

NEHRU ARTS AND SCIENCE COLLEGE

(An Autonomous Institution affiliated to Bharathiar University)

(Reaccredited with “A” Grade by NAAC, ISO 9001:2015 & 14001:2004 Certified
Recognized by UGC with 2(f) &12(B), Under Star College Scheme by DBT, Govt. of India)
Nehru Gardens, Thirumalayampalayam, Coimbatore - 641 105, Tamil Nadu.

DEPARTMENT OF COMMERCE

B.Com. WITH COMPUTER APPLICATIONS

CURRICULUM & SYLLABUS



EFFECTIVE FROM 2021 – 2022

Department of Commerce – B.Com (CA)

Vision Statement of the Department

Is “to develop professionalism in trade and commerce to meet the emerging global trends”

Mission Statement of the Department

Is to

- ✓ Impart skills to understand and analyze global trends
- ✓ Develop the skills to tap opportunities
- ✓ Imbibe the potentials to meet the global challenges
- ✓ Impart the needed skills to attain professionalism

Program Educational Objectives (PEOs)

After 3 years of the Programme, the graduates are expected to attain

PEO1	Able to pursue higher education in their core areas of Commerce / Management / Social Science / professional course like CA, CMA or CS
PEO2	Develop professional skills in all functions areas of Commerce and Management
PEO3	Exhibit team spirits; skills and values to learn and adapt to change throughout their professional career
PEO4	Become the full-fledged Accounting and Finance professional
PEO5	Demonstrate professional expertise in financial planning, analysis, control, decision support and professional ethics with the employees

Programme Specific Outcomes (PSOs)

After the successful completion of the Programme, the students are expected to

PSO1	Lay strong foundation of knowledge in the areas of commerce and computer application
PSO2	Eligible to pursue higher education and take-up jobs in the field of commerce and computer applications
PSO3	Develop an attitude to work effectively and efficiently in a business environment
PSO4	Prepare students to take up entrepreneurship
PSO5	Enable students capable of taking decisions at personal as well as at professional level

Programme Outcomes (POs)

On Successful completion of the Programme, the graduates will have

PO1	Critical Thinking	Develop a systematic, critical approach to problem solving at all levels and apply the domain specific knowledge to form conclusions based on quantitative information to meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO2	Usage of Technology	Equip the students to meet the industrial needs by utilizing tools and technologies for Peer Communication, Data Interpretation and Problem-Solving aspects.
PO3	Effective Communication	Develop language competence and be proficient in oral and written communication with a focus on LSRW.
PO4	Environment and Sustainability	Understand the consequential responsibilities to analyze and realise the interactions between social and environmental sustainability procedures and create processes.
PO5	Individual and Team Work	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings and manifest the best outcomes.
PO6	Ethics and Values	Acquire life skills to become a better human being and apply ethical principles and commit to professional ethics and responsibilities.
PO7	Social Interactions	Participate actively in initiatives that encourage equity and growth for all and to act with an informed awareness of local, regional, national and global needs
PO8	Life Long Learning	Engage in lifelong learning and Work on career enhancement and adapt to changing personal, professional and societal needs.



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Scheme of Examination B.Com with Computer Applications

(Applicable to the students admitted during the Academic Year 2021-2022 onwards)

Semester	Part	Course Code	Name of the Course	Instruction hours / week	Duration of Examination	Examination Marks			Credits
						CIA	ESE	Total	
I	I	21U1TAM101/ 21U1HIN101/ 21U1MAL101/ 21U1FRN101	Language I	5	3	50	50	100	4
	II	21U2ENG101	English I	5	3	50	50	100	4
	III	21U3ACC101	Core Paper – I Principles of Accountancy	4	3	50	50	100	4
	III	21U3ACC102	Core Paper – II Introduction to Information Technology	4	3	50	50	100	4
	III	21U3CCP103	Core Paper – III Computer Application Practical I (Office Automation)	4	3	25	25	50	2
	III	21U3MAA101	Allied Paper – I Mathematics for Business	5	3	50	50	100	4
	IV	21U4ENV101	Ability Enhancement Compulsory Course - Environmental Studies	2	3	50	-	50	2
	IV	21U4HVVY201	Value Education – Human Values and Yoga Practice I	1	-	-	-	-	-
				30				600	24
II	I	21U1TAM202/ 21U1HIN202/ 21U1MAL202/ 21U1FRN202	Language II	5	3	50	50	100	4
	II	21U2ENG202	English II	5	3	50	50	100	4
	III	21U3CCC204	Core Paper – IV Business Organization and Office Management	6	3	50	50	100	4
	III	21U3CCP205	Core Paper – V Computer Application Practical II (Tally ERP 9.0)	5	3	25	25	50	2
	III	21U3MAA202	Allied Paper – II Business statistics	6	3	50	50	100	4
	IV	21U4HRC202	Ability Enhancement Compulsory Course - Human Rights and Constitution of India	2	3	50	-	50	2
	IV	21U4HVVY201	Value Education – Human Values and Yoga Practice I	1	2	50	-	50	2
				30				550	22

Semester	Part	Course Code	Name of the Course	Instruction hours / week	Duration of Examination	Examination Marks			Credits
						CIA	ESE	Total	
III	III	21U3ACC306	Core Paper – VI Corporate Accounting	6	3	50	50	100	4
	III	21U3CCC307	Core Paper – VII Database Management System	5	3	50	50	100	4
	III	21U3CCP308	Core Paper – VIII Oracle Practical	4	3	50	50	100	4
	III	21U3ACA303	Allied Paper – III Managerial Economics	5	3	50	50	100	4
	IV	21U4ACS301	Skill Based Paper –I Quantitative Aptitude for Skill Enhancement	5	3	30	45	75	3
	IV	21U4NM3BT1/ 21U4NM3AT1/ 21U4NM3CAF/ 21U4NM3GTS/ 21U4NM3WRT	## Basic Tamil - I/ ## Advanced Tamil - I/ *NME: Consumer Affairs/ Gandhian Thoughts/ Women's Rights	2	3	50		50	2
	IV	21U4AC3ED1	Extra Departmental Course	2	3	-	50	50	2
	IV	21U4AC3ED2							
	IV	21U4HVVY402	Value Education – Human Values and Yoga Practice II	1	-	-	-	-	-
	IV	21U4CCVALC	**Skill enhanced Add on Course- Institute Industry Linkage	-	-	-	-	-	-
				30				575	23
IV	III	21U3ACC409	Core Paper – IX Cost Accounting	5	3	50	50	100	4
	III	21U3ACC410	Core Paper– X Contemporary Marketing	4	3	50	50	100	4
	III	21U3CCC411	Core Paper – XI Object Oriented Programming in C++	6	3	50	50	100	4
	III	21U3CCP412	Core Paper – XII C++ Practical	4	3	50	50	100	4
	III	21U3ACA404	Allied Paper – IV Company Law and Secretarial Practice	4	3	50	50	100	4
	IV	21U4ACZ402	Skill Based Paper – II Finance Modeling Through Spreadsheet	4	3	30	45	75	3
	IV	21U4NM4BT2/ 21U4NM4AT2/ 21U4NM4GEN	## Basic Tamil II ## Advanced Tamil II/ General Awareness	2	3	50		50	2
	IV	21U4HVVY402	Value Education – Human Values and Yoga Practice II	1	2	50	-	50	2
	IV	21U4CCVALC	**Skill Enhancement Add on Course- Institute Industry Linkage	-	-	-	-	-	GRADE
				30				675	27

Semester	Part	Course Code	Name of the Course	Instruction hours / week	Duration of Examination	Examination Marks			Credits
						CIA	ESE	Total	
V	III	21U3ACC513	Core Paper – XIII Management Accounting	5	3	50	50	100	4
	III	21U3CCC514	Core Paper-XV Python Programming	6	3	50	50	100	4
	III	21U3CCP515	Core Paper – XIX Python Programming Practical	4	3	50	50	100	4
	III	21U3ACC516	Core Paper – XIV Direct Tax	6	3	50	50	100	4
	III	21U3ACE501/ 21U3ACE502/ 21U3ACE503	Elective Paper –I	5	3	50	50	100	4
	IV	21U4CCS503	Skill Based Paper – III Artificial Intelligence	4	3	30	45	75	3
				30				575	23
VI	III	21U3CCC617	Core Paper – XVII E-Commerce	6	3	50	50	100	4
	III	21U3ACC618	Core Paper – XVIII Internet and Web Designing	6	3	50	50	100	4
	III	21U3ACP619	Core Paper – XIX Web designing Practical	4	3	50	50	100	4
	III	21U3ACE604/ 21U3ACE605/ 21U3CCE606	Elective Paper –II	5	3	50	50	100	4
	III	21U3ACE607/ 21U3ACE608/ 21U3ACV609	Elective Paper –III	5	3	50	50	100	4
	IV	21U4ACS604	Skilled Based Paper – IV Cyber Security and Law	4	3	30	45	75	3
	V	21U5EXT601	Extension Activities	-	-	50	-	50	2
				30				625	25
								3600	144

Basic Tamil -Students who have not studied Tamil upto 12th standard.

##**Advanced Tamil** – Students who have studied Tamil language upto 12th / 10th standard and have chosen other languages under Part I of the programme but would like to advance their Tamil language skills.

* **NME** – Students shall choose any one course out of three courses.

@ No End Semester Examinations. Only Continuous Internal Assessment (CIA)

\$ Not included in CGPA calculation

** Examination and Evaluation for Value Added Course shall be conducted by the Industry and the marks shall be submitted to the CoE section for the award of Grade

List of Discipline Specific Elective Papers

Discipline Specific Elective Papers	Course Code	Name of the Course
Discipline Specific Elective I	21U3ACE501	Brand Management
	21U3ACE502	Goods and Service Tax
	21U3ACE503	Consumer Affairs
Discipline Specific Elective II	21U3ACE604	Business Finance
	21U3ACE605	Entrepreneurial Development
	21U3CCE606	Software Quality Assurance
Discipline Specific Elective III	21U3ACE607	Investment Management
	21U3CCE608	Financial Markets
	21U3ACV609	Project Work and Viva Voce

Extra Departmental Course offered by the Department to other Department Students

. No.	Semester	Course Code	Name of the Course
1	Semester III	21U4AC3ED1	Fundamentals of Accounting
2		21U4AC3ED2	Modern Banking

Self-Study Paper Offered by the Department

S. No.	Semester	Course Code	Name of the Course
1	Semester II to V	21UACSS01	Capital Market Operations
2		21UACSS02	Personal Investment Management


Chairperson

Board of Studies

Department of Commerce

Nehru Arts and Science College, Coimbatore

Dr. M. Kanagarathinam, Ph.D.
Dean
School of Commerce
Nehru Arts and Science College (Autonomous)
Coimbatore - 641 105.

Course Code	Title		
21U1TAM101	Part I – Tamil - I		
Semester : I	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

(Common to all UG Programmes)

Course Objective : மொழி இலக்கியத்தின் வாயிலாக அறம் சார் பண்பு மற்றும் ஆளுமை மிக்க மாணவர்களை உருவாக்குதல்

Course Outcomes :

CO1	தமிழ் இலக்கியங்கள் வாயிலாக சமூகச் சீர்திருத்தச் சிந்தனைகள் பெறப்படும்.
CO2	அற இலக்கியங்களின் வழி தமிழர்களின் வாழ்வியல் பண்புகளைக் கற்று அறிதல்.
CO3	பெண்ணியக் கவிஞர்களின் படைப்புத் திறனை மாணவர்களுக்கு உணர்த்துதல்
CO4	சிறுகதைகளின் வழி சமூக கருத்துகளை மாணவர்களுக்கு அறிவுறுத்தல்
CO5	தமிழ் இலக்கிய வரலாற்றுத் திறனை வளர்த்தல்

Offered by : தமிழ்த்துறை

Course Content

Instructional Hours / Week : 5

Unit	Description
I	சங்க இலக்கியம்
	1. ஐங்குநாறு – கிள்ளைப்பத்து (281-290) பாடல்கள்
	2. பதிற்றுப்பத்து – இரண்டாம் பத்து (11 -15 ஐந்து பாடல்கள்)
	3. பத்துப்பாட்டு – முல்லைப்பாட்டு - முல்லைப்பாட்டு முழுவதும் (1-103 வரிகள்)
	4. சிறுபாணாற்றுப்படை – சேரநாட்டின் வளமை
Instructional Hours 15	
II	அற இலக்கியம் - நீதிநூல்கள்
	1. அறன் வலியுறுத்தல் - (31-40 குறட்பாக்கள்)
	2. புகழ் - (231 - 240 குறட்பாக்கள்)
	3. வாய்மை - (291 - 300 குறட்பாக்கள்)
	4. நாலடியார் - பொருட்பால் 11 ஆவது அதிகாரம் (கூடா நட்பு 1 - 10)
	5. நான்மணிக்கடிகை - முதல் ஐந்து பாடல்கள்
Instructional Hours 15	
III	பெண்ணியம்
	1. பூச்சி வாழ்க்கை – ஆண்டாள் பிரியதர்சனி (சுயம் பேசும் கிளி)
	2. தொட்டிச்செடி – கவிஞர் இளம்பிறை
	3. அம்மா – சுகிர்தராணி
	4. நீரில் அலையும் முகம் - அ.வெண்ணிலா
Instructional Hours 15	
IV	சிறுகதைகள்
	1. குட்டி ரேவதி – நிறைய அறைகள் உள்ள வீடு
	2. ஜெயமோகன் - யானை டாக்டர்
	3. ச.தமிழ்ச்செல்வன் - வெயிலோடு போய்
	4. வண்ணநிலவன் - எஸ்தர்
	5. உமா மகேஸ்வரி - மரப்பாச்சி
Instructional Hours 15	
V	தமிழ் - இலக்கிய வரலாறு
	1. புதுக்கவிதையின் தோற்றமும் வளர்ச்சியும்
	2. சிறுகதையின் தோற்றமும் வளர்ச்சியும்
	3. படிமம் குறியீடு பற்றிய – விளக்கம்
	Instructional Hours 15
Total Hours 75	

பாடத்தொகுப்பு

இளங்கலை முதலாம் ஆண்டு தமிழ் மாணவர்களுக்குரிய பாடநூல் “இளந்தளிர்”
தொகுப்பு: தமிழ்த்துறை ,நேரு கலை மற்றும் அறிவியல் கல்லூரி, கோயம்புத்தூர்

பார்வை நூல்கள்

1. ஐங்குநாறு - உரையாசிரியர் ஓளவை துரைசாமிப்பிள்ளை, பதிப்பாசிரியர்கள் முதுமுனைவர் இரா.இளங்குமரனார், முனைவர்.பி.தமிழகன் தமிழ் மண் அறக்கட்டளை, சென்னை.17
2. திருவள்ளுவர் - திருக்குறள் பரிமேலழகர் உரை, சாரதா பதிப்பகம், ஐ - 4 சாந்தி அடுக்ககம், ஸ்ரீ கிருஷ்ணாபுரம் தெரு, இராயப்பேட்டை, சென்னை- 014
3. ஆண்டாள் பிரியதர்ஷினி - சுயம் பேசும் கிளி கவிதைத் தொகுப்பு, ராகவேந்திரா வெளியீடு 163 2 பொன்விழா அச்சகம், பொன்னி வெளியீடு, பாக்குட்டசாலை, அண்ணாநகர், சென்னை.
4. கவிஞர் இளம்பிறை - தொட்டிச்செடி, பொன்னி வெளியீடு, சென்னை - 91
5. சுகிர்தராணி - தீண்டப்படாதமுத்தம், காலச்சுவடு பதிப்பகம், நாகர்கோயில்.
6. அ.வெண்ணிலா - நீரில் அலையும் முகம் முதல் கவிதைத் தொகுப்பு - 2000
7. தமிழண்ணல் - புதியநோக்கில் தமிழ் இலக்கிய வரலாறு, மீனாட்சி புத்தக நிலையம், மதுரை -625 001.
8. நிறைய அறைகள் உள்ளவீடு - குட்டிரேவதி எழுத்து பிரசுரம் 11மாடல் நகர் 10 வது வீதி, சென்னை.
9. யானை டாக்டர் - ஜெயமோகன் வம்சி பதிப்பகம் நியு செஞ்சுரி புக்கவுஸ் சென்னை.
- 10.வெயிலோடு போய் - ச.தமிழ்ச்செல்வன் சிறுகதைகள் தொகுப்பு பாரதி புத்தகாலயம் 7 இளங்கோ சாலை சுப்பராயன் நகர் சென்னை
- 11.எஸ்தர் - வண்ணநிலவன் சிறுகதைகள், நற்றிணைப் பதிப்பகம், 172, ஆர்கட் ரோடு, கன்னினாபுரம் வடபழனி - 2
- 12.மரப்பாச்சி - உமா மகேஸ்வரி, தமிழினி பதிப்பகம், 342 டி.டி.கே சாலை, சென்னை.14

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Seminar	Assignment	Group Project	Total
8	8	10	8	8	8	50

Mapping

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	H	-	H	H	M	H	-	L	L	-	
CO2	-	-	M	-	H	L	H	H	-	L	L	-	
CO3	-	-	L	-	M	M	H	H	-	-	L	-	
CO4	-	-	H	-	H	M	M	L	-	-	L	-	
CO5	-	-	H	-	H	L	H	H	-	-	-	-	

H-High; M-Medium; L-Low;

Course Designed by	Verified by	Checked by	Approved by

Course Code	Title		
21U1HIN101	PART – I : HINDI - I		
Semester : I	Credits:4	CIA : 50 Marks	ESE : 50 Marks

(Common to all UG Programmes)

कोर्स लक्ष्य : छात्र-छात्राओं में राष्ट्रीय भावना का विकास करना तथा राष्ट्रभाषा हिंदी एवं उससे संबंधित साहित्य की जानकारी प्रदान करना

कोर्स परिणाम :

CO1	सामाजिक, सांस्कृतिक और राजनैतिक परिवेश से छात्र. साहित्य के माध्यम से बोधवान होंगे।
CO2	व्याकरण के शिक्षण के माध्यम से छात्रों में शुद्ध भाषा में बोलने की क्षमता को विकसित होगी।
CO3	अंतर्राष्ट्रीय भाषा अंग्रेजी से राष्ट्रभाषा हिंदी में सामग्री का अनुवाद करके छात्र हिंदी की ज्ञान संपदा बढ़ाने में कामयाब होंगे।
CO4	विविध अनुशासनों में अनुवादों को सुचारु बनाने के लिए पारिभाषिक शब्दावली का ज्ञान होगा।
CO5	विद्यार्थी हिन्दी में अच्छा बोल सकेंगे।

Offered by : Hindi Department

अध्ययन विषयवस्तु

निर्देशात्मक घंटे / सप्ताह: 5

इकाई	विवरण	निर्देशात्मक घंटे	
I	लडाई-सर्वश्वरदयाल सक्सेना	20	
II	एकांकी संग्रह – 1. शिवाजी का सच्चा स्वरूप (सेठ गोविन्ददास) 2. माँ (विष्णु प्रभाकर) 3. घोंसले 4. रीढ़ की हड्डी (जगदीशचन्द्र माथुर) 5. सिपाही की माँ. मोहन राकेश	20	
III	व्याकरण : संज्ञा, सर्वनाम, विशेषण, क्रिया, वचन, लिंग, काल, वाच्य, प्रत्यय, उपसर्ग, 'ने' का प्रयोग	15	
IV	अनुवाद : अंग्रेजी-हिंदी (अनुवाद अभ्यास-3) (1-15)	10	
V	पारिभाषिक शब्दावली	10	
		कुल घंटे	75

पाठ्यपुस्तकः

1. लडाई : सर्वेश्वरदयाल सक्सेना
2. एकांकी संग्रह
3. अनुवाद अभ्यास—३, दक्षिण भारत हिंदी प्रचार सभा, चेन्नै—17.
4. आलेखन व टिप्पणी

संदर्भ ग्रंथ :

1. डॉ. एन.ई. विश्वनाथ अय्यर, अनुवाद कला, पब्लिशर, संस्करण 2000
2. भोलानाथ तिवारी, अनुवाद विज्ञान, संस्करण 2000
3. रामदेव, व्याकरण प्रदीप। प्रकाशन : हिंदी भवन, 36, टागौर टाउन, इलहाबाद —2
4. नूतन गद्य संग्रह, सुमित्रा प्रकाशन, सुमित्रा निवास, 16/4 हास्टिंग्स रोड, इलहाबाद —211 001. संस्करण 2006

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Project	Total
8	8	10	8	8	8	50

Mapping

POS COS	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	H	-	L	M	M	-					
CO2	-	-	M	-	L	M	H	-					
CO3	-	-	M	-	M	H	L	-					
CO4	-	-	H	-	-	M	-	-					
CO5	-	-	M	-	-	-	H	-					

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code		Title	
21U3MAA101		Allied Paper I : Mathematics for Business	
Semester : I	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

(Common to B.Com/B.Com CA/B.Com PA/B.Com IT and B.Com Banking)

Course Objective:

On successful completion of this course, the student should have understood the basic concepts and learn the fundamental ideas of Mathematics.

Course Outcomes:

CO1	Memorize the basic concepts of Set theory, Simple and Compound Interest
CO2	Explain the method of solving Simultaneous Linear Equations.
CO3	Solve the business problems using the concepts of Derivatives.
CO4	Implement the ideas of Integration in Business problems.
CO5	Relate the concepts of LPP in Decision making environment.

Offered by: Mathematics

Course Content

Instructional Hours / Week: 5

Unit	Description	Text Book	Chapter
I	Sets -Types of sets –Set operations –Venn diagram.	1	3
	Arithmetic and geometric series. Mathematics for Finance - Simple and Compound Interest.	1	1,2
Instructional Hours			15
II	Matrix: Basic Concepts – Addition and Multiplication of Matrices – Inverse of a Matrix – Rank of Matrix- Solution of Simultaneous Linear Equation	1	4
Instructional Hours			15
III	Variables, Constants And Functions: Limits of Algebraic Functions – Simple Differentiation of Algebraic Functions.	1	5
	Meaning of Derivations: Evaluation of First and Second order Derivatives – Maxima and Minima – Application to Business Problems.	1	6,7
Instructional Hours			15
IV	Elementary Integral Calculus: Determining Indefinite and Definite Integrals of simple Functions – Integration by Parts.	1	8
Instructional Hours			15
V	Linear programming Problem: – Mathematical Formulation - Application in Management decision making.	2	1
	Solving LPP using Graphical Method – Simplex Method.	2	2, 3
Instructional Hours			15
Total Hours			75

Text Books:

1. P. A. Navanitham, **Business Mathematics & Statistics (Part -I)**, Jai Publishers, June 2008.
 Unit I : Chapter 1-3
 Unit II : Chapter 4
 Unit III : Chapter 5 and 6, Chapter 7: Section - 7.4
 Unit IV : Chapter 8, Sections - 1 to 7
2. Kalavathy, **Operations Research**, Vikas Publishing House Pvt.Ltd, 2009
 Unit V : Chapter 1, Sections - 1.1 to 1.6, Chapter 2, Chapter 3

Reference Books:

1. S.P. Gupta, **Statistical Methods**, Sultan Chand & Sons, 2014.
2. D.C. Sanchetti and V.K. Kapoor, **Business Mathematics**, Sultan Chand Co Ltd., New Delhi, 1999.

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Seminar	Assignment	Quiz	Total
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	H	H	M	M	L	M	M	H	M	M	M	M
CO2	L	M	L	L	L	L	L	L	L	L	L	L	M
CO3	M	M	M	M	M	L	M	M	M	M	M	M	M
CO4	L	M	M	M	L	L	L	M	M	M	M	M	M
CO5	H	M	L	L	M	L	M	M	L	L	M	M	M

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code		Title	
21U1FRN101		Part - I : French - I	
Semester : I	Credits : 4	CIA : 50 Marks	ESE: 50 Marks

(Common to all UG Programmes)

Course Objective:

Acquisition of standard French through fundamental French grammar.

Course Outcomes:

Students will be able to

CO1	Learn basic French grammar along with French civilization ⁷
CO2	Know the gender of nouns
CO3	Learn Negation, articles and understand the usage of preposition.
CO4	Learn Futur proche, Pronominal verb,
CO5	Know to self introduce and translate simple sentences.

Offered by : French Department**Course Content****Instructional Hours/Week : 5**

Unit	Description	
I	Mes cinq sens en action	
		Instructional Hours 15
II	S'ouvrir aux autres	
		Instructional Hours 15
III	Partager son lieu de vie	
		Instructional Hours 15
IV	Vivre au quotidien	
		Instructional Hours 15
V	S'ouvrir a la culture	
		Instructional Hours 15
		Total Hours 75

Text Book :

1. Saison 1 Méthode de Français – Marie-Noëlle Cocton, Anouchka De Oliveira, Dorothée Duplex

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Group Project	Total
8	8	10	8	8	8	50

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	M	-	L	-	H	M	L	-	-	-	-
CO2	-	-	H	-	-	L	L	-	-	L	-	-	-
CO3	-	-	H	-	L	-	H	-	-	-	-	L	-
CO4	-	-	H	-	-	L	M	M	-	-	-	-	-
CO5	-	-	M	-	M	-	M	M	-	-	-	-	-

H-High; M-Medium; L-Low

Course designed by	Verified by	Checked by	Approved by

Course Code	Title		
21U2ENG101	Part II - English I		
Semester : I	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

(Common to All UG Programmes)

Course Objective:

To help students to imbibe, develop, practice and use the LSRW skills and fine tune their productive skills.

