearch function,Howto usethecolorcontrol,Howto usethe output element to display output data, How to use the progress and meter elements to display output data) - A web page that uses HTML5 data validation (The page layout, The HTML, The CSS).

How toadd audio and video toyour website: Anintroduction to media on the web (Common mediatypesforvideoandaudio,Videocodecs,Audiocodecs,Audioandvideosupportincurrent browsers, How to encode media)-How to add audio and video to a web page (How to use the object and param elements, How to use the embed element, How to use the HTML video and audio elements, How to fall back to Flash for backward compatibility)-A web page that offers both audio and video(The page layout, The HTML).

TEXT BOOK:

T1. Zak Ruvalcaba and Anne Boehm, Murach's HTML5 and CSS3, Murach Publications, 3rd Edition, 2016.

REFERENCE BOOK:

R1. "HTML5 and CSS3", Josh Hill James A. Brannan, Pearson Edition: 2011

R2. "Web Programming with HTML5, CSS and JavaScript", John Aurie Dean, Jones & Bartlett Learning, Edition: 2018

R3. "HTML, CSS and JavaScript for Complete Beginners", Ikram Hawramani, Amazon Digital Services, Edition: 2018

REFERENCE WEBSITES:

1. WWW.W3SCHOOLS.COM
2. WWW.TUTORIALSPPOINT.COM
3. WWW.JAVASCRIPT.COM

CourseTitle: Elective-IHTML5&CSS3	Course Code : 33E
Semester: III	Course Group : DSE – I
TeachingSchemeinHrs (L:T:P): 0:0:4	Credits : 2 Credits
MapCode : G(PRACTICAL-APPLICATION)	TotalContactHours: 60
CIA : 40 Marks	SEE : 60 Marks
Programme: B.COM(CA)	#-SemesterEnd Exam

Programlist

Selectanyoneoftheproject,createawebpageusingthefollowingthemes Project

1: Two columns with header and footer

Project2:Two,two-columnlayoutswithheaderandfooter

Project3:Three-columnhomepagewithtwo-columncontentpages

Theme 1: Social media awareness

Theme2:MobileHackingawareness

Theme 3: Mobile shop

Theme 4: Travel Agency

Theme 5: Departmental Store

Theme 6: College Website

Theme7:e-CommerceWebsite

Theme 8: Job Portal Website

Theme9:Eco-friendlyEnvironment

Theme 10: Health & Fitness

Theme11:Plastic Awareness

Theme12:Climatechangeawareness

Theme 13: Factory Outlet

Theme14:OrganicProductsawareness

Theme 15: Heritage Sites

TEXT BOOK:

T1.Zak Ruvalcaba and Anne Boehm, Murach's HTML5 and CSS3, Murach Publications,3rd Edition, 2016.

REFERENCEBOOK:

R1.“HTML5andCSS3”,JoshHillJamesA.Brannan,Pearson Edition:2011

R2.“WebProgrammingwithHTML5,CSSandJavaScript”,JohnAurieDean,Jones& Bartlett Learning, Edition: 2018

R3.”HTML,CSSandJavaScriptforCompleteBeginners”, Ikram Hawramani,Amazon Digital Services, Edition: 2018

REFERENCEWEBSITES:

1. WWW.W3SCHOOLS.COM
2. WWW.TUTORIALSPPOINT.COM
3. WWW.JAVASCRIPT.COM

CourseTitle : SOFTSKILLS -III	CourseCode:-34C
Semester III	CourseGroup:NMS-III
TeachingSchemeinHrs(L:T:P): 2:0:0	Credits: Grade
MapCode : B(LanguageUsage)	TotalContact Hours: 30
CIA : 50 Marks	SEE #: -
Programme: AllIUGProgrammes	#-SemesterEndExam

No.	Aftercompletionofthiscourse,thestudents will be able to	POs	Cl. Ses	CL
CO1	Present themselves in a professional, polished mannershowingconfidenceandattentiontodetail thereby creating a lasting impression on the interviewer	PO2	6	AP
CO2	UsecorrecttenseformswhilespeakinginEnglish	PO2	6	U
CO3	ParticipateinJustAMinuteactivity confidently	PO2	6	AP
CO4	FramesentencesinthecorrectformatAND Participate in discussions.	PO2	6	AP
CO5	Present a prepared speech about domain specific companies, which helps them to understand all about their core companies.	PO2	6	AP

UnitI

LECTUREHOURS:6

Self Introduction: All the students are to be evaluated and categorized Red {(< 40), Amber (40 < 60) and Green (60 < 100)} based on performance. **GroomingEtiquettes:** Understanding the importance of grooming and etiquettes in work place, How to groom for a job interview, developing outer and inner personality, learning professional etiquettes. **Body Language:** Importance of body language in communication and in job interview, how to develop a positive body language, do's and don'ts of body language during GD and Job Interview, practicing constructive body language.

UnitII

LECTUREHOURS:6

JAM (Just a Minute) and Prepared Speech: Rules of JAM (How to prepare and perform in JAM?) – Practice with Famous Personalities (Social activist/sportsperson/Entrepreneur), Road Safety, Narrate your day, IPL / Favourite games and Yummy Tummy (College Canteen).

UnitIII

LECTUREHOURS:6

Conversation: Concept and Preparation – Practice and Feedback – Presentation on given topics like At a car showroom, At a hotel, At the interview, At a business meeting.

UnitIV

LECTUREHOURS:6

Group Discussion: Rules to be followed and Demo - How to participate in a group discussion, Do's and Don'ts of a Group Discussion, Practice sessions on Is nuclear family good for the society? Advantages and disadvantages of fast food, Is social media really a boon? Technologies in Indian Cinema, Is government job better than private job? – Correction, Evaluation and Feedback.

UnitV

LECTUREHOURS:6

CompanyProfilePresentation: ConceptandDemo–Practiceandassignmentsondomain specific companies.

TextBook

- PersonalityDevelopment&SoftSkills|Edition:2|OxfordUniversityPress|BarunKMitra (2016).
- BanuRamalakshmiSofiaandPadmapriya,APeepintoTechnicalCommunication,Sri Krishna Hitech Publishing Company, 2014
- PriyadarshiPatnaik,GroupDiscussionandInterviewSkills,Foundationbooks,2012.
- PersonalityDevelopment&SoftSkills|Edition:2|OxfordUniversityPress|BarunKMitra (2016)

AssessmentPattern:

InternalAssessment:Oralpresentation,Assignment,ModelExam

Course Title: TAMILIV(T)	Course Code : 41T
Semester: IV	Course Group : MIL-IV
Teaching Scheme in Hrs (L:T:P): 4:0:0	Credits : 3
Map Code: A (Language-Concepts)	Total Contact Hours: 60
CIA: 25 Marks	SEE# : 75 Marks
Programme: ALL UG PROGRAMMES	Semester End Exam

No.	Course Outcomes (Cos): After completion of this course, the students will be able to	POs	CL. Ses	CL
CO1	சங்கஇலக்கியத்தில் காணப்படும் மொழியியல் சிந்தனைகளை அறிந்துபகாள்ரேர்	PO7	15	U
CO2	தமிழின்பதாண்மளயும்பசம்பமாழித்தகுதியளயும்அறிந்துபகாள்ராதல்	PO2	12	R
CO3	நாடகஇலக்கியம்மூலம்நடிப்பாற்றளயும், களலத்தன்மளயும்,பளடப்பாற்றளயும்ேர்த்தல்	PO8	13	AP
CO4	தமிழிலிருந்துஅலுேலகக்கடிதங்களைபமாழிப்பயர்க்கும்அறிளேப்பபறுேர்	PO2	10	AP
CO5	பமாழியறிவோடுஇலக்கியேரலாற்றளகற்பதன்மூலம்வபாட்டித்வதர்வுகளைஎதிர்பகாள்ராதல்மற்றும்வேளலோய்ப்பிளைப்பபறுதல்	PO1	10	R

அலகு I-எட்டுத்தாதக

பாடவேதைகள்-15

- நற்றிதண-வதாழிகூற்று-(உடன்வபாக்குக்குவதாழித்தலேதயஅகப்படுத்தியது-வசாழர்கள்மிகுந்ததேற்றிஉதடயேர்கள்-தகாங்கதரஅகப்படுத்தியேர்கள்-பதறயன்ேரலாறு-அதுவபாலத்தலேநல்லதைமஉதடயேள்ேரலாற்றுப்பாடல்.)
- பாதல-மாமுலனார்-(இயற்பதடந்தவதாழிக்குத்தலேஇயற்படதமாழிந்தது-ததலேன்றிகழ்தேப்கூறுதல்-வதாழிகிறுமதலபாம்பின்ேதகப்பட்டது-யாதன-தபண்யாதனபிடியதுஅந்தலை-மதழதயங்கும்பரேயதுஅது-வபால்ததலேயின் காதலும்ஊதரல்லாம்ததரிந்தது.)
- பாதல- ததலேன் கூற்று - சிதறக்குடி ஆந்ததயார் - (யார் ததலேன் தன் தநஞ்சுக்கு உணர்த்தியது - தபாருதைத் வதடிச் தசன்றால் காதல் இருக்காது - காதல நாடினால் தபாருள் வதட முடியாது - என் தநஞ்சவம ததலேதய பிரிேதல் - இருந்தால் உன்தன நான் பிரியவேண்டும்தபாருள்புணர்வுபிரிவுஎன்றமூன்றுதசாற்களும்உலகம்தமுேயது) குறுந்ததாதக
- பாதல-வதாழிகூற்று-பாதலபாடிதபருங்கடுங்வகா-(ஆறதலக்கள்ேரின்அம்பு-ஆண்பல்லிதபண்பல்லியின்துதணவதடுதல்-ததலேன்ேருோர்-நம்பிக்கத்ததலேக்குஉண்டு.)
- குறிஞ்சி-ததலேன்கூற்று-வபதரயின்முருேோர்-(வதாழிகுதறமாறாமல்கூறியது காமம்மீதியுற்றால்பதனமடலால்குதிதரயிதனதகாண்டுஆடேர்அதன்வமல்தசல்ேர்-

எருக்கம் பூ மாதல அதடயாமைமாகக் தகாள்ரேர் - ஜீயியில் பரத்ததம கண்டு
ஆதிக்கப்படுரேர்-அதுதேரபாய்தற்குரியதசயலாகும்.

3. மருதம்-ததலேன்கூற்று-பரணர்(மதழயில்அரைமலர்கள்மனம்பரப்பல்-ததலே நமக்கு
எத்ததகய - உறவு உதடயேள்.எவ்ேி என்ற மன்னதன இழத்தல் - னேறுதமயுதடய
யாழ்ப்பாணர்.;அதுவபாலதபாலிேழத்தல்.

4. குறிஞ்சி - ததலேன் கூற்று - கபிலர் (ததலதமகள் வதாழிக்குச் தசால்லியது ததலேன்
என்தன கனேில் மணந்து தகாண்டான் அதற்கு சாட்சி ஒருேரும் இல்தல திதணயின்
அடிதயப் வபான்ற சிறிய நாதரயானது மீனின் ரேதே எதிர்பார்ப்பது வபால எங்கதை
கண்டதுஅதுவேசாட்சி)

5. குறிஞ்சி-ததலேன்கூற்று-அவ்தேயார்-(தநஞ்சிதனவநாக்கிகூறியதுநல்ல
உதரகதைஉதடத்துபயனற்றமுதறகஸ்தபற்றுமதழநீதரஎதிர்தகாள்ளும்பசமதன வபால
என் உள்ைத்தில் ஆதச தேல்லும் நீந்துகின்றது உயர்ந்த மரக்கிதையில்
தபண்குரங்குக்குட்டிகதைதமுேதுவபாலஎன்கருத்துநிதறவேறும்தபற்றால்ேதரவுளைதாசு
ம்.)

6. குறிஞ்சி - ததலேன் கூற்று - கபிலர் (ததலமகள் தனது ஆற்றாதம வதான்ற வதாழிக்கு
கூறியது. மயில் பாததயில் என்ற முட்தடய குரங்கு குட்டிகள் உருட்டி
ேிதையாடும்அத்ததயின் நாட்டுக்கு ததலேன் தமதீர்த்தப்பட்ட என் கண்ணின் தபரும்
நீவராடு என்தன பிரிந்தால்ேஅன்ேரவுஎண்ணிகாத்திருக்கிவறன்.)

1. கலித்ததாதக - பாதலக்கலி- (மணந்து தகாள்ை னேருோன் வதாழி ேரேமழிந்து
கூடியது சிேதபருமான் உமயதமயுடன் தகதலயில் ேற்றிருத்தல் ராேணன்
அம்மதலதய இழுத்தல் அது வபான்று வேங்கதக மரத்தத குத்தி என்பது யாதன நாட்தட
உதடயேன் ததலேன் நீர் இல்லாத நிலத்தில் பயிர் வபால் என் அன்பு இல்லாத தபாலிேட்டு
இருக்கிறாள் மதழ தபற்ற

காலத்தில்பயிர்ேிதைேதுவபாலேஇளும்உன்தனநாடிேருோர்தகயில்தபாருள்
இல்லாதேங்கதைதமவபால்நீநண்பன்கிட்டதபறாததுஅறதநறிதபாருந்தாதவேண்
முதுதம அதடகிறான் உன் அருள் தபறாமல் ேஇள் தபாலி ேருகிறாள் மதலச்சாரலில்
உண்டானேழியில்ேருகிறாய்என்ேருத்தத்ததநான்ததலேனுக்குகூறிவனன்.)

2. குறிஞ்சிக்கலி - கபிலர் - (நதகக்கூட்டம் தசய்தான் கள்ேன் மகன் ததலேன் வதாழிக்கு
கூறியது ளையுதடய ேதையதல அணிந்த வதாழிதய வகட்பாயாக ததருேில் மணலால்
தசய்தேட்தடதன்காலால்கதலத்துமலர்மாதலஅறுத்தும்பந்துஎடுத்துக்ககாண்டு
ஓடியும்இததேிதையாட்டுகதைதசய்பேன்கட்டுக்கடங்காதேன்முன்னாள்நாள்என்
ேட்டிற்கு ேந்தேன் நீருண ேிரும்பினால் தபா தபான்னாண்ான கைத்தில் நீதர
தகாடுத்வதன்

அேன்என்ேதையல்அணிந்துஉன்தகதயபற்றிநான்உரக்கசத்தமிடஎன்தாய்ஓடி
ேந்தால்ேஇன்தண்ணர் ேிக்கல்எடுக்கேருந்தினான்என்வறன்அப்வபாதுகள்ேன்மகன்
தன்கதலக்கண்ணால்என்தனவநாக்கிநான்புன்ேருண்ால்என்உள்ைத்தில்புருந்தான்.)

1. அகநானூறு - பாதல மாமூலனார் - (நகர்வபாக்கியத்தாய் தசால்லியது வதாதலயும் அதண
மாதனயான் ேருந்தும்படி என்தன தகேட்டு தசன்றால் நன்னன் என்ற குளுநில மன்னனின்

ததலநகரம்பாலிநகரம்வபான்றகாேல்நிதலயம்தந்துதணீதனத்தால்மகள்
தசன்றால்மரத்தின்புதியபூக்கதைஉதடயஒன்றறபூக்கதைவபாலஎன்மகளும்
தசன்றால்அள்தசன்றநிதிகரடிகள்கூட்டம்பறந்துதசல்லும்இயல்புதடயதுநான்

தமய்தம வபசியதால் வகாசலின் திறந்த முக்கியத்து இன்னும் கண்கதை உதடயேளும் வதாதசயுதடயஇனமானமயிர்கள்மிக்கவசாழர்கள்உதடயதுண்நாட்டவபான்றுபுதிய ேதரபிறக்கும்பண்புஇல்லாததாகஇருக்கின்றவறன்).

2. பாதல - மதுதர அழகர் ஞாழர் மகனார் மள்ளைனார் - (தநஞ்சே ேிதனதேயின் வபாகும் ோ தபாருண்ால் உண்டாகும் நன்தம எடுத்துக் வகாரி ததலயில் ேட்டில் இருக்கிறாள் ேதை தபரிய இயலாது இவ்வபாது இதடதேயிளில் ேந்த பின்பு ததலேனும் தசல்லஎண்ணுகின்றாய் அன்வற பிரியாத இருப்பின் நன்று இவ்வேவு ததாதலேில் ேந்து நாம் வமற்தகாள்தைசயதலேிக்குோயானால்பிறரால்எண்ணிந்தகயாடுவோம்).

3. பாதல - மாமுலனார் - (ததலமுகர் கிறங்கிய தாய் ததருட்டும் அயலிலாட்டிக்கு உதரத்தது. கதிரால்தேப்பம்உண்டாகிபாதலநிலமானேரண்டுஇருக்கின்றதுபறதேகள் ேருத்தப்பிற்கு காரணமாகிறது தேப்பம் அடியில் ேருத்துகின்றது காட்டில் ேழி ஆண் யாதன வபான்ற ததலேர்கள் என் மகள் தசன்றாள் யார் மகதைப் பிரிந்து இருந்து உலகில் ஓதும் துருத்தியவ்வபாலஇருக்கின்றவறன்ஐபரந்தியபதடஉதடயேன்கரிகாலன்ஐன் எண்ணிப் வபார்க்கைத்தில் புறப்பண்ணிற்கு தபரிதும் ஞானமதடந்தான் தசயலாைர் தான் வதால்ேி அதடந்த வபார்க்கைத்தில் ேடக்கு வநாக்கி உயிர்த்ததமுந்தான் அதுவபால என் உயிருடன்மாறுபட்டநான்இங்கனம்ேருந்துகிவறன்).

