CURRICULAM

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 INFORMATION TECHNOLOGY

CURRICULUM & SYLLABUS

EFFECTIVE FROM 2021- 2022

Department of Commerce – B.Com IT

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

Programme 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 function's areas of Commerce and Management
PEO3	Exhibit team spirits; skills and values to learn and adapt to change throughout their professional career
PEO4	Successful employee in IT industries by providing expected domain knowledge.
PEO5	Develop a programme for system-based applications and information network for business enterprises.

Programme Specific Outcomes (PSOs)

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

PSO1	Enable students acquire adequate knowledge to appear for examinations conducted by ICAI, ICSI, ICFA, ICMA etc.
PSO2	Provide assistance to students to become Chartered Accountants, Cost and Management Accountants and Company Secretaries.
PSO3	Develop employability and life skills that to meet the challenges in career and social environment.
PSO4	Develop their skills on computer-based accounting to real corporate and business Problems
PSO5	To make students skillful in decision making at personal and professional level.

Programme Outcomes (POs)

On Successful completion of the Programme, the graduates will have

PO1	Help students possess a thorough understanding on the functions of financial sector
PO2	Make students to possess adequate knowledge in accounting procedures required to handle accounts of the companies.

PO3	Provide knowledge on information technology and income tax laws that enables students become a tax consultant.
PO4	Build confidence in students on handling accounts through application of business software.
PO5	To make the students industry ready to preparing them to take up assignments in outsource industry especially in maintaining of accounts of multi-national companies.
PO6	To poster entrepreneurship.
PO7	To prepare students appear for professional examinations conducted by institutes such as ICAI, ICSI, ICFA, ICMA etc.
PO8	To support and maintenance of IT and information systems
PO9	To Build the basic architectural lay-out of systems and technologies
PO10	To Design a wide variety of things in digital and offline media.

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Scheme of Examination B.Com with Information Technology

(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	21U3CIC102	Core Paper– II Information Technology	4	3	50	50	100	4
	III	21U3CIP103	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	21U4HVY201	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	21U3ACC204	Core Paper – IV Financial Accounting	6	3	50	50	100	4
	III	21U3CIP205	Core Paper – V Computer Application Practical – II (Computerized Accounting)	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	21U4HVY201	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	CIA	ESE	Total	Credits
						Examination Marks			
III	III	21U3ACC306	Core Paper–VI Corporate Accounting	6	3	50	50	100	4
	III	21U3CIC307	Core Paper – VII Introduction to Python Programming	6	3	50	50	100	4
	III	21U3CIP308	Core Paper – VIII Python Programming Practical	4	3	50	50	100	4
	III	21U3ACA303	Allied Paper –III Managerial Economics	5	3	50	50	100	4
	IV	21U4CIS301	Skill Based Paper – I Relational Database Management System	4	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	21U4HVY402	Value Education– Human Values and Yoga Practice II	1	-	-	-	-	-
	IV	21U4CIVALC	**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	21U3CIC411	Core Paper – XI Java Programming	5	3	50	50	100	4
	III	21U3CIP412	Core Paper – XII Java programming Practical	4	3	50	50	100	4
	III	21U3ACA404	Allied Paper – IV Company Law and Secretarial Practice	4	3	50	50	100	4
	IV	22U4CIS402	Skill Based Paper – II Internet of Things	5	3	30	45	75	3
	IV	21U4NM4BT2/ 21U4NM4AT2/ 21U4NM4GEN	#@Basic Tamil – II /##Advanced Tamil – II/General Awareness	2	3	50		50	2
	IV	21U4HVY402	Value Education – Human Values and Yoga Practice II	1	2	50	-	50	2
	IV	21U4CIVALC	**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	CIA	ESE	Total	Credits
V	III	21U3ACC513	Core Paper –XIII Management Accounting	5	3	50	50	100	4
	III	21U3CIC514	Core Paper – XIV VB.NET Programming	6	3	50	50	100	4
	III	21U3CIP515	Core Paper–XV VB.NET Practical	4	3	50	50	100	4
	III	21U3ACC516	Core Paper – XVI Direct Tax	6	3	50	50	100	4
	III	21U3CIE501 21U3ACE502 21U3ACE503	Discipline Specific Elective Paper–I	5	3	50	50	100	4
	IV	21U4CIS503	Skill Based Paper – III Mobile Computing	4	3	30	45	75	3
				30				**575**	**23**
VI	III	21U3ACC617	Core Paper – XVII Principles of Auditing	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	21U3CIE604 21U3ACE605 210U3CIE606	Discipline Specific Elective Paper – II	5	3	50	50	100	4
	III	21U3ACE607 21U3CIE608 21U3ACV609	Discipline Specific Elective Paper – III	5	3	50	50	100	4
	IV	21U4ACS604	Skill 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**
Additional Credit (Optional)			Semester II – VI						**8$**

 # Basic Tamil – Students who have not studied Tamil upto 12th standard

 # Advanced Tamil – Students who have not studied Tamil language upto 12th / 10th standard and have choosen other language under part 1 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.
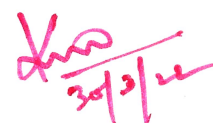
List of Elective Papers

Elective Papers	Course Code	Name of the Course
Elective I	21U3CIE501	Banking Theory Law and Practice
	21U3ACE502	Goods and Service Tax
	21U3ACE503	Consumer Affairs
Elective II	21U3CIE604	Networking Management
	21U3ACE605	Entrepreneurial Development
	21U3CIE606	Cloud Computing
Elective III	21U3ACE607	Investment Management
	21U3CIE608	Software Project Management
	21U3ACV609	Project Work and Viva Voce