Course Outcomes:

CO1	Recognize listening, and reading proficiency through the prose discourses.
CO2	Use and interpret imaginative, and creative skills through the poetic genre.
CO3	Enhance the students to use English effectively through short story.
CO4	Execute and exercise grammatical skills in academics and career.
CO5	Evaluate the LSRW skills through literature.

Offered by : English department**Course Content****Instructional Hours / Week : 5**

Unit	Description	Text Book	Chapter
I	Prose Leigh Hunt – Getting Up On Cold Morning Rajagopalachari – Tree Speaks Swami Vivekananda – The Secret of Work	1	1-3
Instructional Hours			15
II	Poetry D.G Rossetti – The Blessed Damozel Maya Angelou -Phenomenal Women A. K. Ramanujan – A River	1	4-6
Instructional Hours			15
III	Short Stories O. Henry – The Last Leaf R. K. Narayan – The Missing Mail Oscar Wilde - The Happy Prince	1	7-9
Instructional Hours			15
IV	Grammar and Vocabulary Parts of Speech Tenses – Present, Past, Vocabulary of the specific domain, Punctuations, Kinds of Sentences.	1	10-13
Instructional Hours			15

V	Oral & Written Communication Listening : (UNIT I – IV) Listening – Comprehension practice from Poetry, Prose, Short-stories, observing / viewing E-content (with subtitles), Guest / Invited Lectures, Conference / Seminar Presentations & Tests and DD National News Live, BBC, CNN, VOA etc Speaking – In a Group Discussion Forum, speak about Tongue Twisters, Critical Thinking, and Seminar Presentations on Classroom-Assignments, and Peer-Team interactions. Reading – Pronunciation practice and enhancement from Poetry, Prose, Short-stories, Magazines, News Paper etc Writing – Asking & Giving Directions/Instructions, Developing Hints, and Filling Forms.	1	14-17
Instructional Hours			15
Total Hours			75

Books for study:

Unit I – V : Compiled by the PG & Research Department of English

Books for Reference:

1. CLIL (Content & Language Integrated Learning) – Module by TANSCHENOTE: (Text: Prescribed chapters or pages will be given to the students by the department and the college)

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Speaking	Reading	Total
8	8	10	8	8	8	50

Mapping

COS POS	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	-	H	H	M	M	H	H	-	L	L	L	L
CO2	H	-	H	H	M	H	H	H	-	M	M	M	M
CO3	H	-	H	M	H	H	H	H	-	L	L	L	M
CO4	H	L	H	M	H	H	H	H	-	-	-	-	M
CO5	H	L	H	H	H	H	H	H	-	-	-	-	-

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title		
21U3ACC101	Core Paper – I : Principles of Accountancy		
Semester : I	Credits : 4	CIA : 50 Marks	ESE: 50 Marks

(Common to B.Com / CA / PA / IT / Banking)

Course Objective:

Make students understand the basic Concepts and Conventions of Accounting Transaction.

Course Outcomes:

CO1	Explain fundamentals of accounting
CO2	Determine the errors and rectification and prepare bank reconciliation statement
CO3	Prepare final accounts
CO4	Analyze the accounts for non – profit organisation
CO5	Apply depreciation methods

Offered by : Commerce**Course Content****Instructional Hours / Week : 4**

Unit	Description	Text Book	Chapter
I	Fundamentals of Book – keeping	1	1
	Accounting Concepts and Conventions	1	2
	Journal – Ledger – Subsidiary books	4	2B,3
Instructional Hours			12
II	Trial balance - Errors and rectification	4	4
	Bank Reconciliation Statement	3	9
Instructional Hours			12
III	Final Accounts of a sole trader with adjustments	3	12,13
Instructional Hours			12
IV	Receipts and Payment, Income and Expenditure	4	26
	Account and Balance sheet		
	Accounts of Professionals	5	34
Instructional Hours			12
V	Accounting for Depreciation – need and significance of depreciation - Methods of providing depreciation – Straight Line Method, Written Down Value Method, Annuity Method.	4	11
	Reserves and Provisions	4	10
Instructional Hours			12
Total Hours			60

Note: Distribution of Marks: Theory 20% and Problems 80%

Text Book(s):

1. S.P.Jain&K.L.Narang, **Principles of Accountancy**, Kalyani Publishers, 2014.
2. K.L.Nagarajan, N.Vinayakam, P.L.Mani, **Principles of Accountancy**, S Chand Publications, 2013.
3. S.P. Jain &K.L.Narang, **Financial Accounting**, Kalyani Publishers, 2008.
4. T.S.Reddy, A.Murthy, **Financial Accounting**, Margham Publications, 2015.
5. T.S.Reddy, A.Murthy, **Advanced Accounting**, Margham Publications, 2015.

Reference Book(s):

1. Dr.S.Ganeson, Tmt.S.R.Kalavathi, **Financial Accounting**, Thirumalai Publications, 2005.
2. Dr. V.K. Goyal, **Financial Accounting**, Excel Books, 2007.
3. Tulsian P.C., **Advanced Accountancy**, Tata Mcgraw Hill Publishing Co., Ltd New Delhi. 2014.
4. S.K.Maheswari, T.S.Reddy, **Advanced Accountancy**, Vikas Publishers, 2010.

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Quiz	Snap Talk	Total
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	L	L	-	L	M	L	L	M	H	M	H	M	H
CO2	L	L	-	L	M	L	L	M	H	H	L	H	H
CO3	L	L	-	L	M	L	L	M	H	L	M	H	L
CO4	L	L	-	L	M	L	L	M	M	M	H	M	M
CO5	L	L	-	L	M	L	L	M	M	H	H	L	M

H-High; M-Medium; L-Low

Course Designed by	Verified by HOD	Checked by	Approved by

21U3ACC102	Core Paper – II Introduction to Information Technology		
Semester : I	Credit : 4	CIA : 50 Marks	ESE : 50 Marks

(Common for B.Com CA and B.Com PA)

Course Objective :

Enable students acquire thorough knowledge on the concepts and principles of information technology.

Course Outcomes :

CO1	Understand the principles and concepts of Information Technology
CO2	Distinguish the types of computers and its generations
CO3	Ability to generate programme flow charts
CO4	Insight on different types of operating system
CO5	Capability to create Business Process Automation

Offered by : Commerce**Course Content****Instructional Hours / Week: 4**

Unit	Description	Text Book	Chapter
I	Hardware and Software: computer systems, importance of computers in business.	1	6
	Data and information, data processing, data storage and data retrieval capabilities, computer applications in various areas of business, computer related jobs in business	1	7
Instructional Hours			12
II	Types of computer systems- Micro, mini, mainframe and super Computers. Analog, digital and Hybrid computers, business and Scientific computer systems, First, second, third and fourth generation computers, Laptop or notebook computers.	2	1
	Data processing systems- batch, online and Real time system. Time sharing, multiprogramming and multiprocessing systems. Networking's: Local and Wide Area Networks.	2	1
Instructional Hours			12
III	Components of computers input, output and storage devices, software: system software and Application software; Programming language-machine language- assembly language, higher level languages.	1	10
	Flowchart and programme flow charts. Steps in developing a Computer programme.	2	3
Instructional Hours			12
IV	Operating systems: Dos, windows, VISTA windows 8, Windows 10.	2	4
	E-Commerce. Internet- Extranet- e-mail and its uses-world wide Websites-mobile computers.	2	4
Instructional Hours			12
V	Business Applications – Overview and types - Business Process Automation (BPA) – Phases of BPA Implementation -	3	4

Applications that help entity to achieve BPA - Information Processing & Delivery channels and their role in Information Systems – Business Models B2B, B2C, C2C.		
Key types of Application Controls to BPA – Objectives and types of controls - Emerging technologies – Virtualization, Grid Computing, Cloud delivery model.	3	3
Instructional Hours		12
Total Hours		60

Text Book(s) :

1. Alexis Leon and Mathews Leon, **Introduction to Computers**, Vijay Nicole Imprints Ltd., 2009.
2. Sangita Sardana, Sunil Malhotra, **Introduction to Information Technology**, Kalyani Publishers, 2012.
3. Dr.P.Baba Gnanakumar, **Information Technology**, McGraw Hill Education (India), Edition 2014

Reference Book(s) :

1. Aksoy Pelin, Denardis Laura, **Introduction to Information Technology**, Cengage Learning, 2006.
2. Turbon, Rainer, Potter, **Introduction to Information Technology**, Willy India Pvt. Ltd., 1998.

Tools for Assessment (50 Marks)

CIAI	CIA II	CIA III	Assignment	Quiz	Snap Talk	Total
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	H	M	H	H	M	H	H	M	H	M	H
CO2	H	H	L	H	H	L	H	H	H	H	L	H	H
CO3	H	H	M	H	L	M	H	L	H	H	M	H	L
CO4	H	M	H	M	M	H	M	M	H	M	H	M	M
CO5	M	H	H	L	M	H	L	M	M	H	H	L	M

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

21U3CCP103	Core Paper – III Computer Application Practical – I (Office Automation)		
Semester : I	Credits : 2	CIA : 25 Marks	ESE : 25 Marks

Course Objective:

Provide practical knowledge on Open Office.

Course Outcomes:

CO1	Understand the concepts of Libre Office
CO2	Create documents using different formats
CO3	Effective use of Calc for Business reporting
CO4	Ability to create Bulk mailing list
CO5	Develop presentation skill by using impress

Offered by: Commerce

Course Content

Instructional Hours / Week: 4

Ex.No	Description	Use of Package
	Introduction to Open Office – Features available in Open Office – Open Document File Format – Accessibility Features.	
1	Create a resume for a vacancy in a company along with a covering letter.	Writer
2	Drafting a research paper for conference/publication in standard journals	Writer
3	Create a brochure for an event organized by the Department	Writer
4	Create a Spreadsheet detailing Household Expenses for a month	Calc
5	Create a Balance Sheet of a Company	Calc
6	Create Cash Flow Statement and Fund Flow Statement	Calc
7	Create a presentation of a research paper to be presented in a conference (<i>minimum of TEN slides</i>)	Impress
8	Create a Bulk Mailing List using Base and Writer	Base & Writer
9	Create a student's database with basic details, marks secured and other relevant information (<i>minimum of TEN data</i>)	Base
10	Analyze share price movement for three years period for a company listed in BSE.	Base
Instructional Hours		60

Tools for Assessment (25 Marks)

Models	Reports	Demonstration	Test 1	Test 2	Observation Note	TOTAL
4	4	4	5	5	3	25

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	H	M	H	H	M	H	H	M	H	M	H
CO2	H	H	L	H	H	L	H	M	H	H	L	H	H
CO3	H	H	M	H	L	M	H	H	H	H	M	H	L
CO4	H	M	H	M	M	H	M	L	H	M	H	M	M
CO5	M	H	H	L	M	H	L	H	M	H	H	L	M

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code		Title	
21U1MAL101		Part - I : Malayalam - I	
Semester : I	Credit : 4	CIA : 50 Marks	ESE : 50 Marks

(Common to all UG Programmes)

Course Objective: ആധുനികാലത്തെ മലയാളകഥകളെ കുറിച്ചും സംസ്കാരത്തെ കുറിച്ചും അവബോധം ഉണ്ടാക്കുന്നു

Course Outcomes :

CO1	കഥ യുടെ സംവേദനം ആസ്വാദകന്റെ അഭിരുചിയെ പൂർത്തിയാക്കുന്നു
CO2	പ്രകൃതിയുമായി ബന്ധപ്പെടുന്ന കഥാപരിസരം
CO3	ഭക്ഷണവും അതിന്റെ സംസ്കാരവും കൂട്ടായ് ഉണ്ടാക്കുന്നു
CO4	ഭക്ഷണത്തിന്റെ മൂല്യം അർത്ഥവത്താക്കുന്നു
CO5	ആശയ വിപുലനം

Offered by: Malayalam Department**Course Content****Instructional Hours/Week: 5**

Unit	Description	Instructional Hours
I	ചെറുകഥകൾ - സമകാല കഥകൾ	15
II	ചെറുകഥകൾ - സമകാല കഥകൾ	15
III	സംസ്കാര പഠനം	15
IV	സംസ്കാര പഠനം	15
V	ഉപന്യാസം, വിവർത്തനം, ആശയവിപുലനം	15
	Total Hours	75

പാഠപുസ്തകങ്ങൾ :

1. ചെറുകഥകൾ - സമകാല ചെറുകഥകൾ (10 ചെറുകഥകൾ)
2. സംസ്കാര പഠനം കേരള ഭക്ഷണത്തിന്റെ സംസ്കാരചരിത്രം ഡോ.സി. ഗണേഷ്, ഡി.സി.ബുക്സ് കോട്ടയം

സഹായകഗ്രന്ഥങ്ങൾ :

1. എം അച്യുതൻ - ചെറുകഥ ഇന്നലെ ഇന്ന് - ഡി.സി.ബുക്സ് കോട്ടയം
2. എരുമേലി പരമേശ്വരൻ പിള്ള - മലയാള സാഹിത്യം കാലഘട്ടങ്ങളിലൂടെ - ഡി.സി.ബുക്സ് കോട്ടയം
3. പുതിയ കഥ പുതിയ വായന - എഡി: ഡോ.ഷീബാ ദിവാകരൻ പുസ്തകലോകം പ്രസദ്ധീകരണം

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Group Project	Total
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	H	M	H	H	-	-	L	-	-	-	-
CO2	-	-	H	L	H	M	-	-	L	-	L	-	-
CO3	-	-	-	M	M	H	-	-	-	-	-	-	-
CO4	-	-	L	M	L	H	-	-	-	L	-	L	-
CO5	-	-	L	-	H	-	-	-	-	-	-	-	-

H-High; M-Medium; L-Low

Course designed by	Verified by	Checked by	Approved by

Course Code	Title	
21U4ENV101	Ability Enhancement Compulsory Course - Environmental Studies	
Semester : I	Credits : 2	CIA : 50 Marks

(Common to all UG Programmes)

Course Objective:

This course enables the students to recognize the interconnectedness of multiple factors in environmental challenges and communicate clearly and competently matters of environment concern.

Course Outcomes:

On completion of course the students will be able to

CO 1	Understand key concepts from economic, political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions.
CO 2	Understand concepts and methods from ecological and physical sciences and their application in environmental problem solving.
CO 3	Solve the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.
CO 4	Reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.
CO 5	Apply systems concepts and methodologies to analyse and understand interactions between social and environmental processes.

Course Content**Instructional Hours / Week : 2**

Unit	Description	Text Book	Chapter
I	Natural Resources: Forest resources, Water resources, Mineral resources, Food resources, Energy resources and Land resources.	1	2
Instructional Hours			6
II	Ecosystems: Concept of an ecosystem, Structure and function; Introduction, types, characteristic features, structure and function of ecosystem - Forest ecosystem, Grassland ecosystem, Desert ecosystem, Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries). Activity: Prepare an album on types of Ecosystem.	1	3
Instructional Hours			6
III	Environmental Pollution: Definition Causes, effects and control measures of Air pollution, Water pollution, Soil pollution, Marine pollution and Noise pollution, Solid waste management. Activity: Discuss the solutions for water pollution	1	5
Instructional Hours			6
IV	Social Issues and the Environment: Water conservation, rain water harvesting, watershed management, Environmental ethics - Issue summits' and possible solutions and Public awareness. Activity: Identify and analyse a Social Issue and an Environment issue in your locality.	1	6
Instructional Hours			6

V	Disaster Management: Floods, Earthquakes, Cyclones, Landslides: From management to mitigation of disasters: The main elements of a mitigation and measures of strategy: Floods, Earthquakes, Cyclones and Landslides	2	16
Instructional Hours			6
Field Work: Visit to local area to document Environmental assets (River / Forest / Grass land / Mountain), Visit to local polluted site (Urban / Rural / industrial / Agricultural), Study of common plants, insects, birds, Study of simple ecosystem: Pond, River, Hill slopes.			
Total Hours			30

Text Book(s):

1. Shashi Chawla. A Text Book of Environmental Studies, Tata McGraw-Hill, 2012.
2. From UGC website: <https://www.ugc.ac.in/oldpdf/modelcurriculum/env.pdf>

Reference Book(s):

1. Agarwal, K.C. 2001 Environmental Biology, Nidi Public Ltd., Bikaner.
2. Jadhav, H & Bhosale, V.M. 1995 Environmental Protection and Laws Himalaya Pub. House, Delhi 284 p.
3. Mckinney, M.L. & Schoch R.M. 1996. Environmental Science systems & Solutions
4. Odum, E.P. 1971 Fundamentals of Ecology. W.B. Saunders Co. USA. 574 p
5. Rao MN & Datta, A.K. 1987 Waste Water treatment, Oxford & IBH Publication Co. Pvt. Ltd., 345 p.

Tools for Assessment (50 Marks)

Ecosystem Album Preparation	Field visit and report submission	Group discussions about issues related to their locality / about Disaster Management	CIA	Total
10	10	5	25	50

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	L	-	L	H	H	H	H	L	L	-	L	-	-
CO2	L	-	L	H	H	H	H	L	-	-	-	-	-
CO3	L	-	L	H	H	H	H	L	-	-	-	-	-
CO4	L	-	L	H	H	H	H	L	-	-	-	-	-
CO5	L	-	L	H	H	H	H	L	-	-	-	-	-

H-High; M-Medium; L-Low

Course designed by	Verified by	Checked by	Approved by

Course Code	Title		
21U1TAM202	PART – I TAMIL – II		
Semester : II	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

(Common to all UG Programmes)

Course Objective: மொழி இலக்கியத்தின் வாயிலாக அறம்சார் பண்பு மற்றும் ஆளுமைமிக்க மாணவர்களை உருவாக்குதல்

Course Outcomes:

CO1	பக்தி இலக்கியங்கள் வழி வாழ்வியல் நெறிகளை மாணவர்களுக்கு எடுத்துரைத்தல்
CO2	சிறுநிலக்கியங்களின் மூலம் தமிழர்களின் வாழ்க்கை கூறுகளை எடுத்துரைத்தல்
CO3	தமிழ் நாவல்களின் வழி சமுதாயச் சிந்தனைகளைக் கூறுதல்
CO4	இலக்கண அறிவை வளர்த்தல்
CO5	தமிழ் இலக்கிய வரலாற்றுத் திறனை மேம்பாடு அடையச் செய்தல்

Offered by : தமிழ்த்துறை

Course Content

Instructional Hours / Week : 5

Description	
Unit I பக்தி இலக்கியங்கள்	
1. திருமந்திரம் - மூன்றாம் தந்திரம் (அதிகாரம் 2) அஷ்டமாசித்திகள்	
2. நாலாயிரத் திவ்யப்பிரபந்தம் - பெரியாழ்வார் - திருப்பல்லாண்டு	
3. மாணிக்கவாசகர் - எட்டாம் திருமுறை - அச்சோப்பதிகம்	
4. திருநாவுக்கரசர் - திருவரங்கமாலை - நான்காம் திருமுறை - தேவாரம்	
Instructional Hours :15	
Unit II சிறுநிலக்கியங்கள்	
1. கலம்பகம் - நந்திக்கலம்பகம் (91 -100 பாடல்கள்)	
2. பள்ளு - முக்கூடற்பள்ளு (350 - 360)	
3. குறவஞ்சி - திருக்குற்றாலக்குறவஞ்சி (1-10)	
4. பிள்ளைத்தமிழ் - மீனாட்சியம்மை (1 -10)	
5. பட்டினத்தார் பாடல்கள் (358 - 367)	
Instructional Hours: 15	
Unit III நாவல்	
1. செல்லாதபணம் - இமையம் (வெ.அண்ணாமலை)	
Instructional Hours :15	
Unit IV இலக்கணம்	
1. வல்லினம் மிகும் இடங்கள்	
2. வல்லினம் மிகா இடங்கள்	
3. தொடை வகைகள்	
Instructional Hours :15	
Unit V இலக்கிய வரலாறு பாடத்திட்டத்தைத் தழுவினது	
1. சிறுநிலக்கியம் - அறிமுகம்	
2. புதினத்தின் தோற்றமும் வளர்ச்சியும்	
3. விண்ணப்பங்கள், மடல்கள், எழுதச் செய்தல்.	
Instructional Hours : 15	
Total Hours :75	

பாடத்தொகுப்பு

இளங்கலை முதலாம் ஆண்டு தமிழ் மாணவர்களுக்குரிய பாடநூல் “இளந்தளிர்”
தொகுப்பு: தமிழ்த்துறை, நேரு கலை மற்றும் அறிவியல் கல்லூரி, கோயம்புத்தூர்.

பார்வை நூல்கள்:

1. திருமந்திரம் - மாணிக்கவாசகர் அருளிய திருவாசகம் - சித்தாந்த பண்டிதர் திரு.ப.இராமநாத பிள்ளை விளக்க உரையுடன் கழக வெளியீடு, திருநெல்வேலி, தென்னிந்திய சைவ சித்தாந்த நூற்பதிப்புக் கழகம் லிமிடெட், 522 டி.டி.கேசாலை, சென்னை- 600 018
2. புலவர்த.திருவேங்கட இராமனுஜதாசன் - நாலாயிரதிவ்யப் பிரபந்தம் முதல் ஆயிரம் மூலமும் உரையும், உமாபதிப்பகம், 171, புதிய எண்.18 பவளக் காரத்தெரு, மண்ணடி, சென்னை- 001
3. தாயுமானவர் இயற்றிய பராபரக்கண்ணி - ஸ்ரீமத் சுவாமி சித்பவானந்தர் விரிவுரையுடன் ஸ்ரீ ராம கிருஷ்ண தபோவனம், திருப்பராய்த்துறை - 639115 திருச்சி மாவட்டம்
4. நந்திக்கலம்பகம் - மணிவாசகர் பதிப்பகம், ராஜவீதி, கோயமுத்தூர் - 641 001
5. முனைவர்.கதிர்முருகு-முக்கூடற்பள்ளு மூலமும் உரையும், சாரதா பதிப்பகம், சென்னை.
6. புலியூர்க்கேசிகள் தெளிவுரை-திருக்குற்றாலக்குறவஞ்சி, செல்லப்பா பதிப்பகம், சென்னை.
7. சாந்தலிங்கசுவாமிகள் - சாந்தலிங்க அடிகளார், திருமடம் வெளியீடு, பேரூர், கோவை- 10
8. அ.மாணிக்கம் உரையாசிரியர் - பட்டினத்தார் பாடல்கள் மூலமும் உரையும், வர்த்தமானன் பதிப்பகம், 40, சரோஜினி தெரு, தியாகராயநகர், சென்னை -17.
9. தமிழண்ணல் - புதிய நோக்கில் தமிழ் இலக்கிய வரலாறு, மீனாட்சி புத்தக நிலையம், மதுரை
10. நல்லதமிழ் எழுத வேண்டுமா? -அ.கி. பரந்தாமனார், அல்லி நிலையம், சென்னை- 007
11. முனைவர்.பாக்கியமேரி-தமிழ் இலக்கிய வரலாறு-என்.சி.பி.எச். வெளியீடு. கோவை- 600098
12. திருவருட்பா-அருள் விளக்கம், மணிவாசகர் பதிப்பகம், சென்னை.
13. மு.வ. தமிழ் இலக்கிய வரலாறு சாகித்ய அகாடெமி, புதுதில்லி - 110 001.
14. செல்லாதபணம் -இமையம் கிரியா பப்ளிகேசன்ஸ், சென்னை.