1. புறநானூறு-மாவறாக்கத்துநப்பசதலயார்-(புறாேின்துன்பத்தவபாக்கியபதட ேிரும்பியசினேிவசாழன்மதறேில்ேந்தேவன-ஐந்துததலஉதடயசின்னம்தகாண்ட பாம்புபுருந்ததுவபால்ோனமானதீயவதாற்றுேித்தது- பசுதமயானகுடிகதைஉதடயமதலப்பக்கத்தில்இடிஇடிப்பதுவபாலமிகுந்த- அகலிதயயும்நீர்தேக்கமடுதேயும்

தகாண்டபதழயஊரில்யாதனயுதடயஅரசுஉள்தால்ஐற்தறநல்லதேஎன்றுபாராது -வபாரில்அழிக்ககூடியேல்லதமதபற்றேவன).

2. புறநானூறு - திதன ோதக - காேல்தபண்டு -(தசேலித்தாய் ேயிற்றில் தூதண பற்றி தகாண்டு என் மகன் எங்வக இருக்கிறாய் என்று ேினேல் - தபண் என் மகன் புலி வசார்ந்து வபாகியகற்கதைவ்வபாலஐன்வபார்க்கைத்தில்வதான்றுோன்-ஐதனக்காண ேிரும்பினால்அங்குதசன்றுகாண்பாயாகஎனதாய்உதரக்கின்றாள்)

3. புறநானூறு-வேள்பாரி-கபிலர்(தபாதுேியல்துதறமுவேந்தரும்இந்நாட்டடமுமுநிலா நாண்ில் முற்றியுள்ளனர். - என் தந்ததயுடன் யாம் இருநவதாம் - இத்திங்ககில் இம்மதலதயக் தகாள்வுமில்லதல-என்தந்ததயஇழநவதாம்-பாரிமகைன்ேருந்திப்பாடுதல்).

அலகுII-பத்துப்பாட்டு

பாடவேதைகள்-12

தநடுநல்ோதட நக்கீரர்-பாண்டியன் தநடுஞ்சழியன் -(வகாேலர் ோதடயால் துன்புறுதல்- கூதிர்காலநிதல-மாக்கள்ததருக்ககில்சுற்றுதல்-மாதலக்காலம்-தபண்கள்

ததயேத்ததேணங்குதல்-வகாபுரோயில்முற்றமும்முன்ோயிலும்-அரண்மதனயில்

எழும்ஓதசுகள்-அந்தப்புரத்தின்அதமப்புேட்டக்கட்டில்-அரசிபடுக்தகயில்ேற்றிருத்தல்

-தசேயலியர்ததலேிதயத்வதற்றுதல்-ததலேயின்ேருத்தம்மிகுதி-பாசதறயில்அரசன் நிதல).

அலகுIII-நாடகம்

பாடவேதைகள்-13

1:இரண்டாேதுதபருேிரல்-ஆதிராமன்-(காட்டில்வேடர்கள்-துவராணரும்தருமரும்

உதரயாடல்-அர்ச்சுனன்பீமன்உதரயாடல்-ஏகதலேன்-துரியன்-துவராணர்உதரயாடல்
- றீலீலீத்ததயில் ஏகதலேன் - வேடர் குலம் - வேடர்களும் ஏகதலேனும் - வபார்க்கைம் -
துவராணரும் துரியனும் உதரயாடல் - கண்ணனும் அர்ச்சுனனும் உதரயாடல் -
ஏகதலேன்தேற்றி).

2. புரட்சிக்கே - மு. இராமசாமி - (இதசக்குழு ேருதக - ஓயிலாட்டக்குழு ேருதக -
கனகசுப்புரத்தினம் - கேதத - புரட்சிக்கே - பாரதிதாசன் பாடல் - உதாரன் ேருதக - அரசன்
கதலதஞர்கதை சிறப்புச்சய்தல் - தைபதியின் வபச்சு - அரசர் மகள் அமுதேள்ஓி - உதாரன்
அமுதேள்ஓிக்கு தமிழ் கற்றுக்காடுத்தல் - உதாரன் தபரிவயார்களுடன் உதரயாடல் - மக்கள்
உதாரதனஏற்றுக்காள்ஓல்-உதாரன்அமுதேள்ஓிகாதல்-அரசன்கூழ்ச்சி-மக்கள்புரட்சி
-அதனேரும்சமம்).

3. தரெளத்திரம்பழகு-மு.இராமசாமி-(பாரதிசுடும்பஉதரயாடல்-தீநாடகஓத்திக-
மருத்துஃருதக- தபண்பார்க்கும்படலம்-பாரதியின்வதாழிகள்-காசிராஜன்மகள்-
சுயம்ஃரம்ஃசித்திரஃயன்-அம்பா-சால்ஃா-தரெளத்திரம்பழகுதல்)

அலகு IV-இலக்கியரலாறு

பாடவேதைகள்-10

- 1.சங்கஇலக்கியங்கள்-(எட்டுத்ததாதகநூலகள்-நற்றிதண-குறுந்ததாதக- ஐங்குநூறுறு-
பதிற்றுப்பத்து-பரிபாடல்-கலித்ததாதக-அகநானூறு-புறநானூறு ஆகியதேபற்றியகுறிப்புகள்.)
- 2.சங்கஇலக்கியங்கள்-(பத்துப்பாட்டு-ஆற்றுப்பதநூல்கள்-தநடுநல்ஃாத-
குறிஞ்சிப்பாட்டு-முல்தலப்பாட்டு-மதலபடுகடாம்ஆகியதேகுறித்ததசய்திகள்.)
3. நாடகத்தின் வதாற்றமும் ஃர்ச்சியும் - (நாடக இலக்கியம் - நாடக தேககள் - துப்பறியும்
நாடகம் - சமுக நாடகம் - பக்தி நாடகம் - தமிழில் வதான்றி நாடகங்கள் - பம்மல் சம்பந்த
முதலியார்-சங்கரதாஸ்ஃாமிகள்-டிவகஎஸ்சவகாரர்கள்-அண்ணாத்துதர-கதலஞர்
முதல்இன்தறநாடகஆசிரியர்கள்தேரகுறிப்புகள்.)

அலகு V- தமாழித்திறன்

பாடவேதைகள்-10

1. தமாழிதபயர்ப்பு மற்றும் கதலச்தசாற்கதை
அறிமுகப்படுத்துதல்-(ஆங்கிலத்ததமிழில்தமாழிதபயர்த்தல்-அலுஃலகக்கடிதம்-
தமிழில்தமாழிதபயர்த்தல்(சான்றுஅரசசார்கடிதங்கள்நிறுஃனம்சார்கடிதங்கள்)
பார்தேநூல்கள் :

- 1.தமிழிலக்கியேரலாறு-மு.ஃரதராசன்
- 2.தேகதமயியல்வநாக்கில்தமிழிலக்கியேரலாறு-முதனேர்பாக்கியவமரிஷ
- 3.சங்கஇலக்கியத்ததாகுப்புஅ.மாணிக்கம்ஃர்த்தமானன்பதிப்பகம்
- 4.தமிழ்நாடகஇலக்கியம்-ப.பாலசுப்பிரமணியம்
- 5.தமாழிதபயர்ப்பியல்-தி.சு.நடராசன்

CourseTitle: HINDI-IV (T)	CourseCode: 24H
Semester: IV	CourseGroup: MIL-IV
TeachingSchemeinHrs(L:T:P): 4:0:0	Credits:3
MapCode: A(Language-Concepts)	TotalContactHours: 60
CIA: 25Marks	SEE #: 75 Marks
Programme: ALLIYEARUGPROGRAMMES	SemesterEndExam

No	CourseOutcome(Cos):Aftercompletionofthiscourse, the students will be able to achieve the following outcomes.	POs	Class Session	CL
CO1	Describe& gettingknowledgeofcomputertermsin Hindi	PO3	12	U
CO2	CategorizethedifferencebetweenDevanagariScriptand Unicode and its application	PO1	12	AP
CO3	Providingofdifferentoperations&itsusageofHindiin different govt. offices	PO8	12	R
CO4	Detect&Knowabout E-Patrikas	PO3	12	AN
CO5	Getting&applytheknowledgeofCompetitiveexams through online	PO1	12	AP

UNIT I

LECTURE HOURS:12

Computer aur Hindi:(computer me hindika gyankaisebadana,ComputerkaParchayaurVikas, Computer mein Hindi keVividh Font jaise ki kruti dev, mangal ariel aadi ka gyanbadana,)

UNIT II

LECTURE HOURS:12

ProudyogikiaurHindi:(Unicode,DewanagariLipi,HindikiVibhinnaWebsite–EkParichay, Wikipedia kepratigyanbadana)

UNIT III

LECTURE HOURS:12

Computer kemadhyam se Hindi:(shikshanaur E-Learning, Vibhinna E-Learning Sansadhan, Sarkari aur gairsarkarisansthanonmeinprayukt Hindi Bhasha

ComputerkemadhyamseHindishikshanaurE-Learning

Sarkariaurgairsarkarisansthaomeinprayukt Hindi

UNITIV

LECTUREHOURS:12

Vividh Paksh, Internet par Hindi:(patra-patrikaye, Hindi SMS, Hindi Tankan, Hindi ke Vibhinna Key-board, hindikevibhinn app ko ka parichaydena, khud)

UNITV

LECTUREHOURS:12

Pratiyogipriksha par aadharit:(Computer sambandhitprashik, Hindi mein Powerpoint banana Hindi mein Google Document taiyarkarna, Hindi mein Google form taiyarkarna, Vibhinna pratiyogipariksha ke bare mein suchna pradankarna)

Text & Reference Books

- Social Networking: Naye Samay ka Samvad – Ed. Sanjay Dwivedi
- Jansanchaar aur Maas Culture – Jagdeeshwar
- Media: Bhumandalikar aur Samaj – Ed. Sanjay Dwivedi
- Naye Jamaneki Patrakarita – Sourabh Shukla
- Patrakarita se Media tak – Manoj Kuma

CourseTitle:MALAYALAM– IV (T)	CourseCode:24M
Semester:IV	CourseGrou P:MIL -IV
TeachingSchemeinHrs(L:T:P):4:0:0	Credits:3 Credits
MapCode: A(LanguageConcept)	TotalContactHour: 60
CIA: 25 Marks	SEE : 75Marks
Programme :II YrALL UG PROGRAMMES	#-SemesterEndExam

No	CourseOutcome(Cos):Aftercompletionofthis course, the students will be able to achieve the following outcomes.	POs	Class Session	CL
CO1	Operate: Photoeditor, Web designer, Graphic designer, DTP, Operator Logo, Designer, Digitalillustrator,Pattern Maker, Stationary Designer etc	PO3	12	AP
CO2	Interpretthedifferentstylesofphotoshops	PO3	12	U
CO3	Applydifferentimagesandlayoutsforinvitation making	PO2	12	AP
CO4	Explainthestyleofcaptionwriting	PO4	12	U
CO5	Interpret the style of contemporary high-resolutiontechnologyforbrochuremaking	PO3	12	U

UNIT-I

LECTUREHOURS:12

DesktopPublishingandPrintinginMalayalam

(This unit introduces basic of the printing technology and Data entering, DTP editing and layout. Book publishing. Significance ISBN, and ISSN)

UNIT-II

LECTUREHOURS:12

DesktopPublishingandPrintinginMalayalam

(AboutthelimitofMSPaint-PresentationandsetupofuserinterfaceandhelpOpenandsave an image - Knowledge of available file types (JPG, TIFF, ICO,PNG,GIF...)-Setopened image as desktop wallpaper - Display options (zoom, miniature grid, etc.) -Define or resize the size of an image (nonfunctional transparency), Drawing tools overview, Colors selection with right click/left click in the palette, Copy/Paste from selection with or without transparency, insert an external image in a composition Working for different image and resolution and changing theresolution.Editing photographs from our ownalbums & images Scanning images, and how to assimilate color tones)

UNIT-III

LECTURE HOURS:12

Desktop Publishing and Printing in Malayalam

(Painting & editing tools Painting tools painting tool options, paintbrush tool, brushes palette, creating a new brush, undo, history brush tool, art history brush tool, gradient tool, paint bucket tool. Drawing tools Drawing basic geometric shapes, custom shape tool. Editing tools Blur tool, sharpen tool, smudge tool, clone stamp tool, pattern stamp tool. Toning tools Dodge tool, burn tool. Eraser tools 129 Eraser tools, background eraser tool, magic eraser tool, slice tool.)

UNIT-IV

LECTURE HOURS:12

Desktop Publishing and Printing in Malayalam

(Layers Layer palette Working with layers, creating a new layer, selecting, hiding/showing, deleting, sorting, repositioning, merging, linking and transforming layers, layers effects, rotating skewing, flipping & distorting layer. This unit introduces the Layers Layer palette Working with layers, creating a new layer, selecting, hiding/showing, deleting, sorting, repositioning, merging, linking and transforming layers, layers effects, rotating skewing, flipping & distorting layer)

UNIT-V

LECTURE HOURS:12

Desktop Publishing and Printing in Malayalam

(Proofreading techniques and cataloging, cover designing, blurb writing)

TEXT BOOKS:

T1. Pusthakanirmaanam - The State Language Institute, Kerala

T2. Proofreading ourkala - The State Language Institute, Kerala

T3. Printing A to Z - K.J. Samkutti

T4. Inivaayana Evayana - V.K. Adarsh, D.C. Books, Kottayam

T5. Print Technology and Compositing - The State Language Institute, Kerala

T6. Bookstoligia - P.K. Rajasekharan - Mathrubhumi Books

T7. Pusthakam Untakunnathu - V.K. Haridas, Poorna Publications, Kozhikode

T8. An Introduction to Book Publishing - D. Raghavan

T9. Copy Editing - Judith Butcher

REFERENCES:

R1. E Malayalam/cyber Malayalam - Sunitha T.V.

R2. <https://www.amazon.com/Desktop-Publishing-Bittu-Kumar/dp/9350570130>

CourseTitle: FRENCH-IV(T)	Course Code : 41 F
Semester: IV	Course Group : MIL-IV
TeachingSchemeinHrs(L:T:P): 4:0:0	Credits 3
MapCode: A(LanguageConcept)	TotalContact Hours: 60
CIA: 25Marks	SEE# : 75 Marks
Programme: ALLIYRUGPROGRAMMES (ExceptCS&HM)	
#-Semester EndExam	

No.	CourseOutcome(Cos): Aftercompletionofthiscourse,thestudentswillbeableto achieve the following outcomes.	POs	Class Session	CL
CO1	Comprendredes instructionsdecuisine,Mettreengarde, Communiqueraurestaurant,Exprimersasatisfactionetson insatisfaction.	PO2	12	R
CO2	Donnerunconseil,Parler desproblemesdesante, Exprimerson point devue.	PO2	12	U
CO3	Exprimersapreference,Exprimer soninteret, Faireunecritiquepositiveou negative.	PO4	12	AP
CO4	Exprimerunsouhait,undesir,Donnerun conseil, Demanderetproposerunservice.	PO4	12	AN
CO5	Structureronpropos,Demanderdesrenseignementssur un voyage, Parler d'une visite touristique, Exprimeretrepondreal'agacement.	PO7	12	C

UNIT–1:Encuisine-(LectureHours:12 Hrs)

Communication -(Translation&Comprehension Passages)

Grammaire -(GrammarExercises)

Vocabulaire -(Vocabulary Exercises)

Culture&Francophonie -(Information aboutFrenchCulture&FrancophoneCountries)

UNIT – 2: A votre sante ! - (Lecture Hours: 12 Hrs)

Communication -(Translation&ComprehensionPassages)

Grammaire - (Grammar Exercises)

Vocabulaire -(Vocabulary Exercises)

Culture&Francophonie -(Information aboutFrenchCulture&FrancophoneCountries)

UNIT – 3: Dans les medias - (Lecture Hours: 12 Hrs)

Communication -(Translation&ComprehensionPassages)

Grammaire - (Grammar Exercises)

Vocabulaire -(Vocabulary Exercises)

Culture&Francophonie -(Information aboutFrenchCulture&FrancophoneCountries)

UNIT – 4: Consommer responsable - (Lecture Hours: 12 Hrs)

Communication -(Translation&ComprehensionPassages)

Grammaire - (Grammar Exercises)

Vocabulaire -(Vocabulary Exercises)

Culture&Francophonie -(Information aboutFrenchCulture&FrancophoneCountries)

UNIT – 5: Envies d’ailleurs ? - (Lecture Hours: 12 Hrs)

Communication -(Translation&ComprehensionPassages)

Grammaire - (Grammar Exercises)

Vocabulaire -(Vocabulary Exercises)

Culture&Francophonie -(Information aboutFrenchCulture&FrancophoneCountries)

Text Books:

EDITO–NIVEAU A2-Methodedefrancais|Edition: 2|LesEditions Didier|CarolineSperandio
|ClemenceFafa|FlorenceGajdosova|AlexandraHorquin|AirellePasquet|MarionPerrard| Violette
Petitmengin | Marlene Dodin (DELF) | Julie Veldeman-Abry (Phonetique) | (April, 2022)

ReferenceBooks:

R1.Larousse–Dictionnairebilingue |Edition:2|Hachette|MARIANNEDURAND(2006)

R2.Collins dico|Edition: 8|MAURY-IMPRIMEURSAMALESHERBES,FRANCE.Harperco
|MARIANNEDURAND (2006)

WebsiteLinks:

i) wordreference.comii) verb2verbe.comiii) tolearnfrench.com

Course Title :EnglishIV	Course Code :42E
Semester IV	Course Group :ELN-IV
TeachingschemeinHrs(L:T:P):4:0:0	Credits 3
MapCode :A(LANGUAGE CONCEPTS)	TotalContactHours:60
CIA :25Marks	SEE :75Marks
Programme :All IIUG Courses	#-SemesterEndExam

No.	CourseOutcomes (Cos): Aftercompletion ofthiscourse,thestudentswillbeable to	PSOs	CL. Ses	CL
CO1	Broaden their outlook and sensibility and be acquainted with cultural diversity and divergence in perspectives.	PSO1	12	AP
CO2	Be updated with basic informatics skills and attitudes relevant to the emerging knowledge society	PSO1, PSO2	12	U
CO3	Producegrammaticallyandidiomaticallycorrectlanguage	PSO4, PSO6	12	A
CO4	Gain knowledge in writingtechniques tomeet academic and professional needs.	PSO4, PSO5, PSO6	12	R
CO5	BeequippedwithsufficientpracticeinVocabulary,Grammar,Comprehensi onandRemedialEnglishfromtheperspectiveofcareer orientedtests.	PSO3, PSO8	12	R

UNITI: LIFE WRITING

LECTURE HOURS:12

I am Malala-Malala Yousafzai- Chapter 1 - She is a member of the largest Pashtun tribe, the Yousafzai, wholivebythePashtunwalicodeofhospitalityandhonor.Herfathercelebratesherbirth, which is unusual in a country that doesn't value girls, and he names her after a courageous Afghan heroine.