Extra Departmental Course offered by the Department to other Department Students

S.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	Self Study Paper – I Capital Market Operations
2		21UACSS02	Self Study Paper – II Personal Investment Management

Chairman
Board of Studies
Department of Commerce
Nehru Arts and Science College

Chairman
BoS - Commerce

SYLLABUS

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. ஐங்குநூறு – 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. ஐங்குநூறு - உரையாசிரியர் ஒளவை துரைசாமிப்பிள்ளை, பதிப்பாசிரியர்கள் முதுமுனைவர் இரா.இளங்குமரனார், முனைவர்.பி.தமிழகன் தமிழ் மண் அறக்கட்டளை, சென்னை.17

2. திருவள்ளுவர் – திருக்குறள் பரிமேலழகர் உரை, சாரதா பதிப்பகம், ஜி – 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

	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**

<div align="center">(Common to all UG Programmes)</div>

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 अंग्रेज़ी 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	
I	लडाई–सर्वेश्वरदयाल सक्सेना	
	निर्देशात्मक घंटे	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	
	निर्देशात्मक घंटे	20
III	व्याकरण : संज्ञा, सर्वनाम, विशेषण, क्रिया, वचन, लिंग, काल, वाच्य, प्रत्यय, उपसर्ग, 'ने' का प्रयोग	
	निर्देशात्मक घंटे	15
IV	अनुवाद : अंग्रेज़ी–हिंदी (अनुवाद अभ्यास–3) (1-15)	
	निर्देशात्मक घंटे	10
V	पारिभाषिक शब्दावली	
	निर्देशात्मक घंटे	10
	कुल घंटे	75

पाठ्यपुस्तक**:**

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

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	H	-	L	M	M	-	L	-	-	-	M
CO2	-	-	M	-	L	M	H	-	-	-	-	-	-
CO3	-	-	M	-	M	H	L	-	-	-	L	-	-
CO4	-	-	H	-	-	M	-	-	-	-	-	M	-
CO5	-	-	M	-	-	-	H	-	-	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	**Credits : 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 കൂട്ടായ്മ ഉണ്ടാക്കുന്നു
CO4	ഭക്ഷണത്തിന്റെ മൂല്യം അർത്ഥവത്താക്കുന്നു
CO5	ആശയ വിപുലനം

Offered by : Malayalam Department

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

Unit	Description	
I	ചെറുകഥകൾ - സമകാല കഥകൾ	
	Instructional Hours	**15**
II	ചെറുകഥകൾ - സമകാല കഥകൾ	
	Instructional Hours	**15**
III	സംസ്കാര പഠനം	
	Instructional Hours	**15**
IV	സംസ്കാര പഠനം	
	Instructional Hours	**15**
V	ഉപന്യാസം, വിവർത്തനം, ആശയവിപുലനം	
	Instructional Hours	**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   5

Tools for Assessment (50 Marks)

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

Mapping

	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	-	-	-	-	-	-	L
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		
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 civilisation
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 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

	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 TANSCHE 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	Speaking	Reading	Total
8	8	10	8	8	8	50

Mapping

	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: 50Marks

(Common to B.Com / B.Com CA / B.Com PA / B.Com IT / B.Com 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 Account and Balance sheet	4	26
	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 Accountanc**y, 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	Worksheet	Class Participation	Total
8	8	10	8	8	8	50

Mapping

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title		
21U3CIC102	**Core Paper – II Information Technology**		
Semester: I	**Credits: 4**	**CIA : 50 Marks**	**ESE: 50 Marks**

Course Objective:

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

Course Outcomes:

CO1	Understand the concepts of Information Management System
CO2	Gain Knowledge about various Computing Applications
CO3	Create Awareness on Communication technology and networks
CO4	Knowledge on Various Management Concepts
CO5	Insight of IT Management and Planning

Offered by: Commerce

Course Content   **Instructional Hours / Week:4**

Unit	Description	Text Book	Chapter
I	Introduction: Managing in Information Age. Evolution of Information Technology Management – Types of Information Systems – Internet Based Business Systems	1	1
	Value Chain Reconstruction for E Business – IT Management Challenges and issues – Critical success Factors for IT Managers	1	1,2
	Instructional Hours		**12**
II	Hardware Software And Communication: Computing Hierarchy – Input – Output Technologies – Hardware Issues – System Architecture – Operating Systems – Network Operating Systems	2	3
	Grid Computing -Mobile Computing – Ubiquitous Computing – Application Programming – Programming Language – Compilers and Interpreters	2	4
	Instructional Hours		**12**
III	Communication Technology: Communication Technology –WWW – Intranets – Extranets – Voice Networks Data	1	5,6
	Communication Networks – Last Mile – Wireless System – Web Hosting – Application Service Providers	1	6
	Instructional Hours		**12**
IV	Information Technology Applications: Database Processing: Data Vs. Information – Database Management Systems: Meaning – Components – Uses – Limitations – Types. Enterprise Resource Planning – Enterprise System - Data Warehousing– Data Mining	2	5,11
	Customer Relationship Management System - Supply Chain Management Systems– Knowledge Management - E-Business Expectations and Customer Satisfaction	2	9,10
	Instructional Hours		**12**

V	IT Management & Planning: Nature and Scope of Management process – Scientific Management - Managerial functions and Roles – The evolution of Management Theory.	3	1,2
	Planning: meaning and purpose of planning - steps in planning - types of planning. Objectives and Policies - Decision making: Process of Decision making - types of Decisions	3	3,6
		Instructional Hours	**12**
		Total Hours	**60**

Text Book(s):