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Seminar	Assignment	Group project	Total
8	8	10	8	8	8	50

Mapping

COS	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	M	-	H	H	M	H	-	-	-	-	L
CO2	-	-	H	-	M	M	L	H	-	L	-	-	L
CO3	-	-	H	-	M	H	H	M	-	L	-	-	L
CO4	-	-	H	-	H	M	L	H	-	-	-	-	-
CO5	-	-	H	-	M	L	M	H	-	-	-	-	L

H-High; M-Medium; L-Low;

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U1HIN202	PART – I : HINDI - II		
Semester : II	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

(Common to all UG Programmes)

कोर्स लक्ष्य : भारतीयता की साहित्य के माध्यम से पहचान कराना। कहानी के माध्यम से समकालीन समय के सच की पहचान कराना। हिंदी से अंग्रेजी में अनुवाद के माध्यम से भारतीय ज्ञान संपदा को अंतर्राष्ट्रीय स्तर तक पहुँचाने में छात्र को समर्थ बनाना। दैनन्दिन की बातचीत में हिंदी का निर्बाध प्रयोग करने में छात्र को सक्षम बनाना।

कोर्स परिणाम :

CO1	छात्रों में साहित्यिक अभिरुचि के साथ सामाजिक बोध बढ़ेगा। पत्राचार के क्षेत्र में वे स्वावलम्बी हो सकेंगे।
CO2	भारतीय भाषा के ज्ञान को विदेश तक पहुँचाने के क्षेत्र में क्षमता हासिल करेंगे।
CO3	राष्ट्रभाषा हिंदी से अंतर्राष्ट्रीय भाषा अंग्रेजी में सामग्री का अनुवाद करके छात्र हिंदी की ज्ञान संपदा बढ़ाने में कामयाब होंगे।
CO4	रोज़मरा जीवन में हिंदी को बोल पाने में कामयाब होंगे।
CO5	छात्र लघु कथाएँ लिखने में पारंगत होंगे।

Offered by : Hindi Department

अध्ययन विषयवस्तु

निर्देशात्मक घंटे / सप्ताह: 5

इकाई	विवरण	
I	आधुनिक काव्य : रश्मिरथी, रामधारीसिंह दिनकर	
		निर्देशात्मक घंटे 25
II	कहानी – 1. पूस की रात (प्रेमचन्द), 2. आकाशदीप (जयशंकर प्रसाद) 3. अकेली (मन्नू भंडारी), 4. खेल (जैनेन्द्र कुमार) 4. सच बोलने की भूल (यशपाल) 5. चीफ की दावत (भीष्म साहनी) 6. आरोहण (संजीव) 7.(कफन प्रेमचंद)	
		निर्देशात्मक घंटे 20
III	पत्र लेखन : (सरकारी पत्र, निजी पत्र, संपादक को पत्र, ज्ञापन, परिपत्र)	
		निर्देशात्मक घंटे 10
IV	अनुवाद : हिंदी से अंग्रेजी	
		निर्देशात्मक घंटे 10
V	बोलचाल हिंदी – 1. साक्षात्कार 2. अध्यापक-विद्यार्थी 3. ग्राहक-दूकानदार 4. डॉक्टर-मरीज 5. मुसाफिर-यात्री	
		निर्देशात्मक घंटे 10
		कुल घंटे 75

पाठ्यपुस्तक :

1. रामधारीसिंह दिनकर, रश्मिरथी।
2. कहानी
3. अनुवाद अभ्यास-3, (दक्षिण भारत हिंदी प्रचार सभा)
4. आदर्श पत्र लेखन
5. व्याकरण

संदर्भ ग्रंथ :

1. प्रोफ. नीरज एम., प्रामाणिक आलेखन और टिप्पणी, राजपाल एंड सन्स, काश्मीर गेट, नई दिल्ली।
2. नीलम कपूर, प्रयोजनमूलक हिंदी, श्री नटराज प्रकाशन, साउथ गारडी, नई दिल्ली-2
3. डॉ. मधुधवन, नवीन एकांकी संग्रह, सुमित्रा प्रकाशन, अशोक नगर, अलहाबाद-1

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Project	Total
8	8	10	8	8	8	50

Mapping

POS COS	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	M	-	L	H	M	-					
CO2	-	-	L	-	L	M	H	-					
CO3	-	-	H	-	M	H	M	-					
CO4	-	-	H	-	-	M	-	-					
CO5	-	-	M	-	L	-	L	-					

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title		
21U3MAA202	Allied Paper II : Business Statistics		
Semester : II	Credits : 4	CIA: 50 Marks	ESE: 50 Marks

(Common for B.Com / B.Com CA / B.Com PA / B.Com IT / B.Com Banking)

Course Objectives:

To learn the Statistical methods and apply them in Management situations.

Course Outcomes:

CO1	List different Types data collections and different Measures of Central Tendency
CO2	Classify various Measures of Dispersion
CO3	Understand the methods of finding correlation coefficient and the relationship between Correlation and Regression
CO4	Computer living indices and seasonal fluctuation for the given data
CO5	Understand the concepts of Hypothesis testing

Offered by: Mathematics

Course Content

Instructional Hours / Week : 6

Unit	Description	Text Book	Chapter
I	Statistics: Meaning and Definition of Statistics-Collection of data Primary and Secondary data– Classification and Tabulation of data-Diagrammatic and Graphical presentation.	1	1,3,5,6,
	Measures of Central Tendency: Mean, Median, Mode	1	7
	Instructional Hours		18
II	Measures of Dispersion: Range, Quartile Deviation, Mean Deviation, Standard Deviation and Co-efficient of Variation	1	8
	Instructional Hours		18
III	Correlation: Meaning and Definition – Scatter Diagram, Karl Pearson's co-efficient of Correlation- Spearman's Rank Correlation – Co-efficient of Concurrent deviation	1	12
	Regression Analysis: Meaning of regression and linear regression – Regression in two variables- Uses of Regression.	1	13
	Instructional Hours		18
IV	Index Numbers: Index Number – Un weighted and Weighted indices – Tests of index numbers – Consumers price and cost of living indices.	1	10
	Time Series: Definition- Uses- Components – Secular trend – Method of least square – Seasonal fluctuation – Method of Simple Average.	1	14
	Instructional Hours		18

V	Hypothesis :Introduction – Definition- Testing of Hypothesis – Types of Errors – Point of Estimation (only Theory)	2	3
	Analysis of Variance : One way and Two way classification- Simple problems.	2	5
Instructional Hours			18
Total Hours			90

Text Book(s):

1. P. A. Navanitham, Business Mathematics & Statistics, Jai Publishers, June 2008. (PART –II)

Unit – I	:	Chapter – 1, 3, 5, 6, 7
Unit – II	:	Chapter – 8
Unit – III	:	Chapter – 12 and 13
Unit – IV	:	Chapter- 10 and 14

2. S.P. Gupta, **Statistical Methods**, Sultan Chand & Sons, Educational Publishers, 2017. (PART – II)

Unit – V	:	Chapter – 3 Pg. Nos : 882- 894, Chapter - 5
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Reference Books:

1. S. C. Gupta and V. K. Kapoor, Fundamentals of Mathematical Statistics, S.Chand and Sons, Reprint, 2009.
2. S. P. Gupta and V. K. Kapoor, Fundamentals of Applied Statistics, Sultan Chand & Sons, Reprint 2016.

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Quiz	Seminar	Total
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	L	-	L	M	L	M	M	M	M	M	M	M
CO2	H	L	-	L	M	L	M	M	M	M	M	M	M
CO3	H	L	-	L	M	L	M	M	L	M	L	M	M
CO4	M	L	-	L	M	L	M	M	L	M	M	M	M
CO5	M	L	-	L	M	L	M	M	L	M	L	M	M

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U1FRN202	Part - I : French - II		
Semester : II	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

(Common to all UG Programmes)

Course Objective:

This course comprises of French grammar that aims to apply the grammatical structures in the language.

Course Outcomes:

Students will be able to

CO1	Acquire an understanding of French culture and use basic verbs.
CO2	Describe about a place, learn pronom en, y and adjectives.
CO3	Recall the tenses and learn Imparfait tense
CO4	Narrate about the weather and learn pronom COD and COI
CO5	Draft short passages, translate and comprehend.

Offered by : French Department

Course Content**Instructional Hours/Week : 5**

Unit	Description	
I	Gouter a la campagne	
		Instructional Hours 15
II	Voyager dans sa ville	
		Instructional Hours 15
III	Faire du neuf avec du vieux	
		Instructional Hours 15
IV	Changer d'air	
		Instructional Hours 15
V	Devenir eco-citoyen	
		Instructional Hours 15
		Total Hours 75

Text Book:

1. Saison 1 Méthode de Français – Marie-Noëlle Cocton, Anouchka De Oliveira, Dorothée Dupleix

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Group Project	Total
8	8	10	8	8	8	50

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	H	-	-	M	S	-	-	-	-	-	-
CO2	-	-	H	-	L	-	M	L	-	-	-	-	-
CO3	-	-	H	-	-	-	M	M	-	-	-	-	-
CO4	-	-	H	-	L	M	S	L	-	-	-	-	-
CO5	-	-	H	-	-	M	S	-	-	-	-	-	-

H-High; M-Medium; L-Low

Course designed by	Verified by	Checked by	Approved by

Course Code	Title		
21U2ENG202	Part II - English II		
Semester : II	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

(Common to All UG Programmes)

Course Objective:

To equip the students with the language skills and its functional usage. Facilitate the insight and taste of Literature.

Course Outcomes:

CO1	Mastering life skills through prose discourse.
CO2	Acquire ethics and values through poetic genre.
CO3	Recognise the nuances of English language through short stories.
CO4	Enhance fluency over language with self-confidence.
CO5	Examine how the language is used in literature and develop LSRW Skills

Offered by : English department**Course Content****Instructional Hours / Week : 5**

Unit	Description	Text Book	Chapter
I	Prose Sachin Tendulkar - Learning the Game Mahatma Gandhi - Women Not the Weaker Sex Issac Asimov - The Fun They had	2	
Instructional Hours			15
II	Poetry Robert Frost - Stopping by Woods on a Snowy Evening William Blake - A Poison Tree Oliver Goldsmith - The Village School Master	2	
Instructional Hours			15
III	Short Stories Mark Twain - The Cat and the Painkiller Japanese Folk Tale - The Envious Neighbour Khushwant Singh – Karma	1	
Instructional Hours			15
IV	Grammar Active and Passive Voices Direct and Indirect Speech Sentence Connectors and Linkers	1	
Instructional Hours			15

V	Oral & Written Communication (Unit I –IV)		
	Listening – Comprehension practice from Poetry, Prose, Online Voice Practice, observing/viewing E-content (with subtitles), Guest/Invited Lectures, Conference/Seminar Presentations & Tests, and DD National News Live, BBC, CNN, VOA etc		
	Speaking – In Group Discussion Forum, participate in the Turn Taking, and Conversation Management, Debating, Defending/Mock Viva-Voice, Seminar Presentations on Classroom-Assignments, and Peer-Team-interactions.		
	Reading – Different Reading Strategies in Poetry, Prose, Novel, Newspaper etc		
	Writing – Dialogue/Conversation Writing, Advertisement Writing, and Creative Writing (autobiography, article etc,) for publication in Mass Media.		
Instructional Hours			15
Total Hours			75

Books for study:

Unit I – V : Compiled by the PG & Research Department of English

Books for Reference:

1. CLIL (Content & Language Integrated Learning) – Module by TANSCHÉ

NOTE: (Text: Prescribed chapters or pages will be given to the students by the department and the college)

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Quiz	Total
8	8	10	8	8	8	50

Mapping

COS POS	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	H	H	M	M	H	H	-	L	-	-	-
CO2	H	M	H	H	M	H	H	H	-	L	-	-	-
CO3	H	M	H	M	H	H	H	H	-	-	-	-	-
CO4	H	H	H	M	H	H	H	H	-	-	-	-	-
CO5	H	M	H	H	H	H	H	H	-	L	L	-	-

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title		
21U3CCC204	Core Paper – IV Business Organization and Office Management		
Semester: II	Credits: 4	CIA : 50 Marks	ESE : 50 Marks

Course Objective:

The course aims to provide basic knowledge to the student about the organization and management of a business enterprise.

Course Outcomes (CO)

CO1	Knowledge on Business and Partnership firm, Joint stock company
CO2	Ability to identify sources of finance
CO3	Create a knowledge on Office, Office management and their functions
CO4	Inculcate Office Machines and Equipments
CO5	Understand the Office Administration, System and Procedures

Offered by: Commerce

Course Content

Instructional Hours / Week: 6

Unit	Description	Text Book	Chapter
I	Introduction – meaning - Nature and scope of Business – Forms of Business Organisation	1	1
	Sole Trader, Partnership Firm, Joint Stock Company and co-operative Society – Public Enterprises.	1	2
Instructional Hours			18
II	Location of Business – factors influencing location – Localization of industries – size of firms	1	3
	Source of Finance – Shares, Debentures, Public Deposits, Bank Credit and Trade Credit – Merits and demerits.	1	6
Instructional Hours			18
III	Office – Introduction – Meaning – Functions and Significance – Office Layout and Office Accommodation – Filing and indexing.	2	1
	Office Management – Elements – Functions – Rule for office manager – Functions of Office Manager	2	2
Instructional Hours			18
IV	Office Machines and Equipments – Data Processing System	2	9
	EDP – Uses and Limitations – office furniture	2	9
Instructional Hours			18
V	Office Administration – Objective – Functions of Administration Office Manager.	2	4
	Office System and Procedures – System Concept – Definition – System Analysis – Flow of Work – Analysis of Flow of work – Role of Office Manager in systems and Procedures	2	7
Instructional Hours			18
Total Hours			90

Text Book(s):

- 1.Y.K.Bhushan – Business Organisation and Management – Sultan Chand & Sons - 2010
- 2.R.K.Chopra – Office Management - Himalaya Publishing House – 2010

Reference Book(s):

1. Shukla – Business Organisation and Management – S.Chand & Company Ltd -2008.
2. Saksena - Business Organisation and Management – Sahitya Bhavan -2006

Tools for Assessment (50 Marks)

CIAI	CIA II	CIA III	Assignment	Seminar	Snap talk	Total
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	H	M	H	H	M	H	H	M	H	M	H
CO2	H	H	L	H	H	L	H	H	H	H	L	H	H
CO3	H	H	M	H	L	M	H	L	H	H	M	H	L
CO4	H	M	H	M	M	H	M	M	H	M	H	M	M
CO5	M	H	H	L	M	H	L	M	M	H	H	L	M

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3CCP205	Core Paper – V Computer Application Practical II (Tally ERP 9.0)		
Semester: II	Credits: 2	CIA : 25 Marks	ESE : 25 Marks

Course Objective:

Enable the students to know the basics of Tally Package and its concepts and to use the package for wide range of Business and Banking Applications.

Course Outcome:

CO1	Understanding about ledger and journal entries in Tally Package
CO2	Demonstrate vouchers and ledgers
CO3	Creating Inventories in Tally
CO4	Knowledge on Trial Balance and Balance sheet preparation
CO5	Gain Knowledge on creation of GST & TDS

Offered by: Commerce**Course Content****Instructional Hours / Week: 5**

Ex. No	Description	Use of package
1	Company creation and alteration Creation and alteration with VAT; tally vault password and security control for the company.	Tally ERP 9.0 software
2	Voucher, Ledger creation and alteration Creating the ledger in single and multiple ledgers and altering the ledger for the cash balances. Prepare the Trial Balance Preparation of the trial balance through using ledger and check the total balance of the ledger.	
3	Final account of the company Preparing the trading and profit and loss account and the balance sheet of the company with the help of trial balance. (With minimum five adjustments)	
4	Stock maintenance Create the godown entries for the various goods and various location.	
5	Cash less transactions Bank account statement with creditors and debtors (through Cheque passing and receiving)	
6	Expired goods Creation for the expiry date for the FMCG products and Medicines. (preparing the statement for expired goods)	
7	Bill wise statements Preparing the bill wise statement for the sundry debtors. (for the purpose sales dealing with the same debtors)	
8	Payroll Accounting Prepare payroll statement for employees (BP, DA, HRA, PF, etc.,)	
9	Bank Reconciliation Statement (BRS) Prepare BRS with 10 transactions	

10	TAX Create GST and TDS	
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Tools for Assessment (25 Marks)

Lab Performance			Test I	Test I	Observation Note	Total
Model	Report	Demonstration				
4	4	4	5	5	3	25

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	H	M	H	H	M	H	H	M	H	M	H
CO2	H	H	L	H	H	L	H	H	H	H	L	H	H
CO3	H	H	M	H	L	M	H	L	H	H	M	H	L
CO4	H	M	H	M	M	H	M	M	H	M	H	M	M
CO5	M	H	H	L	M	H	L	M	M	H	H	L	M

H - High; M - Medium; L - Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U1MAL202	Part - I : Malayalam - II		
Semester : II	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

Course Objective: വിദ്യാർത്ഥികളിൽ മലയാള ഭാഷയുടെ വികാസവും മലയാള സാഹിത്യത്തിൽ നോവലുകൾക്കുള്ള സ്ഥാനവും വായനാശീലവും വർദ്ധിപ്പിക്കുന്നു.

Course Outcomes:

CO1	സമൂഹത്തിലെ ഒരു വിഭാഗത്തിന്റെ ജീവിതം
CO2	പ്രകൃതിയും മറ്റു ജീവജാലങ്ങളുടെയും മാറ്റങ്ങൾ
CO3	പ്രകൃതി നാശത്തിനെതിരായി ഒന്നിച്ചു പ്രവർത്തിക്കുന്നു
CO4	സമൂഹത്തിലെ ഭാഷാസങ്കല്പം തിരിച്ചറിയുന്നു
CO5	നല്ല ഭാഷ എങ്ങനെ സൃഷ്ടിക്കാമെന്ന് മനസ്സിലാക്കുന്നു

Offered by : Malayalam Department

Course Content

Instructional Hours/Week: 5

Unit	Description
I	നോവൽ - എൻമകജെ
	Instructional Hours 15
II	നോവൽ - എൻമകജെ
	Instructional Hours 15
III	നോവൽ - എൻമകജെ
	Instructional Hours 15
IV	ഭാഷാപരിചയം - തെളിമലയാളം
	Instructional Hours 15
V	ഭാഷാപരിചയം - തെളിമലയാളം
	Instructional Hours 15
	Total Hours 75

പാഠപുസ്തകങ്ങൾ :

1. അംബികാസുതൻ മാങ്ങാട് - എൻമകജെ - ഡി.സി.ബുക്സ് കോട്ടയം
2. എം.എൻ.കാരശ്ശേരി - തെളിമലയാളം - ഡി.സി.ബുക്സ് കോട്ടയം

സഹായകഗ്രന്ഥങ്ങൾ :

1. പ്രൊഫ.എൻ.കൃഷ്ണപ്പിള്ള - കൈരളിയുടെ കഥ - ഡി.സി.ബുക്സ് കോട്ടയം
2. ഡോ. പത്മനാഭൻ രാമചന്ദ്രൻ നായർ - സമ്പൂർണ്ണമലയാള സാഹിത്യ ചരിത്രം - ഡി.സി.ബുക്സ് കോട്ടയം
3. ഡോ.കെ.എം. ജോർജ്ജ് - ആധുനിക മലയാള സാഹിത്യ ചരിത്രം പ്രസ്ഥാനങ്ങളിലൂടെ - ഡി.സി.ബുക്സ് കോട്ടയം

4. എരുമേലി - മലയാള സാഹിത്യം കാലഘട്ടത്തിലൂടെ - ഡി.സി.ബുക്ക് കോട്ടയം

Tools for Assessment (50 Marks)

CIA I	CIA II	CIAIII	Assignment	Seminar	Group Project	Total
8	8	10	8	8	8	50

Mapping

POs COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	H	H	H	H	-	-	-	-	-	-	-
CO2	-	-	H	M	H	M	-	-	-	-	-	-	-
CO3	-	-	M	M	M	H	-	-	-	-	-	-	-
CO4	-	-	L	H	L	H	-	-	-	-	-	-	-
CO5	-	-	L	M	L	H	-	-	-	-	-	-	-

S-Strong; H-High; M-Medium; L-Low;

Course designed by	Verified by	Checked by	Approved by

Course Code	Title	
21U4HRC202	Ability Enhancement Compulsory Course : Human Rights and Constitution of India	
Semester: II	Credits: 2	Maximum Marks (CIA) : 50

Course Outcomes:

CO1	Understand the principal aspects of human rights and duties in a broad sweep.
CO2	Understand the Fundamental Duties and Rights of Indian Citizen
CO3	Understand the Human Rights of Women and Children
CO4	Understand the structure and importance of Indian Constitution
CO5	Understand the concept of Federalism in India

Course Content**Instructional Hours / Week: 2**

Unit	Description
I	An Introduction to Human Rights :Values – Dignity, Liberty, Equality, Justice, Unity in Diversity - Human Rights – Meaning and features; Significance of the study- Classification of Human Rights - Rights and Duties – Correlation
	Instructional Hours 6
II	Human Rights and Fundamental Rights - Fundamental Rights and Fundamental Duties - Directive Principles - Role of Judiciary in the protection of Human Rights- National Human Rights Commission <i>Activity : Case Study related to Human Rights</i>
	Instructional Hours 6
III	Human Rights of Women and Children- Social Practice and Constitutional Safeguards – Female foeticide and infanticide-Physical assault and Harassment- Domestic violence- Conditions of Working Women <i>Activity : Conduct a Group Discussion on the above topics</i>
	Instructional Hours 6
IV	Constitution – Structure and Principles - Meaning and importance of Constitution - Making of Indian Constitution –Sources - Salient features of Indian Constitution- Government of Union- Government of State-Features of judicial system in India
	Instructional Hours 6
V	Federalism in India – Features - Local Government -Panchayat –Powers and functions-Election Commission –Organisation and functions-Citizen oriented measures – RTI – Provisions and significance <i>Activity : Seminar/ Role play related to Indian Constitution</i>
	Instructional Hours 6
	Total Hours 30

Text Book:

1. “Human Rights and Constitution of India”, Compiled by Curriculum Development Cell, Nehru Arts and Science College.

10 marks	10 marks	5 marks	25 marks
Case Study and Report submission	Seminar / Role play	Group Discussion	Comprehensive test for 5×5 = 25 marks

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	-	L	H	H	H	H	M	L	L	H	M
CO2	-	-	-	L	H	H	H	H	L	L	L	H	M
CO3	-	-	-	L	H	H	H	H	L	L	L	H	M
CO4	-	-	-	L	H	H	H	H	M	M	L	M	M
CO5	-	-	-	L	H	H	H	H	L	L	L	M	M

Course Designed by	Verified by	Checked by	Approved by

Course Code	Title	
21U4HVVY201	Value Education : Human Values and Yoga Practice I	
Semesters : I & II	Credits : 2	CIA : 50 Marks

(Common to all UG Programmes)

Course Objective:

- To help the students appreciate the essential complementarity between 'values' and 'skills' to ensure sustained happiness and prosperity, which are the core aspirations of all human beings.
- To prepare and distribute standardized Yoga teaching and training material with reference to institute health.

Course Outcomes:

CO1	To know the importance of Ethics to be followed in the Human life.
CO2	To inculcate a sense of respect towards harnessing values of life and spirit of fulfilling social responsibilities.
CO3	To gain knowledge about the values that develop life skills.
CO4	To understand and Practice Meditation & Surya Namaskar.
CO5	To understand and apply the knowledge for physical health and well being through Simple exercises.

Course Content**Instructional Hours / Week : 1 (For Semesters I and II)**

Unit	Description
I	Human Values – Introduction - Definition of Ethics and Values - Character and Conduct - Nature and Scope of Ethics.
	Instructional Hours 6
II	Individual and Society - Theories of Society - Social Relationships and Society - Empathy: Compassion towards other being - Environmental Ethics and Nature.
	Instructional Hours 6
III	Cultural Education - Purity India - Patriotism - Time management. Greatness of Womanhood - Food is medicine- Individual peace -World Peace.
	Instructional Hours 6
IV	Power of Meditation - Development of mind in stages - Mental Frequencies Methods for Concentration. Meditation Practices - Surya Namaskar.
	Instructional Hours 6
V	Simplified Physical Exercises – Kayakalpa Practices - Training for Potentialising the Mind.
	Instructional Hours 6
	Total Hours 30

Text book:

1. "Value Education I ", compiled by Curriculum Development cell, Nehru Arts and Science College.