My Inventions- Nikola Tesla- Chapter 2 -Tesla tells all about what goes on in his head, which sometimes is very weird. He tells about his life, how his inventions came to him, and how his inventions helped save his life. He tells his encounters with famous people, his brush with death which was more than once, and future ideas.

UNITII:ONE ACT PLAYS

LECTURE HOURS:12

TheZooStory-EdwardAlbee-TheZooStorydetailswhathappenswhenonecharacterenters the life of another character and quickly changes it forever. In the play, Jerry confronts Peter while hesitsquietlyreadingonabenchinCentralPark;throughaquickseriesofevents,JerryforcesPeter into helping him kill himself.

The Proposal- Anton Chekhov- This short story speaks about the tumultuous strain between two wealthy neighbors. The discontentment and lust with into increase their property and wealth induce them to the most straightforward way known to man, marriage.

UNIT-III:INTERVIEWS

LECTURE HOURS:12

Nelson Mandel's interview with Larry King- Larry King (1933-2021) was an American television and radio host who interviewed World leaders and movie stars. He hosted CNN show "Larry King Live" from 1985 to 2010. He interviewed former South African President Nelson Mandela (1918-2013) in 2000 about his release from Prison after 27 years. He declared that interviewing, Nelson Mandela was one of the greatest moments of his life. Like Mahatma Gandhi in India, Nelson Mandela fought for the rights of African people with non-violence.

Rakesh Sharma's Interview with Indira Gandhi from Space- In 1984, Indian Air Force pilot Rakesh Sharma made history by becoming the first Indian to travel to space. Mr Sharma was part of the Soviet Union's Soyuz T-11 expedition, which was launched exactly 36 years ago on April 2, 1984. On the 36th anniversary of that landmark day, a tweet by the Deputy Director of Maharashtra Information Centre, Dayanand Kamble, relives a conversation between Indira Gandhi and IAF officer Rakesh Sharma. The astronaut spoke to Ms Gandhi from space during a joint television news conference, which also included officials in Moscow. The conversation is remembered for Mr Sharma's memorable answer to the then prime minister's query about how India looks from space. During the news conference, Indira Gandhi asked Mr Sharma "Uparse Bharat kaisa dikhta hai aapko (How does India look like from space?)." He responded by quoting the poet Iqbal and saying "Saare jahaan se achha" or "Better than the whole world".

Lionel Messi with Sid Lowe - A prolific goalscorer and creative playmaker, Messi holds the records for most goals in La Liga (474), most hat-tricks in La Liga (36) and the UEFA Champions League (eight), and most assists in La Liga (192) and the Copa América (17). He also has the most international goals by a South American male (103). This interview with Sid Lowe brings out a lot from him.

UNIT IV:LANGUAGE COMPETENCY

LECTURE HOURS:12

Refuting, Arguing & Debating – Introduction to refuting- expression used during refuting- expressions used during arguments- phrases used during debating

Making Suggestions & Responding to Suggestions, Asking for and Giving Advice or Help- Expressions for making and responding to suggestions- expressions used while asking for and giving advice or help

Interview (face to face, telephone and video conferencing)- Introduction to interviews- Tips for approaching face to face interview- tips and techniques used during telephonic interviews – techniques for attending effective video interviews.

UNIT V:ENGLISH FOR WORKPLACE

LECTURE HOURS:12

Job Applications: Covering letters, CV and Resume- Introduction- Use of cover letters- Ways to write perfect cover letter- Difference between CV and Resume- Steps to create effective CV and Resume

Creating a digital profile - LinkedIn - Introduction to LinkedIn – Steps to create profile in LinkedIn

Filling Forms (Online & Manual): creation of account, railway reservation, ATM, Credit/debit card– Introduction to forms – Steps involved in creating an account in railways- Creating an account in a bank with requisition of Credit and Debit card

Body Language - Practical Skills for Interviews – Introduction to interview- Body languages to be maintained during the interview.

Text Books :

I Am Malala The Girl Who Stood Up for Education and Was Shot by the Taliban by Malala Yousafzai, Christina Lamb , Little Brown, 2013.

My Inventions by Nikola Tesla
Ingram Short title, 2011 Edition

Reference Books:

Writing Your Life: A Guide to Writing Autobiographies, Mary Borg, Taylor & Francis, 2021
One-act Plays for Acting Students: An Anthology of Short
Norman A. Bert • 1987 •

The One-Act Play Companion: A Guide to Plays, Playwrights... Colin
Dolley, Rex Walford • 2015

How to Build a Professional Digital Profile Kindle Edition
by Jeanne Kelly Bernish, Bernish Communications Associates, LLC; 1st edition (May 29, 2012)
Role Play-Theory and Practice. Krysia M Yardley-Matwieczuk, SAGE publications ltd, 1997

CourseTitle: INCOME TAX	CourseCode : 43E
Semester: IV	CourseGroup : DSC-VII
TeachingSchemeinHrs(L:T:P): 5:1:0	Credits : 6 Credits
MapCode:C(THEORY-APPLICATION)	TotalContactHours: 90
CIA: 25Marks	SEE #: 75 Marks
Programme: B.COM (CA)	#-SemesterEndExam

No	CourseOutcome(Cos):Aftercompletion ofthiscourse, thestudentswillbeableto	PSOs	Cl.Ses	Bloom's Taxonomy Level
CO1	Determinetheresidentialstatusofpersons underincometax	PSO3	18	AP
CO2	Computethe incomefrom salaries	PSO3	18	AP
CO3	ComputetheincomefromHouseProperty andBusiness and Profession.	PSO3	18	AP
CO4	ComputetheincomefromCapitalgainsand otherSources.	PSO3	18	AP
CO5	Computethetaxliabilityofindividualsafter clubbingofincome,SetoffandCarryforward of losses and deductions	PSO3	18	AP

UNITI:INCOMETAX–ANINTRODUCTION

HOURS:18

INCOME TAX –AN INTRODUCTION: Taxation - Income Tax - Components of Income TaxLaw-ImportantdefinitionsintheIncome-taxAct,1961-Income-HeadsofIncome-Stepsfor computation of tax liability

RESIDENTIALSTATUSANDSCOPEOFTOTALINCOME:ResidentialStatus -Scope of Total Income- Problem Solving in Residential Status and Scope of Total Income.

EXEMPTED INCOMES: Incomes not included in Total Income [Section 10] - Incomes not included in Total Income [Section 10 AA and 14A).

Tutorial:ViewIncometaxportalandCollect ITR relatedforms.

UNITII:INCOMEUNDER THE HEAD-SALARIES

HOURS:18

INCOME UNDER THE HEAD –SALARIES: Introduction of salary -Characteristics - Gratuity, Pension, Leave Encashment -Provident funds - Allowances –Perquisites -Profits in lieu of Salary -Deductions from Salary - Problem Solving in income from Salaries

Tutorial:CollectITRform1andform16A.

UNIT III: INCOME UNDER THE HEAD –HOUSE PROPERTY & BUSINESS AND PROFESSION **HOURS: 18**

INCOME UNDER THE HEAD –HOUSE PROPERTY: House property Income - Annual Value-Determination of Annual Value-Deductions from Annual Value-Problems solving in income from House property.

INCOME UNDER THE HEAD –BUSINESS AND PROFESSION: Income from Business - Computations of profit and gains from Business - Income from Profession - Computation of professional income - Problem solving in income from business and profession

Tutorial: Collect ITR-2 and form 16C.

UNIT IV: INCOME UNDER THE HEAD –CAPITAL GAINS & INCOME FROM OTHER SOURCES **HOURS: 18**

INCOME UNDER THE HEAD –CAPITAL GAINS: Capital Assets - Transfer of a capital Asset - Computation of Short term Capital gains - Computation of long term Capital gains - Exemptions - Tax on Capital gains - Problem solving in income from Capital gains.

INCOME UNDER THE HEAD –INCOME FROM OTHER SOURCES: Income from other sources - General incomes and Specified incomes - Deductions and Tax on other sources - Problem solving in income from other sources.

Tutorial: Collect ITR -4, 15G, 15H and form 16B.

UNIT V: COMPUTATION OF TAX LIABILITY **HOURS: 18**

CLUBBING OF INCOME: Clubbing of Income - Deemed Incomes. SET-OFF AND CARRY FORWARD OF LOSSES - Aggregation of income - Set off of Losses - Carry Forward - Problem Solving in Set off and carry forward of losses.

DEDUCTIONS FROM GROSS TOTAL INCOME - Deductions u/s 80 - Deductions in respect of certain payments - Deductions in respect of certain incomes – Problem Solving.

COMPUTATION OF TOTAL INCOME: Steps for computation of Total Income - Scheduled rate of tax.

COMPUTATION OF TAX LIABILITY: Rebate - Advance Tax & Tax Liability - Problem solving in computation of tax liability of an Individual

Tutorial: List the steps to upload Income Tax E-Filing and collect Form 26AS.

REFERENCE MATERIAL

TEXT BOOKS:

T1: Income Tax Law and Practice | Edition: | Kalyani Publishers | Gaur V.P. and Narang B.B. and Puja Haur Rajeev Puri

REFERENCE BOOKS:

R1: Income Tax Law and Practice | Edition: | Margham Publications | T.S.Reddy and Y Hariprasad Reddy

CourseTitle: FINANCIAL ANALYSIS USING EXCEL	CourseCode: 43B
Semester: IV	CourseGroup: DSC-VIII
TeachingSchemeinHrs(L:T:P): 4:0:0	Credits: 4Credits
MapCode:E(THEORY-PROGRAMMING)	TotalContactHours: 60
CIA: 25 Marks	SEE : 75 Marks
Programme: B.COM (CA)	#-SemesterEndExam

No.	CourseOutcome	PSOs	Cl. Ses	CL
CO1	UnderstandandApplytheconcepts of basic Excelfunctionsfordataformatting, representation and analysis.	PSO2	12	Ap
CO2	Demonstratetheroleofvarious typesofcharts inBusiness ApplicationsusingExcel	PSO2	12	Ap
CO3	Understandthe applicationsofExcel inBusiness Management.	PSO2	12	AP
CO4	Solvetheproblems intheBusiness Management domain usingExcel.	PSO2	12	Ap
CO5	Analyzeandrepresentthedataeffectively in FinancialBuildingandPlanning.	PSO2	12	Ap

UNIT:I

LECTUREHOURS:12

ExcelFunctions: Basics Revisiting & Functions (Linkages in Excel files, Basic usage of Microsoft Excel)- Functions in Excel (Data Formatting Functions, Data Representation Functions, Data Analysis Functions, Financial Functions)

UNIT- II

LECTURE HOURS:12

Data Representation using Charts: Various types of charts (line chart, Bar chart, column charts, Pie Charts, Area Charts, Stock Charts, 2-D and 3-D charts, Usage of charts).

UNIT-III

LECTUREHOURS:12

Applications of Excel in Management: Financial Statement Linkages (Financial Statement Linkages, Company Model Building) - Time Value of Money Applications (Loan Schedule Creation, EMIs, Effect of change of parameters on EMI and Tenure; Net Present Value; Internal Rate of Return. Project Finance Basics) – Macros (Form Control, Recording Macros, Writing Basic Macros) - Applications in Financial Planning (Goal Based financial planning, Retirement Planning, Investment Returns Requirement Analysis) - Applications in Marketing Domain (Pivot Tables and use of Filters, Creating views for various segments of Marketing) - Scenario Analysis (Scenario Analysis, Stress testing of models).

UNIT-IV

LECTURE HOURS:12

Case Study 1: Financial Statement Building & Linkages (Impact of changes in various segments of financial statements, Creating a balanced Balance Sheet and a completely dynamic financial model) - Financial Planning (Case study on a hypothetical client with financial requirements analysis and portfolio recommendation for achieving the required risk return profile).

UNIT-V

LECTUREHOURS:12

Case Study 2:Statistical Functions and Analysis (Count Function, Counta, Countblank, Countifs Function, Average Function, Median Function, Mode Function, Standard Deviation Function) - Regression and other statistical techniques (Perform Simple and Multiple Regression analysis, ANOVA, Z Test, t Test Correlation Function) - OtherExcel functions (Forecasting, Seasonality) - Shortcuts and Productivity Tools (Shortcuts keys for work book and formatting content).

TEXT BOOK:

T1 MicrosoftExcel2013FormulasbyJohnWalkenbach(Misl-Wiley)

REFERENCEBOOK:

R1 UsingExcelforBusinessAnalysis:AGuidetoFinancialModellingFundamentalsby Danielle Stein Fairhurst (Wiley Finance)

R2 MicrosoftExcel–InsideOut,CraigStinson andMarkDodge,PHI,Edition:2006

R3 MicrosoftOffice2000,VishnuPriyaSingh,ComputechPublicationsLtd.,Edition:2006

REFERENCEWEBSITES:

1. WWW.EXCEL-EASY.COM
2. WWW.EXCELJET.COM
3. WWW.W3SCHOOLS.COM

CourseTitle: FINANCIAL ANALYSIS USING EXCEL	CourseCode: 43B
Semester: IV	CourseGroup: DSC-VIII
TeachingSchemeinHrs(L:T:P): 0:0:4	Credits: 2 Credits
MapCode: G(PRACTICAL PROGRAMMING)	TotalContactHours: 60
CIA: 40Marks	SEE : 60 Marks
Programme: B.COM (CA)	#-SemesterEndExam

UNIT:IPRACTICAL:12HOURS)

Excel Functions: Data Analysis (Strings, Errors, Logical Functions, Maths and Logical Functions and Lookup Functions) - Data Formatting Functions (Cut/Copy/Paste Cell Widening, Format Painter, Font & Alignment, Number & Conditional Formatting) - Data Representation Functions (Insert Formulas, Sort & Filter, Data Representation, Text to Column Freezing Contents of a cell) - Financial Functions (Depreciation, CAGR, Present Value, Future Value, Statistical Functions).

UNIT-IIPRACTICAL:12HOURS)

Data Representation using Charts: Data Representation using Charts (Line chart, Bar chart, Column charts, Pie Charts, Area Charts, Scatter Chart)

UNITIII(PRACTICAL :12 HOURS)

Applications of Excel in Management: Applications of Excel in Management (Company Model Building, EMI, NPV, Investment Returns, Retirement Planning, Financial Planning, Pivot Table Basics, Macros-Form Control, Recording Macros and Writing Basic Macros, Scenario Analysis - Data Table)

UNITIV(PRACTICAL:12HOURS)

Case Study 1: Case Study (Data Cleaning Solution, Company Model Building, Financial Planning – Detailed, Dynamic Chart V Lookup, Match & Index)

UNITV(PRACTICAL:12 HOURS)

Case Study 2: Statistical Functions and Analysis (Regression, Multiple Regression, Z Test, ANOVA, t Test, Shortcuts, Forecast & Seasonality).