1. Garroll W. FrenzelJohne. Frenzel, **Management of Information Technology**, Thomson Course Technology, Boston, 2004.
2. Efraim Turban, R. Kelly Rainer Jr, Richard E. Potter, **Introduction to Information Technology**, John Wiley & Sons, (Asia) Pvt. Ltd. Singapore, 2004.
3. T.Ramasamy, **Principles of Management,** Himalaya Publishing House, Mumbai,2004

Reference Book(s) :

1. Henry C.Lucas, **Information technology for management,** John Wiley & Sons (Asia) Pvt. Ltd., 2014.
2. V. Rajaram, **Introduction to Information Technology**, PHI Learning Pvt. Ltd., 2013

Tools for Assessment (50 Marks)

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

Mapping

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

21U3CIP103	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 Libra 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 *(minimum of TEN slides)*	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 *(minimum of TEN data)*	Base
10	Analyze share price moment for three years period for a company listed in BSE.	Base
	Instructional Hours	**60**

Tools for Assessment (25 Marks)

Creative Thinking	Lab Performance	Report	Test 1	Test 2	Observation Note	Total
4	4	4	5	5	3	25

Mapping

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

B.Com/ CA/PA/IT/Banking   NASC | 2021

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 / 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

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

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

Course Designed by	Verified by HoD	Checked by	Approved by

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

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		**4**
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

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

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title
21U4HVY201	**Human Values and Yoga Practice I**
Semester: I & II	**Credits: 2**	

Course Outcomes:

CO1	To inculcate a sense of respect towards harnessing values of life and spirit of fulfilling social responsibilities.
CO2	To inspire individuals to choose their own personal, social, moral and spiritual values and be aware of practical methods for developing and deepening.
CO3	To understand and apply the knowledge of Cultural Education
CO4	To understand the importance of Meditation and to practice Meditation
CO5	To perform simple Physical Exercise.

Course Content   **Instructional Hours / Week: 1 (For Semester 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 Exercise – Kayakalpa Practices - Training for Potentialising the Mind.
	Instructional Hours **6**
	Total Hours **30**

Textbook:

1. **"Value Education",** compiled by Centre for Human Excellence, Nehru Arts and Science College.

Assessment Criteria:

25 marks	25 marks
Comprehensive test 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

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

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	சிற்றிலக்கியங்களின் 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   சிற்றிலக்கியங்கள்
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 தழுவியது
1.   சிற்றிலக்கியம் - 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. புலியூர்க்கேசிகன் 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 அகாதெமி, 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

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

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 अंग्रेज़ी 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 अंग्रेज़ी 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 अंग्रेज़ी	
	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

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

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. പന്മന രാമചന്ദ്രൻ നായർ - സമ്പൂർണ്ണമലയാള സാഹിത്യ ചരിത്രം - ഡി.സി.ബുക്സ് കോട്ടയം

3. ഡോ.കെ.എം. ജോർജ് - ആധുനിക മലയാള സാഹിത്യ ചരിത്രം പ്രസ്ഥാനങ്ങളിലൂടെ - ഡി.സി.ബുക്സ് കോട്ടയം

4. എരുമേലി - മലയാള സാഹിത്യം കാലഘട്ടത്തിലൂട - ഡി.സി.ബുക്സ് കോട്ടയം

Tools for Assessment (50 Marks)

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

Mapping

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

H-High; M-Medium; L-Low

Course designed by	Verified by	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

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	H	-	-	M	S	-	L	-	-	-	-
CO2	-	-	H	-	L	-	M	L	-	L	-	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	Recognize 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)**	2	

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 TANSCHE

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

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	H	H	M	M	H	H	-	-	-	-	-
CO2	H	M	H	H	M	H	H	H	-	L	-	-	-
CO3	H	M	H	M	H	H	H	H	-	-	-	L	-
CO4	H	H	H	M	H	H	H	H	-	-	-	-	L
CO5	H	M	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
21U3ACC204	**Core Paper: IV Financial Accounting**

Semester: II	Credits: 4	CIA : 50 Marks	ESE: 50 Marks

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

Course Objective:

To gain the knowledge on various systems of accounting and accounting procedures of Branch accounts, Departmental accounts, Royalty accounts and Hire Purchase and Installment System.

Course Outcomes:

CO1	Find various systems of accounting
CO2	Prepare hire purchase and installment system
CO3	Interpret and explain the performance of branches
CO4	Demonstrate the procedure in royalty accounts
CO5	Grasp the accounting treatments relating to issue, acceptance, discounting, maturity and endorsement of bills and notes in the books of drawer and drawee.

Offered by: Commerce

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

Unit	Description	Text Book	Chapter
I	Single Entry System – Meaning – Definition – Ascertainment of Profit – Difference Between Single Entry system and Double entry system	2	13
	Net worth Method – Conversion Method	2	13
	Instructional Hours		**18**
II	Hire Purchase and Installment system including hire Purchase trading Accounts	2	18
	Instructional Hours		**18**
III	Branch Accounts - Meaning, Features and Types of Branch Accounting - Debtors and Stock & Debtors System	2	25
	Departmental accounts –Meaning – Objectives – Advantages – Distinction between branch and department - transfers at cost or selling price	2	17
	Instructional Hours		**18**
IV	Royalty Accounts-Lease (excluding Sublease)	2	20
	Instructional Hours		**18**
V	Bills of exchange (trade bills only) - Account Current – Average due date	2	6
	Instructional Hours		**18**
	Total Hours		**90**

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

Text Book(s):

1. S.P. Jain and K.L. Narang., **Advanced Accounting**, Kalyani Publishers, 2015.
2. T.S Reddy and A. Murthy., **Financial Accounting**, MarghamPublications, 2015.