Tools for Assessment

25 marks	25 marks
Comprehensive test in Units I to III for 25 marks during CIA III of Sem. II	Perform 02 Yoga postures for Practical exam to be conducted during the mid. of Sem. II

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	-	H	L	M	H	H	L	L	-	-	-
CO2	-	-	-	L	M	H	M	H	L	L	-	-	-
CO3	-	-	-	L	M	H	S	H	L	-	-	-	-
CO4	-	-	-	L	L	H	M	H	-	-	-	-	-
CO5	-	-	-	L	L	H	M	H	-	-	-	-	-

H-High; M-Medium; L-Low

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3ACC306	Core Paper – VI Corporate Accounting		
Semester : III	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

(Common to B.Com. / B.Com CA/ B.Com PA / B.Com IT / B.Com Banking)

Course Objective:

To enhance the students to understand the accounting procedure and concepts of the various forms of companies

Course Outcomes

CO1	Knowledge on issue of shares
CO2	Understand the concepts of redemption of shares and debentures
CO3	Capability to prepare final accounts of companies and compute managerial remuneration
CO4	Able to know amalgamation absorption reconstruction with necessary legal provision
CO5	Helps in valuation of goodwill and shares

Offered by: Commerce

Course Content

Instructional Hours / Week: 6

Unit	Description	Text Book	Chapter
I	Issue of shares: At Par, At Premium and At Discount – forfeiture of shares - Reissue – Surrender of Shares- Right issue	1	1
	Underwriting of Shares	1	2
	Instructional Hours		18
II	Redemption of Preference Shares	1	3
	Debentures – issue – Redemption : Sinking Fund Method	1	4
	Instructional Hours		18
III	Preparation of Company Final Accounts with reference to Part II schedule VI of Indian companies (Amended) Act, Computation of Managerial Remuneration.	1	7
	Instructional Hours		18
IV	Amalgamation, Absorption and Reconstruction (Internal & External) (Simple problems only) – Liquidation of Companies	1	22
	Instructional Hours		18
V	Valuation of goodwill, Methods; Valuation of Shares, Need for valuation	1	11
	Instructional Hours		18
	Total Hours		90

NOTE: Distribution of Marks: Theory 20% and Problems 80%

Text Book(s):

1. Reddy & Murthy, **Corporate Accounting**, Margham Publications, Chennai, 2015.

Reference Book(s):

1. Gupta R.L. & Radhaswamy M., **Corporate Accounts- Theory Method and Application**, 13th Revised Edition, Sultan Chand & Co., New Delhi, 2006
2. S.P. Jain & K.L. Narang, **Advanced Accounting**, Kalyani Publications, New Delhi, 2015
3. Arulanandam M.A., and Raman K.S., **Advanced Accountancy, Part-I**, Himalaya Publications, New Delhi. 2003.
4. Shukla M.C., Grewal T.S. & Gupta S.L. **Advanced Accountancy**, S. Chand & Co., New Delhi.

Tools for Assessment (50 Marks)

CIA I	CIAII	CIA III	Assignment	Worksheet	Class Participation	Total
8	8	10	8	8	8	50

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	H	M	M	M	H	M	H	H	M	M	H
CO2	H	M	M	M	H	H	M	M	H	H	M	M	M
CO3	H	M	L	H	M	H	L	M	H	H	H	M	M
CO4	H	M	M	M	M	H	M	M	M	H	M	L	L
CO5	H	M	H	L	M	M	H	M	M	M	H	M	L

H - High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3CCC307	Core Paper – VII Database Management System		
Semester: III	Credits: 4	CIA : 50 Marks	ESE : 50 Marks

Course Objective

Enable the students to interpret the Architectural Concept, Structural Embedded SQL, Hierarchical Approach and Network Concept.

Course Outcomes (CO)

CO1	Define the principles and concepts of database management system
CO2	Classify the difference between various queries
CO3	Construct normalization based on functional dependency
CO4	Categorize the basic storage structures and access techniques
CO5	Define the data integrity in database

Offered by: Commerce

Course Content

Instructional Hours / Week: 5

Unit	Description	Text Book	Chapter
I	Introduction to DBMS: Database Systems-Organization of Database-Characteristics of Data –Functions of DBMS Components of DBMS-Data Dictionary-Database Users: Database Administrator-Designers-End User	1	1
	Instructional Hours		14
II	Database Architecture and Design: Architecture-Abstraction-Independency-Languages. Design Constraints	1	2
	Data Models: Hierarchical Model –Network Model-Relational Model-E-R Model-Object –Oriented Model.	1	3
	Instructional Hours		14
III	SQL: Characteristics - Data Types-Literals-SQL Comments- SQL Operators – Keys – Primary key and foreign key.	1	12
	Tables: Create – Modify - Delete .View: Create-Manipulation - Data Query.	1	14
	Normalization: First, Second, Third, Fourth and Fifth Normal Forms, Good and bad decomposition.	2	14
	Instructional Hours		15
IV	Data Storage: Storage Devices-Magnetic Tape-Magnetic Disk-Optical Disk-MO Drive	1	23
	Query Processing: Sub-Query Indexing	1	26
	Instructional Hours		15
	Implementation and Issues: Data base Security – Risk - Dimensions-Requirements-Protecting Data with Database.	1	27

V	Data Integrity: General Constraints-Domain Constraints- Basic Table Constraints. Network Security.	1	28
Instructional Hours			15
VI	CONTEMPORARY ISSUES		
	Expert lectures, online quizzes – webinars		
Instructional Hours			02
Total Hours			75

Text Book(s):

1. Alexis Leon & Mathews Leon, **Fundamentals of Database Management Systems**, Vijay Nicole Imprints Private Limited, 2006.
2. C.J.Date, **An introduction to Database Systems**, Pearson Publishers, Seventh Edition, 2000

Reference Book(s):

1. Bipin C Desai, **An Introduction to Database Systems**, Galgotia Publications Pvt. Ltd., 2010.
2. Jain MadhuLika, **Introduction to Database Management System**, BPB Publications, 2010.

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	Total
8	8	10	8	8	8	50

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	M	M	M	M	M	M	M	H	M	M	L
CO2	H	H	H	M	M	M	M	M	H	H	M	M	L
CO3	H	H	M	M	H	M	M	M	M	M	M	L	L
CO4	H	H	H	M	H	M	L	L	M	H	M	L	L
CO5	M	H	H	M	M	L	L	M	M	M	M	M	L

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3CCP308	Core Paper –VIII Oracle Practical		
Semester: III	Credits: 4	CIA : 50 Marks	ESE : 50 Marks

Course Objective

To understand the Database Architectural Concept, Hierarchical approach and Network Concept.

Course Outcomes (CO)

CO1	Knowledge of creating a table retrieves records and calculate GP
CO2	Able to extract records from table with constraints
CO3	Ability to create table and aware of doing calculation in table with constraints
CO4	Implementing mathematical functions in Oracle
CO5	Ability to create and manipulate payroll library and loan management system in Oracle

Offered by: Commerce

Course Content

Instructional Hours / Week: 4

S. No.	List of Programs
(7 Programs)	
Computer Lab	
1.	Create a table "Company" with the following fields and insert the values for 10 employees. Field Name, Field Type, Field Size- Company Name Character 15, Proprietor Character 15, Address Character 25, Supplier Name Character 15, No of employees Number 4, GP Percent Number 6 with 2 decimal places. Queries: a) Display all the records of the company which are in the ascending order of GP percent. b) Display the name of the company whose supplier name is "Telco". c) Display the details of the company whose GP percent is greater than 20 and order by GP Percent. d) Display the detail of the company having the employee ranging from 300 to1000. e) Display the name of the company whose supplier is same as the Tata's.
2.	Create a table named "Employee" with the following fields and insert the values. Field Name, Field Type, Field Size- Employee Name Character 15 Employee Code Number 6 Address Character 25 Designation Character 15 Grade Character 1 Date of Join Date - Salary Number 10 with 2 decimal places. Queries: a) Display the name of the employee whose salary is greater than Rs.10,000

	<p>b) Display the details of employees in ascending order according g to Employee Code.</p> <p>c) Display the total salary of the employees whose grade is "A"</p> <p>d) Display the details of the employee earning the highest salary.</p> <p>e) Display the names of the employees who earn more than "Ravi"</p>
3.	<p>Create a table "Student" with the following fields and insert the values:. Field Name, Field Type, Field Size- Size Student Name Character 15 Gender Character 6 Roll No Character 10 Department Name Character 15 Address Character 25 Percentage Number 4 with 2 decimal places</p> <p>Queries:</p> <p>a) Calculate the average percentage of students.</p> <p>b) Display the names of the students whose percentage is greater than 80.</p> <p>c) Display the details of the student who got the highest percentage.</p> <p>d) Display the details of the students whose percentage is between 50 and 70.</p> <p>e) Display the details of the students whose percentage is greater than the percentage of the roll no=12CA01.</p>
4.	<p>Create a table "Product" with the following fields and insert the values: Field Name, Field Type, Field Size- Product No Number 6 Product Name Character 15 Unit of Measure Character 15 Quantity Number 6 with decimal places Total Amount Number 8 with decimal places</p> <p>Queries:</p> <p>a) Using update statements calculate the total amount and then select the record.</p> <p>b) Select the records whose unit of measure is "Kg".</p> <p>c) Select the records whose quantity is greater than 10 and less than or equal to 20.</p> <p>d) Calculate the entire total amount by using sum operation.</p> <p>e) Calculate the number of records whose unit price is greater than 50 with count operation.</p>
5.	<p>Create the table PAYROLL with the following fields and insert the values: Field Name, Field Type, Field Size- Employee No Number 8 Employee Name Character 8 Department Character 10 Basic Pay Number 8 with 2 decimal places HRA Number 6 with 2 decimal places DA Number 6 with 2 decimal places PF Number 6 with 2 decimal places Net Pay Number 8 with 2 decimal places</p> <p>Queries:</p> <p>a) Update the records to calculate the net pay.</p> <p>b) Arrange the records of the employees in ascending order of their net pay.</p> <p>c) Display the details of the employees whose department is "Sales".</p> <p>d) Select the details of employees whose $HRA \geq 1000$ and $DA \leq 900$.</p> <p>e) Select the records in descending order.</p>
6.	<p>Create a Table Publisher and Book with the following fields: Field Name, Field Type, Field Size- Publisher Code Var Char 5 Publisher Name Var Char 10 Publisher city Var Char 12 Publisher State Var Char 10 Title of book Var Char 15 Book Code Var Char 5 Book Price Var Char 5</p> <p>Queries:</p> <p>a) Insert the records into the table publisher and book.</p> <p>b) Describe the structure of the tables.</p> <p>c) Show the details of the book with the title "DBMS".</p> <p>d) Show the details of the book with $price > 300$.</p> <p>e) Show the details of the book with publisher name "Kalyani".</p>

f) Select the book code, book title; publisher city is "Delhi". g) Select the book code, book title and sort by book price. h) Count the number of books of publisher starts with "Sultan chand". i) Find the name of the publisher starting with "S".	
7.	Create a table Deposit and loan with the following fields: Field Name, Field Type, Field Size-Account Var Char 6 Branch Name Var Char 15 Customer Name Var Char 20 Balance Amount Var Char 10 Loan Number Var Char 7 Loan Amount Var Char 6 Queries: a) Insert the records into the table. b) Describe the structure of the table. c) Display the records of Deposit and Loan. d) Find the number of loans with amount between 10000 and 50000. e) List in the alphabetical order the names of all customers who have a loan at the Coimbatore branch. f) Find the average account balance at the Coimbatore branch. g) Update deposits to add interest at 5% to the balance. h) Arrange the records in descending order of the loan amount. i) Find the total amount of deposit in 'Erode' branch.
Total Hours : 60	

Tools for Assessment (25 Marks)

Creative Thinking	Lab Performance	Report	Test 1	Test 2	Observation Note	Total
8	8	8	10	10	6	50

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	H	M	M	M	M	M	M	H	H	M	M	M
CO2	H	M	H	M	M	M	L	M	M	M	M	L	L
CO3	M	H	H	M	M	M	M	L	H	H	M	M	L
CO4	H	H	M	H	M	M	L	M	H	H	M	M	M
CO5	M	H	H	H	M	M	L	L	M	M	M	M	L

H-High;M-Medium;L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3ACA303	Allied Paper – III Managerial Economics		
Semester : III	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

[Common to B.Com/ B.Com CA/ B.Com PA/ B.Com IT & B.Com Banking]

Course Objective:

To gain knowledge about the concepts, tools and principles in the field of Economics

Course Outcomes:

CO1	Find knowledge in economic theories and its application in business
CO2	Outline and analyze the market demand
CO3	Build decisions in production process
CO4	Test for pricing strategies and pricing decisions
CO5	Analyse operations of markets under varying competitive conditions

Offered by: Commerce

Course Content

Instructional Hours / Week : 5

Unit	Description	Text Book	Chapter
I	Managerial Economics: Meaning and Definition - Nature and Scope -		
	Economic Theory and Managerial Theory -	1	1
	Divisions of Managerial Economics		
	Goals of a firm	2	1
Instructional Hours			15
II	Demand Analysis: Meaning, Determinants of Demand, Law of Demand and Types of Demand – Law of Diminishing Marginal Utility. Elasticity of Demand, Determinants of Elasticity of Demand and Types of Elasticity of Demand.		4
	Demand Forecasting	1	6
	Demand Distinctions	1	5
Instructional Hours			15
III	Production: Factors of Production, Production Function.	1	7
	Type of cost of Production – Long run and Short run cost Curve		
	Production Possibility Curve		
Instructional Hours			15
IV	Pricing Methods, Pricing Policies and Practices	3	19 & 20
	Government intervention in Market	1	33
	MRPT Act 1969	1	35
Instructional Hours			15
V	Markets: Different types of Markets and its Characteristics	2	7
	Pricing under Perfect Competition, Monopoly, Monopolistic competition, Oligopoly and duopoly.	2	8, 9, 10 & 11
Instructional Hours			15
Total Hours			75

Note: Distribution of Marks: Theory 100%

Text Book(s) :

1. S. Sankaran, Managerial Economics, Margham Publications, Chennai, 2014
2. S. Sankaran, Business Economics, Margham Publications, Chennai, 2014
3. R. L. Varshney and K. L. Maheshwari, Managerial Economics, Sulthan Chand and Sons, New Delhi, 2004.

Reference Book(s) :

1. S. Sankaran, Economic Analysis, Margham Publications, Chennai, 2003.
2. D. Gopalakrishna, Managerial Economics, Himalaya Publishing House, Mumbai, 2013.
3. Alak Gosh and Biswanath Gosh, Managerial Economics, Kalyani Publications, 2010.
4. Saroj Kumar and Sarita, Managerial Economics, Thakur Publishers, Chennai, 2011.

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	TOTAL
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	H	H	M	L	H	M	H	H	H	H	M	L
CO2	H	M	M	M	H	M	H	M	H	M	M	M	H
CO3	H	M	M	L	H	H	M	H	H	M	M	L	H
CO4	M	M	M	M	M	L	H	M	M	M	M	M	M
CO5	M	H	H	M	M	H	L	H	M	H	H	M	M

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U4ACS301	Skill Based Paper – I Quantitative Aptitude for Skill Enhancement		
Semester : III	Credits : 3	CIA : 30 Marks	ESE : 45 Marks

(Common to B.Com CA / B.Com Banking)

Course Objective:

To make the student to development their mental ability and to practice and develop skills for facing Bank and competitive Exam

Course Outcomes:

CO1	Demonstrate the knowledge of Number system, and application of Average, percentage and Profit and Loss
CO2	Demonstrate the usage of Ratio & Proportion Arithmetic reasoning
CO3	Understanding the concepts in Time, speed distance and work related Problems
CO4	Ability to calculate rate of Interest, and predict the probability of events
CO5	Enhancement for logical thinking.

Offered by: Commerce

Course Content

Instructional Hours / Week : 5

Unit	Description	Text Book	Chapter
I	Number System – Simplification - Average- Percentage – Profit and Loss	1	1,4, 6, 11, 12
Instructional Hours			15
II	Problems on ages -Ratio and proportion – Arithmetic Reasoning	1	8, 13, 4
Instructional Hours			15
III	Time and Work ,Pipes & Cistern, Time, Speed and Distance, Problems on trains, Boats & Streams	1	16, 17, 18, 19, 20
Instructional Hours			15
IV	Simple & Compound Interest, Permutation & Combination, Probability	1	22, 23, 30, 31
Instructional Hours			15
V	Blood Relation - Number Series - Direction Sense - Nonverbal Reasoning	2	5,1,8, Part-II -1,2,4
Instructional Hours			15
Total Hours			75

Text Book(s) :

1. R.S. Agarwal – Quantitative Aptitude - S.Chand - New revised Edition 2020
2. A Modern Approach to Verbal and Nonverbal Reasoning – R.S. Agarwal – Revised Edition 2009

Reference Book(s) :

1. Logical and Analytical Reasoning – A.K. Gupta – Ramesh publishing house – 2016 Paper Back edition

Tools for Assessment (30 Marks)

CIA I	CIA II	CIA III	Assignment	Work Sheet	Class Performance	Total
4	4	7	5	5	5	30

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	M	L	L	M	M	H	H	H	H	L	M
CO2	H	M	M	L	L	M	M	H	H	M	M	M	H
CO3	H	M	M	L	L	M	M	H	H	M	M	H	L
CO4	H	M	M	L	L	M	M	H	H	H	H	L	M
CO5	H	M	M	L	L	M	M	H	H	M	M	M	H

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title	
21U4NM3BT1	Part IV – BASIC TAMIL - I	
Semester: III	Credits: 2	CIA : 50 Marks

(Common to all UG Programmes)

Course Objective: தமிழ் மொழியைக் கற்பித்தல் – மொழித்திறனை வளர்த்தல்**Course Outcomes:**

CO1	தமிழ் எழுத்துக்கள் அறிமுகம் செய்தல் மற்றும் வாசித்தல் ஆகியவற்றின் பயன்பாட்டை அறியச் செய்தல்.
CO2	பிறமொழி கற்றல் ஆர்வம் தூண்டல்.
CO3	பிறமொழி அறிவுத் திறன் மேம்படச் செய்தல்.
CO4	வார்த்தை அமைக்கும் திறன் பெறச் செய்தல்.
CO5	கையெழுத்துத்திறன் பெறச் செய்தல்.

Offered by : தமிழ்த்துறை**Course Content****Instructional Hours / Week: 2**

Unit	Description
I	தமிழ் மொழியின் அடிப்படைக் கூறுகள்
	1. எழுத்துக்கள் - உயிர் எழுத்துக்கள் 2. மெய் எழுத்துக்கள் 3. உயிர்மெய் எழுத்துக்கள்
Instructional Hours 10	
II	சொல் அமைத்தல்
	1. ஓர் எழுத்து ஒரு மொழி 2. இரண்டு முதல் ஐந்து எழுத்துச் சொற்கள் 3. தமிழ் மாதங்கள் பெயர், கிழமைகளின் பெயர் 4. வண்ணங்கள் பெயர் 5. சொல் ஆக்கம்
Instructional Hours 5	
III	தொடரமைப்பு
	1. எழுவாய் 2. செயப்படுபொருள் 3. பயனிலை
Instructional Hours 5	
IV	குறிப்பு எழுதுதல்
	1. தொடரமைப்பு 2. பத்தி அமைப்பு
Instructional Hours 5	
V	பிழை நீக்குதல்
	1. ஒற்றுப்பிழை 2. வாக்கியப் பிழை
Instructional Hours 5	
Total Hours 30	

பாடத்தொகுப்பு :

இளங்கலை தமிழ் மாணவர்களுக்குரிய பாட நூல் “அரிச்சுவடி”

தொகுப்பு: தமிழ்த்துறை, நேரு கலை அறிவியல் கல்லூரி, கோயம்புத்தூர்.

பார்வை நூல்கள்:

1. பவணந்தி முனிவர், நன்னூல் பூலியூர்க்கேசிகன் உரை,சாரதா பதிப்பகம், சென்னை – 40.
2. தொல்காப்பியம், கணேசஜயர் பதிப்பு, உலகத் தமிழாராய்ச்சி நிறுவனம், சென்னை – 113.
3. அ.கி.பரந்தாமனார் – நல்லதமிழ் எழுதவேண்டுமா? அல்லி நிலையம், சென்னை – 007.

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Writing Skills	Reading Skills	Translation Knowledge	Total
8	8	10	8	8	8	50

Mapping

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	H	-	H	M	H	H	-	L	-	-	L
CO2	-	-	H	-	M	M	L	H	-	L	-	-	L
CO3	-	-	H	-	L	M	M	H	-	L	-	-	-
CO4	-	-	M	-	L	M	H	M	-	-	-	-	L
CO5	-	-	H	-	M	M	H	H	-	-	-	-	-

H-High; M-Medium; L-Low;

Course Designed by	Verified by	Checked by	Approved by

Course Code	Title	
21U4NM3AT1	Part IV – Advanced Tamil - I	
Semester : III	Credits : 2	ESE : 50 Marks

(Common to all UG Programmes)

Course Objective : புதுக்கவிதை உருவாக்கும் திறன் வளர்த்தல்- மொழித்திறன் மேம்படுத்தல்
Course Outcomes :

CO1	புதுக்கவிதை உருவாக்கும் திறன் வளர்த்தல்
CO2	தொடர் மற்றும் பத்திகளில் பிழையின்றி எழுதச் செய்தல்
CO3	மொழியைப் பிழையின்றிப் பேச, எழுதும் திறன்பெறச் செய்தல்
CO4	கடிதம் எழுதுதல் மற்றும் மொழியறிவைப் பெறுதல்.
CO5	படைப்பாக்கத்திறன் அறிவுபெறச் செய்தல்.

Offered by : தமிழ்த்துறை

Course Content

Instructional Hours / Week : 2

Unit	Description	Instructional Hours
I	புதுக்கவிதை	
	1. பாரதியார்-புதுமைப்பெண் 2. பாரதிதாசன் - இருண்டவீடு	
	Instructional Hours	10
II	பிழை நீக்குதல்	
	1. வார்த்தைப் பிழை நீக்கம் 2. தொடர் பிழை நீக்கம் 3. பத்தி எழுதச் செய்தல்	
	Instructional Hours	5
III	இலக்கணப் பயிற்சி அளித்தல்	
	1. தொகைநிலைத் தொடர் 2. தொகாநிலைத் தொடர் 3. ஆகுபெயர், ஆகுபெயர் வகைகள்	
	Instructional Hours	5
IV	கடிதம் எழுதுதல்	
	1. பாராட்டுக் கடிதம் 2. நன்றிக் கடிதம் 3. அழைப்புக் கடிதம் 4. அலுவலகக் கடிதம்	
	Instructional Hours	5
V	இலக்கிய வரலாறு	
	1. புதுக்கவிதையின் தோற்றமும் வளர்ச்சியும் 2. பாரதியார்- குறிப்பு வரைக. 3. பாரதிதாசன் - குறிப்பு வரைக.	
	Instructional Hours	5
	Total Hours	30

பாடத்தொகுப்பு

இளங்கலை முதலாம் ஆண்டு தமிழ் மாணவர்களுக்குரிய பாடநூல் “திரட்டு”
 தொகுப்பு: தமிழ்த்துறை, நேரு கலை மற்றும் அறிவியல் கல்லூரி, கோயம்புத்தூர் - 105

பார்வை நூல்கள்

1. பாரதியார் – பாரதியார் கவிதைகள், அபிராமிபதிப்பகம், 7- பி, கொடிமரத் தெரு, சென்னை- 013
2. பவணந்திமுனிவர்-நன்னூல் பூலியூர்க்கேசிகன் உரை, சாரதா பதிப்பகம், சென்னை-040
3. தமிழண்ணல் - புதியநோக்கில் தமிழ் இலக்கிய வரலாறு, மீனாட்சி புத்தக நிலையம், மதுரை-001.
4. அ.கி. பரந்தாமனார்-நல்லதமிழ் எழுத வேண்டுமா? அல்லிநிலையம், சென்னை- 600 007.
5. கா.கோ.வேங்கடராமன்- தமிழ் இலக்கிய வரலாறு தமிழ்மண் பதிப்பகம் - நாமக்கல்.
6. மாணவர் தமிழ் இலக்கணம் - புலவர்.கவியழகன், எம்.ஏ., சூடாமணி பிரகரம், சென்னை-083.

Mapping

COS	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	M	-	M	L	L	M	L	-	M	-	L
CO2	-	-	H	-	M	H	M	H	-	-	-	-	L
CO3	-	-	H	-	L	L	H	H	-	-	-	-	L
CO4	-	-	H	-	M	L	M	H	-	-	-	-	-
CO5	-	-	M	-	M	L	M	H	-	-	-	-	L

H-High; M-Medium; L-Low;

Course Designed by	Verified by	Checked by	Approved by

Course Code	Title	
21U4NM3CAF	Non Major Elective : Consumer Affairs	
Semester : III	Credits : 2	ESE : 50 Marks

(Common to all UG Programmes)

Course Outcomes:

On successful completion of the course, the students will be able to

CO1	Know their rights and responsibilities as a consumer
CO2	Gain knowledge about Legal framework of protecting consumer rights
CO3	Understand the procedure about redressal of consumer complaints
CO4	Learn about Consumer related regulatory agencies and norms
CO5	Comprehend business firms, interface with consumers

Course Content**Instructional Hours / Week : 2**

Unit	Description	Text Book
I	Conceptual Framework Consumer and Markets: Concept of Consumer, Nature of markets: Liberalization and Globalization of markets with special reference to Indian Consumer Markets, Concept of Price in Retail and Wholesale, Maximum Retail Price (MRP), Fair Price, GST, labeling and packaging along with relevant laws, Legal Metrology.	1
	Consumer Complaining Behaviour: Alternatives available to Dissatisfied Consumers; Complaint Handling Process	1
	InstructionalHours	6
II	The Consumer Protection Law in India Objectives and Basic Concepts: Consumer rights and UN Guidelines on consumer protection, Consumer goods, defect in goods, spurious goods and services, deficiency in service, unfair trade practice.	1
	InstructionalHours	6
III	Grievance Redressal Mechanism under the Indian Consumer Protection Law Who can file a complaint? Grounds of filing a complaint; Limitation period; Procedure for filing and hearing of a complaint; Disposal of cases, Relief/Remedy available; Temporary Injunction, Offences and penalties.	1
	InstructionalHours	6
IV	Role of Industry Regulators in Consumer Protection – industry self-regulation (ISR), Protection policies, Consumer Protection Agencies i. Telecommunication: TRAI ii. Food Products: FSSAI iii. Insurance : IRDA and Insurance Ombudsman	1
	Instructional Hours	6

V	Contemporary Issues in Consumer Affairs	
	Consumer Movement in India: Formation of consumer organizations and their role in consumer protection, Misleading Advertisements and sustainable consumption, National Consumer Helpline, Comparative Product testing.	1
	Quality and Standardization: Voluntary and Mandatory standards; Role of BIS, Indian Standards Mark (ISI), Ag-mark, Hallmarking, Licensing and Surveillance.	1
Instructional Hours		6
Total Hours		30

Text book

1. “Consumer Affairs”, Compiled by Department of Business Administration, Nehru Arts and Science College.