TEXT BOOK:

1. Microsoft Excel 2013 Formulas by John Walkenbach (Misl-Wiley)

REFERENCE BOOK:

1. Using Excel for Business Analysis: A Guide to Financial Modeling Fundamentals by Danielle Stein Fairhurst (Wiley Finance)
2. Microsoft Excel – Inside Out, Craig Stinson and Mark Dodge, PHI, Edition: 2006
3. Microsoft Office 2000, Vishnu Priya Singh, Computech Publications Ltd., Edition: 2006

REFERENCE WEBSITES:

1. WWW.EXCEL-EASY.COM
2. WWW.EXCELJET.COM
3. WWW.W3SCHOOLS.COM

Course Title: Elective-II JavaScript Essentials(T)	Course Code :43E
Semester:IV	Course Group :DSE-II
Teaching Scheme in Hrs(L:T:P):4:0:0	Credits :4Credits
Map Code:E(THEORY-PROGRAMMING)	Total Contact Hours:60
CIA:25Marks	SEE :75 Marks
Programme:B.COM(CA)#	-Semester End Exam

No.	Course Outcome	PSOs	Cl. Ses	CL
CO1	Illustrate the basic concepts of web scripting	PSO3	12	Ap
CO2	Apply the basic concepts of variable	PSO3	12	Ap
CO3	Demonstrate the operators control structures and arrays	PSO3	12	Ap
CO4	Develop the programs using functions and events	PSO3	12	Ap
CO5	Apply the concepts of Document Object Model Structure & Access the Links and Images, Timer Controls.	PSO3	12	Ap

UNIT-I

LECTURE HOURS:12

Introduction to web development: How a web application works. (The components of a web application, How static web pages are processed, How dynamic web pages are processed, How JavaScript is used for client-side processing, What you need to know about the ECMAScript specification) - **The components of a JavaScript application** (The HTML, The CSS, The JavaScript) - **How to test a JavaScript application** (How to run a JavaScript application, How to find errors in your code, How to provide cross-browser compatibility) - **How to use VS Code to develop JavaScript applications** (How to create or import a project, How to work with files How to edit a file, How to run a JavaScript application.) - **How to include JavaScript in an HTML document** (Two ways to include JavaScript in the head of an HTML document, How to include JavaScript in the body of an HTML document.) - **The JavaScript syntax** (How to code JavaScript statements How to create identifiers How to use comments)

UNIT-II

LECTURE HOURS:12

Getting started with JavaScript: How to work with JavaScript data (The primitive data types, How to declare and assign values to variables, How to code arithmetic expressions, How to use arithmetic expressions in assignment statements, How to concatenate strings and include special characters in strings) - **How to use objects methods and properties** (Introduction to objects, methods and properties, How to use the parseInt() and parseFloat() methods of the window object,

How to use the write () and writeln() methods

of the document object.) - **Two illustrative applications** (The Miles Per Gallon application, The Test Scores application).

UNIT-III

LECTURE HOURS:12

The essential JavaScript statements : How to code conditional expressions (How to use the relational operators, How to use the logical operators)-**How to code the basic control statements** (How to code if statements, How to code while and do-while loops, How to code for loops)-**Three illustrative applications** (The enhanced Miles Per Gallon application, The Future Value application, The enhanced Test Scores application)-**How to work with arrays** (How to create and use arrays, How to use for loops to work with arrays)-**The Test Scores application with an array** (The user interface, The JavaScript).

UNIT-IV

LECTURE HOURS:12

How to work with JavaScript objects functions and events: How to use objects to work with data (How to use the window and document objects, How to use Textbox and Number objects, How to use Date and String objects.) - **How to use functions** (How to create and call a function expression, How to create and call a function declaration, When and how to use local and global variable, When and how to use strict mode.) - **How to handle events** (How to attach an event handler to an event, How to use an onload event handler to attach other event handlers.) - **Two illustrative applications** (The Miles Per Gallon application, The Email List application) - **How to test and debug a JavaScript application: An introduction to testing and debugging** (The three types of errors that can occur, Common JavaScript errors How to plan the test runs, How to use top-down coding and testing to simplify debugging.)-**How to debug with Chrome's developer tools** (How to use Chrome to find errors, How to use break points and step through your code.) - **Other debugging methods** (How to trace the execution of your JavaScript code, How to view the source code, When and how to validate the HTML).

UNIT-V

LECTURE HOURS:12

How to script the DOM with JavaScript: DOM scripting properties and methods (DOM scripting concepts, The properties of the Node interface, The methods of the Document and Element interfaces, The properties of the DOM HTML specification.)-**The FAQs application** (The HTML and CSS, The JavaScript) - **How to script forms and controls** (How forms work, How to script Textbox, Textarea and Select objects, How to script Radio and Checkbox objects, How to use the methods and events for forms and controls)-**The Register Application** (The HTML and CSS, The JavaScript)-**How to add and remove nodes from the DOM** (How to use the innerHTML property of the Element interface, How to view the changes to the DOM in Chrome)-**The Register**

applicationwithatable(TheHTMLandCSS,

TheJavaScript) - **How to work with links, images, and timers : How to work with links and images**(Howtocancelthedefaultactionofanevent,Howtopreloadimages.)-**TheImageSwap**

application (The HTML and CSS, The JavaScript) - **How to use timers** (How to use a one-time timer, How to use an interval time) - **The Slide Show application** (The HTML and CSS, The JavaScript).

TEXT BOOK:

1. HTML5andCSS3|ZakRuvalcaba andAnneBoehm |Murach Publications|3rdEdition.
2. JavaScriptandjQuery|MaryDelamaterandZakRuvalcaba|MikeMurach'sPublications|3rd edition | July2017.

REFERENCEBOOKS:

1. WebDevelopment withjQuery|RichardYork|WROXPublications|2015,1stEdition.
2. HighPerformanceJavaScript |NicholasC.Zakas|O'reillyPublications|2010,1stEdition.
3. JavaScriptandjQuery:InteractiveFront-EndWebDevelopment|JonDuckett|WILEY&SONS Publications | 2014, 1stEdition.

REFERENCEWEBSITES:

1. WWW.JAVASCRIPT.COM
2. WWW.W3SCHOOLSS.COM

CourseTitle: Elective-IIJavaScriptEssentials (P)	CourseCode : 43E
Semester: IV	CourseGroup : DSE-II
TeachingSchemeinHrs(L:T:P): 0:0:4	Credits : 2Credits
MapCode : G(PRACTICAL-PROGRAMMING)	TotalContactHours: 60Hrs
CIA : 40 Marks	SEE : 60 Marks
Programme:B.COM(CA) #- SemesterEndExam	

Practicalist::

1. CreateaJavaScript programfortheMilesPerGallonapplication.
2. Developajavascript programfortheenhanced MilesPerGallonapplication.
3. ConstructaJavaScriptprogramfortheFutureValueapplication.
4. CreateaJavaScript programfortheTest Scoresapplication with anarray.
5. CreateaJavaScriptprogramfortheEmailListapplication.
6. ConstructaJavaScript programfortheFAQsapplication.
7. CreateaJavaScript programfortheRegisterapplication with a table.
8. DevelopaJavaScriptprogramusingarithmeticexpressions.
9. CreateaJavaScriptprogram fordateandstringobjects.
10. ConstructaJavaScript programusing onloadeventhandler.
11. DevelopaJavaScriptprogramusinglink.
12. CreateaJavaScriptprogramusingimages.
13. DevelopaJavaScriptprogramusingtimer.
14. CreateaJavaScript programusingslideshowapplication.
15. ConstructaJavaScript programusing imageswapapplication.

TEXT BOOK:

1. HTML5andCSS3|ZakRuvalcaba andAnneBoehm |Murach Publications|3rdEdition.
2. JavaScriptandjQuery|MaryDelamaterandZakRuvalcaba|MikeMurach’sPublications| 3rd edition | July2017.

REFERENCEBOOKS:

1. WebDevelopment withjQuery|RichardYork|WROXPublications|2015,1stEdition.
2. HighPerformanceJavaScript|NicholasC.Zakas|O’reillyPublications|2010,1stEdition.
3. JavaScriptandjQuery:InteractiveFront-EndWebDevelopment| JonDuckett|WILEY& SONS Publications | 2014, 1stEdition.

REFERENCEWEBSITES:

1. WWW.JAVASCRIPT.COM
2. WWW.W3SCHOOLSS.COM

CourseTitle : SOFTSKILLS– IV	CourseCode:
Semester IV	CourseGroup: NMS-IV
TeachingSchemeinHrs(L:T:P): 2:0:0	Credits:-
MapCode : B(Language Usage)	TotalContactHours: 30
CIA : 50 Marks	SEE #: -
Programme: All III UG Programme	#-Semester End Exam

No.	CourseOutcomes(Cos): After completion of this course, the students will be able to	POs	Cl. Ses	CL
CO1	Enabling students to create an effective resume and develop the ability to write professional email.	PO3	6	Apply
CO2	Augment language fluency and confidence in communication skill.	PO2	6	Apply
CO3	Acquires satisfactory competency in verbal ability to clear initial interview process	PO2	6	Apply
CO4	Produce appropriate vocabulary and correct word forms and use a variety of accurate sentence structures; produce accurate grammatical structures.	PO2	6	Apply
CO5	Enhance the Verbal Skills in the application of grammar in Placement Tests and Competitive Exam.	PO2	6	Apply

UNIT:I

LECTURE HOURS:8

Profile Building- To build a holistic professional profile (Resume & LinkedIn).

UNIT:II

LECTURE HOURS:8

Speak up- Advanced Just a Minute (Correction, evaluation and feedback) – Email etiquettes (Concept teaching, Practice and feedback). Writing Skills- Paragraph Writing (Sample and exercise) – Practice (Exercise)

UNIT:III

LECTURE HOURS:8

Reading Skills- Reading Comprehension (Read the passage and answer the questions given) - Practice (Newspaper/novel reading in the classroom) and Basic Interview FAQs and model answers.

UNIT : IV

LECTURE HOURS: 3

Verbal Ability I–Synonyms, Antonyms and Prepositions (Interview related).

UNIT:V

LECTURE HOURS:3

Verbal Ability II- Interchanged Words (Structuring a sentence to a correct form). Logical Sequencing (Logical ordering of the sentence to form a meaningful paragraph)

Text Books:

- Developing Reading Skills | Edition:5 | Kavitha Offset Printers | Hyacinth Pink (2018)
- Priyadarshi Patnaik, Group Discussion and Interview Skills, Foundation books, 2012.
- Verbal Ability | Edition:5 | Kavitha Offset Printers | Hyacinth Pink (2018)

Assessment Pattern: Internal Assessment: Oral presentation, Assignment, Model Exam

Course Title: APTITUDE	Course Code : 44F
Semester IV	Course Group: AECC –II
Teaching Scheme in Hrs (L:T:P): 3:0:0	Credits 3
Map Code : F(PROBLEM– ANALYSIS)	Total Contact Hours: 45
CIA: 100 Marks	SEE# : -
Programme: AIIIUG PROGRAMMES (EXCEPT CS & HM)	#-Semester End Exam

No	Course Outcome (Cos): After completion of this course, the students will be able to	Pos	Cl. Ses	Bloom's Taxonomy Level
CO1	Recall the Numbers, H.C.F and L.C.M and apply the problems on number simplification and the ability to face the test and interview conducted by different companies and succeed.	PO5 & PO6	9	AP
CO2	Illustrate the Percentage, Profit and Loss, Simple and Compound Interest and solve them.	PO5 & PO6	9	AP
CO3	Understand and solve the Ratio, Problems on ages, Time & Distance and also prepare to appear in different competitive exams.	PO5 & PO6	9	AP
CO4	Practice the problems on Trains, Time and Work. It will enhance students' problem-solving skill.	PO5 & PO6	9	AP
CO5	Understand and solve logical thinking and analytical abilities.	PO5 & PO6	9	AP

UNIT-I

LECTURE HOUR: 9

Types and Process of Numbers (Vedic Mathematics) – HCF and LCM (Test of divisibility and Factors and Multiples) – Numbers Simplification (Shortcut methods) – Average (Important Facts and Formulas).

UNIT- II

LECTURE HOUR: 9

Percentage (Concept of Percentage) – Simple and Compound Interest (Important facts such as principal and interest) – Profit and Loss (Important facts such as Cost Price and selling Price).

UNIT- III

LECTURE HOUR: 9

Ratio (Ratio of two quantities, the equality of two ratios and Variation) – Problems on ages (Related Problems) – Time and distance (Important facts such as speed, Distance, time and ratio between them).

UNIT- IV

LECTURE HOUR: 9

Problems on trains (Related problems) – Time and Work (Important facts and formulas)

UNIT-V

LECTURE HOUR: 9

Direction Test (Related problems) – Blood Relations (Related problems) – Number Series (Related problems) – Coding and Decoding (Related problems).

ASSESSMENT

ObjectivetypeQuestionpattern.

TEXTBOOKS:

1. RonakBajaj,VedicMathematics,BlackRosePublications,2005.
2. Agarwal.R.S,QuantitativeAptitude,SChand &CompanyPvtLtdR.S,RevisedEdition 2008.

REFERENCEBOOKS:

1. Bharati KrsnaTirthaji,Maharaja, VedicMathematics, MotilalBanarsidass Publishers Private Ltd, Delhi, Re-Print 2004.
2. Agarwal.P.KTestofReasoningandQuantitativeAptitude,SChand&CompanyPvtLtd, 2005.
3. AbhijitGuha,QuantitativeAptitudeforCompetitiveExaminations,TataMcGrawHill,3rd Edition, 2011.
4. EdgarThrope,TestofReasoningforCompetitiveExaminations,TataMcGrawHill,4thEdition, 2012.
5. InterviewGuide,RVSEducationalTrust,ThirdEdition, 2019.

Course Title: DATABASE MANAGEMENT SYSTEM (P)	Course Code : 53B
Semester : V	Course Group : DSC-IX
Teaching Scheme in Hrs (L:T:P): 4:0:0	Credits : 4
Map Code : C (THEORY-CONCEPT)	Total Contact Hours: 60
CIA : 25 Marks	SEE : 75 Marks
Programme: B.COM (CA)	#-Semester End Exam

No	Course Outcome (Cos): After completion of this course, the students will be able to	PSOs	Cl.Ses	CO
CO1	Describe fundamental knowledge and practical experience with database and relational model	PSO1	12	U
CO2	Discuss relational algebra solution to a query problem.	PSO1	12	U
CO3	Develop practical experience for data model using MYSQL	PSO1	12	AP
CO4	Compare the dependencies and normalization of a database.	PSO1	12	AN
CO5	Integrate MYSQL interface to Manipulating data in Database.	PSO1	12	AN

UNIT I

LECTURE HOURS: 12

DATABASE AND DATABASE USERS: Characteristics of the database approach (Self-describing nature of a database system.

Insulation between programs and data and data abstraction. Support of multiple views of the data. Sharing of data and multiuser transaction processing)-**Actors on the scene** (Database administrators. Database designers. End users System analysts and application programmers).

DATABASE SYSTEM: CONCEPT AND ARCHITECTURE: Data models, schemas, and Instances (Categories of data models. Schemas, Instances and database state)-**Three-schemas architecture and data independence** (Three-schemas architecture Data independence)-**Database languages and Interface** (DBMS Language DBMS Interface)-**Centralized And Client /Server Architectures For DBMSs** (Centralized DBMSs Architecture, Basic Client/Server Architectures. Two-Tier Client/Server Architectures for DBMS. Three-Tier Client/Server Architectures for Web Applications).

DATAMODELING USING THE ENTITY-RELATIONSHIP MODEL: ER-Diagram (Entities Attributes Relationship Direct line).

UNIT II

LECTURE HOURS: 12

THE RELATIONAL DATA MODEL AND RELATIONAL DATABASE CONSTRAINTS

Relational model (Domains, attributes, tuples, and relations. Characteristics of relations. Relational model notation) - **Relational model constraints and relational database schemas** (Domain constraints. Key constraints and constraints on null values. Relational databases and relational database schemas. Entity integrity, referential integrity, and foreign keys. Other types of constraints) - **Update operations and dealing with constraint violations** (Insert operation. Delete operation, Update operation) - **Unary relational operations** (SELECT operation. PROJECT operation. Sequences of operations and the RENAME operation)

Relational algebra operation from set theory (The UNION, INTERSECTION, and MINUS operation. The CARTESIAN PRODUCT operation) - **Binary relational operations** (The JOIN operation, The EQUIJOIN and NATURAL JOIN variations of join. A complete set of relational algebra operations. The DIVISION operation)

THE RELATIONAL ALGEBRA AND RELATIONAL CALCULUS: Additional relational operations (Aggregate functions and grouping) - **The tuple relational calculus** (Tuple variables and range relations, Expressions and formulas in tuple relational calculus) - **The domain relational calculus** (Domain calculus. Domain variables)

UNIT III

LECTURE HOURS: 12

SCHEMA DEFINITION, BASIC CONSTRAINTS, AND QUERIES: MYSQL DATA

definition (Schema and catalog. The CREATE TABLE command in MY SQL. Attribute data types and domains in MY SQL) - **Specifying basic constraints in MY SQL** (Specifying attributes constraint and attribute defaults. Specifying key and referential integrity constraints. Giving names to constraints. Specifying constraints on tuples using CHECK) - **Schema change statements in MY SQL** (The DROP command. The ALTER command) - **Basic queries in MY SQL** (Select -from-where structure of basic MYSQL queries. Ambiguous attribute names, Aliasing and tuple variables. Unspecified WHERE clause and use of the asterisk. Tables assets in MY SQL. Substring pattern matching and arithmetic operators. Ordering of query results) - **More complex MYSQL queries** (Comparisons involving NULL and Three-valued logic. Nested queries, tuples, and set/ multiset comparisons. Correlated nested queries) - **Insert, Delete, and update statements in MY SQL** (The INSERT command. The DELETE command. The UPDATE command) - **Additional features in MY SQL** (Assertions Views Creating indexes Grant and revoke) - **Views** (Views in MYSQL. Specification of views in MYSQL. View implementation and view update).