Reference Book(s):

1. R.L. Gupta and Radhasamy, **Advanced Accounting**, Sultan Chand and Sons, 1994.
2. M.C. Shukla, T.S. Grewal and S.C. Gupta, **Advanced Accounts**, S. Chand and Company Pvt. Ltd., 2016.
3. R.L. Gupta, **Advanced Accounting,** Sultan Chand & Sons, New Delhi, 2012.
4. M.C.Sukla, T.S.Grewal and S.C Gupta, **Advanced Accounting,** Sultan Chand &Sons, New Delhi, 2015.

Tools for Assessment (50 Marks)

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

Mapping

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title
21U3CIP205	**Core Paper – V Computer Application Practical – II (Computerized Accounting)**
Semester : II	**Credits : 2** **CIA : 25 Marks** **ESE : 25 Marks**

Course Objective

Enable students know and practice the legal documents used in Business organizations.

Course Outcomes:

CO1	Ability to prepare final accounts in tally software.
CO2	Effective maintenance of stock details.
CO3	Ability to maintain payroll details.
CO4	Skilful in analyzing financial position through tally software.
CO5	Analyze the financial position of the company through ratios

Offered by: Commerce

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

S. No.	List of Programs
	(10 Programs)
1	**Company creation and alteration** Creation and alteration with VAT; tally vault password and security control for the company.
2	**Ledger creation and alteration** Creating the ledger in single and multiple ledgers and altering the ledger for the cash balances.
3	**Prepare the Trial Balance** Preparation of the trial balance through using ledger and check the total balance of the ledger.
4	**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)
5	**Stock maintenance** Create the go down entries for the various goods and various location.
6	**Cash less transactions** Bank account statement with creditors and debtors (through Cheque passing and receiving)
7	**Expired goods** Creation for the expiry date for the FMCG products and Medicines. (preparing the statement for expired goods)

8	**Bill wise statements** Preparing the bill wise statement for the sundry debtors. (for the purpose sales dealing with the same debtors)
9	**Payroll Accounting** Prepare payroll statement for employees (BP,DA,HRA,PF,etc.,)
10	**Bank Reconciliation Statement (BRS)** Prepare BRS with 10 transactions
11	**Ratio Analysis** Prepare different ratios to analyze the financial position of the company
	Total Hours 75 Hours

Tools for Assessment (25 Marks)

Creative Thinking	Lab Performance	Report	Test 1	Test 2	Observation Note	Total
4	4	4	5	5	3	25

Mapping

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

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 to 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	To remember the basic concept of measures of Central tendency.
CO2	To understand about the measures of dispersion
CO3	To understand the concepts of correlation and regression
CO4	To evaluate Consumer price Index Number for the given data
CO5	To compare more than two experimental samples using analysis of variance

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

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	Model	Seminar	Assignment & Class Participation	Periodical Quizzes	Total
8	8	10	8	8	8	50

Mapping

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

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

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 *Activity : Case Study related to Human Rights*	
	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 *Activity : Conduct a Group Discussion on the above topics*	
	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 *Activity : Seminar/ Role play related to Indian Constitution*	
	Instructional Hours	**6**
	Total Hours	**30**

Text Book:
1."Human Rights and Constitution of India", Complied 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

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

Course Designed by	Verified by	Checked by	Approved by

Course Code	Title	
21U4HVY201	**Human Values and Yoga Practice I**	
Semester: I & II	**Credits: 2**	**CIA: 50 Marks**

Course Outcomes:

CO1	To inculcate a sense of respect towards harnessing values of life and spiritof fulfilling social responsibilities.
CO2	To inspire individuals to choose their own personal, social, moral and spiritual values and be aware of practical methods for developing and deepening.
CO3	To understand and apply the knowledge of Cultural Education
CO4	To understand the importance of Meditation and to practice Meditation
CO5	To perform simple Physical Exercise.

Course Content   **Instructional Hours / Week: 1 (For Semester 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 - Methodsfor Concentration. Meditation Practices - Surya Namaskar.	
	Instructional Hours	**6**
V	Simplified Physical Exercise – Kayakalpa Practices - Training for Potentialising the Mind.	
	Instructional Hours	**6**
	Total Hours	**30**

Textbook:

1. **"Value Education",** compiled by Centre for Human Excellence, Nehru Arts and Science College.

Assessment Criteria:

25 marks	25 marks
Comprehensive test 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

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

Course designed by	Verified by	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. T.S.Reddy & A.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	CIA II	CIA III	Assignment	Worksheet	Class Participation	Total
8	8	10	8	8	8	50

Mapping

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title
21U3CIC307	**Core Paper-VII Introduction to Python Programming**
Semester : III	**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:

CO1	Understand the knowledge of Python program
CO2	Examining the Decision controls
CO3	Apply the functions and modules
CO4	Describe the concept of stings
CO5	Experimenting the files operations and exception handling

Offered by: Commerce

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

Unit	Description	Text Book	Chapter
I	**BASICS OF PYTHON PROGRAMMING:** Features of Python – History of Python – Literal constants – Variable and Identifiers – Data types – Input operation – Comments – Reserved Words – Indentation –	1	3
	Operators and Expressions – Expression in Python – Operations on Strings – Other Data Types – Type Conversion	1	3
	Instructional Hours		**18**
II	**DECISION CONTROL STATEMENTS:** Introduction to Decision Control Statements – Selection / Conditional Branching – Basic Loop Structure / Iterative Statements –	1	4
	Nested Loops – The break Statement – The Continue Statement – The Pass Statement – The else Statement used with Loops	1	4
	Instructional Hours		**18**
III	**FUNCTIONS AND MODULES:** Introduction – Function Definition – Function Call – Variable Scope and Lifetime – The return Statement – More on Defining Functions – Lambda Function Or Anonymous function – Documentation Strings	1	5
	Good Programming Practices – Recursive Functions – Modules – Packages In Python – Standard Library Modules – Globals( ) , Locals ( ) , and Reload( ) – Function Redefinition	1	5
	Instructional Hours		**18**
	PYTHON STRINGS REVISITED: Introduction – Concatenating, Appending, and Multiplying Strings – Strings are Immutable – String Formatting Operator – Built-in String Methods and Functions –	1	6