Suggested Readings

1. Khanna, Sri Ram, Savita Hanspal, Sheetal Kapoor, and H.K. Awasthi. (2007) Consumer Affairs, Universities Press.
2. Choudhary, Ram Naresh Prasad (2005). Consumer Protection Law Provisions and Procedure, Deep and Deep Publications Pvt Ltd.
3. G. Ganesan and M. Sumathy. (2012). Globalisation and Consumerism: Issues and Challenges, Regal Publications
4. Suresh Misra and Sapna Chadah (2012). Consumer Protection in India: Issues and Concerns, IIPA, New Delhi
5. Rajyalaxmi Rao (2012), Consumer is King, Universal Law Publishing Company
6. Girimaji, Pushpa (2002). Consumer Right for Everyone, Penguin Books.

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	L	-	-	-	M	H	H	M	M	L	-	-	-
CO2	L	-	-	-	M	H	H	M	M	L	-	-	-
CO3	L	-	-	-	M	H	M	M	M	L	-	-	-
CO4	L	-	-	-	M	H	H	M	M	L	-	-	-
CO5	L	-	-	-	M	H	H	M	L	L	-	-	-

H-High; M-Medium; L-Low

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title	
21U4NM3GTS	Non Major Elective : Gandhian Thoughts	
Semester : III	Credits : 2	ESE : 50 Marks

(Common to all UG Programmes)

Course Objective:

To make the Students understand the philosophies of Gandhiji and fulfill their duties and responsibilities towards the society.

Course Outcomes:

On successful completion of the course, the students will be able to

CO1	Aware about the significance of Gandhian thought
CO2	Understand the applicability of Gandhian methods in the contemporary economic and social demines.
CO3	Analyze the area of truth, non-violence and peace.
CO4	Familiarize with the view of Gandhiji on women
CO5	Delineate the framework of democracy in Gandhian perspective

Course Content**Instructional Hours/Week : 2**

Unit	Description	Text Book
I	Educational Philosophy of Gandhiji: Definitions on Education - What is True Education? - Gandhiji's New Scheme of Education - Wardha Scheme of Education - Main Aims of Gandhian Education - Why Gandhiji's Scheme of Education was Called 'Basic Education?' - Features of the Wardha Scheme of Education - Features of Basic Education - The Methodology of Basic Education - The Content of Basic Education - Routine Work of a Basic School	1
Instructional Hours		6
II	Gandhian Concept of Correlation of Studies - Technique of Correlation - The Place of Teacher in Basic Education - Merits of Basic Education - Educational Scenario after Independence - Influences of Gandhiji on Education Commissions - Basic Schools in the Present Society - Education for Peace – A Gandhian View - Why Basic Education is called a Holistic Model	1
Instructional Hours		6
III	Gandhiji's View on Truth and Non-Violence : Gandhiji's Words about Truth - Meaning of Truth, Truth is God - Truth and God - The Importance of Truth in Human Life - Absolute and Relative Truth - Realisation of the Self - Liberation.	1
Instructional Hours		6
IV	Mahatma Gandhi's Views on Women : Status of Women in Pre Independence India - Gandhi's Perception of Women - Role of Women in Family – Perception of Gandhi - Value of Equality - Women in Politics - Gandhiji's Vision to Abolish Social Evils against Women - Role of Women as Envisaged by Gandhi.	1
Instructional Hours		6

V	Gandhiji's View on Democracy : Problem of Majority and Minority – Democracy, Gandhian strategies for democratic decentralization, Gram Swaraj: City and Village - Gram Swaraj - Critique of Industrialisation - Critique of Machinery, Participatory Democracy Swarajyam Grama Rajya and Ramarajya.	1
Instructional Hours		6
Total Hours		30

Text Book(s):

1. “Gandhian Thoughts”, Compiled by Nehru Arts and Science College.

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	-	-	L	H	H	L	-	-	-	-	-
CO2	-	-	-	-	–	H	H	L	-	-	-	-	-
CO3	-	-	-	-	–	H	H	L	-	-	-	-	L
CO4	-	-	-	-	–	H	H	L	-	-	-	-	L
CO5	-	-	-	-	–	H	H	L	-	-	-		-

H-High; M-Medium; L-Low;

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title	
21U4NM3WRT	Non Major Elective : Women's Rights	
Semester : III	Credits : 2	ESE : 50Marks

(Common to all UG Programmes)

Course Objective:

To facilitate the awareness about the social, economical, political, intellectual or cultural contributions of Women in India.

Course Outcomes:

CO1	Aware of basic constitutional rights
CO2	Gain awareness on Political rights
CO3	Understand individual and familial rights
CO4	Grasp the provisions for Women's Rights in India
CO5	Develop an understanding of the Protection Mechanisms for women

Course Content**Instructional Hours / Week : 2**

Unit	Description	Text book	Chapter
I	Constitutional Rights of Women in India: Indian constitution relating to women - Fundamental rights - Directive principles of state policy - right to equality - rights against exploitation - cultural and educational rights - the right to constitutional remedy - University Declaration of Human Rights - Enforcement of Human Rights for Women and Children - Role of Cells and Counseling Centers - Legal AID cells, Help line, State and National level Commission	4	2
	Instructional Hours		6
II	Political Rights of Women in India: Political Rights of Women in India - Electoral process - women as voters - candidates and leader - pressure group, 73rd and 74th amendment and representation of women in local self-government - women in Rural and urban local bodies - Reservation of women - party ideologies and women's issues.	5	1
	Instructional Hours		6
III	Women's Rights: Access to Justice Introduction-Criminal Law-Crime Against Women Domestic Violence - Dowry Related Harassment and Dowry Deaths - Molestation - Sexual Abuse and Rape Loopholes in Practice- Law Enforcement Agency	3	7
	Instructional Hours		6
IV	Women's Rights Violence Against Women - Domestic Violence The Protection of Women from Domestic Violence Act, 2005, The Marriage Validation Act, 1982 - The Hindu Widow Re-marriage Act, 1856- The Dowry Prohibition Act, 1961	3	5
	Instructional Hours		6

V	Special Women Welfare Laws Sexual Harassment at Work Places, Rape and Indecent Representation, The Indecent Representation (Prohibition) Act, 1986, Immoral Trafficking, The Immoral Traffic (Prevention) Act, 1956 - Acts Enacted for Women Development and Empowerment, Role of Rape Crisis Centers. Protection of Children from sexual Offences Act 2012	3	9
	Instructional Hours	6	
	Total Instructional Hours	30	

Text Books:

1. Nitya Rao **Good Women do not Inherit Land** Social Science Press and OrientBlackswan2008
2. International Solidarity Network **Knowing Our Rights** An imprint of KaliforWomen2006
3. P. D. Kaushik **"Women Rights"** Book well Publication 2007 UN Centre for Human Rights, Discrimination against Women (Geneva: World Campaign for Human Rights,1994).
4. Agnes, Flavia. (1992). "Give us "Give us This Day Our Daily Bread: Procedures and Case Law on Maintenance". Majlis, Bombay.
5. Agnes, Flavia. (1999). "Law and Gender Inequality: The Politics of Women"s Rights in India". OUP, New Delhi

Reference Books:

1. Aruna Goal **Violence Protective Measures for Women Development and Empowerment**, Deep and Deep Publications Pvt.2004
2. Monica Chawla **Gender Justice**, Deep and Deep Publications Pvt. Ltd. 2006
3. Preeti Mishra **Domestic Violence Against Women**, Deep and Deep Publications Pvt.2007
4. Clair M.Renzetti, JeffreyL. Edleson, Raquel Kennedy Bergen, Source Book on **Violence Against Women** Sage Publications 2001

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	L	-	-	H	H	L	L	-	-	-	-
CO2	-	-	L	-	-	H	H	L	-	L	-	-	-
CO3	-	-	L	-	-	H	H	L	-	L	-	-	-
CO4	-	-	L	-	-	H	H	L	-	-	-	-	-
CO5	-	-	L	-	-	H	H	L	-	-	-	-	-

H-High; M-Medium; L-Low

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3ACC409	Core Paper – IX Cost Accounting		
Semester : IV	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

(Common to B.Com CA/ B.Com IT/B.Com Banking)

Course Objective:

To gain the knowledge on basic methods and procedures of cost accounting

Course Outcomes:

CO1	Capacity to fix the price of the product
CO2	Construct and maintain stores ledger
CO3	Ability to maintain labour cost
CO4	Knowledge on preparation of overhead costs
CO5	Reconcile cost and financial accounts

Offered by : Commerce**Course Content****Instructional Hours / Week : 5**

Unit	Description	Text Book	Chapter
I	Cost Accounting – Definition – Meaning - Scope, Objectives, advantages and Limitations	1	I(1)
	Costing an aid to Management - Methods of Cost – Elements of Cost - Concept and Classification	1	I(2)
	Preparation of Cost Sheet	2	2
Instructional Hours			15
II	Material Control: Levels of material Control – Need for Material Control – Economic Order Quantity – ABC analysis – Perpetual inventory	2	3
	Purchase and stores Control: Purchasing of Materials – Procedure and documentation involved in purchasing	1	II
	Requisition for stores – Stores Control – Methods of valuing material issue	2	3
Instructional Hours			15
III	Labour: System of wage payment – Idle time	1	II(5)
	Incentive schemes	2	4
	Labour turnover	2	4
Instructional Hours			15
IV	Overhead – Classification of overhead – allocation and absorption of overhead	2	5
Instructional Hours			15
V	Process costing – Features of process costing	1	IV(4)
	Process losses, wastage, scrap, normal process loss – abnormal loss, abnormal gain. (Excluding inter process profits and equivalent production).	2	10
	Reconciliation of Cost and Financial accounts	2	6
Instructional Hours			15
Total Hours			75

NOTE: Distribution of Marks: Theory 40% and Problems 60%

Text Book(s):

1. S.P. Jain and KL. Narang , **Cost Accounting**, Kalyani Publishers, New Delhi, Edition 2014
2. Dr. A. Murthy & Dr. S. Gurusamy, **Cost Accounting**, Vijay Nicole Imprints Private Limited, Chennai. 2014.

Reference Book(s):

1. R.S.N. Pillai and V. Bagavathi , **Cost Accounting**, S. Chand and Company Ltd., New Delhi. Edition. 2016
2. T.S. Reddy & Y. Hari Prasad Reddy, **Cost Accounting**, Margham Publications, Chennai. Edition. 2009.

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Worksheet	Class Participation	TOTAL
8	8	10	8	8	8	50

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	H	L	M	L	L	M	M	M	H	L	M
CO2	H	L	M	M	H	L	L	M	H	L	M	M	H
CO3	H	M	M	M	H	L	L	M	H	M	M	M	H
CO4	M	M	M	M	M	L	L	M	M	M	M	M	M
CO5	H	M	M	H	M	L	L	M	H	M	M	H	M

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3ACC410	Core Paper - X Contemporary Marketing		
Semester : IV	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

(Common to B.Com / B.Com CA / B.Com IT / B.Com Banking)

Course Objective:

To endow students with the knowledge of Marketing and its recent trends.

Course Outcomes:

CO1	Understand the concept of market and marketing environment.
CO2	Develop competencies to launch new product and brand.
CO3	Analyse the pricing strategies adopted by the producer.
CO4	Design the market channel and manage the channel conflicts.
CO5	Awareness on the digital marketing platforms.

Offered by: Commerce

Course Content

Instructional Hours / Week : 4

Unit	Description	Text Book	Chapter
I	Introduction to Marketing - Market, Marketing, Marketer - Selling concept, marketing concept, Social marketing concept-Need and Significance of Marketing in Business-	1	1
	Marketing environment –Identifying market segments-Basis for market segmentation	1	2
Instructional Hours			12
II	Product and Product lines - Product hierarchy, Product classification, Product mix decisions –Product line decisions-	1	3
	Branding and Brand decisions, packing and labeling decision-Product life cycle-Strategies.	1	4
Instructional Hours			12
III	Pricing: Setting the price, pricing process, pricing methods. Adapting price: Geographical pricing, price discounts and allowances, promotional pricing, discriminatory pricing, product mix pricing.	1	5
Instructional Hours			12
IV	Marketing channels: The Importance of marketing channels-Channel design decisions - Channel management decisions-Channel Conflict: Types, Causes and managing the conflict.	1	7
Instructional Hours			12
V	Introduction to Digital Marketing-Meaning, Definition, Need of Digital Marketing, Scope of Digital Marketing, History of Digital Marketing, Concept and approaches to Digital Marketing, Examples of good practices in Digital Marketing.	2	1
	Email Marketing-Need for Emails, Types of Emails, options in Email advertising, Mobile Marketing-Overview of the B2B and B2C Mobile Marketing and Social Marketing	2	6
Instructional Hours			12
Total Hours			60

Note: Distribution of Marks: Theory 100%

Text Book(s) :

1. Philip Kotler and Gary Armstrong, Principles of Marketing, Pearson Education, 2016
2. Dave Evans., Susan Bratton, (2010). Social Media Marketing: The Next Generation of Business Engagement. Wiley

Reference Book(s) :

1. J.P.Gupta and Joyti Rana, Principles of Marketing Management, R. Chand & Co.New Delhi.
2. Your Google Game Plan for Success: Increasing Your Web

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	TOTAL
8	8	10	8	8	8	50

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	L	M	M	M	M	L	H	M	H	L	L	M	H
CO2	M	M	M	M	M	L	H	M	H	M	M	M	H
CO3	M	M	M	M	M	L	H	M	H	M	M	H	M
CO4	M	M	M	M	M	L	H	M	H	M	M	M	M
CO5	M	M	M	M	M	L	H	M	H	M	M	M	H

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3CCC411	Core Paper– XI - Object Oriented Programming With C++		
Semester: IV	Credits: 4	CIA : 50 Marks	ESE : 50 Marks

Course Objective:

The course provides the knowledge about construct an Application with C++

Course Outcomes (CO)

CO1	Knowledge on the basic concepts of OOPS
CO2	Outline the functions in C++
CO3	Construct and overload the programmes
CO4	Implement deriving features of a class
CO5	Explain the file structure in C++

Offered by: Commerce**Course Content****Instructional Hours / Week:6**

Unit	Description	Text Book	Chapter
I	Object oriented programming: Concepts, benefits, Object Oriented Languages and Applications.	1	1
	Basic concepts of C++ language – Tokens: Keywords, Identifiers, Data types, Variables, Expression	1	2
	Control Structure: Conditional, Switch, Loop and Breaking Statement	2	3
Instructional Hours			17
II	Functions in C++ - Call by Reference – Call by Value – Inline Functions – Default Arguments – Const Arguments	1	4
	Classes and Objects – Defining Member Functions – Nesting Member Function –Private Member Function – Static Member Function	1	5
Instructional Hours			18
III	Constructors with Default Arguments – Copy Constructor – Dynamic Constructor– Destructor	2	6
	Overloading, Function Overloading with various Data types &Arguments – Scoping Rules -Special Features. Operator Overloading: Overloading of binary and Unary operators and its rules	2	7
Instructional Hours			17
IV	Inheritance – Single Inheritance – Types of Base Classes – Types of Derivation	2	8
	Multilevel Inheritance – Multiple Inheritance – Hierarchical Inheritance – Hybrid Inheritance	1	9
	Polymorphism -Virtual Functions and its Rules – Pure Virtual Function	1	10
Instructional Hours			18

V	File, Opening and Closing a File-Stream State Member Function -Reading /Writing a Character from a File - Simple File Program	2	11
	Exception Handling: Basic Concepts - Mechanism of Exception Handling- Pre and User Defined Exception- Throwing and Catching Exception- Rethrowing an Exception.	1	12
Instructional Hours			18
CONTEMPORARY ISSUES			
VI	Expert lectures, online quizzes– Webinars		02
Instructional Hours			02
Total Hours			90

Text Book(s):

1. E. Balagurusamy, **Object Oriented Programming with C++**, Tata Mc Graw-Hill Publishing Company Limited, New Delhi, 2005.
2. D. Ravichandran, **Programming with C++**, Tata McGraw-Hill Publishing Company Limited, New Delhi, 2002.

Reference Book(s):

1. Herbert Schilt, **C++ -The Complete Reference**, Tata McGraw Hill, Pub. Ltd., 2008.
2. John R Hubbard, **Programming with C++**, McGraw Hill Companies, 2006.

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Quiz	Total
8	8	10	8	8	8	50

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	M	L	M	M	M	M	M	M	M	L	L
CO2	H	M	M	M	M	M	L	L	M	M	M	L	L
CO3	H	H	H	M	M	M	L	M	M	M	M	L	L
CO4	H	H	M	M	M	M	L	M	H	H	M	M	L
CO5	H	H	M	M	H	M	M	M	H	M	M	M	L

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3CCP412	Core Paper- XII C++ Practical		
Semester: IV	Credits: 4	CIA : 50 Marks	ESE : 50 Marks

Course Objective:

To enable the students to develop an application applying the object oriented concepts.

Course Outcomes (CO)

CO1	Knowledge about strings and access modifier in C++
CO2	Demonstrate the C++ functions and payroll system in C++
CO3	Build knowledge of interest rates and library system using objects in C++
CO4	Ability to implement accounting and banking apps
CO5	Impart business knowledge

Offered by: Commerce

Course Content

Instructional Hours / Week: 4

S. No.	List of Programs (10 Programs) Computer Lab
1.	Program to find the given string is palindrome or not. Declare private member function to find palindrome of the given string and access it using public member function.
2.	Program to create a class ARITHMETIC and a Member function ADD (), SUB (), MUL (), DIV () to perform addition, subtraction, multiplication, division respectively.
3.	Program to calculate Economic Order Quantity (using nesting of member function).
4.	Program to print the Employees' payroll statement (using control structures).
5.	Program to calculate simple Interest and compound Interest (using nested class).
6.	Program to print the book list of library (using array of objects).
7.	Program to prepare cost sheet (using inheritance).
8.	Program to calculate margin of safety (using multilevel inheritance).
9.	Program for bank transaction (using constructor and destructor).
10.	Program to calculate increase or decrease in working capital using operator overloading.
	Total Hours : 60

Tools for Assessment (50 Marks)

Creative Thinking	Lab Performance	Report	Test 1	Test 2	Observation Note	Total
8	8	8	10	10	6	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	H	H	M	M	L	M	M	M	M	M	M	L
CO2	H	H	M	M	M	M	M	M	H	H	H	M	M
CO3	H	H	H	M	M	L	M	M	H	H	M	M	L
CO4	H	M	H	M	M	L	M	H	H	H	H	H	M
CO5	H	H	H	M	M	M	M	M	M	M	H	M	M

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U4ACA404	Allied Paper -IV Company Law and Secretarial Practice		
Semester: IV	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

(Common to B.Com CA / B.Com PA/ B.Com IT/ B.Com Banking)

Course Objective

Enhance the students to have a thorough knowledge on Formation of Company Documents required and Acts pertaining to it

Course Outcomes (CO)

CO1	Understand the regulations of company
CO2	Knowledge on preparing Memorandum of Association and Articles of Association
CO3	Ability to prepare Prospectus
CO4	Inculcate Role and importance of company secretary
CO5	Capacity to convene meeting and drafting of correspondences

Offered by: Commerce

Course Content

Instructional Hours / Week:4

Unit	Description	Text Book	Chapter
I	Company –Definition –Characteristics –Kinds –Privileges of Private Company	1	1, 3
	Formation of a Company	1	4
Instructional Hours			12
II	Memorandum of Association Meaning –Purpose – Alteration of Memorandum –Doctrine of Ultra vires	1	5
	Articles of Association –Meaning –Forms –Contents –Alteration of Articles –Doctrine of Indoor management	1	6
Instructional Hours			12
III	Prospectus –Definition –Contents –Deemed Prospectus- Misstatement in Prospectus	1	7
	Kinds of Shares and Debentures.	1	11
	Winding up –Meaning -Modes of Winding Up - Latest Amendments as per companies Act 2013 & 2015	1	24
Instructional Hours			12
IV	Company Secretary – Meaning – Types – Positions – Qualities – Qualifications – Appointments and Dismissals – Power – Rights – Duties – Liabilities of a Company Secretary	1	5
	Role of a Company Secretary –Latest Amendments as per companies Act 2013 – Registration of Companies,	1	8

Appointment and qualification of directors. Latest Amendments as per companies Act 2015 – Paid up Capital, Business Certificate, Seal of the Company.			
Instructional Hours			12
V	Kinds of Company meetings – Board of Directors Meeting – Statutory meeting – Annual General meeting – Extraordinary General meeting -Duties of a Company Secretary to all the company meetings	1	15
	Drafting of Correspondence – Relating to the meetings – Notices - Agenda – Chairman’s speech – Writing of Minutes.	1	10
Instructional Hours			12
Total Hours			60

Text Book(s):

1. Kapoor N.D., **Company Law and Secretarial Practice**, Sultan Chand & Sons, New Delhi, 2014.

Reference Book(s):

1. Bagriyal A.K, **Company Law**, Vikas Publishing House, New Delhi, 2007
2. Kapoor. N.D, **Company Law**, Sultan Chand & Sons, New Delhi, 2005
3. Pillai & Bhagavathi R.S.N., **Company Law** S. Chand & Sons, New Delhi, 2005

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	Total
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	M	L	M	L	M	M	H	M	H	M	M
CO2	H	M	M	M	M	L	M	M	H	M	M	M	H
CO3	M	M	M	M	M	L	M	M	H	M	L	M	M
CO4	H	M	M	L	M	L	M	M	H	M	M	M	M
CO5	H	M	H	L	M	L	M	M	H	M	H	M	M

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U4ACZ402	Skill Based Paper – II Finance Modeling through Spreadsheet		
Semester : IV	Credits : 3	CIA : 30 Marks	ESE : 45 Marks

(Common to B.Com CA / B.Com Banking)

Course Objective :

The course provides a finance application using the Spreadsheet using Excel.