UNIT-IV

LECTURE HOURS:12

RELATIONAL DATABASE DESIGN: Informal design guidelines for relational schemas(Semantics of the relation attributes. Redundant information in tuples and update anomalies.Null values in tuples. Generation of spurious tuples)-**Functional dependencies**(Definition of functional dependency. Inference rules for functional dependencies. Equivalence of set of functional dependencies.Minimal set of functional dependencies)-**Normal forms based on primary keys**(Normalization of relations. Practical use of normal forms.Definitions of keys and attributes participating in keys.First normal form.Second normal form. Third normal form)-**Boyce- codd normal form(BCNF)-Properties of relational decompositions**(Relation decomposition and insufficiency of normal forms. Dependency preservation property of decomposition. Lossless join property of decomposition. Testing binary decompositions for the non additive join property. Successive lossless join decompositions)

UNIT-V

LECTURE HOURS:12

TRANSACTION PROCESSING: Transaction processing(Single-user versus multiuser system. Transactions, read and write operations, DBMS buffers. Concurrency control. Recovery)-**Transaction and system**(Transaction states and additional operations. System Log. Commit point of a transaction. Desirable properties of transaction)-**Characterizing schedules**(Characterizing schedules based on recoverability.Characterizing schedules based on serializability)-**Concurrency control techniques**(Two-phase locking techniques for concurrency control. Concurrency control based on timestamp ordering.Multi version concurrency control techniques.Validation concurrency control techniques. Granularity of data items and multiple granularity locking. Using locks for concurrency control in indexes. Other concurrency control and issues).

TEXTBOOK:

T1: Fundamentals of database system | Edition:4 | pearson education | elmasri navathe AND somayajulugupta(2012)

REFERENCE BOOK:

R1: Fundamentals of Database Systems | Edition | Elmasri | 2019

CourseTitle: DATABASEMANAGEMENTSYSTEM(P)	CourseCode : 53Q
Semester: V	CourseGroup: DSC-IX
TeachingSchemeinHrs(L:T:P): 0:0:4	Credits 2
MapCode: G(PRACTICALPROGRAMM)	TotalContactHours: 60
CIA: 40Marks	SEE #: 60Marks
Programme: B.COM-CA#-SemesterEndExam	

LISTOFEXPERIMENTS

UNIT I

1. CreateaTable&PerformtheFollowing(i)Create(ii)Insert(iii)Select
2. CreateaTable &PerformtheFollowing-(i)Update(ii)Delete(iii)Alter
3. Createatable&performthefollowingi)unionii)unionall iii)Intersection
4. Create a Table: Company with its Fields & Perform the Queries:- (i) Ascending&DescendingOrder(ii)Greater&smallerthanfunction(iii) Ranging Function
5. CreateaTable:EmployeewithitsFields&PerformtheQueries:(i)ParticularEmployee Details
(ii)ParticularDepartmentDetails(iii)ParticularResidentDetails
6. CreateaTable:Student withitsFields&PerformtheQueries:(i) Finding Average (ii) Greater &Smaller than function (iii) Between Details
7. CreateaTable:ProductwithitsFields&PerformtheQueries:(i)SUM Operation (ii) COUNTOperation (iii) TOTAL Operation
8. CreateaTable:BankwithitsFields&PerformtheQueries:(i) DepositsDetails(ii)BranchDetails(iii)Percentage Calculation
9. CreateaTable:PayrollwithitsFields&PerformtheQueries:(i)Net Pay Operation (ii) GrossPay Operation (iii) PF Operation
10. Createatableandperformtheoperators
11. Createatableandperformmysqlfunctions
12. Createatableusingjoins

TEXTBOOK:

T1:Fundamentalsofdatabasesystem|Edition:4|pearsoneducation
|elmasrinavatheANDsomayajulugupta(2012)

REFERENCE BOOK:

R1:FundamentalsofDatabaseSystems|Edition|Elmasri|2019

Course Title: FINANCIAL MANAGEMENT(T)	Course Code :53A
Semester :V	Course Group :DSC-X
Teaching Scheme in Hrs(L:T:P):5:1:0	Credits 6
Map Code :C(THEORY-CONCEPT)	Total Contact Hours:90
CIA :25Marks	SEE # :75Marks
Programme: B.Com(CA)	#-Semester End Exam

No	Course Outcome (Cos): After completion of this course, the students will be able to	PSOs	Cl.Ses	CL
CO1	Describe the concept time value of money in finance	PSO1	18	U
CO2	Identify sources of finance of business and compute cost of capital for long term sources including Shares, Debentures and Retained earnings	PSO4	18	AP
CO3	Identify the optimum capital structure mix of business firms.	PSO4	18	AP
CO4	Apply the capital budgeting technique to select the Projects.	PSO1	18	AP
CO5	Compute the dividend policy and operating cycle of business	PSO4	18	AP

UNIT I

(LECTURE HOURS:18)

INTRODUCTION OF FINANCIAL MANAGEMENT: Meaning (Meaning-Business, Finance, Types of Finance, Aspects: Procurement and effective utilization of funds, Evolution of Financial Management - Traditional, Transitional and Modern). - **Finance Decisions** (Finance Functions, Decisions - Investment Decision, Finance Decision and Dividend decision) - **Scope** (Scope of Financial Management, Functions, Relationship with other departments, Organization Structure, Financial distress and Insolvency, Agency cost and Problem) - **Objectives** (Objectives - Profit maximization, wealth maximization, Conflicts in Profit versus Value Maximization Principle).

TIME VALUE OF MONEY : Introduction (Meaning, Why Money in the Future is Worth Less Than Similar Money Today - Preference for Present Consumption, Inflation, Risk and Uncertainty) - **Techniques of Time value of Money** (Compounding and discounting) - **Compounding Technique** (Future value of Money, Simple interest, Compound interest, Multi period compounding and Effective rate of Interest) - **Discounting Technique** (Present value of money, Present value in lump sum, Series of Payments) - **Annuity, Perpetuity and Sinking fund** (Annuity, Future value and present value of an annuity, Annuity due and Perpetuity and Sinking fund).

UNIT II

(LECTURE HOURS:18)

SOURCES OF FINANCE: Introduction (Meaning, Financial Needs and Sources of Finance of a Business) - **Long-term Sources of Finance** (Long term Sources - Equity Capital, Preference Share Capital, Retained Earnings, Debentures or Bonds, Loans) - **Medium Term sources of finance** (Time period-0 to 5, Share capital, Loans, Debentures less than 5 years) - **Short term Sources of Finance**

(Trade Credit, Accrued Expenses and Deferred Income, Advances from Customers, Commercial Paper and Bank Advances.) - **Other Sources of Financing**(Venture Capital Financing, Debt Securitization and Lease Financing, Seed Capital Assistance, Internal Cash Accruals, Unsecured Loans,DeferredPayment)-**International Financing**(InternationalAgencies,InternationalCapital Markets, Financial Instruments, Euro Issues by Indian Companies and New instruments).

FINANCING DECISIONS -COST OF CAPITAL: Introduction (Meaning - Cost, Capital, Importance, historic and future cost, Discount rate, Hurdle rate, Cut off rate.) - **Measurement of Cost of Capital**(Cost of debt, Cost of Preference Shares, Cost of Equity, Cost of Retained Earnings, Cost of Depreciation.) - **CAPM** (Introduction, Theory.) - **Weighted average cost of capital**(Introduction, Meaning - Composite or overall cost of capital, Calculation of WACC and Marginal Cost of Capital).

UNIT III

LECTURE HOURS: 18

FINANCING DECISIONS -CAPITAL STRUCTURE :Introduction (Meaning and Designing Capital Structure, Mix - Equity shares, Equity and preference, Equity and debentures, Equity, preference and debentures, Determinants) - **Optimal Capital Structure** (Meaning - right mix of debt and equity in the long term capital structure of a firm. Key Concepts for Designing Optimal Structure, Essential features of sound capital Mix.)-**EBIT-EPSS Analysis**(Introduction Indifference Point, Breakeven Point, - Introduction and Inter relationship for maximization shareholders wealth and problem solving.) - **Capital Structure Theories** ((a) Net income approach (b) Net operating income approach (c) Modigliani-Miller approach (d) Traditional approach. (e) Trade off Pecking Order) - **Cost of Capital, Capital Structure and Market Price of Share** (Capital Structure and Taxation-dividends and retained earnings are not tax deductible; interest on debt is tax-deductible, Over and Under Capitalization.

FINANCING DECISIONS -LEVERAGE:Introduction (Meaning, Business Risk and Financial Risk, risk associated with the firm's operations and operating income(EBIT))-**Debt versus Equity Financing** (Introduction, Meaning - Thin and Thick Equity) - **Types of Leverage** ((i) Operating Leverage (ii) Financial Leverage Combined Leverage and problem solving). **TUTORIAL: PRACTICAL** (Capital Structure - Identify the composition mix of long term sources in balance sheet).-

UNIT IV

LECTURE HOURS: 18

INVESTMENT DECISIONS -CAPITAL BUDGETING:Introduction (Definition -process of evaluating and selecting long-term investments. Purpose-Substantial expenditure, Long time period, irreversibility etc) - **Capital Budgeting Process** (Process - Planning, Evaluation, Selection, Implementation, Control, Review) –

Capital Investment Decisions(1. On the basis of firm's existence 2. On the basis of decision

situation) - **Project Cash Flows** (Meaning - Cash outflows and cash inflows. Costs are cash outflows whereas the benefits are cash inflows, Basic Principles for Measuring Project Cash Flows)

-**Capital Budgeting Techniques (Traditional techniques)** (Non discounting techniques - Payback Period, Payback Reciprocal, Accounting (Book) Rate of Return (ARR) and problem solving) - **Capital Budgeting Techniques (Modern Techniques)** (Discounting Techniques - Net Present Value Technique (NPV), Desirability factor, Internal Rate of Return Method (IRR), Discounted Payback Period Method. NPV Vs IRR and problem solving) - **Capital Rationing** (Introduction, Divide and Un divide Projects, Special cases). **TUTORIAL: PRACTICAL** (Identify the cash inflow and Payback period of small scale business).

UNIT V

LECTURE HOURS: 18

DIVIDEND: Introduction (Meaning, importance, Determinants of dividend- Legal restriction, magnitude and trend of earnings) - **Types and Forms of dividend** (Types - Regular, irregular, stable, no dividend. Forms - Cash, bond, property, stock) - **Dividend Valuation** (Theories of dividend policy - Relevance and Irrelevance theories, - Walter's Model, Gordon's Model and MM Approach) - **Dividend Policies in Practice** (Introduction, Practical considerations in dividend policy) - **Stock split** (Introduction, Reverse stock split, Bonus and right shares).

WORKING CAPITAL MANAGEMENT: Introduction (Meaning, Current Assets and Current Liabilities, Funds) - **Management of Working Capital** (Cash Management, Inventory Management, Receivable and Payable Management) - **Working Capital Decision** - Estimation of Working Capital, Operating and Cash cycles, Risk return Trade-Off. **TUTORIAL: PRACTICAL** - Identify the dividend policy, Payout, Type and form of dividend

Text Books:

T1: Financial management | Edition: 8 | Kalyani publishers | Shashi K. Gupta
R.K. Sharma (2015)

Reference Books:

R1: Financial Management | Edition: | Tata Mcgrew Hill, New Delhi. | Khan M Jain. P.K (2016)

R2: Financial Management | Edition: 6 | Vikas Publishing House | IMPandey (2011)

R3: Fundamentals of financial Management Practice | Edition: | Pearson
Education, Delhi | Vanhorne, J.G J.M. Wachowicz (2010)

CourseTitle	: PHPand MySQL	CourseCode: 53E
Semester	: V	CourseGroup: DSE-III
TeachingSchemeinHrs(L:T:P): 4:0:0		Credits: 4Credits
MapCode	: E(THEORYROGRAMMING)	TotalContactHours: 60Hrs
CIA	: 25 Marks	SEE #: 75Marks
Programme	: B.COM(CA)&(IT)	#- SemesterEnd Exam

No.	CourseOutcome(Cos):After completionofthiscourse,thestudents will be able to	PSOs	Cl. Ses	Bloom's taxonomy
CO1	IllustratetheconceptsofServerSideweb Development	PSO1	8	AP
CO2	ApplythecodetoPHP application	PSO1	12	AP
CO3	DeveloptheknowledgeonRelationaldatabase andMysqldbatabase	PSO1	12	AP
CO4	Illustratetoworkwithformdata	PSO1	12	AP
CO5	ApplytheknowledgeonMVCpatterns & DebuggingPHPApplications	PSO1	16	AP

UNIT-I

LECTUREHOURS:8

Introduction to web development with PHP :The architecture of a web application (How a client-server architecture works, How static web pages are processed, How dynamic web pages are processed,A survey of web application software. Highlights in the history of PHP, Highlights in the history of MySQL) - **The Product Discount application** (The user interface, The HTML file, The CSS file, The PHP file) - **Howto edit and test a PHP application** (How to edit a PHP page with a text editor, How to start and stop Apache and MySQL on your own computer, How to deploy a PHP application, How to run a PHP application, How to test and debug a PHP page, Howto view the source code for a web page) - **How to use NetBeans to develop a PHP application** (How to work with PHP projects and files, How to edit and testa PHP application , How to importand configure a PHP project) – Practical : PHP and MySQL Programs(PHP and MySQLPrograms).

UNIT-II

LECTUREHOURS:12

How to code a PHP application : Basic PHP skills (How to embed PHP in HTML, How to code comments and statements. The six PHP data types, How to declare variables and constants) - How to get data from a request (How to use the built-in \$_GET array, How to use the built-in \$_POST array, When to use the HTTP GET and POST methods.) - **How to work with data** (How to code string expressions, How to code echo statements, How to code numeric expressions, How to use the compound assignment operators, How to use some built-in functions. How to use the filter_input() function) - **The Product Discount application** (The user interface, The form in the HTML file, The PHP file.) - **How to code control statements** (How to code conditional expressions. How to code if statements, How to code while and for statements, How to pass control to another page.) - **The Future Value application** (The user interface, The code for the index.php file, The code for the display_results.php file) - **How to use the PHP documentation** (How to access the PHP manual. How to find the documentation you need)

UNIT-III

LECTUREHOURS:12

Introduction to relational databases and MySQL : An introduction to relational databases (How a database table is organized, How the tables in a relational database are related, How the columns in a table are defined) - **The SQL statements for data manipulation** (How to select data from a single table, How to select data from multiple tables, How to insert, update, and delete data) - **An introduction to MySQL** (What MySQL provides, Two ways to work with MySQL) - **How to use phpMyAdmin** (How to start phpMyAdmin, How to log in, log out, and change your password, How to import and run a SQL script that creates a database, How to review the data and structure of a table. How to run SQL statements, How to create users with limited privileges)

UNIT-IV

LECTUREHOURS:12

How to use PHP with a MySQL database : PHP for working with MySQL (How to connect to a MySQL database, How to execute SELECT statements, How to execute INSERT, UPDATE, and DELETE statements, How to use a Try/Catch statement to handle exception) - **How to get data from a result set** (How to work with Arrays, How to get data from the first row of a result set, How to work with all the rows of a result set.) - **The Product Viewer application** (The user interface, The code) - **The Product Manager application** (The user interface, The code)

UNIT-V

LECTUREHOURS:16

How to use the MVC pattern to organize your code: How to use the MVC pattern (An introduction to the MVC pattern, How to code functions. How to redirect requests) - **The ProductManager application** (The user interface, The model, The controller. The view) - **The Product Catalog application** (The user interface, The model, The controller, The view) - **How to test and debug a PHP application : An introduction to testing and debugging** (Typical test phases for a PHP application, The three types of errors that can occur, Common PHP errors, An easy way to trace the execution of your PHP code.) - **How to debug with Xdebug and NetBeans** (How to set and remove breakpoints, How to step through code, How to inspect variable, How to inspect the stack trace)

TEXTBOOK:

T1. Joel Murach and Ray Harris, Murach's PHP and MySQL, Murach publication, 3rd edition, 2010

REFERENCES:

- R1. W. Jason Gilmore, Beginning PHP and MySQL: From Novice to Professional, Third Edition, 2008.
- R2. Luke Welling, Laura Thomson, PHP and MySQL Web Development, Pearson Publication, Fourth Edition, 2011.
- R3. Michael Glass, Yann Le Scouarnec, Elizabeth Naramore, Gary Mailer, Jeremy Stolz, Jason Gerner, PHP, Apache, MySQL® Web Development, Wiley Publishing, Inc, 2004.