IV	Slice Operation – ord () and chr () Functions – in and not in operators – Comparing Strings – Iterating String – The String Module – Regular Expressions – Meta characters in Regular Expression	1	6
	FILE HANDLING: Introduction – File Path – Types of files – Opening and Closing Files – Reading and Writing Files – File Positions – Renaming and Deleting Files.	1	7
V	**ERROR AND EXCEPTION HANDLING:** Introduction to Errors and Exceptions – Handling Exceptions – Multiple Except Blocks – Multiple Exceptions in a Single Block – Except Block Without Exception – The else Clause – Raising Exceptions – Instantiating Exceptions – Handling Exceptions in Invoked Functions – Built- in and User-defined Exceptions – The finally Block – Pre-defined Clean-up Action- Re-raising Exception- Assertions in Python	2	12
	Instructional Hours		16
VI	**Contemporary Issues**		
	Expert talk – Seminar		
	Instructional Hours		2
	Total Hours		90

Text Book(s):

1. Reema Thareja, "Python Programming Using Problem Solving Approaches", Oxford University Press,2017.

Reference Book(s):

1. Allen Downey, Jeffrey Elkner, Chris Meyers, "Learning with Python", Dreamtech Press, First Edition, 2015.
2. Jeeva Jose & P.Sojan Lal, "Introduction to Computing & Problem Solving with Python" Khanna Book Publishing Co. (P) Ltd, 2016.

Tools for Assessment (50 Marks)

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

Mapping

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title		
21U3CIP308	**Core Paper – VIII Python Programming Practical**		
Semester: III	**Credits: 4**	**CIA : 50 Marks**	**ESE : 50 Marks**

Course Objective:

The course provides an application using the object-oriented concepts.

Course Outcomes:

CO1	Design basic Python Applications
CO2	Implement the control structure and loops.
CO3	Use functions for structuring Python programs.
CO4	Apply Python lists, tuples, and dictionaries.
CO5	Managing files in Python

Offered by: Commerce

Course Content   **Instructional Hours / Week: 4**

S. No.	List of Programs (10 Programs) Computer Lab
1.	First n prime numbers
2.	Programs that take command line arguments (word count)
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.	Compute the GCD of two numbers
8.	Stacks with python lists
9	Simulate bouncing ball using Python
10	Find the maximum of a list of numbers
	Total Hours : 60

Tools for Assessment (50 Marks)

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

Mapping

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

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 -Divisions of Managerial Economics	1	1
	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.	1	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		
	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

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title		
21U4CIS301	**Skill Based Paper – 1** **Relational Database Management System**		
Semester : III	**Credits: 3**	**CIA : 30 Marks**	**ESE : 45 Marks**

Course Objective:

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

Course Outcomes:

CO1	Understand the concept of Database and Database Design
CO2	Apply the commands and design the table
CO3	Use SQL query structure and modify the table
CO4	Describe about function, grouping and PL/SQL
CO5	Define the concept of PL/SQL Control structure and cursor.

Offered by: Commerce

Course Content   **Instructional Hours / Week: 4**

Unit	Description	Text Book	Chapter
I	Database Concepts: A Relational approach: Database – Relationships – DBMS – Relational Data Model –Integrity Rules –Theoretical Relational Languages.	1	1
	Database Design: Data Modeling and Normalization: Data Modeling – Dependency – Database Design –Normal forms – Dependency Diagrams – Normalization and types.	1	2
	Instructional Hours		**12**
II	Oracle: Overview: Personal Databases –Client/Server Databases - an introduction –SQL *Plus Environment –SQL *Plus Commands-SQL *Plus Worksheet.	1	3
	Oracle Tables: DDL: Naming Rules and conventions – Data Types– Constraints – Creating Oracle Table – Displaying Table Information – Altering an Existing Table–Dropping, Renaming, Truncating Table –Table Types.	1	4
	Instructional Hours		**12**
III	Working with Table: Data Management and Retrieval: DML –adding a new Row/Record – Customized Prompts Updating and Deleting an Existing Rows/Records – Retrieving Data from Table – Arithmetic Operations – Restricting Data with WHERE clause – Sorting – Revisiting Substitution Variables – DEFINE command – CASE structure.	1	5

	Instructional Hours		**12**
IV	Functions and Grouping: Built-in functions – Grouping Data. Multiple Tables: Joins and Set operations: Join – Set operations.	1	6
	PL/SQL: A Programming Language: History – Fundamentals –Block Structure – Comments –Data Types – Other Data Types –Declaration.	1	7
	Instructional Hours		**12**
V	PL/SQL Control Structures: Control Structures –Nested Blocks – SQL in PL/SQL – Data Manipulation. PL/SQL Cursors: Cursors – Implicit & Explicit Cursors.	1	8
	Instructional Hours		**12**
	Total Hours		**60**

Text Book:

1. Andrew S. Tanenbaum, "**Modern Operating Systems**", Prentice Hall of India Pvt. Ltd, 2003.

Reference Book(s):

1. Harvey M. Deitel, "**Operating Systems**", Second Edition, Pearson Education Pvt. Ltd, 2002.

2. Abraham Silberschatz, Peter Baer Galvin and Greg Gagne, **"Operating System Concepts"**, 6th Edition, John Wiley & Sons (ASIA) Pvt. Ltd, 2003.