Course Outcomes :

C01	Ascertain cost of capital and capital structure using spread sheet
C02	Computation of leverage and working capital
C03	Estimate cash flow and capital rationing
C04	Able to calculate inventory
C05	Select a suitable dividend and credit policy to the company

Offered by : Commerce

Course Content

Instructional Hours / Week : 4

S. No.	List of Programs (10 Programs)
1.	Cost of Capital Compute issues and redemption of shares and debentures before tax and after tax.
2.	Capital Structure Calculate EPS, EPS Growth for the given summarized Financial Reports.
3.	Leverage Compute DOL, DFL, and DCL for different level of operators.
4.	Working Capital Estimate Working Capital requirement for a company and interpret.
5.	Cash flow Estimation Estimate Cash Budget using given Cash flows.
6.	Capital Rationing Prepare statement of profitability showing payback period for two different alternatives.
7.	Capital Rationing Prepare statement of Profitability showing Discounted Cash Flow method for two different alternatives.
8.	Inventory Management Calculate EOQ, Max Level, Min Level, Graph for given Inventory Data.
9.	Dividend Policy Calculate Optimum Payout Ratio by using Walter's, Gordon's and M. M. Model.
10.	Credit Policy Calculate the applying credit policy for the company.
Total Hours : 60	

Tools for Assessment (30 Marks)

Creative Thinking	Lab Performance	Report	Test 1	Test 2	Observation Note	Total
5	5	5	6	6	3	30

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	L	M	L	-	L	L	L	M	H	M	H	M	M
CO2	L	M	L	-	L	L	L	M	H	M	M	M	H
CO3	M	M	L	-	L	L	L	M	H	M	L	M	M
CO4	L	M	L	-	L	L	L	M	H	M	M	M	M
CO5	L	M	L	-	L	L	L	M	H	M	M	M	M

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title	
21U4NM4BT2	Part IV – Basic Tamil - II	
Semester : IV	Credits : 2	CIA : 50 Marks

(Common to all UG Programmes)

Course Objective: அற இலக்கியங்களை அறிமுகப்படுத்தல்**Course Outcomes:**

CO1	நீதிநூல்களின் வழி போதனைகளை மாணவர்களுக்கு எடுத்துரைத்தல்
CO2	திருக்குறளின் சிறப்புகளை எடுத்துரைத்தல்
CO3	நீதிக்கதைகளைக் கூறுவதன் மூலம் மாணவர்களுக்கு நற்ச்சிந்தனைகளை வளர்த்தல்
CO4	கிராமியக் கதைகளைக் கூறுவதன் மூலம் மாணவர்களுக்கு நல்அறிவை வளர்த்தல்
CO5	தமிழ் ஆங்கில மொழிப் பயிற்சியின் மூலம் இருமொழித்திறனை வளர்த்தல்

Offered by : தமிழ்த்துறை**Course Content****Instructional Hours / Week : 2**

Unit	Description	
I	நீதி நூல்கள்	
	1. பாரதியார் - ஆத்திச்சூடி – முதல் 12 வரிகள் 2. கொன்றைவேந்தன் முதல் 7 வரிகள்	
Instructional Hours		10
II	திருக்குறள்	
	கடவுள் வாழ்த்து - அகரமுதல எனத் தொடங்கும்... அதி. - 1 குறள் - 1 வான் சிறப்பு - நீரின்றி அமையாது உலகு... அதி. - 2 குறள் - 10 அன்புடைமை - அன்பின் வழியது உயிர்நிலை ... அதி. - 8 குறள் - 10 கல்வி - கண்ணுடையார் என்பர் அதி. - 40 குறள் - 3 இனியவை கூறல் - இனிய உளவாக இன்னாத ... அதி. - 10 குறள் - 10	
Instructional Hours		5
III	நீதிக்கதைகள்	
	முல்லாவின் வேடிக்கைக் கதைகள், பீர்பால் கதைகள்	
Instructional Hours		5
IV	கிராமியக் கதைகள்	
	1. பரமார்த்தகுரு கதைகள் 2. நாட்டுப்புறக் கதைகள் அறிமுகம்	
Instructional Hours		5
V	மொழிப் பயிற்சி	
	1. பிறமொழிச்சொற்களுக்கு தமிழ்ச்சொல் எழுதுதல் 2. தன்விவரம் எழுதுதல் 3. எங்கள் கல்லூரி	
Instructional Hours		5
Total Hours		30

பாடத்தொகுப்பு :

இளங்கலை தமிழ் மாணவர்களுக்குரிய பாட நூல் “அரிச்சுவடி”

தொகுப்பு: தமிழ்த்துறை, நேரு கலை அறிவியல் கல்லூரி, கோயம்புத்தூர்.

பார்வை நூல்கள் :

1. ஓளவையார் ஆத்திச்சூடி மணிவாசகர் பதிப்பகம்,கோயம்புத்தூர் இராஜவீதி- 01.
2. திருக்குறள் - பரிமேலழகர் உரை,மணிவாசகர் பதிப்பகம்,சென்னை -600018.
3. முல்லாவின் வேடிக்கைக் கதைகள் - முல்லை பி.எல்.முத்தையா சென்னை- 007.
4. நாட்டுப்புறவியல் ஓர் ஆய்வு – சு.சக்திவேல் பாரி நிலையம்,சென்னை-01

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Writing Skills	Reading Skills	Translation Knowledge	Total
8	8	10	8	8	8	50

Mapping

COS	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	H	-	H	M	H	H	M	L	-	-	-
CO2	-	-	H	-	H	H	M	H	L	L	-	-	-
CO3	-	-	M	-	M	H	M	H	L	L	-	-	L
CO4	-	-	M	-	L	M	H	M	-	-	-	-	-
CO5	-	-	H	-	H	M	H	H	-	-	-	-	

H-High; M-Medium; L-Low;

Course Designed by	Verified by	Checked by	Approved by

Course Code	Title	
21U4NM4AT2	Part IV – Advanced Tamil - II	
Semester : IV	Credits : 2	ESE : 50 Marks
(Common to all UG Programmes)		

Course Objective : தமிழ் நூல்களின் வழி அறச் சிந்தனைகளை உருவாக்குதல் செம்மொழியினைச் செம்மைப்படுத்துதல்.

Course Outcomes :

CO1	அறச் சிந்தனைகளை மாணவர்களுக்கு ஏற்படுத்துதல்
CO2	தமிழ் சிறுகதைகளின் மூலம் நல்ல சிந்தனைகளை உருவாக்குதல்
CO3	மொழியைப் பிழையின்றிப் பேச, எழுதும் திறன் பெறச்செய்தல்
CO4	இலக்கண அறிவை வளர்ப்பதன் மூலம் மரபுப் பிழையின்றி பேசவும், எழுதும் திறனை வளர்த்தல்
CO5	படைப்பாக்கத்திறன் அறிவுபெறச் செய்தல்.

Offered by : தமிழ்த்துறை

Course Content

Instructional Hours / Week : 2

Unit	Description	Instructional Hours
I	பதினெண் கீழ்க்கணக்கு நூல் - திருக்குறள்	
	1. வாய்மை 2. கூடாநட்பு 3. செய்நன்றியறிதல்	
		10
II	சிறுகதை	
	வெ.இறையன்பு – பூனாத்தி சிறுகதைகள் 1. விடுகதை 2. நண்பர்கள்	
		5
III	எழுத்துப் பிழை நீக்க வழிகள்	
	1. சொற்களைச் சரியாகப் பயன்படுத்தும் முறை 2. வினைச் சொற்கள், பெயர்ச்சொற்கள்	
		5
IV	வழக்கறிதல்	
	1. மரபு வழக்கு 2. இயல்பு வழக்கு 3. தகுதி வழக்கு அறிதல்	
		5
V	படைப்பாற்றல் பயிற்சி	
	கவிதை-சிறுகதை-நூல் மதிப்பீடு எழுதுதல்	
		5
		30

பாடத்தொகுப்பு

இளங்கலை முதலாம் ஆண்டு தமிழ் மாணவர்களுக்குரிய பாடநூல் “திரட்டு”

தொகுப்பு: தமிழ்த்துறை, நேரு கலை மற்றும் அறிவியல் கல்லூரி, கோயம்புத்தூர் - 105

பார்வை நூல்கள்

1. திருக்குறள் – பரிமேலழகர் உரை, மணிவாசகர் பதிப்பகம், சென்னை – 018
2. தமிழண்ணல் - புதியநோக்கில் தமிழ் இலக்கிய வரலாறு மீனாட்சி புத்தக நிலையம், மதுரை-001.
3. அ.கி. பரந்தாமனார்-நல்லதமிழ் எழுதவேண்டுமா? அல்லிநிலையம், சென்னை -600 007.
4. பவணந்திமுனிவர், நன்னூல் பூலியூர்க்கேசிகள் உரை, சாரதா பதிப்பகம், சென்னை -040
5. வெ.இறையன்பு-பூனாத்தி, கவிதா பதிப்பகம், சென்னை.

Mapping

COS	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	H	-	H	H	M	H	L	L	-	-	-
CO2	-	-	H	-	M	L	H	M	-	L	-	L	-
CO3	-	-	H	-	H	L	H	H	-	-	-	-	-
CO4	-	-	M	-	M	L	H	H	-	-	-	-	-
CO5	-	-	H	-	H	M	H	M	-	-	-	-	-

H-High; M-Medium; L-Low;

Course Designed by	Verified by	Checked by	Approved by

Course Code	Title	
21U4NM4GEN	Non Major Elective : General Awareness	
Semester : IV	Credits : 2	ESE : 50 Marks

(Common to all UG Programmes)

Course Objective:

Enable the students to learn General knowledge and prepare for different competitive exams.

Course Outcomes:

CO1	Determine Verbal Aptitude , Numerical Aptitude and Logical Reasoning
CO2	Recall basic Science, history , Tamil , Computer , Commerce concepts which would help to crack competitive Examinations
CO3	Acquire time Management skills to attempt competitive Examinations
CO4	Develop Aptitude and problem solving skills
CO5	Gain Knowledge about Current Affairs

Course Content**Instructional Hours / Week : 2**

S. No.	Topics
1.	Verbal Aptitude
2.	Numerical Aptitude and Logical Reasoning
3.	Abstract Reasoning
4.	Tamil and Other Literature
5.	General Science and Technology
6.	Computer
7.	Economics and Commerce
8.	History and Freedom Struggle
9.	Sports
10.	Current Affairs
Total Hours : 30	

Text Book: “General Awareness”, compiled by Nehru Arts and Science College, Coimbatore

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	L	-	-	H	-	-	L	L	-	-	-	L
CO2	H	L	-	-	H	-	-	L	L	-	-	-	M
CO3	H	L	-	-	H	-	-	L	L	-	-	-	-
CO4	H	L	-	-	H	-	-	L	L	-	-	-	M
CO5	H	L	-	-	H	-	-	L	L	-	-	-	-

H-High; M-Medium; L-Low

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title	
21U4HVV402	Value Education : Human Values and Yoga Practice II	
Semesters : III & IV	Credits : 2	CIA : 50 Marks

(Common to all UG Programmes)

Course Objective:

To help the students appreciate the essential complementarity between 'values' and 'skills' to ensure sustained happiness and prosperity, which are the core aspirations of all human beings. To prepare and distribute standardized Yoga teaching and training material with reference to institute health.

Course Outcomes:

CO1	To understand the values of Self realization and Harmony
CO2	To transform as a positive personality and understand the importance of healthy mind
CO3	To know the ways for eradication of worries.
CO4	To learn and practice Asanas in day to day life.
CO5	To understand the benefits of Yogasanas for physical and mental well being.

Course Content**Instructional Hours/Week : 1**

Unit	Description	Chapter
I	Self-realization and Human Values -Self-realization and Harmony-Rules and Regulations-Rights and Duties-Good and Obligation-Integrity and Conscience. Obligation to Family -Trust and Respect-Codes of Conduct-Citizens Charter-Emotional Intelligence.	
	Instructional Hours	6
II	Character Formation Towards Positive Personality: Truthfulness, Constructivity, Sacrifice, Sincerity, Self Control, Altruism, Tolerance,	
	Instructional Hours	6
III	Eradication of worries - Maintaining youthfulness – Greatness of friendship–Refinement of worries-Neutralization of anger-Intelligent quotient(IQ),Emotional quotient(EQ),Spiritual Quotient (SQ)	
	Instructional Hours	6
IV	Standing Posture: Tadasana, Padahasthasana, Virabhadrasana; Sitting posture: Ustrasana, Ardha Matsyendrasana, Paschimottanasana.	
	Instructional Hours	6
V	Supine posture: Sarvangasana, Halasana, Chakrasana. Prone posture: Bhujangasana, shalabhasana; Dhanurasana; Balancing postures: Vrikshasana, Natarajasana, Utkatasana; Pranayama: Bhastrika, Bhramari, NadiShodhan.	
	Instructional Hours	6
	Total Hours	30

Textbook:

1. "Value Education II ", compiled by Curriculum Development cell, Nehru Arts and Science College.

Tools for Assessment

25 marks	25 marks
Comprehensive test in Units I to III for 25 marks during CIA III of Sem. II	Perform 02 Yoga postures for Practical exam to be conducted during the mid of Sem. II

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	-	H	L	M	H	H	L	L	-	-	-
CO2	-	-	-	L	M	H	M	H	-	M	-	-	-
CO3	-	-	-	L	M	H	H	H	-	L	-	-	-
CO4	-	-	-	L	L	H	M	H	-	-	-	-	-
CO5	-	-	-	L	L	H	M	H	-	-	-	-	-

H-High; M-Medium; L-Low;

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3ACC513	Core Paper – XIII Management Accounting		
Semester : V	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

[Common to B.Com / B.Com CA / B.Com PA / B.Com IT and B.Com Banking]

Course Objective :

To enable the students should have a thorough knowledge on the management accounting techniques in the business decision making.

Course Outcomes :

CO1	Ability to differentiate Financial, Cost and Management Accounting
CO2	To know the ratio position of the company
CO3	Analyze the Fund Flow and Cash Flow
CO4	To know the support of marginal costing in financial decisions for management
CO5	Ability to prepare various Budget

Offered by : Commerce

Course Content

Instructional Hours / Week : 5

Unit	Description	Text Book	Chapter
I	Management Accounting – Meaning – Objectives and Scope – Relationship between Management Accounting, Cost Accounting and Financial Accounting – advantages and limitations -	1	1(1)
	Tools and Techniques of Management Accounting		
	Financial statement Analysis and Interpretation – trend analysis, comparative and common size statements	2	2
Instructional Hours			15
II	Ratio Analysis – uses - Analysis of liquidity – Solvency, Profitability, Labour Turnover and Activity Ratios.	2	3
	Construction of Balance Sheet		
Instructional Hours			15
III	Funds Flow Analysis	1	5(23)
	Cash Flow Analysis – Accounting Standard	2	5
Instructional Hours			15
IV	Marginal costing and Break Even Analysis – Significance and limitations of marginal costing	2	7
	Managerial applications of marginal costing	2	7
Instructional Hours			15
V	Budgeting and Budgetary control – Definition – Importance, Essentials – Classification of Budgets	1	3(10)
	Preparation of cash budget, sales budget, purchase budget, material budget, flexible and Master Budget	2	6
Instructional Hours			15
Total Hours			75

NOTE: Distribution of Marks: Theory 40% and Problems 60%

Text Book(s) :

1. Shashi.K. Gupta & Dr. R.K.Sharma, Management Accounting, Kalyani Publishers, NewDelhi, 2014.
2. Dr.A.Murthy& Dr. S Gurusamy, Management Accounting, Vijay Nicole Imprints Pvt. Ltd. Chennai, 2013.

Reference Book(s) :

1. Dr. S.N. Maheswari, Principles of Management Accounting, Sultan Chand & Sons, New Delhi, 2005.
2. S.K.Bhattacharya, Accounting and Management, Vikas Publishing House, 2013.

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Worksheet	Class Participation	TOTAL
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	H	M	H	H	H	H	H	M	H	M	H
CO2	H	H	L	H	H	M	M	L	H	H	L	H	H
CO3	H	H	M	H	L	H	H	M	H	H	M	H	L
CO4	H	M	H	M	M	H	H	M	H	M	H	M	M
CO5	M	H	H	L	M	M	M	H	M	H	H	L	M

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3CCC514	Core Paper-XIV Python Programming		
Semester : V	Credits: 4	CIA : 50 Marks	ESE : 50 Marks

Course Objective:

The course provides the student must know the concepts of Internet and design a web page.

Course Outcomes (CO)

CO1	Understand the fundamentals of Python programming language
CO2	Acquire knowledge on Control and Expression of programming flow
CO3	Explore the knowledge on dictionaries and sets
CO4	Understand the concept of files and its functions
CO5	Apply the knowledge of build in functions and exception handling

Offered by: Commerce**Course Content****Instructional Hours / Week: 6**

Unit	Description	Text Book	Chapter
I	The way of the program: The python programming language – What is a program? – What is debugging? – Formal and natural languages – The first Program	1	1
	Variables, expressions and statements – Values and types – Variables - variables names and keywords – statements	2	2
Instructional Hours			17
II	Evaluating expressions – Operators and operands – Order of operations – Operations on strings - Composition	1	3
	Control Statements if-else – if-else- if-else – while loop – for loop – break – continue – assert – pass – return	1	4
Instructional Hours			17
III	List, Ranges & Tuples in Python Introduction – Lists in Python – More about Lists – Understanding Iterators – Generators, Comprehensions and Lambda Expressions	2	5
	Python – Dictionaries and Sets – Introduction to the section – Python Dictionaries – More on Dictionaries	2	6
Instructional Hours			18

IV	Input and Output in Python – Reading and writing text files – Writing Text Files	2	7
	Appending to Files and Challenge – Writing Binary Files Manually – Using Pickle to Write Binary Files	2	8
Instructional Hours			18
V	Python built in function – Python user defined functions – Python packages functions – Defining and calling Function – The anonymous Functions	1	9
	Exceptions – Errors in Python – Compile – Time Errors – Runtime Errors – Logical Errors – What is Exception? Handling an exception – try....except...else – try-finally clause	2	10
Instructional Hours			18
CONTEMPORARY ISSUES			
VI	Expert lectures, online quiz – webinars	1	2
Instructional Hours			2
Total Hours			90

Text Book(s):

1. Allen Downey, Jeffrey Elkner, Chris Meyers – “**Learning with python**”, Reprint Edition’ DreamTech, 2016.
2. Mark Lutz, David Ascher – “**Learning Python**”, O’Reilly Media, Inc.5th edition, 2013.

Reference Book(s):

1. Solem Jan Erick “**Programming Computer Vision with Python**”, creative commons, 2012.

Tools for Assessment (50 Marks)

CIAI	CIA II	CIA III	Assignment	Worksheet	Class Participation	Total
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	H	M	M	M	M	L	M	M	M	M	L
CO2	H	M	M	M	H	L	M	M	H	M	M	M	L
CO3	H	H	H	M	M	M	M	M	M	M	H	M	L
CO4	M	H	H	M	M	L	L	M	H	M	M	L	L
CO5	H	H	H	M	H	L	M	M	H	M	M	L	L

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3CCP515	Core Paper – XV Python Programming Practical		
Semester: V	Credits: 4	CIA : 25 Marks	ESE : 25 Marks

Course Objective:

The course provides an application using the object oriented concepts.

Course Outcomes (CO)

CO1	Understand the concepts of object-oriented programming as used in Python.
CO2	Develop applications using build in functions, GUI, CGI and Network functions
CO3	Illustrate the concept of exception handling in Python applications for error handling.
CO4	Design and program Python applications.
CO5	Understand the concepts of stack and list.

Offered by: Commerce

Course Content

Instructional Hours / Week: 4

S. No.	List of Programs (10 Programs) Computer Lab
1.	Compute the GCD of two numbers.
2.	Program using While Loop
3.	Find the square root of a number (Newton's method)
4.	Find the most frequent words in a text read from a file
5.	String Type Functions
6.	Dictionary Type Methods
7.	First n prime numbers
8.	Stacks with python lists
Total Hours : 60	

Tools for Assessment (50 Marks)

Creative Thinking	Lab Performance	Report	Test 1	Test 2	Observation Note	Total
8	8	8	10	10	6	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	H	M	M	L	M	M	M	H	M	M	L
CO2	H	H	H	M	H	M	L	H	H	H	M	H	L
CO3	H	H	M	M	M	L	M	M	H	H	M	M	L
CO4	H	H	H	M	M	M	L	M	H	H	H	H	M
CO5	H	H	H	M	M	L	L	M	M	M	M	M	L

High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

21U3ACC516	Core Paper – XVI Direct Tax		
Semester: V	Credit: 4	CIA: 50 Marks	ESE: 50 Marks

(Common to B.Com CA, B.Com IT & B.Com Banking)

Course Objective:

To enable the students to know the basics of Income tax Act & its implications.

Course Outcome:

CO1	Identify the Residential Status
CO2	Able to calculate Income from Salary and House Property
CO3	Capacity to compute income from Profession and Business
CO4	Ability to know income from Capital Gains and Other Sources
CO5	Construct tax liability

Offered by: Commerce

Course Content

Instructional Hours / Week: 6

Unit	Description	Text Book	Chapter
I	Income Tax Act – History of Income Tax in India – Sources of Income Tax Law	1	1
	Previous year – Assessment year – Residential Status – Scope of Total income – Income exempted from tax.	1	1
Instructional Hours			18
II	Income under the heads of Salary – Treatment of HRA - Provident Fund – Leave Encashment	1	5
	Income under the heads of House Property – Deductions allowed.	1	6
Instructional Hours			18
III	Income under the heads of Business – Computation of Business income	2	1
	Computation of Professional income	2	2
Instructional Hours			18
IV	Computation of Income from Capital Gain and Income from Other Sources	2	4
	Set-off and carry forward of losses	2	5
Instructional Hours			18
V	Computation of Total Taxable Income	2	6
	Deductions u/s Section 80, TDS and E-Filing of Returns	2	7
Instructional Hours			18
Total Hours			90

Note: Question paper shall cover 40% theory and 60% problems

Text Book(s):

1. V.P. Gaur, D.B. Narang, Puja Gaur, Rajeev Puri, **Income Tax Law and Practice**, Kalyani publishers. Current Assessment Year
2. N. Hariharan, **Income Tax Law and Practice**, Vijay Nicole imprints private limited, Current Assessment Year

Reference Book(s):

1. T.S Readdy & Hariprasad Reddy, **Income Tax Law and Practice**, Margham Publications, Current Assessment Year

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Worksheet	Class Participation	Total
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	H	M	M	H	M	H	H	M	H	M	M
CO2	H	M	L	M	H	M	H	L	H	M	L	M	H
CO3	H	M	M	H	L	H	H	M	H	M	M	H	L
CO4	H	M	L	M	M	H	H	H	H	M	L	M	M
CO5	H	M	L	M	H	M	L	H	H	M	L	M	H

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3ACE501	Discipline Elective Paper – I (A) Brand Management		
Semester : V	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

(Common to B.Com. CA/B.Com. Banking)

Course Objectives:

To enhance the students to understand the knowledge about the well versed in the concept of branding.

Course Outcomes:

CO1	Aware of correlation between organizational functions and branding
CO2	Acquire skills to develop a brand
CO3	Outline about Brand image
CO4	Capability to implement branding strategies
CO5	Nurture the skills of a brand manager

Offered by : Commerce**Course Content****Instructional Hours/ Week : 5**

Unit	Description	Text Book	Chapter
I	Introduction – Basics Understanding of Brands – Definitions – Functions of a Brand – Significance of Brand – selecting a brand name	1	4
	Selecting a brand name – Different Types of Brands – Store brands – Co branding	1	3
Instructional Hours			15
II	Branding process – Brand vision – Brand extension – Brand Elements	1	4
	Brand as a personality, as trading asset – Competing with Foreign brands – brand image building	1	4
Instructional Hours			15
III	Brand Image – Brand associations & image – Buying decision perspectives on consumer behavior	2	4
	Managing Brand image – stages – functional, symbolic & experiential brands. Brands & consumer – Branding for Global Markets	1	5
Instructional Hours			15
IV	Brand Adoption Practices – Different type of brand extension – Factors influencing Decision for extension	2	5
	Re-branding and re-launching – Brand Architecture –product, line, range, umbrella & source endorsed brands - Brand Portfolio Management.	1	5
Instructional Hours			15

V	Brand valuation – Methods of valuation – Applications – Branding industrial products, services and Retailers –Brand Strategies: Designing and implementing branding strategies	2	6
	Brand Performance – Measuring Brand Performance –Role of Brand Managers – Branding challenges & opportunities –Case Studies	1	5
Instructional Hours			15
Total Hours			75

Text Book(s) :

1. Kevin Lane Keller, **Strategic Brand Management**, Person Education, New Delhi, 2008.
2. Jean Noel, Kapferer, **Strategic Brand Management**, The Free Press, New York, 1992.

Reference Book(s) :

1. S.Ramesh Kumar, **Managing Indian Brands**, Vikas publishing House (P) Ltd., New Delhi, 2002.
2. Ramanj Majumdar, **Product Management in India**, PHIL earning Pvt. Ltd., 2008.
3. Paul Tmeporal, **Branding in Asia**, John Wiley & sons (P) Ltd., New York, 2000.
4. Jagdeep Kapoor, **Brandex, Biztantra**, New Delhi, 2005.

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	TOTAL
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	L	M	M	L	M	L	H	M	H	M	M
CO2	M	M	L	M	M	L	M	L	H	M	M	M	H
CO3	M	M	L	M	M	L	M	L	H	M	L	M	M
CO4	M	M	L	M	M	L	M	L	H	M	M	M	M
CO5	M	M	L	M	M	L	M	L	H	M	H	M	M

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3ACE502	Discipline Specific Elective Paper – I (B) Goods and Service Tax		
Semester : V	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

(Common to B.Com CA / B.Com IT / B.Com Banking)

Course Objective :

To provide knowledge on the Business/Indirect Taxes to familiarize the students with recent changes in indirect taxes in India.

Course Outcomes :

CO1	Describe the system of Indirect taxes and bases for the levy of indirect taxes.
CO2	Identify the reasons for the levy and structure of GST.
CO3	Apply the concept of taxable supply and input tax credit.
CO4	Apply the concept place of supply and determine nature of supply.
CO5	Identify the taxable levy of customs duty in India.