CourseTitle : PHP and MySQL	CourseCode: 53E
Semester V	CourseGroup: DSE -III
TeachingSchemeinHrs(L:T:P): 0:0:4	Credits: 2Credits
MapCode : G(PRACTICAL-PROGRAMMING)	TotalContactHours: 60Hrs
CIA : 40 Marks	SEE#: 60 Marks
Programme : B.COM(CA)	#-SemesterEndExam

ProgramList:

1. BuildtheProduct Discount application
2. EnhancetheFutureValueApplicationto displaytheresult onsamepage
3. EnhancetheProductManagerApplication
4. EnhancetheGuitarShopApplication
5. Productcatalog Application
6. ProductviewerApplication
7. Productmanager Application
8. CreatePHPprogramforusingGETArray
9. CreatePHPprogramforusingPOSTArray
10. CreatePHPprogramforRelationalandlogicaloperators
11. CreatePHP program forStrings
12. CreatePHP programforNumbers
13. CreatePHP program forBuiltinFunctions
14. CreatePHP program forWhile loop
15. CreatePHP program forARRAY

TEXT BOOK:

1. JoelMurach and RayHarris,Murach'sPHPand MySQL,Murachpublication,3rd edition,2010

REFERENCES:

1. W.JasonGilmore,BeginningPHPandMySQL:FromNovicetoProfessional,Third Edition, 2008.
2. Luke Welling, Laura Thomson, PHP and MySQL Web Development, Pearson Publication, Fourth Edition,2011
3. Michael Glass,Yann Le Scouarnec,Elizabeth Naramore,Gary Mailer,Jeremy Stolz,JasonGerner,PHP,pache,MySQL®WebDevelopment,WileyPublishing,Inc,2004

CourseTitle: SOCIALMEDIAMARKETING(T)	CourseCode: 53E
Semester: V	CourseGroup: DSE-IV(EDC)
TeachingSchemein Hrs(L:T:P): 5:1:0	Credits 6
MapCode: C(THEORY-CONCEPT)	TotalContactHours: 90
CIA: 25Marks	SEE#: 75Marks
Programme: B.COM(CA)	#-SemesterEndExam

No	Course Outcome (Cos): After completionofthiscourse,thestudents will be able to	Pos	Cl.Ses	CL
CO1	Buildthe SocialMediaPlatformand its Evolution	PO1	18	U
CO2	ApplythenuancesofSocialMedia Platform - Facebook	PO1	18	AP
CO3	IdentifythenuancesofSocialMedia Platform - YouTube	PO1	18	U
CO4	DeveloptheSocialMedia Platform - LinkedIn	PO1	18	AP
CO5	ConstructhenuancesofSocialMedia Platform - Twitter, Instagram and Buffer	PO1	18	U

UNIT I

LECTUREHOURS:18

INTRODUCTIONTOSOCIALMEDIA:BasicsofSocialMedia(ofSocialMedia,Internet and Mobile technological advancement for Continued Success.) - **Social Media Platform** (Meaning of Platform, Fundamentals of Social Media Platform - parties involved, value exchange, etc.,Factors for Success.)- **Evolution of Social Media** (First Successful Social Media - Orkut, Evolving features of Social Media)-**Sharing Phenomena** (What is sharing? Virality ofContent)

INTRODUCTION TO SOCIAL MEDIA MARKETING: Meaning of Social Media (What is marketing? Needs of Social Media Marketing.) - **Elements of Social Media Marketing** (Listening (Research) Content Marketing (Content Creation and Curation) Engagement (Community Management) Promotion (Advertising) Measurement (Metrics, KPIs, and Analytics.) - **Importance of Social Media Marketing** (Total number of Social media users, engagement details of social media, most important social platforms, benefits of social media marketing (Improved brand awareness, Cost-effective, Engage with your customers, Improvedbrand loyalty, Healthier customersatisfaction.)

UNIT II

LECTURE HOURS:18

FACE BOOK: Introduction of Face Book (FB Beginning, How they acquired first 5 million customers, evolution.) - **Face Book Statistics** (#number, # Engagement, # Ad spent) **Nuts and Bolts of Face Book** (Personal Profile- Business Page- Post- News Feed.) - **Edge Ranking Algorithm** (Post ranking - need, method, and advancement.) - **Each post is different** (Types of posts, kind of engagement, purpose of post.)-**Successful Face book page examples** (Nike, Nutella, Intrepid Travel, the anonymous writer, FB celebrities.)

FACE BOOK MARKETING: Introduction to Facebook Marketing (Meaning and Needs of Facebook Marketing.)-**Introduction to Facebook Ads** (Creating Advertising to your product and insert videos in Face book.) - **Run and analyze a FB Ad** (Create an ad using fb ad manager, run the ad and analyse for impact).

UNIT III

LECTURE HOURS:18

YOUTUBE: Introduction to YouTube (Meaning of YouTube, Strategies and tactics for success.)-**YouTube Statistics**(#number,#Engagement,#Ad spent.)-**YouTube Channels**(How to create YouTube Channel, How to make it a success. Example: Will it blend.) -**Different kinds of YouTube video** (- Educational, informational, self-development, entertainment, sports, live videos, conferences.)**How to optimize YouTube videos** (Steps to Create the Videos in YouTube, steps to optimize, Kaladhar Granites Example.)-**Top 10 YouTube Channels in 2018**(ChuChuTV, Technical Guruji, Actor Varun Paruthi, Being Indian, VahChef, etc.)

YOUTUBE MARKETING: Introduction to Youtube Marketing (Meaning and Needs of Youtube Marketing.)-**Run and analyze a Youtube Ad** (Create an ad using you tube ad manager, run the ad and analyse for impact.)

UNIT IV

LECTURE HOURS:18

LINKEDIN: Introduction to LinkedIn (Meaning, Importance of LinkedIn, basics of LinkedIn.)

- **Linked Statistics** (#number, # Engagement, # Ad spent.) - **Evolution of LinkedIn** (- History, Story of LinkedIn.) - **LinkedIn profile** (How to Create Personal and Business profile in LinkedIn.)

- **LinkedIn profile page**(Add your industry and location Add dates to your work experience Upload a profile photo Add your most recent position and job description Add employment dates to your Experience section Fill out the Education section.) - **Developing effective LinkedIn profile**(Present your best self (ie), pick your niche and stick to it, tell your story, share rich media, focus on keywords, list your skills and get endorsed.)-**LinkedIn Connection**(3 levels of LinkedIn connections, importance.) - **LinkedIn groups** (What is LinkedIn Group, how do I join the right group.) - **Using LinkedIn for finding Connection** (How to find relevant contact for career advancement.)**Using LinkedIn for Industry analysis** (How to find appropriate industry leader, learn to extract industry insight.)

LINKEDIN MARKETING: Introduction to LinkedIn Marketing(Meaning and Needs of LinkedIn Marketing.)-**Run and analyze a Linked Ad**(Create an ad using LinkedIn ad manager,

runthead andanalyse for impact.)

UNITV

LECTUREHOURS:18

INSTAGRAM:IntroductiontoInstagram(MeaningandHistory.)-**InstagramStatistics,Basic of Instagram** (#number, # Engagement, # Ad spent, Photo sharing, how is it different from facebook or pinterest.) - **Famous Instagram accounts** (What becomes hit in Instagram, top Instagram celebrities.)

TWITTER: Introduction to twitter (Meaning and History.) - **Statistics of Twitter**(#number, # Engagement,# Adspent.)-**Twitter profile, Getting TwitterFollowers** (Creating Twitter profile Steps, Strategies to get more followers.) - **Run and analyze a Twitter Ad** (- Create an ad using Twitter ad manager, run the ad and analyse for impact.)

BUFFER: Introductions of buffer (Meaning and History.) **Meaning and History**(Learn to schedule social media posts.)

TEXTBOOK:

T1:FacebookMarketing|Edition:|,Wiley IndiaPvt.Ltd,NewDelhi|ChrisTreadwayMari Smith(2018)

REFERENCEBOOK:

R1:HowtoTell YourStoryinaNoisySocialWorld|Edition:2013|HarperBusiness|Gary Vaynerc

CourseTitle:COLLEGETOCORPORATE-I	CourseCode:-
Semester:V	CourseGroup:SEC G– A- 1
TeachingSchemeinHrs(L:T:P):2:0:0	Credits:2
MapCode:B(Language Usage)	TotalContactHours:30
CIA :50 Marks	SEE# :-
Programme:IIIUG–PlacementTargetStudents	#-SemesterEnd Exam

No.	Course(COs): After completion of this course, the students will be able to	POs	Cl. Ses	CL
CO1	Introduce themselves during personal interviews and perform decently during telephonic and virtual interviews	PO4	6	AP
CO2	Behave well and maintain proper body language during interviews.	PO4	5	AP
CO3	Perform better in verbal aptitude in the areas of sentence correction and analogy.	PO2	6	U
CO4	Write essays better in the placement selection process and also exhibit speaking skills confidently.	PO2	6	R
CO5	Display enhanced performance in group discussions and be able to answer commonly asked HR questions.	PO2	7	AP

UNIT:I

LECTURE HOURS:6

Self-Introduction: Introduction to Self Introduction and its importance in a Job Interview, Working with Self-Introduction Format, Creating an impressive Self-Introduction and sharing it in class, Practicing to introduce oneself using Self-Introduction script. **Telephonic Interview and Virtual Interview:** Importance of telephonic/virtual interview, preparing to give a telephonic/virtual interview, do's and don'ts of telephonic/virtual interviews, practice.

UNIT:II

LECTURE HOURS:5

Grooming Etiquettes: Understanding the importance of grooming and etiquettes in work place, How to groom for a job interview, developing outer and inner personality, learning professional etiquettes. **Body Language:** Importance of body language in communication and in job interview, how to develop a positive body language, do's and don'ts of body language during GD and Job Interview, practicing constructive body language.

UNIT:III**LECTUREHOURS:6**

Verbal Ability: Sentence Correction (Finding the error in a given sentence and understanding the reason behind the error) – Verbal Analogy (Choosing the option which has the same relationship as asked in the question) -Practice (Solving sample verbal aptitudequestion from interviewtest papers).

UNIT:IV**LECTUREHOURS:6**

Essay Writing: Structure of an Essay & Types of Essays - Constructing an essay using Introduction, Body, and Conclusion - Practicing to write essays on various topics. **Speak-up :**Learning to speak impromptu using the technique of **JAM** (Just A Minute) - objective and rules of JAM - key elements of success in JAM.

UNIT:V**LECTUREHOURS:7**

HR Interview Process: Understanding the Interview Process - Getting ready for the HR round (Grooming and mannerism) - FAQs in Job Interview - How to answer the questions asked in a Job Interview - Impressing the interviewer with your performance. **Group Discussion (GD):** Why Group Discussion is conducted? - Understanding the GD format, getting over the fear of GD, preparing for GD – What to say and how to say, do's and don'ts of GD - practicing to win the GD round.

TextBook

- VerbalAbility|Edition:4 |KavithaOffset Printers |RVSTraining Academy (2018)

ReferenceBooks

- InterviewGuide |RVSTraining&PlacementDivision(2019)
- PersonalityDevelopment&SoftSkills|Edition:2|OxfordUniversityPress|BarunKMitra(2016)
- RobertMSherfield,RhondaJ.Montgomery,PatriciaG.Moody,CornerstoneDevelopingSoftSkills, fourth Edition, Pearson Education, 2010.

AssessmentPatten:MockInterviewandModelExam

CourseTitle: PLACEMENT-COLLEGETO CORPORATE-II	CourseCode : 54B
Semester: V	CourseGroup : SEC- GI -A- 2
TeachingSchemeinHrs(L:T:P): 2:0:0	Credits : 2 Credits
MapCode: F(PROBLEM-ANALYSIS)	TotalContactHours: 30
CIA: 50Marks	SEE# :
Programme: IIIUG-PlacementTargetStudents#-SemesterEnd Exam	

No	CourseOutcome(Cos):Aftercompletionofthis course, the students will be able to	POs &PS Os	CL.S es	Bloo m's taxon omyle vel
CO1	Recall the Numbers, H.C.F and L.C.M and apply the problems on number simplification and the ability to face the test and interview conducted by different companies and succeed.	PO5&PO6	6	AP
CO2	Understand and Solve the Ratio, Proportions, Profit & Loss, Problems on ages, and also prepare to appear in different competitive exams.	PO5&PO6	6	AP
CO3	Illustrate the Percentage, Simple and Compound Interest, Permutation and Combination and solve them.	PO5&PO6	7	AP
CO4	Solving Time and work, Data Interpretation, Blood Relation and learning different Analytical techniques.	PO5&PO6	5	AP
CO5	Practice the problems on Trains, Time & distance, Boats & streams and Syllogism It will enhance students problem solving skill.	PO5&PO6	6	AP

UnitI

LECTURE HOUR:6

Numbers – HCF, LCM of numbers (Test of divisibility and Factors and Multiples) – Problems on numbers Simplifications (Short cut methods) – Average (Important Facts and Formulas) – Number Series (Simple Problems).

UnitII

LECTURE HOUR:6

Ratio and Proportions (Ratio of two quantities, the equality of two ratios and Variation) – Profit and Loss (Important facts such as Cost Price and selling Price) – Chain Rule – Problems on Ages (Related problems)

Unit III**LECTURE HOUR:**

Percentage (Concept of Percentage) - Simple Interest – Compound Interest (Important facts such as principal and interest) – Permutation and Combination (Related problems).

Unit IV**LECTURE HOUR: 5**

Time and Work (Important facts and formulas) – Data Interpretation – Blood Relation (Related problems)

Unit V**LECTURE HOUR: 6**

Time and distance (Important facts such as speed, Distance, time and ratio between them) – Problems on trains (Related problems). – Boats and streams (Simple Problems) – Syllogism (Related problems).

ASSESSMENT

Objective type Question pattern – Paper pencil test / Online – Time based test.

TEXTBOOK: Agarwal, R. S. Quantitative Aptitude for Competitive Examinations, S. Chand Limited, 2011.

REFERENCE BOOKS:

1. Abhijit Guha, Quantitative Aptitude for Competitive Examinations, Tata McGraw Hill, 3rd Edition, 2011.
2. Edgar Thrope, Test Of Reasoning for Competitive Examinations, Tata McGraw Hill, 4th Edition, 2012.

CourseTitle:ENTERPRISERESOURCEPLANNING	CourseCode :5HG
Semester : V	CourseGroup : Core
TeachingSchemeinHrs(L:T:P):4:0:0	Credits : 4Credits
MapCode :C(THEORY-CONCEPT)	TotalContactHours:48
CIA :25 Marks	SEE :75Marks
Programme:B.COM(CA)	#-SemesterEndExam

No	CourseOutcome(Cos):Aftercompletionof this course, the students will be able to	Pos &PSOs	Cl.Ses	CL
CO1	IdentifythebasicfunctionsofERP,integrated data model and its evolution	PSO1	20	AP
CO2	ConstructhowtoimplementtheERP package	PSO1	15	AP
CO3	ExplainthebenefitsofERP	PSO1	10	U
CO4	Develop therelatedtechniquesof ERP	PSO1	05	AP
CO5	Compareadvancetechnology and CurrentERP security	PSO1	10	U

UNIT I

LECTURE HOURS:10

ENTERPRISE-An overview:Basic functions and business process (Various Business Processes)

- Integrated management information (Three Characteristics) - Role of the enterprise (Various factors) - Business modelling (Real world and the business model) - Integrated data model (Data model).

Business processes: Major business processes (buy, make, sell and inventory management process).

UNIT II

LECTURE HOURS:10

INTRODUCTION To ERP :Common ERP MYTHS (Most common myths) -Evolution of ERP (Evolution of ERP) -Reasons and advantages of ERP (various reasons and benefits) - Future of ERP packages (Future aspects).

BASIC ERP CONCEPTS: Importance of ERP (important factors)- Growth of ERP market (various ways to grow ERP market) -Value creation of ERP (different ways to facilitate value creation) -ERP architecture (main frame, two tier, three tier architecture).

UNIT III

LECTURE HOURS:10

JUSTIFYING ERP INVESTMENTS: Quantifiable benefits from an ERP system (ERP performance analysis) -Intangible effects of ERP (Intangible or non- financial benefits) -Other factors (major factors justifying ERP investments).

RISKS OF ERP :Risks (various risks of ERP) - Implementation issues (various Implementation issues)-UniquerisksofERP projects (Failure)-ManagingriskonERP projects (stepstomanagerisk).

UNIT IV**LECTURE HOURS: 9****BENEFITS OF ERP:** Benefits (tangible and intangible benefits).

ERP and related technologies: Business process reengineering (concepts) - Business intelligence (BI tools and systems) - Business analytics (examples of BA) - Data warehousing, data mining (features) - Online analytical processing, product life cycle management (meaning, features) - Supply chain management, customer relationship management (features) - Geographic information systems (intranet and extranet).