Tools for Assessment (30 Marks)

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

Mapping

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

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, கணேசஐயர் 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		
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 பிரசுரம், 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**

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
	Instructional Hours	**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
	Instructional Hours	**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
	Instructional Hours	**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), Agmark, 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.

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

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

H-High; M-Medium; L-Low

Course Designed by	Verified by	Checked by	Approved by

Course Code	Title	
21U4NM3GTS	**Gandhian Thoughts**	
Semester: III	**Credits : 2**	**ESE: 50 Marks**

Course Objective:

To make them understand the philosophies of Gandhi better 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 gandhiji thought
CO2	Understand the applicability of Gandhian methods in the contemporary economic and social demines.
CO3	Analyze in 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	1

	God - The Importance of Truth in Human Life - Absolute and Relative Truth - Realisation of the Self - Liberation.	
	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

	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	
21U4NM3WRT	**Women's Rights**	
Semester: III	**Credits: 2**	**ESE : 50 Marks**

Course Objective:

      To facilitate the awareness on the social, economic, political, intellectual or cultural contributions of one or more women

Course Outcomes:

CO1	To be aware of basic constitutional rights
CO2	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 Indecedent 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 Orient Blackswan 2008
2. International Solidarity Network **Knowing Our Rights** An imprint of Kali for Women 2006
3. P. D. Kaushik **"Women Rights"** Bookwell 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, Jeffrey L. Edleson, Raquel Kennedy Bergen, Source Book on **Violence Against Women** Sage Publications 2001.

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

Course Designed by	**Verified by HoD**	**Checked by**	**Approved by**

Course Code	Title
21U4HVY402	**Human Excellence: Human Values and Yoga Practice II**
Semester: III & IV	**Credits: 2**	

Course Outcomes (CO):

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 learn and practice to eradicate worries and Neutralise anger.
CO4	To learn and practice the standing Yoga Posture.
CO5	To learn and practice Supine Posture.

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-**Trustand Respect- Codes of Conduct – Citizens Charter -Emotional Intelligence.	
	Instructional Hours	**6**
II	Character Formation Towards Positive Personality: Truthfulness, Constructivity,Sacrifice,Sincerity,SelfControl,Altruism,Tolerance,Scientific sion.	
	Instructional Hours	**6**
III	Eradication of worries - Maintaining youthfulness - Greatnessoffriendship–Refinementofworries-Neutralizationofanger-Intelligentquotient(IQ),Emotionalquotient(EQ),SpiritualQuotient (SQ)	
	Instructional Hours	**6**
IV	Standing Posture: Tadasana, Padahastasana, Virabhadrasana; Sitting posture: Ustrasana, Ardha Matsyendrasana, Paschimottanasana.	
	InstructionalHours	**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. **"ValueEducation II ",**compiledbyCentreforHumanExcellence,NehruArtsandScienceCollege.

Assessment Criteria:

25 marks	25 marks
Comprehensive test 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

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

Course Designed by	Verified by	Checked by	Approved by

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

(Common for 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 labor costs
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,Edition2014
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., NewDelhi.Edition.2016
2. T.S. Reddy & Y. Hari Prasad Reddy, **Cost Accountig**, 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

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	H	M	M	H	M	H	M	M	H	M	H	M
CO2	H	H	H	H	H	M	H	M	M	H	M	H	M
CO3	H	H	H	H	M	M	H	M	M	H	H	M	H
CO4	H	H	H	H	H	M	H	M	M	M	H	M	M
CO5	M	M	M	M	H	L	H	L	L	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 for B.Com /B.Com CA/B.Com IT/ 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

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title		
21U3CIC411	**Core Paper - XI Java Programming**		
Semester: IV	**Credits: 4**	**CIA : 50 Marks**	**ESE: 50 Marks**

Course Objective:

　　　　To enable the students to get the knowledge about the operators, applets, threads and syntaxes used in Java.

Course Outcomes:

CO1	To define the OOPS concepts
CO2	To explain the concept of flow control and Classes
CO3	To describe the concept of Arrays and Packages.
CO4	Demonstrate Exception handling and Multithreading programming.
CO5	To apply the concept of file streams and JAVA applet.

Offered by: Commerce

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

Unit	Description	Text Book	Chapter
I	Basic Concepts of Object-Oriented Programming – Benefits and Application of OOP	1	1
	Introduction to Java: Features of Java –Simple Java Program – Java Program Structure – Implementing a Java Program – JVM, Constants – Variables – Data types, Operators.	1	3,4
	Instructional Hours		**15**
II	Flow Control : Branching and Looping , Decision Making	2	6
	Classes, Objects and Methods–Defining a Class –Adding Variables and Methods –Creating Objects – Accessing Class Members - Constructors – Method Overloading – Inheritance – Overriding of Methods – Final Variables, Methods and Class –Abstract Methods and Class – Visibility Control	1	8
	Instructional Hours		**15**
III	Arrays – Strings and Vectors : One Dimensional Arrays – Creating an Array – Two-Dimensional Arrays – String arrays – String methods – String Buffer class– Vectors , Interfaces : Defining Interfaces –Extending Interfaces – Implementing Interface - Accessing Interface Variables	1	9,10
	Packages : Java API Packages – Using System Packages – Creating, Accessing and Using a Package –Adding a Class to a Package	1	11
	Instructional Hours		**15**
IV	Exception Handling : Exception Types - try and catch – Multiple catch statements –Nested try Statements –throw – finally–Throwing our own exception	2	10
	Multithreaded Programming : Creating Threads – Extending the Thread	1	12
	Class – Stopping and Blocking a Thread – Life Cycle of a Thread – Using Thread Methods – Thread Priority		