Offered by : Commerce**Course Content****Instructional Hours / Week : 5**

Unit	Description	Text Book	Chapter
I	Indirect taxes – Meaning and Nature – Special features of Indirect Taxes – Contribution to Government Revenues – Taxation under the Constitution – Advantages and Disadvantages of Indirect Taxes.	1	1
Instructional Hours			15
II	Goods and Service Tax Introduction – Meaning – Need for GST - Advantages of GST – Structure of GST in India – Dual Concepts – SGST – CGST – IGST – UTGST – Types of Rates under GST – Taxes subsumed under State Goods and Services Tax Act 2017 – Taxes subsumed under Central Goods and Services Tax Act 2017 – Meaning of Import terms: Goods, services, supplier, business, manufacture, casual taxable person, aggregate turnover, input tax and output tax.	2	3
Instructional Hours			15
III	Levy and Collection under SGST/CGST Acts – Concept of supply – Composite and Mixed supplies – Composition Levy – Time of supply goods and services – Value of Taxable Supply. Input Tax Credit – Eligibility and conditions for taking input credit – Reverse charge under the GST – Registration procedure under GST – Concept of e-way Bill – Filing of Returns	1	5
Instructional Hours			15
IV	Levy and Collection under The Integrated Goods and Services Tax Act 2017 – Meaning of Important Terms: Integrated tax, intermediary, location of the recipient and supplier of services, output tax. Levy and Collection of Tax – Determination of nature of Supply – Inter-State supply and Intra-State supply – Place of Supply of Goods or Services – Zero-rated supply.	2	7
Instructional Hours			15

V	Introduction to Customs Laws in India – The Customs Act 1962 – The Customs Tariff Act 1975 – Levy and Exemption from Custom duty – Taxable event – Charge of Custom duty – Exemptions from duty – Customs procedures for import and export – Meaning of Classification of goods – Methods of valuation of imported goods – Abatement of duty in damaged or deteriorated goods – Remission on duty on lost, destroyed or abandoned goods – Customs duty drawback.	1	3
Instructional Hours			15
Total Hours			75

NOTE: Distribution of Marks: Theory 100 %

Text Books:

1. V.S. Datey, **Business Taxation**, Taxmann Publication (p) Ltd, NewDelhi.
2. Gaurav Gupta, **Hand book of GST - Law & Practice**, Kalyani Publishers.

Reference Book(s):

1. V.Balachandran, **Indirect Taxation**, Sultan Chand & Sons, New Delhi.
2. R.Parameswaran and P.Viswanathan, **Indirect Taxes: GST and Customs Laws**, Kavin

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	TOTAL
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	L	M	L	L	M	M	H	L	L	M	H
CO2	H	M	L	M	L	L	M	M	H	M	M	M	H
CO3	H	M	L	M	L	L	M	M	H	M	M	H	M
CO4	H	M	L	M	L	L	M	M	H	M	M	M	M
CO5	M	M	L	M	L	L	M	M	H	M	H	M	L

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3ACE503	Discipline Specific Elective Paper – I (C) - Consumer Affairs		
Semester : V	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

(Common to B.Com./ B.Com CA/B.Com PA/B.Com IT/ B.Com Banking)

Course Objective:

Students should be able to comprehend the business firms interface with consumers and the consumer related regulatory and business environment.

Course Outcomes:

CO1	Understand the concept of consumer and market
CO2	Analyze Consumer Protection Act
CO3	Outline Grievance Redressal Mechanism under the Indian Consumer
CO4	Identify the different types of industry regulators
CO5	Construct Contemporary Issues in Consumer Affairs

Offered by : Commerce

Course Content

Instructional Hours / Week : 5

Unit	Description	Text Book	Chapter
I	Conceptual Framework: Consumer and Markets: Concept of Consumer, Nature of markets: Liberalization and Globalization of markets with special reference to Indian Consumer Markets, E-Commerce with reference to Indian Market, Concept of Price in Retail and Wholesale, Maximum Retail Price (MRP), Fair Price, GST, labeling and packaging along with relevant laws, Legal Metrology.	1	1
	Experiencing and Voicing Dissatisfaction: Consumer buying process, Consumer Satisfaction/dissatisfaction-Grievances-complaint, Consumer Complaining Behaviour: Alternatives available to Dissatisfied Consumers; Complaint Handling Process: ISO 10000 Suite	1	2,3
Instructional Hours			15
II	The Consumer Protection Law in India : Objectives and Basic Concepts: Consumer rights and UN Guidelines on consumer protection, Consumer goods, defect in goods, spurious goods and services, service, deficiency in service, unfair trade practice, restrictive trade practice.	1	4
	Organizational set-up under the Consumer Protection Act: Advisory Bodies: Consumer Protection Councils at the Central, State and District Levels; Adjudicatory Bodies: District Forums, State Commissions, National Commission: Their Composition, Powers, and Jurisdiction (Pecuniary and Territorial), Role of Supreme Court under the CPA with important case law	1	5
Instructional Hours			15

III	Grievance Redressal Mechanism under the Indian Consumer Protection Law: Who can file a complaint? Grounds of filing a complaint; Limitation period; Procedure for filing and hearing of a complaint; Disposal of cases, Relief/Remedy available; Temporary Injunction, Enforcement of order, Appeal, frivolous and vexatious Complaints; Offences and penalties.	1	6
	Leading Cases decided under Consumer Protection law by Supreme Court/National Commission: Medical Negligence; Banking; Insurance; Housing & Real Estate; Electricity and Telecom Services; Education; Defective Products; Unfair Trade Practices.	1	7
Instructional Hours			15
IV	Role of Industry Regulators in Consumer Protection : Banking: RBI and Banking Ombudsman - Insurance: IRDA and Insurance Ombudsman - Telecommunication: TRAI - Food Products: FSSAI - Electricity Supply: Electricity Regulatory Commission - Real Estate Regulatory Authority	1	9
	Instructional Hours		15
V	Contemporary Issues in Consumer Affairs : Consumer Movement in India: Evolution of Consumer Movement in India, Formation of consumer organizations and their role in consumer protection, Misleading Advertisements and sustainable consumption, National Consumer Helpline, Comparative Product testing, Sustainable consumption and energy ratings.	1	12
	Quality and Standardization: Voluntary and Mandatory standards; Role of BIS, Indian Standards Mark (ISI), Ag-mark, Hallmarking, Licensing and Surveillance; Role of International Standards: ISO an Overview	1	14
Instructional Hours			13
VI	Contemporary Issues Expert Talk – Seminar		
Instructional Hours			2
Total Hours			75

Text Book(s) :

1. Khanna, Sri Ram, Savita Hanspal, Sheetal Kapoor, and H.K. Awasthi, **Consumer Affairs**, Universities Press, 2007.
2. Choudhary, Ram Naresh Prasad , **Consumer Protection Law Provisions and Procedure**, Deep and Deep Publications Pvt Ltd, 2005.
3. G. Ganesan and M. Sumathy, **Globalisation and Consumerism: Issues and Challenges**, Regal Publications, 2012
4. Suresh Misra and Sapna Chadah, **Consumer Protection in India: Issues and Concerns**, IIPA, New Delhi, 2012.
5. Rajyalaxmi Rao , **Consumer is King**, Universal Law Publishing Company, 2012

Reference Book(s):

1. Girimaji, Pushpa (2002). Consumer Right for Everyone Penguin Books.
2. E-books :- www.consumereducation.in

3. Empowering Consumers e-book,
4. E-book, www.consumeraffairs.nic.in
5. The Consumer Protection Act, 1986 and its later versions. www.bis.org

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	TOTAL
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	L	M	M	M	M	M	H	L	L	M	H
CO2	H	M	L	M	M	H	M	M	H	M	M	M	H
CO3	H	M	L	M	M	H	M	M	H	M	M	H	M
CO4	M	M	L	M	M	M	M	M	H	M	M	M	M
CO5	M	M	L	M	M	M	M	M	H	M	M	H	M

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3CCS503	Skill Based Paper – III Artificial Intelligence		
Semester: V	Credit: 3	CIA: 30 Marks	ESE: 45 Marks

Course Objective:

To enable the students should have a thorough knowledge on the economic analysis and the particular application to decision making in business.

Course Outcome:

CO1	Demonstrate fundamental understanding of artificial intelligence
CO2	Understanding about the basic concepts of Software agent's and representation of knowledge.
CO3	Demonstrate awareness and a fundamental understanding of various applications of AI
CO4	Apply basic principles of AI in solutions that require problem solving
CO5	Demonstrate knowledge of inference, perception, knowledge representation, and learning

Offered by: Commerce

Course Content		Instructional Hours / Week:4	
Unit	Description	Text Book	Chapter
I	Introduction – Definition – Future of Artificial Intelligence – Characteristics of Intelligent Agents – Typical Intelligent Agents – Problem Solving Approach to Typical AI Problems.	1	1
Instructional Hours		12	
II	Problem Solving Methods – Search Strategies – Uninformed – Informed – Heuristics – Local Search Algorithms and Optimization Problems – Searching with Partial Observations – Constraint Satisfaction Problems	2	2
Instructional Hours		12	
III	Knowledge Representation – First Order Predicate Logic – Prolog Programming – Unification – Forward Chaining – Backward – Chaining – Resolution – Knowledge Representation – Ontological Engineering	1	3
Instructional Hours		12	
IV	Software Agents – Architecture for Intelligent Agents – Agent Communication – Negotiation and Bargaining – Argumentation among Agents – Trust and Reputation in Multi-agent Systems	2	4
Instructional Hours		12	
V	AI Applications – Language Models – Information Retrieval – Information Extraction – Natural Language Processing – Machine Translation – Speech Recognition – Robot – Hardware – Perception – Planning – Moving.	1	5
Instructional Hours		12	
Total Hours		60	

Text Books :

1. S. Russell and P. Norvig - Artificial Intelligence: A Modern Approach, Prentice Hall, Third Edition, 2009.

Reference Book(s):

1. M. Tim Jones, - Artificial Intelligence: A Systems Approach (Computer Science), Jones and Bartlett Publishers Inc.; First Edition, 2008.
2. Nils J. Nilsson, - The Quest for Artificial Intelligence, Cambridge University Press, 2009.

Tools for Assessment (30 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Snap Talk	Total
5	5	5	5	5	5	30

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	H	M	M	M	L	H	M	M	M	L	L
CO2	H	M	M	M	M	L	L	M	M	H	M	L	L
CO3	H	H	H	M	M	M	M	H	H	H	H	M	M
CO4	H	H	M	M	H	M	L	M	H	H	M	M	M
CO5	H	M	H	M	M	L	L	M	H	H	H	M	L

Mapping

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3CCC617	Core Paper – XVII E-Commerce		
Semester: VI	Credits: 4	CIA : 50 Marks	ESE : 50 Marks

Course Objective:

Enhance the students to acquire knowledge and techniques in the field of E-Commerce.

Course Outcomes (CO)

CO1	Knowledge on the basic concepts of e-business
CO2	Automate the business on internet
CO3	Implement security features and navigations over internet
CO4	Digitize banking transactions
CO5	Grasp the knowledge of e-commerce software in business

Offered by: Commerce

Course Content**Instructional Hours / Week:6**

Unit	Description	Text Book	Chapter
I	E-Commerce - Framework-Classification of electronic commerce - Anatomy of E-Commerce Applications	1	1
	Components of the I way - Network Access Equipment - Internet Terminology.	1	2
Instructional Hours			18
II	Electronic Data Interchange – Benefits –EDI, Legal, Security & privacy issues - EDI software implementation	1	3
	Value added networks – Internal Information Systems - Work flow atomization and Coordination - Customization and Internal Commerce.	1	4
Instructional Hours			18
III	Network security and firewalls - Client Server Network Security - Emerging client server security Threats - Firewalls and network security- Data and message security - Encrypted documents and electronic mail	1	5
	Hypertext publishing - Technology behind the web - Security and the web.	1	6
Instructional Hours			18
IV	Payment cards – Electronic cash – Electronic Wallets – Stored value cards – Internet technologies & banking Industries.	2	7
	Planning Electronic commerce initiatives – managing electronic commerce implementation	2	8
Instructional Hours			18
V	Web server basics – software for web servers – web Server hardware.	2	9

Advanced functions of electronic commerce software – E- commerce software for large business.	2	10
Instructional Hours	18	
Total Hours	90	

Text Book(s):

1. Ravi Kalakota & Andrew B. Whinston, **Frontiers of Electronic Commerce**, Dorling Kindersley (India) Pvt.Ltd, 2006.
2. Gary. P Schneider, **Electronic Commerce**, 7th edition, Thomson Publication, 2007.

Reference Book(s):

1. Bharat Bhasker, **Electronic Commerce**, Tata McGraw Hill Publishing Co Ltd, New Delhi, 2006.
2. Daniel Minoli, Emma Minoli, **Web Commerce Technology Handbook**, Tata McGraw Hill Publishing, New Delhi.
3. Joseph, Prentice P.T., **E-Commerce, A Managerial Perspective**, Hall of India, New Delhi, 2014.
4. Krishnamurthy, **E- Commerce Management**, Vikas Publishing House, New Delhi, 2012.

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	Total
8	8	10	8	8	8	50

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	H	H	M	H	M	M	H	M	M	M	M	L
CO2	H	H	H	M	M	M	M	M	H	H	H	M	L
CO3	H	M	H	M	H	L	M	M	H	H	M	M	M
CO4	M	H	H	M	M	L	L	H	H	H	M	H	M
CO5	M	H	H	M	H	M	M	M	H	H	M	H	M

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3ACC618	Core Paper – XVIII Internet and Web Designing		
Semester: VI	Credits: 4	CIA : 50 Marks	ESE : 50 Marks

(Common to B.Com CA/ B.Com IT)

Course Objective:

The course provides the student must know the concepts of Internet and design a web page.

Course Outcomes:

CO1	Knowledge on internet services, process and techniques used in world wide web
CO2	Outline the search engines with the usage of e-mail
CO3	Create a format and a stylish webpage
CO4	Create a hyperlink and table format for a web page
CO5	Embed audio and video with forms and frame settings in a web page

Offered by: Commerce**Course Content****Instructional Hours / Week: 6**

Unit	Description	Text Book	Chapter
I	Introduction to Internet - Internet Access / Dial-Up Connection – Internet Services“ Features – TCP/IP Vs Shell Accounts – Configuring the Machine for TCP/IP Account – Configuring the Shell Account – Telnet – Changing the Password	1	1
	World Wide Web (WWW) - Web Page – Hyper Text – HTML Tags – Net Surfing - Internet/Web Browsing - Browser – Internet Addressing – IP Address – Domain Name – Electronic Mail – Uniform Resource Locator (URL) – Internet Protocols –TCP/IP – FTP – HTTP – Telnet – Gopher – WAIS.	2	2
Instructional Hours			18
II	Searching the Web – Web Index – Web Search Engine Web Meta – Searcher – Search Functions – Search Engines– Meta Search Sites–Directories and Indexes Specialized Directories	1	3
	Electronic Mail (E-Mail) – E-Mail Message – Customizing E-Mail Programs – Managing Mails – Zen of E-mailing“–Address Book–Signature Feature – File Attachment Facility – Setting priority – Advantages and Disadvantages of E-Mail.	1	4
Instructional Hours			17
III	Introduction to HTML – HTML Code for a Web Page – Web Page Basics – Set up a Web Page – Display a Web Page in a Web Browser	2	5

	Start a New Paragraph – Start a New Line – Insert Blank Spaces – Heading – Pre-format Text – Comment – Special Characters – Format Text – Emphasize – Superscript and Subscript – Font Style and Size – Color – Margins – Mono Spaced Font – Block Quote	2	6
	Lists – Ordered List – Unordered List – Nested List – Definition List – Images – Add an Image – Background Image – Border – Wrap Text Around an Image–Aligning the Image–Horizontal Rule–Use Images in List – Convert an Image to GIF or JPEG.		
Instructional Hours			18
IV	Links - Link to another Web Page – Link within a Web Page – Link to an Image – Link to a File – E-mail Link – Link to an FTP Site - Change Link Colors - Create Keyboard Shortcuts – Change the Tab Order	2	8
	Tables – Create a Table – Add a Border – Caption – Column Groups – Row Groups – Color – Background Images – Aligning Data – Size of a Table – Size of a Cell – Span Cells – Cell Spacing and Cell Padding – Borders – Text Wrapping – Nested Tables – Wrap Text around a Table.	2	9
Instructional Hours			17
V	Sounds and Videos – Link to a Sound – Sound Considerations – Embedded Sound – Extended Video – Video Considerations – Internal Video	2	10
	Introduction to Forms – Set up a Form – Text Box – Large Text Area – Check Boxes – Radio Buttons – Menu – Upload Files – Submit and Reset Button – Hidden Field – Organize Form Elements – Label From Elements	2	11
	Introduction to Frames – Creating Frames – Frame Considerations – Provide Alternative Information – Link to a Frame - Scroll Bars – Resizing Frames – Frame Borders – Frame Margins – Nested Framesets – Inline Frame.	2	12
Instructional Hours			18
CONTEMPORARY ISSUES			
VI	Expert lectures, online quizzes – Webinars		
Instructional Hours			02
Total Hours			90

Text Book(s):

1. Alexis Leon & Mathews Leon, **Internet for Everyone**, Leon Tech World, Chennai, 2012.
2. Goodman Danny, **Dynamic HTML**, SHROFF Publishers, 2007.

Reference Book(s):

1. Gosney John W & Thoson, **HTML BPB Publications**, 2004.
2. Mercer David, **HTML Complete**, BPB Publications, 1999.

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Mini Project	Total
8	8	10	8	8	8	50

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	H	H	M	M	M	L	M	H	H	M	M	L
CO2	H	H	H	M	H	M	M	M	H	H	M	L	L
CO3	M	H	H	M	M	L	M	H	H	H	M	L	L
CO4	H	M	M	M	H	M	M	M	M	M	M	M	L
CO5	H	H	H	M	M	M	L	M	H	H	H	M	M

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3ACP619	Core Paper – XIX Web Designing Practical		
Semester: VI	Credits: 4	CIA : 50 Marks	ESE : 50 Marks

(Common to B.Com CA/B.Com IT)

Course Objective:

To enable the students to understand the conceptual knowledge in creating a web page.

Course Outcomes (CO)

CO1	To define the knowledge on component prompt.
CO2	To demonstrate the procedure to use HTML tags
CO3	To interpret knowledge on web pages concept
CO4	To illustrate small programs on basic concept
CO5	To recognize the web tool usage

Offered by: Commerce**Course Content****Instructional Hours / Week: 4**

S. No.	List of Programs (10 Programs) Computer Lab
1.	Create a Program using HTML to display the ordered list and unordered list of a Departmental Store.
2.	Program to display Image and text using HTML tag for an advertisement of a Company Product.
3.	Create a table to display list of products using HTML tag.
4.	Create web pages for a business organization using HTML Frames.
5.	Create a document using Formatting and alignment to display Sales Letter.
6.	Create a Resume using HTML Tags.
7.	Create a website of your department with minimum five links using HTML
8.	Create a document using Form to support Local Processing of Order form.
9.	Create a Form of the Customer Survey for the user to enter General name and address information.
10.	Create a Frame to display a multiform document.
Total Hours : 60	

Tools for Assessment (50 Marks)

Creative Thinking	Lab Performance	Report	Test 1	Test 2	Observation Note	Total
8	8	8	10	10	6	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	H	M	M	M	L	M	H	H	M	M	H	L
CO2	H	H	M	M	H	M	M	M	M	M	M	M	L
CO3	H	M	H	M	M	L	L	M	H	H	M	H	M
CO4	M	H	H	M	M	M	M	H	H	H	M	H	L
CO5	H	M	H	M	H	L	L	M	H	H	M	M	L

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3ACE604	Discipline Specific Elective – II (A) Business Finance		
Semester : VI	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

(Common for B.Com./ B.Com.CA/ B.Com.PA/ B.Com. Banking)

Course Objective:

Enhance the students to understand financial concepts and its effective utilization in business.

Course Outcomes:

CO1	Understand the concept of business finance
CO2	Capacity to prepare the financial plans
CO3	Able to understand the sources of finance
CO4	Construct optimum Capital Structure
CO5	Knowledge on Over capitalization and undercapitalization

Offered by : Commerce

Course Content

Instructional Hours / Week: 5

Unit	Description	Text Book	Chapter
I	Business Finance: Introduction – Meaning – Concepts - Scope – Function of Finance Traditional and Modern Concepts – Contents of Modern Finance Functions	1	1.
	Instructional Hours		15
II	Financial Plan: Meaning - Concept – Objectives – Types – Steps – Significance – Fundamentals	1	2
	Instructional Hours		15
III	Sources and Forms of Finance: Equity Shares, Preference Shares, Bonds, Debentures and Fixed Deposits – Features – Advantages and Disadvantages- Lease Financing: Meaning – Features – Forms – Merits and Demerits.	2	3
	Instructional Hours		15
IV	Capital Structure – Cardinal Principles of Capital structure – Trading on Equity – Cost of Capital – Concept – Importance – Calculation of Individual and Composite Cost of Capital.	2	2
	Instructional Hours		15
V	Capitalisation - Bases of Capitalisation – Cost Theory – Earning Theory – Over Capitalisation – Under Capitalisation: Symptoms – Causes – Remedies – Watered Stock – Watered Stock Vs. Over Capitalisation	1	6
	Instructional Hours		15
Total Hours			75

Text Book(s) :

1. R.M. Sri Vatsava, **Essentials of Business Finance** Himalaya Publishing House , New Delhi, 2013.
- 2 . S.N. Maheswari, **Financial Management Principles and Practice**, Sultan Chand & Sons Educational Publishers, New Delhi, 2012

Reference Book(s) :

1. I.M. Pandey, **Financial Management**, Vikas Publishing House Pvt. Ltd, 2015
2. M.Y. Khan and Jain, **Financial Management**, Tata Mcgraw Hill Publishing Company, 2009.

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	TOTAL
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	M	L	L	L	M	L	H	M	H	M	M
CO2	H	M	M	L	L	L	M	L	H	M	L	M	H
CO3	H	M	M	L	L	L	M	L	H	M	M	H	L
CO4	H	M	M	L	L	L	M	L	H	M	L	M	M
CO5	H	M	M	L	L	L	M	L	H	M	L	M	H

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3ACE605	Discipline Specific Elective – II (B) Entrepreneurial Development		
Semester : VI	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

[Common to B.Com CA / B.Com PA / B.Com IT & B.com Banking]

Course Objective :

Students should be well versed in concepts of entrepreneur, knowledge on the financial institution, project report incentives and subsidies.

Course Outcomes :

CO1	Outline the basic concepts of Entrepreneurship
CO2	Knowledge on project identification and appraisal
CO3	Explain the institutional support to entrepreneurs
CO4	Classify the financial institutions for entrepreneurship
CO5	Understand the concepts of incentives and subsidies

Offered by : Commerce

Course Content

Instructional Hours / Week : 5

Unit	Description	Text Book	Chapter
I	Concept of entrepreneurship: Definition Nature and characteristics – functions and types of entrepreneurship - phases of EDP –Women Entrepreneur – Rural Entrepreneur - Forms of Ownership Franchising – International entrepreneurship	1	1
Instructional Hours			14
II	The start-up process of Micro, Small and Medium industry: Project identification– project formulation evaluation – feasibility analysis – Project Appraisal - Project Report	1	4
Instructional Hours			14
III	Institutional Support to Entrepreneurs – DIC, SIDO, NSIC, SISI, SSIC, SIDCO – ITCOT, IIC, KVIC and commercial bank.	1	3
Instructional Hours			15
IV	Institutional finance to entrepreneurs : IFCI, SFC, IDBI, ICICI, TII, LIC and GIC, UTI, SIPCOT –SIDBI Commercial bank - venture capital - Sickness in Micro, Small and Medium Enterprises	1	2
Instructional Hours			15
V	Incentives and subsidies – Subsidized services– subsidy for market. Transport – seed capital assistance - Taxation benefit to SSI role of entrepreneur in export promotion and import substitution – Cluster Development Programme	1	5
Instructional Hours			15
Contemporary Issues			
VI	Expert Talk – Seminar		2
Total Hours			75

Note: Distribution of Marks: Theory 100%

Text Book(s):

1. E. Gordan K. Natarajan, Entrepreneurship Development, 5th Edition, Himalaya Publishing House, 2015.

Reference Book(s) :

1. C.B.Gupta and N.P.Srinivasan, Entrepreneurial Development, 3rd Edition, Sultan Chand & Sons, 2014.
2. Vasant Desai, Dynamic of Entrepreneurial Development, 3th Edition, Himalaya Publishing House, 2018.
3. S. Sethurajan, Principles of Entrepreneurship Development, Speed Publishers, Coimbatore, 2005.

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	TOTAL
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	L	M	L	M	M	M	H	M	H	M	H
CO2	H	H	L	M	L	M	M	M	H	H	L	H	H
CO3	M	M	L	M	L	M	M	M	H	H	M	H	L
CO4	H	M	L	M	L	M	M	M	H	M	H	M	M
CO5	H	M	L	M	L	M	M	M	M	H	H	L	M

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3CCE606	Discipline Specific Elective Paper - II (C) Software Quality Assurance		
Semester: VI	Credits: 4	CIA : 50 Marks	ESE : 50 Marks

Course Objective:

To learn various metrics of software quality and to acquire knowledge on software quality Management.