UNIT V**LECTURE HOURS: 9**

Ethical and security management in ERP - Introduction - Needs - Steps involved in ERP security system - (ERP middleware) Types of ethical issues in ERP security Management (Data Management). Advanced technology and current ERP security: Introduction - Benefit of ERP Security System - Computer crimes (types of computer crimes)

Text Books:

T1: Enterprise resource planning | Edition: Edition: 3 | McGraw Hill Education (India) private limited | Alexis Leon (2014)

REFERENCE BOOK:

R1: Enterprise Resource Planning by Rajesh Ray

CourseTitle : COSTANDMANAGEMENTACCOUNTING(T)	CourseCode : 63P
Semester: VI	CourseGroup : DSC-XI
TeachingSchemeinHrs(L:T:P): 4:0:0	Credits : 4
Map Code : C(THEORY CONCEPTS)	TotalContactHours: 60
CIA : 25Marks	SEE : 75Marks
Programme: B.COM(CA)	#-SemesterEnd Exam

No.	CourseOutcome(Cos)After completion of this course, thestudents will be able to	PSOs	Cl. Ses	Bloom's TaxonomyLevel
CO1	Understand the meaning of cost andcompute the cost sheet for manufacturing concerns.Explain the role of the managerial accounting as a part of the management team,compare and contrast financial & management accounting and cost & management accounting	PSO3	10	U
CO2	Apply the procedures for material handling and prepare stores ledger.	PSO3	10	AP
CO3	Compute the wages and incentives for workers and allocation of overheads by using primary and secondary distribution.	PSO3	14	AP
CO4	Analyze financial statements and other financial data by using the tools of comparative statement, common size statement and trend analysis.Examine the performance of a company with the help of analysis and interpretation of ratios.	PSO3	14	AP
CO5	Analyze the important three activities of cash flow statement.Apply the tools cost-volume-profit analysis to find a break-even point and for preliminary profit planning.	PSO3	12	AP

UNIT I

LECTURE HOURS:10

COST ACCOUNTING: Introduction and Objectives (Accounting for cost. Objectives: Cost control and cost reduction.) - **Scope of cost accounting** (planning, decision making and controlling, Scope of cost audit. role of cost accounting departments in organization, cost accounting with information technology.) - **Advantages & limitations of cost accounting** (Advantages: To the management, employees, and creditors, public. Limitations: costly, historical data, based on estimation, improper classification). **Cost analysis** (Cost concepts, classification of cost, methods and techniques of costing.) - **Installation and Essentials of costing system** (Objectives, nature of business, organization hierarchy, knowing the product, knowing the production process, information, method of maintenance, and statutory compliances. essentials- simple, accurate, uniformity and consistency, integrated and inclusive, flexible and trust.)- **Cost sheet** (Elements of cost - Material cost, Labour cost and Overheads)

MANAGEMENT ACCOUNTING: Introduction and Objectives of Management accounting (Meaning, Definition Objectives: Planning, controlling, organizing, interpreting, making decisions and reporting Nature: providing information, cause and effect, use of special techniques and concepts, decision making, achievement of objectives, increase in efficiency, supplies information.) - **Scope of Management Accounting** (Financial Accounting, cost accounting, financial management, budgeting and forecasting, Inventory control, reporting to management, interpretation of data, internal audit and Tax accounting.)

- - **Functions, Importance and Limitations of Management Accounting** (functions: planning, modification of data, financial analysis and interpretation, communication, coordinating and helpful in taking strategic decisions. Importance: increase efficiency, proper planning, and improve service to customers. Limitations: Based on accounting information, lack of knowledge, intuitive decisions, not an alternative, heavy structure, personal bias and psychological resistance). **Financial Accounting Vs Management Accounting & Cost Accounting** (Distinction: object, nature of information used, subject matter, compulsion, interpretation of data, reporting accounting principle, period, publication and audit)

UNIT II

LECTURE HOURS: 10

MATERIAL COST: Meaning (meaning and definition of material and material control – A systematic control over purchase, storage and control.) - **Materials procurement procedures** (purchase requisition, selecting supplier, following up delivery, receiving and inspection) - **Material storage and records** (duties of store keeper, and stores records) - **Inventory control** (Techniques: perpetual inventory system, ABC analysis, JIT, VED, HML and FSN.) – Economic Order Quantity (meaning, assumptions and accounting treatment) - **Levels of stock** (Re-order, minimum, Maximum, average and danger levels) - **Inventory accounting** (Introduction, consumption - cost centers, Basis for consumption entries.) - **Methods of pricing material issues** (FIFO, LIFO, HIFO, Base stock, Simple interest, weighted average, standard price methods) - **Material losses** - Control of wastage, scrap, spoilage and defectives.

UNIT III

LECTURE HOURS: 14

EMPLOYEE COST: Meaning and types (Direct employee and indirect employee) – **Employee cost control** (Personal, engineering, time keeping, payroll and cost accounting departments.)- **Attendance & payroll procedures** (Time keeping and time booking methods and payroll procedure) - **Over time and idle time** (Meaning, causes and accounting treatment) - **Utilization of human resources** (Direct and indirect employee cost) - **Employee turnover** (Meaning, reason and measurement of employee turnover) - **Employee cost** (Meaning, concept and accounting treatment) - **Systems of wage payment and incentives** (Time rate, Piece rate, Halsey plan, Rowan plan, Taylor's differential piece rate system, Merrick multiple piece rate system).

OVERHEADS: Meaning and classification (aggregation of indirect material, labour and other expenses. classification by function, nature, elements, and control, accounting and control of manufacturing overheads. administrative overheads, selling and distribution overheads) – **Steps for distribution of overheads** (estimation, allocation, apportionment and re-apportionment of overheads) - **Absorption of overheads** (under absorption and over absorption and their accounting treatment. methods of absorbing overheads- Percentage of direct material, Percentage of direct labour cost, Percentage of prime cost, Labour hour rate, Machine hour rate and rate per unit of output. Types of overhead rates.)- **Primary and Secondary distribution summary** (meaning, basis and direct re-distribution, step method, repeated distribution method, simultaneous equation method and trial and error method. Machine hour rate - Meaning and procedure) - **Research and Development cost** - Treatment of research and development cost in cost accounting

UNIT IV

LECTURE HOURS: 14

TOOLS OF FINANCIAL STATEMENTS ANALYSIS : Financial statement Analysis (Meaning and concepts Objectives: To assess earning capacity, Operational efficiency, Solvency position, To identify the reasons for changes, Make inter firm comparison and help in decision making.) - **Tools of Financial Statements analysis** (Tools: comparative financial statements, common size statements, trend analysis, ratio analysis, cash flow analysis, fund flow analysis and cost volume profit analysis.)- **Problems** (Problems in Comparative statements, Common size statements and Trend Analysis

RATIO ANALYSIS: Meaning, significance and Limitations of ratio analysis (Meaning Significance: Helps in decision making, Financial forecasting and Planning, Communicating, Co-ordination, Other uses Utility to Shareholders. Limitations: Limited use of single ratios, Lack of adequate standards, Inherent limitations of accounting, Change of accounting procedure, Window dressing, Personal bias, Incomparable price level changes) - **Types / Classification of Ratio Analysis** (Liquidity Ratio, Efficiency ratios/Activity ratios, Long term Solvency ratios, Profitability ratios.) - **Liquidity Ratio** (Current ratio, Liquidity ratio and Absolute liquid ratio) - **Problems** (Problems in Liquidity Ratios) - **Long term Solvency ratios** (Debt -equity ratio, proprietary ratio, Ratio of total liabilities to total assets, Proprietors funds ratio and Fixed assets to long term funds) - **Problem** (Problems in Long term Solvency Ratios) - **Efficiency ratios/Activity ratios** (Inventory turnover Ratio Debtors turnover Ratio Creditors turnover Ratio Working capital turnover Ratio) – **Problems** (Problems in Activity Ratios) - **Profitability ratios** (Gross profit Ratio, Net profit Ratio, Operating profit Ratio, Operating Ratio and return on equity) - **Problems** - (Problems in Profitability ratios) – **Problem** (Problems in Consolidated Ratios and construction of Balance Sheet)

UNIT V

LECTURE HOURS: 12

CASH FLOW STATEMENTS: Meaning, and Classification (Inflows & outflows of cash flow from operating activities, investing activities financing activities) - **Uses and Limitations of Cashflow Statements** (Uses Evaluation of Cash position, Comparison, Planning the repayment of loan More useful to short term financial analysis Limitations Ignore the basic concept of accounting, Not suitable to judge the

profitability, It is not a substitute of fund flow statement and comparative study give misleading results) **Problems** (Preparation of Cashflow Statements).

MARGINAL COSTING AND BREAK EVEN ANALYSIS : Marginal costing advantages & disadvantages (Meaning Advantages: Simple to operate, Meaningful Reporting, Stock valuation, Profit Planning Helpful to Management accounting Disadvantages: Classification of cost, Not suitable for external reporting Lack of Long term Perspective, Under valuation of stock, Automation and Production reports ignored) - **Cost-volume** (Profit Analysis -Contribution and P/V ratio) – **Problems** (Problems in Contribution and P/V ratio) - **Break even analysis** (Meaning, Break even Chart) – **Problems** (Problems in breakeven analysis) - **Margin of safety** (Meaning, Significance and problems in Margin of safety) - **Applications of marginal costing**

(Applications of marginal costing: Limiting factor, Make or buy decision, Fixation of selling price, Export decision, Sales mix and Product elimination decision) –**Problems** (Problems in marginal costing).

TextBooks:

T1:CostAccounting|Edition:2|MarghamPublications|HARIPRASADREDDYAND T.S.REDDYY(2011)

T2: CostAccounting |Edition:2|TATA McGraw-Hill | A.MURTHY AND
S.GURUSAMY(2010)

T3:Management Accounting | Edition:1 | kalyani
publications|ShashiK.GuptaR.K.Sharama(2017)

ReferenceBooks:

R1:CostAccountingforCA-IPCC(Group-I)|Edition:RevisedEdition|S.Chand&Company
|CA(Dr)P.C.TULSIANANDCABHARATTULSIAN(2012)

R2: Costand ManagementAccounting | Edition:1 | Margham
publications|T.S.ReddyY.HariprasadReddy(2017)

Course Title : COST AND MANAGEMENT ACCOUNTING(P)	Course Code : 63P
Semester: VI	Course Group : DSC-XI
Teaching Scheme in Hrs (L:T:P): 0:0:4	Credits : 2
Map Code : G(PRACTICAL)	Total Contact Hours: 60
CIA : 25 Marks	SEE : 75 Marks
Programme: B.COM(CA) #-Semester End Exam	

UNIT I

PRACTICAL HOURS: 12

- 1. Problemsolving** (Problems in preparation of cost sheet)
- 2. PROJECT: Cost Sheet** (Collection of cost data's from a manufacturing concern to prepare cost sheet)
- 3. Practical-Reading an annual report for a listed entity-Parts of annual reports-Financial Highlights -Directors' Report-MDA Manage Discussion and Analysis**

UNIT II

PRACTICAL HOURS: 12

- 4. Problem solving** (Problems in EOQ, level of stock, methods of pricing material issues)
- 5. Project: Stores ledger** (Collection of stores ledger details from stores department of a manufacturing concern).

UNIT III

PRACTICAL HOURS: 12

- 1. Problem solving:** (Problems in over time, employee turnover, employee cost and Systems of wage payment and incentives.). AND (Problems in Primary, Secondary distributions summary and Machine hour rate).
 - 2. Project:** (Payroll - Collect payroll details from personal department of a manufacturing concern) AND collect and classify overhead details from a manufacturing concern;
- Problems- Problems in Comparative statements, Common size statements and Trend Analysis.**

UNIT IV

PRACTICAL HOURS: 12

- 3. Problemsolving** (Preparation of process accounts; Problems in operating costing; Problems in contract account). Problems in Liquidity Ratios, Long term Solvency Ratios, Activity Ratios and Profitability ratios.

PRACTICAL- Analysis and Interpretation of Sectors using Financial Ratios.

UNIT V

PRACTICAL HOURS: 12

Problems- Preparation of Cash Flow Statement and marginal costing

PRACTICAL- Analysis of company Annual report

Text Books:

T1: Cost Accounting | Edition: 2 | Margham Publications | HARIPRASAD REDDY AND T.S. REDDY (2011)

T2: Cost Accounting | Edition: 2 | TATA McGraw-Hill | A. MURTHY AND S. GURUSAMY (2010)

T3: Management Accounting | Edition: 1 | kalyani publications | Shashi K. Gupta R.K. Sharama (2017)

Reference Books:

R1: Cost Accounting for CA-IPCC (Group-I) | Edition: Revised Edition | S. Chand & Company | CA (Dr) P.C. TULSIAN AND CABHARAT TULSIAN (2012)

R2: Cost and Management Accounting | Edition: 1 | Margham publications

Course Title: INDIRECT TAXES(T)	Course Code : 63B
Semester VI	Course Group : DSC XII
Teaching Scheme in Hrs: (5:1:0)	Credits : 6
Map Code: C(THEORY-CONCEPT)	Total Contact Hours : 60
CIA: 25 Marks	SEE# : 75 Marks
Programme: B.COM(CA) # - Semester End Exam	

No	Course Outcome (Cos): After completion of this course, the students will be able to	PSOs	CLs	CL
CO1	To give the students a general understanding of the GST law in the country and provide an insight into practical aspect of GST and equip them to become tax practitioners.	PSO 1	12	U
CO2	To understand the Constitutional frame work Time and Value of Supply	PSO1	12	AP
CO3	To orient the students on the procedures of input tax credit and formalities to be adhered with regard to GST profiles.	PSO2	12	AP
CO4	To familiarize with GST Registration, Concept of negative list, Declared list, impact of bundled services, Exemption to small to small services provider.	PSO1	12	AP
CO5	To give insight on the E-way bill, E-payment of GST. and make them to be a tax consultant in preparing the tax planning, Customs duty.	PSO1	12	AP

UNIT I

LECTURE HOURS: 12

GST IN INDIA AN INTRODUCTION: Meaning and Background of Tax. Direct and Indirect Taxes, Features of Indirect Taxes & Difference between Direct and Indirect Taxes (Introduction and levy of tax & Meaning of Direct and Indirect taxes. Features: Regressive in nature, sources of revenue, shifting burden, tax on commodities and services, wide tax base and promote social welfare. Differences: Nature, scope, types, shifting of burden of tax, incidence of tax and rate of tax) - **Concept of GST & Need for GST in India & Taxes subsumed under GST Act 2017** (Concept: Value added tax, continuous chain of tax credits, burden borne by final consumer and no cascading of taxes. Need: Deficiencies in the existing value added taxation and cure for ills of existing indirect tax regime & Taxes Subsumed under GST Act 2017: Central levies and state levies to subsumed) - **Framework Of GST as introduced in India & Benefits of GST** (Framework: Dual GST, subsuming of taxes, CGST/SGST/UTGST/IGST, legislative framework, classification of goods & services, registration,

composition scheme, exemptions, manner of utilization of ITC, seamless flow of credit, GST common portal and GSPs/AASPs. Benefits: Creation of unified national market, mitigation of ill effects of cascading, elimination of multiple taxes and double taxation, boost to 'Make in India' initiative and buoyancy to the government revenue) - **Constitutional Provisions & Exemptions From GST** (Constitutional provisions: Article 265, 245, 246, 246(A), 269(A), 279(A), 366 (12A), 366(26A), 366(26B)

& seventh schedule to Article 246. Exemptions: Meaning, provisions and Goods exempted from tax).

manner of utilization of ITC, seamless flow of credit, GST common portal and GSPs/AASPs. Benefits: Creation of unified national market, mitigation of ill effects of cascading, elimination of multiple taxes and double taxation, boost to 'Make in India' initiative and buoyancy to the government revenue) -

Constitutional Provisions & Exemptions From GST (Constitutional provisions: Article 265, 245, 246, 246(A), 269(A), 279(A), 366 (12A), 366(26A), 366(26B)

& seventh schedule to Article 246. Exemptions: Meaning, provisions and Goods exempted from tax).

CHARGE OF GST : Introduction & Definitions (Introduction: Tax base, intra- state supply and inter- state supply. Definitions: Goods, services, aggregate turnover, business, consideration, recipient, person, supplier, taxable supply, non -taxable supply and taxable person) m- **Extent & Commencement of CGST Act/SGST Act/ UTGST Act & Levy & Collection of CGST** (Extent & Commencement of Act: CGST Act/SGST Act/ UTGST Act. Levy & Collection of CGST: Provisions under Section 9 of the CGST Act) - **Composition Levy** (Provisions under Section 5 & Section 10 of the CGST Act) - **Extent and Commencement of IGST & Levy & Collection of IGST** (Extent and Commencement of IGST : Provisions under Section 1 of the CGST Act. Levy & Collection of IGST: Provisions under Section 5 of the CGST Act).

UNIT

LECTURE HOURS: 12

SUPPLY UNDER GST : Introduction & Definitions (Introduction: Goods, services, taxable event and supply. Definitions: Goods, services, agent, business, principal, manufacture and taxable territory) - **Concept of Supply** (Provisions under Section 7 of the CGST Act) - **Composite and Mixed Supplies** (Provisions under Section 8 of the CGST Act).

TIME AND VALUE OF SUPPLY : Time of Supply - Introduction & Definitions (Introduction: Point in time when the liability to pay tax arises. Definitions: Associated enterprises, documents, goods, services, recipient and voucher) - **Time of Supply of Goods** (Provisions under Section 12 of the CGST Act) - **Time of Supply of Services** (Provisions under Section 13 of the CGST Act) - **Value of Supply Introduction & Definitions** (Introduction: Value of supply. Definitions: Goods, services, consideration, cess, market value, money, supplier and voucher) - **Statutory provisions for Value of Supply** (Provisions under Section 15 of the CGST Act).

UNIT III

LECTURE HOURS: 12

INPUT TAX CREDIT: Introduction & Definitions (Introduction: seamless credit on goods and services across the entire supply chain with some exceptions. Definition: Capital goods, exempt supply, input, input service, input tax & input tax credit) - **Eligibility and conditions for taking input credit** (Provisions under Section 15 & section 16 of the CGST Act).