	Instructional Hours		**15**
V	File Streams : Stream Classes, Input / Output stream class, Chararcter stream classes – Creation of Files - Reading/Writing Characters, Bytes – Simple File Example	1	16
	Applets : Preparing to Write Applets – Building Applet Code – Applet Life Cycle – Creating Executable Applet – Applet Tag – Adding Applet to HTML File – Running the Applet	1	14
	Instructional Hours		**13**
VI	**Contemporary Issues**		
	Expert talk - Seminar		
	Instructional Hours		**2**
	Total Hours		**75**

Text Book(s):

1. E.Balagurusamy, Programming with Java - A Primer, Tata McGraw – Hill Publishing Company Limited, New Delhi, 2006.
2. Patrick Naughton, The Java Handbook, Tata McGraw – Hill Publishing Company Limited, New Delhi, 2006.

Reference Book(s):

1. Herbert Schildt, Java the Complete Reference, Eighth Edition, McGraw Hill Professional, 2011.
2. ISRD Group, Introduction to Object–Oriented Programming through Java, Tata McGraw–Hill Publishing Company 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

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title		
21U3CIP412	**Core Paper – XII Java Programming Practical**		
Semester : IV	**Credits : 4**	**CIA : 50 Marks**	**ESE : 50 Marks**

Course Objective:

      To enable the students to gain the knowledge of the structure and model of the Java programming language.

Course Outcomes:

CO1	To define Java programs that solves business problems.
CO2	To summarize the knowledge on validating user input.
CO3	To experiment a test plan to validate a Java program.
CO4	To illustrate a document on a java program.
CO5	To design an application and execute in java interface.

Offered by: Commerce

Course Content   **Instructional Hours / Week: 4**

Unit	List of Programs
1	Write a program to check whether a given number is Prime or not.
2	Write a program to check whether the given year is leap year or not.
3	Write a program to find the Sum of the series x+x2/2! +X3/3! +…+xn/n!
4	Write a program to find and replace a word with a string.
5	Write a program to prepare the mark list using Inheritance.
6	Create a simple calculator applet that implements the 4 basic mathematical Function
7	Write a JAVA program to calculate the payroll of employees.
8	Write a JAVA program to create Student mark statement.
9	Create a program to perform Banking Transactions.
10	Write a Program to calculate different stock level (Minimum Stock Level, Maximum Stock Level and EOQ).
	Total Hours **60**

Tools for Assessment (50 Marks)

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

Mapping

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title		
21U3ACA404	**Allied – 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:

CO1	To know the procedure for formation 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 virus	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, Appointment and qualification of directors. Latest Amendments as per companies Act 2015 – Paid up Capital, Business Certificate, Seal of the Company.	1	8

		Instructional Hours	**12**
V	Kinds of Company meetings – Board of Directors Meeting – Statutory meeting – Annual General meeting – Extra ordinary General meeting - Virtual 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. Bagrial 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

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title		
22U4CIS402	**Skill Based Paper – II INTERNET OF THINGS**		
Semester : IV	**Credits : 3**	**CIA : 30 Marks**	**ESE : 45 Marks**

Course Objective:

To learn the evolution, principles, communications of Internet and discover the devices used in IoT.

Course Outcomes:

CO1	Able to understand the basic concepts of IoT
CO2	Able to realize the revolution of Internet the application areas of IOT
CO3	Able to know network and protocol design
CO4	Able to understand the application areas of IOT
CO5	Able to realize the revolution of Internet in Mobile Devices, Cloud & Sensor Networks

Offered by: Commerce

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

Unit	Description	Text Book	Chapter
I	INTRODUCTION & CONCEPTS: Introduction - Physical design of IoT - Logical design of IoT - IoT Enabling Technologies - IoT Levels & Development Templates.	1	1
	Instructional Hours		**15**
II	DOMAIN SPECIFIC IOTS: Introduction-Home Automation - Cities - Environment-Energy - Retail - Logistics - Agriculture – Industry - Health and Lifestyle.	1	2
	Instructional Hours		**15**
III	IOT AND M2M: Introduction – M2M - Difference between IoT and M2M - SDN and NFV for IoT - IoT System Management with NETCONF-YANG - Need for IoT systems Management - Simple Network Management Protocol(SNMP) - Network Operator Requirements - NETCONF-YANG - IoTs Systems Management with NETCONF - YANK.	1	3
	Instructional Hours		**15**

IV	DEVELOPING INTERNET OF THINGS: IoT Platforms Design Methodology: Introduction - IoT Design Methodology - IoT physical Devices & Endpoints: What is an IoT device - Exemplary Device: Raspberry Pi-About the Board - Linux on Raspberry Pi-Raspberry Pi Interfaces.	1	5,7
	Instructional Hours		**15**
V	IOT PHYSICAL SERVERS & CLOUD OFFERINGS: Introduction to Cloud Storage Models & Communication APIs – WAMP - AutoBahn for IoT - Xively Cloud for IoT - Python Web Application Framework – Django – Designing a RESTful Web API – Amazon Web Services for IoT – SkyNet IoT Messaging Platform.	2	8
	Instructional Hours		**15**
	Total Hours		**75**

Text Book(s):

1. Arshdeep Bahga . Vijay Madisetti, "INTERNET of THINGS", Universities Press (India) Private Limited, 2015.

   UNIT I – Chapter 1, **UNIT II –** Chapter 2, **UNIT III –** Chapter 3, **UNIT IV –** Chapter 5,7

   UNIT V – Chapter 8.