Course Outcomes:

CO1	Define the concept of Software quality
CO2	Evaluate software metrics results.
CO3	Analyze different approaches to software quality assurance
CO4	Apply software quality assurance knowledge in practice
CO5	Develop competencies for dealing with quality measure

Offered by: Commerce

Course Content

Instructional Hours / Week: 5

Unit	Description	Text Book	Chapter
I	Introduction to Quality: Introduction-History of Quality Assurance-Quality in the Current Business Scenario-Models and frameworks of Quality.	1	1
	Software Process-Models and Frameworks: Contributors to software quality-models affecting software quality-software development process models-quality standards and guidelines-software process capability improvement models.	1	2
Instructional Hours			15
II	Software process-Detailed view: Need of software process-Process structure and definition-process classification-process frameworks-process automation-process validation and improvement.	1	3
	Software Metrics: Arts and Science of Software projects-Measures and metrics-metrics across the project lifecycle-metrics establishment program-information flow in software projects-metrics presentation for decision making-metrics management challenges.	1	4
Instructional Hours			15
III	Project types and delivered quality: The outsourcing Innuendo-Application Support and maintenance projects-ERP Implementation projects-product development lifecycle	1	5
Instructional Hours			15

IV	Quality and project Management: Project-Meaning and Scope- Project Management Process-Project and Organization-The QUALITY Link-Project Variables-Learning and sharing- Managing Project Risk.	1	6
Instructional Hours			15
V	Quality Development-System and Methods: Need to standardize-Conglomerate of best practices-Medels Dilemma-Business Growth and Patterns of QMS-Sustenance of QMS-Impact of Training and Process Interventions in Deployment-Branding of Methodologies-Quality System and Managing Uncertainty-QMS-Tools and Automation	1	7
Instructional Hours			15
Total Hours			75

Text Book(s):

1. Kamna Malik, Praveen Choudhary “ **Software Quality**”, Tata Mcgraw Hill, New Delhi.2008.

Reference Book(s):

1. Gordon G Schulmeyer, “**Handbook of Software Quality Assurance**”, Third Edition, Artech House Publishers 2007.
2. Nina S Godbole, “**Software Quality Assurance: Principles and Practice**”, Alpha Science International, Ltd, 2004.

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	TOTAL
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	H	M	M	L	M	M	M	M	M	M	L
CO2	H	M	M	M	H	M	L	H	H	H	M	M	L
CO3	H	H	H	M	H	L	L	M	H	H	H	H	M
CO4	M	H	H	M	M	M	M	H	H	H	M	H	L
CO5	H	M	H	M	M	M	M	M	M	H	M	M	L

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3ACE607	Discipline Specific Elective Paper – III (A) Investment Management		
Semester : VI	Credits : 4	CIA : 50 Marks	ESE : 50 Marks

(Common to B.Com / B.Com. CA/ B. Com. PA/ B.Com. IT / B.Com. Banking)

Course Objective:

To enhance the students acquire knowledge on the theory and practice of security analysis and investment decision making process.

Course Outcomes:

CO1	Able to identify various investment avenues
CO2	Classify the capital market functions
CO3	Infer different investment analysis
CO4	Capacity to construct Portfolio analysis
CO5	Outline Financial derivatives

Offered by: Commerce

Course Content

Instructional Hours / Week : 5

Unit	Description	Text Book	Chapter
I	Investment – Introduction, Features of an Investment programme, Risk of Investment, Finance Vs Investment.	1	1
	Investment & Speculation, Gambling, Importance of Investment, Factors Favourable for Investment.	2	1
	Investment alternatives: Bonds, Shares, Govt Securities, Life Insurance, Gold & Silver.	2	7,8
Instructional Hours			15
II	Primary Market – Role of New Issue Market, Methods of floating new issues	1	3
	Secondary market – functions, Bombay Stock Exchange, National Stock Exchange – trading practices, security market indicators.	2	3
	Analysis in Investment Decision: Systematic & Unsystematic Risk – Return-Role of SEBI	2	6
Instructional Hours			15
III	Fundamental Analysis – Economic Analysis, Industry Analysis, Company Analysis	2	12
	Technical Analysis – assumptions, Dow theory, charts & Signals, technical indicators	2	13
	Efficient Theory – weak , semi – strong & strong form of efficient market	1	22
Instructional Hours			15
IV	Portfolio Analysis - Markowitz Portfolio Theory, Efficient frontier, Sharpe ideal index, CAPM	2	15
	Portfolio Investment process – planning, implementation, portfolio monitoring, objectives, constraints, types & needs.	1	29
Instructional Hours			15

V	Financial Derivatives – Recent development in global financial derivative market – derivatives market in India, trading mechanism	1	32
	Futures, Options, Futures Vs Options, Swaps- Types.	2	19
Instructional Hours			15
Total Hours			75

Note: Distribution of Marks: Theory 100%

Text Book(s) :

1. Bhalla V. K, **Investment Management - Security Analysis & Portfolio Management**, S.Chand & Company Ltd, New Delhi, 15th Edition, 2009.
2. Preethi Singh, **Investment Management - Security Analysis & Portfolio Management**, Himalaya Publishing House, Mumbai, 14th Edition, 2006.

Reference Book(s) :

1. Prassanna Chandra, **Investment Analysis & Portfolio Management**, Tata McGraw Hill Publishing Company, New Delhi, 3rd Edition, 2008.
2. William.F. Sharpe, Gordon J. Alexander Jeffery, V. Bailey, **Investments**, Prentice Hall of India Pvt. Ltd., 2007.

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	TOTAL
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	L	L	M	M	L	M	H	M	H	M	M
CO2	M	M	L	L	M	M	L	M	H	M	M	M	H
CO3	M	M	L	L	M	M	L	M	H	M	L	M	M
CO4	M	M	L	L	M	M	L	M	H	M	M	M	M
CO5	M	M	L	L	M	M	L	M	H	M	H	M	M

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U3ACE608	Discipline Specific Elective Paper – III (B) Financial Markets		
Semester: VI	Credits: 4	CIA : 50 Marks	ESE : 50 Marks

(Common to B.Com / B.Com CA / B.Com PA)

Course Objective:

To enable the students to know functioning of Indian Financial Markets

Course Outcomes (CO):

CO1	Understand the structure and functions of Indian financial markets
CO2	Summarize the role and functions of merchant banking
CO3	Able to know the regulatory framework & Indian securities market
CO4	Classify the financial intermediaries
CO5	Outline the new modes of financial markets

Offered by: Commerce**Course Content****Instructional Hours / Week: 5**

Unit	Description	Text Book	Chapter
I	Financial Markets- Structure of Financial Markets – Financial Investment- Money Market in India-Indian Capital Markets.	1	1
	Difference between Money Market and Capital Market- Classification and objective of Indian Money and market structure of Capital Market – Indian Financial System	1	2
Instructional Hours			15
II	Markets for Corporate Securities – New Issue Markets – Functions - issue Mechanism.	1	3
	Merchant Banking – Role and Functions of Merchant Banking in India	1	9
Instructional Hours			15
III	Secondary Market – Stock Exchange – Role of Secondary Market – Trading in Stock Exchange – Various Speculative Transactions- Role of SEBI- Regulation of Stock Exchange	1	4
Instructional Hours			15
IV	Banks as a Financial Intermediaries – Commercial Banks Role in Financing – IDBI- IFCI- LIC- GIC	2	34
	Mutual Funds and Investment Companies	1	13

Instructional Hours			15
V	New Modes of Financing – Leasing as Sources of Financing- forms of Leasing	1	11
	Venture Capital – dimension Functions – Venture Capital in India	1	12
	Factoring – Types – Modus Operations of Factoring – Factoring as Source of Finance	1	14
Instructional Hours			15
Total Hours			75

Text Book(s):

1. Gordon E., and Natarajan K, **Financial Markets and Services**, Himalaya Publishing House, New Delhi., 2014.
2. Gurusamy. S, **Financial Markets and institutions**, Tata McGraw Hill, New Delhi, 2014.

Reference Book(s):

1. Bhole. L. M, **Financial Markets and Institutions**, Tata McGraw Hill, New Delhi, 2014.
2. Varshney. P.N, **Indian Financial System**, Sulthan Chand & Sons, New Delhi, 2013.
3. Khan. M.Y, **Indian Financial System**, Tata Mc Graw Hill, New Delhi, 2014.

Tools for Assessment (50 Marks)

CIA I	CIAII	CIA III	Assignment	Seminar	Poster Making	Total
8	8	10	8	8	8	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	L	L	L	M	L	L	H	M	H	M	M
CO2	M	M	L	L	L	M	L	L	H	M	M	H	H
CO3	M	M	L	L	L	M	L	L	M	H	L	M	M
CO4	M	M	L	L	L	M	L	L	H	M	M	M	H
CO5	M	M	L	L	L	M	L	L	M	M	M	H	M

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

21U3ACV609	Discipline Specific Elective Paper III (C) Project Work and Viva Voce		
Semester: VI	Credit: 4	CIA: 50 Marks	ESE: 50 Marks

[Common to B.Com / B.Com (CA) / B.Com (PA) / B.Com (IT) / B.Com (Banking)]

Instructional Hours: 75

Course Objective: The primary objective of project is to provide an opportunity to our students to make an intensive study of practical aspects of functional and technical areas of management viz., Marketing Management, Financial Management, Human Resource Management, Banking, Insurance and application of software in their domine areas. So on to sharpen their conceptual, analytical and problem solving skills.

Project Period: The undergo their project work during the sixth semester and submit at the end of the semester

Guidelines

1. A Guide has been allotted to each student by the department. Student can select any topic in discussion with the supervisor. Students should maintain a work diary were in weekly work carried out has to be written. Guide should review the work every week and put his/her signature. The work diary along with project report should be submitted at the time of viva voce.
2. **CIA Marks Distribution :** A minimum of two reviews have to be done, one at the time finalizing the questionnaire/identifying the primary data and the second review at the time of commencement of report writing. They should be asked to present the work done to the respective guide in the two reviews. The guide will give the marks for CIA as per the norms stated below:

Review – I	10 Marks
Review – II	10 Marks
Review – III	10 Marks
Document Preparation and implementation	20 Marks
Total	50 Marks

3. **End Semester Examination:** The evaluation for the end semester examination should be as per the norms given below:

Record Work and presentation	30 Marks
Viva-Voce Examination	20Marks
Total	50 Marks

4. General Format for Project Report

The final stage of work consists of the

1. Title Page
2. Certificate by Institution

3. Acknowledgement
4. Declaration
5. Table of contents
6. List of table and charts
7. Bibliography
8. Abbreviation
9. Appendix
10. Questionnaire / Coding

5. **Template for Non – Computer Project:** The following structure of project work should be followed to maintain the uniformity in preparation and presentation

- a) **Chapter1–Introduction :** In this chapter Introduction about the project, historical background, Objectives, Hypothesis (if applicable), Statement of the problem, Research methodology and Chapter scheme.
- b) **Chapter 2-Literature Review :** This chapter will provide information about studies done on the respective issue. This would assist students to undertake further study on same issue.
- c) **Chapter 3–Theoretical Aspects :** The Theoretical aspects of the project
- d) **Chapter 4-Data Presentation and Data Analysis** This chapter is the core part of the study. The analysis pertaining to collected data will be done by the students. The application of selected tools or techniques will be used to arrive at findings. In this table of information, presentation of graph etc can be should be provided by the students.
- e) **Chapter5-Conclusion** In this unit of project work findings of work will be covered by the candidate and suggestion will be mentioned by the candidate to validate the objectives and hypotheses.

If required more chapters of data analysis can be added.

6. **Typing Instruction**

Paper: 8 1/2 * 11 inches in size i.e A4 Size paper. Only one side of the sheet should be typed

Margin: The left side margin should not be less than 1 1/2 inches (or 40mm) the right, top and Bottom Margin one inch (or 25mm)

Font: Times New Roman, subject matter -12 font size in running format, Heading and Section headings should be capitalized – 14 font size.

Headings and Titles: Heading and Section headings should be **capitalized and centered– 14 font size with Bold**. Subdivision headings should be typed from **the left hand margin sentence case -12 font size with Bold**. Paragraphs should be indented seven space for pica type and nine for elite type **Tables, Graphs and Diagrams:** The table number (eg, TABLE 1.5) typed in capitals, should be separated from the text by two or three spaces. If an explanatory note to a table is necessary, an asterisk should be used. The note should be placed immediately below the table.

Line Spacing: The text of the thesis should be 1.5 linespacing. **Pagination:** Pages of the text are numbered continuously in Arabic numerals.

Foot note : Footnote citation is indicated by placing an index number i.e. a superscript or numeral. The superscript numeral must appear at the top of the line both in the text and in a footnote. Footnote are single spaced, with double spacing between two consecutive citations. Footnote are numbered consecutively within each chapter or throughout the entire report.

Basic Format: Author's name, title of the work, Place of publication: Publisher's name, year, Page no.(s). Note of punctuations. Page number to be preceded by "p" if single or "pp". if two or more pages. Title to be underlined. **For eg** Drucker¹ lays great stress on the concept of self control. Control, according to him means "the ability to direct one-self and on's work" on the basis of the objective¹

Bibliography: The format for bibliographical listing for books, reports, articles are same for footnote also. Books and articles can be arranged either chronological order or year wise.

For citing Books : Mann, R.S Social Change and Social Research, New Delhi: Concept Publishing Company, 1988, .27

Publication of Government and Public Organisation : Government of India, India 1986: A Reference Annual, New Delhi: Publication Division, 1987, p.127

Quoting from Secondary Sources: Gand, William. S., "Foreign Aid: What it is; how it works; why we provide it", Department of State Bulletin, 59, No.1537, 1958, quoted in Todaro, Michael p, Economic Development in the Third world, New York, Longman, 1981, p.40.

Citing Journal: Goel Ranjan, "Achievement through Human Engineering", Indian Management, 28, No.8, July, 1988, pp.14-16.

Citing Thesis or Dissertation: Pandey, Subrata, A study of organizational and Individual Characteristics in R & D Organisations, unpublished Ph. D Thesis, Bangalore: Indian Institute of Science, 1986.

For Citing Seminar Paper: Krishnaswami O.R., "Towards Excellence in Cooperative Management" (Paper Presented at a Seminar on "Excellence in Management, Cooperative Training College, Bangalore, July 1989)

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
21U4ACS604	Skill Based Paper – IV Cyber Security and Law		
Semester : VI	Credits : 3	CIA : 30 Marks	ESE : 45 Marks

(Common to B.Com / B.Com CA / B.Com PA / B.Com IT / B.Com Banking)

Course Objective:

To enable the student should have a thorough knowledge on the basic concepts which lead to the formation and execution of electronic contracts.

Course Outcomes:

CO1	Define the concept of cyber law
CO2	Develop competencies for dealing with frauds and deceptions via internet
CO3	Explain the legal and policy developments to regulate cyber space
CO4	Examine In-depth knowledge on ITA, rights to privacy data security and data protection and EDI
CO5	Awareness on Civil , Criminal Offenses under Information Technology Act, 2020

Offered by : Commerce

Course Content

Instructional Hours / Week : 4

Unit	Description	Text Book	Chapter
I	Cyber Law: Introduction- Significance of Cyber Law- Concept of Cyberspace - Cyber Law Governance	1	1
	E-Commerce in India-Privacy factors in E- Commerce - Cyber law in E-Commerce- Essentials of online Contract	1	2
Instructional Hours			11
II	Data Security Aspects: Introduction-Technical aspects of Encryption – Public key Infrastructure - Digital Signature Certificates – Cyber security issues in India	1	3
	Intellectual Property Aspects: Intellectual Property rights and laws – Objective of Intellectual Property Law firms - WIPO-GII-ECMS-Indian Copy rights act on soft propriety works - Indian Patents act on soft propriety works.	1	4
Instructional Hours			11
III	Criminal aspect: Computer Crime Meaning -Factors influencing Computer Crime- Strategy for prevention of computer crime- Cases of cyber crimes. Evidence Aspects: Evidence as part of the law of procedures – Applicability of the law of Evidence on Electronic Records – Indian Penal Code (Amendment) Act, 2020. The Indian Evidence Act 2020.	1	5
Instructional Hours			12
IV	Global Trends: Introduction of Electronic Data Interchange Electronic Data Interchange Document Standard– Legal framework of Electronic Data Interchange- EDI Mechanism-Electronic Data Interchange Scenario in India	1	6
Instructional Hours			12

V	The Information Technology Act 2020-Definitions-Authentication of Electronic Records Electronic Governance- Civil and Criminal Offenses under The Information Technology Act 2020	1	7
Instructional Hours			12
Contemporary Issues			
VI	Expert Talk – Seminar		2
Total Hours			60

Note: Distribution of Marks: Theory 100%

Text Book(s) :

1. Dr. Kirubashini – P. Kavitha , **Cyber Law**, Nandhini Pathippagam, Coimbatore,2012

Reference Book(s) :

1. Suresh T.Viswanathan, **The Indian Cyber Law**, Bharat Law House, NewDelhi, 2010.
2. Harish Chander, **Cyber Law & IT Protection**, PHI Publications, 2012.
3. Pavan Duggal, **Cyber Law**, Universal Publishers, 2016.

Tools for Assessment (30 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	TOTAL
4	4	7	5	5	5	30

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	H	M	M	L	L	M	M	M	M	M	L
CO2	H	M	H	M	H	M	M	H	H	H	M	M	L
CO3	M	M	H	M	M	L	M	M	H	H	H	M	M
CO4	H	H	M	M	M	M	L	H	H	H	M	M	L
CO5	H	H	H	M	H	L	M	M	H	H	M	H	L

H-High; M-Medium; L-Low.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title	
21U4AC3ED1	Extra Departmental Course – I Fundamentals of Accounting	
Semester : III	Credits : 2	ESE : 50 Marks

Course Objective :

To enable the students to understand the concepts and conventions of basic accounting.

Course Outcomes :

CO1	Acquire basic accounting concepts
CO2	Knowledge on fundamentals of accounting
CO3	Enable to record financial information
CO4	Ability to prepare final accounts
CO5	Awareness about non- profit organization accounts

Offered by : Commerce

Course Content		Instructional Hours / Week : 2	
Unit	Description	Text Book	Chapter
I	Introduction to Accounting - Meaning, definition, scope and objectives – Branches of Accounting - Bookkeeping and Accounting - Accounting concepts –Principles and Conventions – Classification of accounts.	2	1 & 2
Instructional Hours			6
II	Journal – Posting of ledgers, Balancing of ledger Accounts.	1	6
Instructional Hours			6
III	Preparation of subsidiary books - Trial Balance – Bank Reconciliation Statement.	1	3, 9
Instructional Hours			6
IV	Preparation of Final Accounts of Sole trader with simple adjustments.	2	5
Instructional Hours			6
V	Receipts and Payments Account - Income and Expenditure Account	2	26
Instructional Hours			6
Total Hours			30

Note: Distribution of Marks: Theory 40% and Problem 60%

Text Book(s) :

1. K.L.Nagarajan, N.Vinayakam, P.L.Mani, Principles of Accountancy, S Chand Publications, 2013.
2. T.S.Reddy, A.Murthy, Financial Accounting, Margham Publications, 2015.
3. Murthy & Gurusamy, Cost Accounting, Margham Publications, 2015.

Reference Book(s) :

1. S.P. Jain & K.L.Narang, Financial Accounting, Kalyani Publishers, 2008.
2. T.S.Reddy, A.Murthy, Advanced Accounting, Margham Publications, 2015.
3. P.C.Tulsian., Advanced accountancy, Tata Mc Graw Hill PublishingCo., Ltd New Delhi. 2014.
4. S.K.Maheswari, T.S.Reddy, Advanced Accountancy, Vikaspublishers, 2010.

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title	
21U4AC3ED2	Extra Departmental Course – II Modern Banking	
Semester : III	Credits : 2	ESE : 50 Marks

Course Objective :

To gain basic knowledge in the field of banking.

Course Outcomes :

CO1	Define the basic banking concepts
CO2	List the central banking functions
CO3	Explain the features of ATM
CO4	Make use of mobile banking services
CO5	Infer e-banking services and its risks

Offered by : Commerce

Course Content

Instructional Hours / Week : 2

Unit	Description	Text Book	Chapter
I	Banking – Definition – Classification of Banks Banking System	1	6
	Functions of Commercial Banks		
	Instructional Hours		6
II	Central Bank – Functions – Credit control measures	2	5
	Role of RBI in Regulatory and Controlling Banks.	2	3
	Instructional Hours		6
III	ATM – Features – Mechanism – Benefits – Shared ATM Network in India –Electronic Funds Transfer System- RTGS – Debit Card – Credit Card – IMPS – NEFT.	2	7
	Instructional Hours		6
IV	Mobile Banking – meaning – Services – Security issues – Telephone Banking – Mechanism – Telephone Banking system – Call centers	2	9
	Instructional Hours		6
V	E-Banking – meaning – Benefits – Risk management for E- Banking	2	11
	Internet Banking – Mechanics of Internet Banking – Drawbacks of Internet Baking	2	15
	Instructional Hours		6
	Total Hours		30

Note: Distribution of Marks: Theory 100%

Text Book(s) :

1. Natarajan. S & Parameswaran R, Indian Banking, S. Chand & Company Ltd., 2004.
2. Gorden & Natarajan, Financial Markets & Services, Himalaya Publishing House, 2007.

Reference Book(s) :

1. Gorden & Natarajan, Banking Theory Law & Practice, Himalaya Publishing House, 2007.
2. Gurusamy.S, Banking Theory Law & Practice, Mc Graw Hill Education India Pvt.Ltd. 2008.
3. Varshney P.N, Banking Theory Law & Practice, Sultan Chand & Sons, New Delhi, 2015.
4. Shekar & shekar, Banking Theory Law & Practice, Vikas Publishing house Pvt.Ltd, New Delhi, 2014.

Course Designed by	Verified by HOD	Checked by	Approved by

21UACSS01	Self Study Paper - I Capital Market Operations	
Semester: II to V	Credit: 2	ESE: 50 Marks

(Common to B.Com/ B.Com CA / B.Com PA / B.Com IT/ B.Com Banking)

Course Objective:

To enhance the students get the investment knowledge about to various investment schemes

Course Outcomes:

CO1	Understand the Concept of investment
CO2	Ability to identify the various investment schemes
CO3	Knowledge on various bank deposits
CO4	Able to calculate bank interest rate
CO5	To understand the mutual funds

Offered by: Commerce

Course Content

Instructional Hours / Week: Nil

Unit	Description
I	Capital Market: Need and importance–Structure –Primary and Secondary market
II	New Issue Market Functions –Methods of Issue.
III	Stock Market - Functions of Stock Exchanges.
IV	Listing of Securities NSE –Procedures-Advantages of Listing –Screen Based Trading Settlement–Depository –Advantages-Depository Participants (DP)- Demat Accounts
V	SEBI –Functions of SEBI-Investors’ protection in primary market

Reference Book(s):

- 1: V.A. Avadhani, **Indian Capital Market**, Himalaya Publishing House, Mumbai.1997.
2. Dr. Gurusamy, **Financial Markets and Institutions**, Tata Mc Grew Hill, 2008.
3. Dr. Radha, **Financial Services**, Prasanna & Co., 2009.
4. Preeti Singh, **Investment Management**, Himalaya Publishing House, Mumbai, 2009.
5. Punidhavathi Pandiyan, **Security Analysis and Portfolio Management**, Vikas Publishing House, 2009.

Course Designed by	Verified by HOD	Checked by	Approved by

21UACSS02	Self Study Paper -II Personal Investment Management	
Semester: II to V	Credit: 2	ESE: 50 Marks

(Common to B.Com CA / B.Com PA / B.Com IT/ B.Com Banking)

Course Objective

To enhance the students get the investment knowledge about to various investment schemes

Course Outcomes:

CO1	Understand the Concept of investment
CO2	Ability to identify the various investment schemes
CO3	Knowledge on various bank deposits
CO4	Able to calculate bank interest rate
CO5	To understand the mutual funds

Offered by: Commerce

Course Content

Instructional Hours / Week: Nil

Unit	Description
I	Investment: Objectives of Investment-Principles-Types-Calculation of simple interest-Compound Interest.
II	Bank Deposit: Types-Features-Advantages-Fixed Deposit-Savings Bank Account-Recurring deposit-Current Account.
III	Post Office Investments and Company Bonds and Deposits Post office investments-NSC, POTD, POSB, PPF, Features-Advantages-Company Debentures/Bonds-Company Fixed Deposit-Types-Features-Advantages.
IV	Securities Market Securities market-Primary Market-IPO-Book Building-Secondary Market-Stock Exchanges-Functions-Trading in Stock Exchanges-Advantages of investing in shares.
V	Mutual Funds Features of Mutual Funds investments –Types-Advantages.

Reference Book(s):

1. S. Gurusamy, **Banking Theory and Law Practice**, Vijay Nicole, 2006.
2. Bhalla .V.K **Investment Management**, S.Chand &Co.New Delhi, 2009.
3. Preethi Singh, **Investment Management**, Himalaya Publications, 2009.
4. Gopalakrishnan, **Investment Management**, Kalyani Publishers, New Delhi. 2008.

Web Reference(s):

1. WWW.nseindia.com
2. WWW.bseindia.com

Course Designed by	Verified by HOD	Checked by	Approved by