REGISTRATION: Introduction & Definitions (Introduction: No centralized registration, one registration per state based on PAN. Definitions: Common portal, council, place of business, agriculturist, appellate authority, appointed day, electronic credit ledger, exempt supply, fixed establishment. Principal place of business, proper officer, registered person and tax period) - **Persons Liable for Registration & Persons Not Liable for Registration & Compulsory Registration in Certain Cases** (Provisions under Section 22 & Section 23 of the CGST Act. & Provisions under Section 24 of the CGST Act) - **Compulsory Registration in Certain Cases & Procedure for Registration** (Provisions under Section 24 & Section 25, 26 & 27 of the CGST Act)

- **Amendment of Registration [Section 28]** (Provisions under Section 28 of the CGST Act)

- **Cancellation of Registration and Revocation of Cancellation** (Provisions under Section 29 & Section 30 of the CGST Act).

RETURNS: Introduction & Definitions (Introduction: Determination of tax liability by filing of GST returns. Definitions: Credit note, debit note, electronic cash ledger, electronic credit ledger, tax invoice, inward supply, outward supply, return and valid return) – **Furnishing Details of Outward Supplies & Inward Supplies** (Provisions under Section 37 & Section 38 of the CGST Act) - **Furnishing of Returns, Special Returns & First Returns** (Provisions under Section 39 & Section 40 of the CGST Act) - **Claim of Input Tax Credit [Section 41] & Matching Reversal and Reclaim of Input Tax Credit [Section 42]** (Provisions under Section 41 & Section 42 of the CGST Act) - **Matching, Reversal and Reclaim of Reduction in Output Tax Liability [Section 43]** (Provisions under Section 43 of the CGST Act) - **Annual Return [Section 44], Final Return [Section 45] & Default in Furnishing Return [Sections 46 & 47]** (Provisions under Section 45, Section 46 & Section 47 of the CGST Act) - **Goods and Services Tax Practitioners [Section 48]** (Provisions under Section 48 of the CGST Act).

UNIT IV

LECTURE HOURS: 12

TAX INVOICE, CREDIT AND DEBIT NOTES: Introduction & Definitions (Introduction: Commercial invoice, consular invoice, custom invoice and proforma invoice. Definitions: Credit note, debit note, continuous supply of goods & services and tax invoice) - **Tax Invoice** (Provisions under Section 31 of the CGST Act) - **Credit and Debit Notes** (Provisions under Section 34 of the CGST Act) - **Prohibition of Unauthorized Collection of Tax & Amount of Tax to be Indicated in Tax Invoice and other Documents** (Provisions under Section 32 & Section 33 of the CGST Act).

PAYMENT OF TAX: Introduction & Definitions (Introduction: Online payment of tax. Provisions of payment of tax under CGST Act have also been made applicable to ICST Act. Definitions: Central tax, state tax, integrated tax, input tax, input tax credit, output tax, valid return, taxable person and authorized bank) - **Payment of Tax, Interest, Penalty and Other Amounts** (Provisions under Section 49 of the CGST Act) - **Interest on Delayed Payment of Tax & Tax Wrongfully Collected and Paid to Central Government or State Government** (Provisions under Section 50 & Section 19 of the CGST Act)

UNITV

LECTUREHOURS:12

CUSTOMS DUTY: Introduction & Definitions (Introduction: Basic concepts, constitutional provisions & overview of the customs Law. Definitions: Export, import, Indian customs water and customs officer) - **Appointment of Gateway ports Charges & Exemptions from Customs Duties** (Appointment of Gateway ports, Charging provisions, pilferage , Transaction Value) - **Procedures under Customs** (Arrival and departure of conveyances, Clearance of Imported goods and export goods, goods in transit) - **Warehousing** (Types of warehouses , storage of goods , clearances from warehouses and Valuation of stores) - **Baggage** (Declaration , valuation and Baggage Rules, 1998) - **Valuation**(Valuation rules:Procedure, mechanismandorganizationforassessmentof customsduy) - **Searches, Seizure and Arrest, Confiscation and penalties, Offences and Prosecution** (Procedures for Search, Powers of arrest, Penalty for improper importation, Confiscation of Conveyances, evasionof duty, Cognizanceofoffences) -**Customs Tariff Act,1975** (Tariff:Customs duty, additional duty, safeguards duty and anti-dumpingduty).

TEXTBOOKS:

T1:GOODSANDSERVICE TAX(GST)|Edition:4|SAHITYABHAWAN PUBLICATIONS|Dr.H.C.MehrotraANDProf.V.P.Agarwal(2019)

REFERENCE BOOK:

R1: INDIRECT TAXATION | Edition:1 |SULTAN AND CHANDD.r. V. BALACHANDRAN(2017)

CourseTitle	: MasterPHPProgramming	CourseCode: 63C
Semester	: VI	CourseGroup: DSE-V
TeachingSchemein Hrs(L:T:P):	4:0:0	Credits: 4Credits
MapCode	: E(THEORYPROGRAMMING)	TotalContactHours: 60Hrs
CIA	: 25Marks	SEE#: 75Marks
Programme	: B.COM(CA)	#- SemesterEndExam

No.	CourseOutcome	PSOs	Cl. Ses	CL
CO1	Illustratetheknowledgetoexecuteaforminwebpage& Control statements and Strings and Numbers	PSO1	8	Ap
CO2	Usetheconceptsofarraywithdatecontrolinaweb page	PSO1	6	U
CO3	DemonstratetheknowledgeonCookiesandFunction	PSO1	12	Ap
CO4	Illustratetheconceptsofobject,methodsandproperties in web application	PSO1	12	Ap
CO5	Builttheknowledgetoworkwithexpressions, exception handling to validate data	PSO1	12	U

UNIT-I

LECTUREHOURS:14

How to work with form data: How to get data from a form (How to get data from text boxes, password boxes, and hidden fields, How to get data from a radio button, How to get data from a check box,Howto getdata from anarray ofcheck boxes,Howto getdata from a drop-downlist, Howto get data from a list box, How to get data from a text area)- **How to display data on a web page**(How to format special characters, How to format line breaks, How to display data with echo and print statements).**How to code control statements: How to code conditional expressions**(How to use the equality and identity operators, How to use the relational operators, How to use the logical operators)- **How to code the selection structures**(How to code if statements with else clauses, How to code if statements with else if clauses, How to use the conditional and null coalesce operators, How to code switch statements, How to use a switch statement in the controller)- **How to code the iteration structures**(How to code while loops, How to code do-while loops, How to code for loops, How to use the break and continue statements). **How to work with strings and numbers: How to work with strings** (How to create strings, How to use escape sequences, How to work with string length and substrings, How to search a string, How to replace part of a string , How to modify strings, How to convert strings to and from arrays, How to convert strings to and from ASCIIvalues, How to compare strings)- **How to work with numbers**(How to assign

integers, How to assign floating-point values, How to use the math functions, How to generate random numbers)- **Other skills for working with strings and numbers** (How to use the sprintf() function to format strings and numbers, How to convert strings to numbers)

UNIT-II

LECTURE HOURS:12

How to work with dates: How to use timestamps to work with dates (How to create and format timestamps, How to work with timestamps, How to use the strtotime() function, Examples of working with timestamps)- **How to use objects to work with dates**(How to use the DateTime class, How to use the DateInterval class, How to use the DateInterval and DateTime classes together, Examples of working with DateTime objects). **How to create and use arrays: How to create and use an array** (How to create an array, How to add and delete elements, How to work with variable substitution, How to use for loops to work with arrays)-**How to create and use an associative array**(How to create an associative array, How to add and delete elements, How to work with variable

substitution, How to use for each loops to work with arrays)- **How to use functions to work with arrays**(How to fill, merge, slice, and splice arrays, How to work with queues and stacks, How to get the sum and product of elements, How to search arrays, How to sort arrays, How to modify arrays)- **How to work with arrays of arrays**(Understanding an array of arrays, How to create and use an array of arrays)- **The Task List Manager application**(The user interface, The code for the controller, The code for the view).

UNIT-III

LECTURE HOURS:12

How to work with cookies and sessions: How to work with cookies (An introduction to cookies, How to set and get a cookie, How to enable or disable cookies) - **How to work with sessions** (Why session tracking is difficult with HTTP, How session tracking works in PHP, How to start a session, How to set and get session variables, How to manage a session, How to end a session) -**The Shopping Cart application**(The user interface, The controller, The model, The Add Item view, The Cart view). **How to create and use functions: Basic skills for working with functions** (How to create and call a function, How to pass arguments by value and by reference, How variable scope works, How to provide default values for parameters, How to work with type declarations, How to use variable-length parameter lists)- **How to create and use a library of functions** (A library of functions, How to set the include path, How function scope works, How to create and use namespaces) -**Advanced skills for working with functions**(How to work with variable functions and callbacks, How to work with anonymous functions, How to work with closures) - **The Shopping Cart application**(The user interface, The model, The controller, The view)

UNIT- IV

LECTUREHOURS:12

How to create and use objects: How to create and use classes (The code for the Category class, The code for the Product class, How to code properties, How to code constructors and destructors, How to code methods, How to create and use objects) - **How to code class constants, properties, and methods** (How to code class constants, How to code static properties and methods) - **The object-oriented Product Manager application** (The user interface, The model, The controller, The view) - **Additional skills for working with objects** (How to loop through an object's properties, How to clone and compare objects, How to inspect an object) - **How to work with inheritance** (How to inherit a class, How to use the protected access modifier, How to create abstract classes and methods, How to create final classes and methods, How to work with interfaces).

UNIT-V

LECTUREHOURS:10

How to use regular expressions, handle exceptions, and validate data: How to use regular expressions (How to create and use regular expressions, How to match characters, How to use the character class, How to create complex patterns, How to use look-ahead assertions, How to use a multiline regular expression, How to use a global regular expression, How to replace a regular expression with a string, How to split a string on a regular expression) - **How to handle exceptions** (How to create and throw exceptions, How to catch exceptions, How to catch errors, The Registration application, The user interface, The file structure, The model, The controller, The view, A long version of the Registration application).

TEXTBOOK:

T1. Joel Murach and Ray Harris, Murach's PHP and MySQL, Murach publication, 3rd edition, 2010

REFERENCES:

R1. W. Jason Gilmore, Beginning PHP and MySQL: From Novice to Professional, Third Edition, 2008.

R2. Luke Welling, Laura Thomson, PHP and MySQL Web Development, Pearson Publication, Fourth Edition, 2011.

R3. Michael Glass, Yann LeScouarnec, Elizabeth Naramore, Gary Mailer, Jeremy Stolz, Jason Gerner, PHP, Apache, MySQL® Web Development, Wiley Publishing, Inc, 2004.

CourseTitle	: MasterPHPProgramming	CourseCode:63C
Semester	: VI	CourseGroup: DSE-V
TeachingSchemeinHrs(L:T:P):	0:0:4	Credits: 2Credits
MapCodE	: G (PRACTICAL PROGRAMMING)	TotalContactHours: 60Hrs
CIA	: 40Marks	SEE#: 60Marks
Programme	: B.COM(CA)	#SemesterEndExam

LISTOFPROGRAMS

Project1:ImprovecontrollercodeProject2:ImprovedatehandlingProject3:Usesessions

Project 4:Use objects

Project5:Improvevalidation

TEXTBOOK:

T1.JoelMurachandRayHarris,Murach'sPHPandMySQL,Murachpublication,3rdedition,2010.

REFERENCES:

R1. W.JasonGilmore,BeginningPHPandMySQL:FromNovicetoProfessional,ThirdEdition,2008.

R2.LukeWelling,LauraThomson,PHPandMySQLWebDevelopment,PearsonPublication,Fourth Edition,2011.

R3.MichaelGlass,YannLeScouarnec,ElizabethNaramore,GaryMailer,JeremyStolz,JasonGerner, PHP,Apache,MySQL®WebDevelopment,WileyPublishing,Inc,2004

SEMESTER: VI

Course Title : INTERMEDIATE JAVA PROGRAMMING	Course Code : 23A
Semester: VI	Course Group : DSE- VI
Teaching Scheme in Hrs (L:T:P) : 4:0:0	Credits : 4
Map Code: E(THEORY PROGRAMMING)	Total Contact Hours : 60
CIA : 25 Marks	SEE # : 75 Marks
Programme: B.COM(CA)	# - Semester End Exam

No.	Course Outcome	PSOs	Cl. Ses	CL
CO1	Understand the Class fundamentals, Object declarations, Constructors and Stack class.	PSO1	12	U
CO2	Demonstrate the Concept of Overloading Methods, Recursion Arrays, String class and Varargs.	PSO1	12	AP
CO3	Illustrate the basics of Inheritance, Dynamic method dispatch, overriding concepts, packages, finding CLASSPATH and Access protection.	PSO1	12	AP
CO4	Implementing an Interface, Nested Interface and Static methods in interface.	PSO1	12	AP
CO5	Exhibit Exception handling fundamentals, Exception Types, Creating own exception and chained Exception.	PSO1	12	AP

UNIT-I : IntroducingClasses

LECTURE HOURS:12

Class Fundamentals: (The General Form of a Class, A Simple Class)- Declaring Objects: (ACloserLookatnew,AssigningObjectReferenceVariables)-IntroducingMethods : (AddingaMethod to the Box Class, Returning a Value, Adding a Method that takes Parameters)-Constructors: (Parameterized Constructors)- The this keyword : (Instance Variable Hiding)-GarbageCollection: (Thefinalize()method)-AStackClass.

Unit-II:A Closer Look at Methods and Classes

LECTURE HOURS:12

OverloadingMethods:OverloadingConstructors-UsingObjectsasParameters-AcloserlookatArgument passing- Returning Object- Recursion- Introducing Access Control- UnderstandingStatic- Introducing final, Arrays Revisited- Introducing Nested and Inner Classes- Exploring theString Class- Using Command-Line Arguments- Varargs: (Variable-Length Arguments:OverloadingVarargMethods,VarargsandAmbiguity)

Unit-III:Inheritance

LECTURE HOURS:12

Inheritance Basics - (Member Access and Inheritance, A more practical example)- A superclassvariable can reference a subclass object-Using super: (using super to Call superclassconstructors, a second use for super)- Creating a Multilevel Hierarchy- When Constructors areexecuted - Method overriding- Dynamic Method Dispatch: (Why Overridden methods?, ApplyingMethodOverriding)-UsingAbstractClasses-Usingfinalwithininheritance: (UsingfinaltopreventOverriding:UsingfinaltoPreventinheritance)-TheObjectclass.

Unit-IV:PackagesandInterfaces

LECTURE HOURS:12

Packages : (Defining a package, finding packages and CLASS PATH, A short package example)-Access Protection: (An access example)- Importing packages- Interfaces: (Defining an interface,implementing interfaces, Nested interfaces, Applying interfaces, Variables in interfaces,Interfaces can be extended)- Default Interface Methods: (Default Method fundamentals, A morepracticalexample,multipleinheritanceissues,Usestaticmethodsinaninterface)- Finalthoughtsonpackagesandinterfaces.

Unit-V:ExceptionHandling

LECTURE HOURS:12

Exception HandlingFundamentals-ExceptionTypes: (UncaughtExceptions)-Usingtryandcatch: (Displayingadescriptionofanexception)-Multiplecatchclauses-Nestedtrystatements-throw-throws- finally- Java's built-in Exceptions: (Creating your own exception subclasses)- chainedexceptions:(threerecentlyaddedexceptionfeatures)-usingexceptions.

TextBook:

T1. "Java,TheCompleteReference",ninthedition,HerbertSchildt.

Reference Book:

Introduction to Programming in Java : An Interdisciplinary approach (2nd Edition) by Robert Sedgewick and Kevin Wayne, Princeton University.

Course Title: INTERMEDIATE JAVA PROGRAMING	Course Code : 23P
Semester: VI	Course Group : DSE-VI
Teaching Scheme in Hrs (L:T:P) : 0:0:4	Credits : 2
Map Code : G (PRACTICALPROGRAMMING)	Total Contact Hours: 60
CIA : 25 Marks	SEE # : 75 Marks
Programme: B.COM(CA)# - Semester End Exam	

Simple class

- 1) Create a Simple class for person and use parameterized constructor to initialize the values for instance variables

Constructor and this keyword

- 2) Develop a program for the concept of Constructor and this keyword

A Stack Class

- 3) Write a program to perform the stack operations like push , pop and peek

Overloading Constructor

- 4) Create a class box and create three overload constructor to initialize the dimensions of box in various ways

Returning Objects

- 5) Develop a program for the following task
 - 1) Whenever an object call make to the method incrByten() value 10 should be incremented each time
 - 2)Output should be print like 2 ,12 and 22 so on

Introducing Nested and Inner Classes

- 6) Demonstrate the program to access the nested class members

Member Access and Inheritance

- 7) illustrate a program for the concept of inheritance, subclass to extend the properties of parent class and Create an object for subclass, using subclass object access both parent and subclass members

When Constructors Are Executed

- 8) Demonstrate the program, how the constructor chaining is executed?

Method Overriding

- 9) Develop a program for runtime polymorphism and write a suitable code to match the overriding concept.

Using Abstract Classes

- 10) Using the abstract method concept calculate the area for triangle and rectangle

Access Protection

- 11) Demonstrate a program for the access specifiers , and show case the access limit of the following three keywords public , private and protected

Using try and catch

- 12) Implement the multiple catch block to handle the arithmetic and array index out of bound exception, include the suitable error statements in try block