Reference Book(s):

1. Adrian McEwen & Hakim Cassimally , "Designing the Internet of Things" , John Wiley & Sons, Ltd., 2014.

Tools for Assessment (25Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Attendance	Total
5	5	6	3	3	3	25

Mapping

CO \ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	H	M	M
CO2	H	M	M	M	H
CO3	H	M	L	M	M
CO4	H	M	M	M	M
CO5	H	M	M	M	H

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

Course Designed by	Verified by
Dr. M. PRAKASH	

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

<div align="center">(Common to all UG Programmes)</div>

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. ஔவையார் ஆத்திச்சூடி மணிவாசகர் பதிப்பகம்,கோயம்புத்தூர் இராஜவீதி– 01.

2. திருக்குறள் - பரிமேலழகர் உரை,மணிவாசகர் பதிப்பகம்,சென்னை -600018.

3. முல்லாவின் வேடிக்கைக் கதைகள் - முல்லை பி.எல்.முத்தைய்யா 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

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	H	-	H	M	H	H	L	-	-	M	H
CO2	-	-	H	-	H	H	M	H	-	-	-	-	-
CO3	-	-	M	-	M	H	M	H	-	-	H	-	-
CO4	-	-	M	-	L	M	H	M	M	-	-	M	-
CO5	-	-	H	-	H	M	H	H	-	M	-	-	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	
I	பதினென் கீழ்க்கணக்கு நூல் - திருக்குறள்	
	1. வாய்மை	
	2. கூடாநட்பு	
	3. செய்ந்நன்றியறிதல்	
	Instructional Hours	**10**
II	சிறுகதை	
	வெ.இறையன்பு – பூனாத்தி சிறுகதைகள்	
	1. விடுகதை	
	2. நண்பர்கள்	
	Instructional Hours	**5**
III	எழுத்துப் பிழை நீக்க வழிகள்	
	1. சொற்களைச் சரியாகப் பயன்படுத்தும் முறை	
	2. வினைச் சொற்கள், பெயர்ச்சொற்கள்	
	Instructional Hours	**5**
IV	வழக்கறிதல்	
	1. மரபு வழக்கு	
	2. இயல்பு வழக்கு	
	3. தகுதி வழக்கு அறிதல்	
	Instructional Hours	**5**
V	படைப்பாற்றல் பயிற்சி	
	கவிதை–சிறுகதை–நூல் மதிப்பீடு எழுதுதல்	
	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. 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 பூலியூர்க்கேசிகன் உரை, சாரதா பதிப்பகம், சென்னை -040

5. வெ.இறையன்பு–பூனாத்தி, கவிதா பதிப்பகம், சென்னை.

Mapping

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

H-High; M-Medium; L-Low

Course Designed by	Verified by	Checked by	Approved by

Course Code	Title	
21U4NM4GEN	**General Awareness**	
Semester: IV	**Credits : 2**	**ESE : 50 Marks**

Course Objective:

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

Course Outcomes:

CO1	Analysis the Verbal and Numerical Aptitude and Logical Reasoning
CO2	Understood the General Science and Technology and Education
CO3	Gain Knowledge in Computer aids and Social Studies
CO4	Develop Aptitude and problem-solving skills
CO5	Gain Knowledge in 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

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

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title
21U4HVY402	**Human Excellence: Human values and Yoga Practice II**
Semester: III & IV	**Credits: 2** **CIA: 50 Marks**

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 learn and practice to eradicate worries and Neutralise anger.
CO4	To learn and practice the standing Yoga Posture.
CO5	To learn and practice Supine Posture.

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-**TrustandRespect-CodesofConduct-CitizensCharter-EmotionalIntelligence.	
	Instructional Hours	**6**
II	Character Formation Towards Positive Personality: Truthfulness, Constructivity,Sacrifice,Sincerity,SelfControl,Altruism,Tolerance,Scientific sion.	
	Instructional Hours	**6**
III	Eradication of worries - Maintaining youthfulness - Greatnessoffriendship–Refinementofworries-Neutralizationofanger-Intelligentquotient(IQ),Emotionalquotient(EQ),SpiritualQuotient (SQ)	
	Instructional Hours	**6**
IV	Standing Posture: Tadasana, Padahastasana, 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.	
	InstructionalHours	**6**
	Total Hours	**30**

Textbook:

1. **"Value Education II ",** compiled by Centre for Human Excellence, Nehru Arts and Science College.

Assessment Criteria:

25 marks	25 marks
Comprehensive test 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

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

Course Designed by	Verified by	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) / 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. Tools and Techniques of Management Accounting	1	1(1)
	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, Labor Turnover and Activity Ratios. Construction of Balance Sheet	2	3
	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. Chennai2013.

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

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title		
21U3CIC514	**Core Paper-XIV VB.NET Programming**		
Semester: V	Credits: 4	CIA : 50 Marks	ESE : 50 Marks

Course Objective:

To enhance the student to understand the concepts of Visual Basic.NET to build Windows applications.

Course Outcomes:

CO1	Understand knowledge of basic programming concepts.
CO2	Describe the basic structure of a Visual Basic.NET
CO3	Understand the various menus and types of errors in project.
CO4	Understand basic concepts and File handling process
CO5	Summarize the concept of ADO.NET

Offered by: Commerce

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

Unit	Description	Text Book	Chapter
I	Getting started in Visual Basic to .NET:- Welcome to Visual Basic.NET - .NET Framework. Welcome to IDE: What is IDE – Using the Auto Hide facility – using the Properties Window – setting the properties of Forms and Controls – using the Solution Explorer – writing an Event Procedure – the Standard Toolbar. Setting properties using the Properties Window: Classification of Properties. Visual Basic.NET Programming Language-I: Variables and Data types.	1	1,2
	Instructional Hours		18
II	**Visual Basic.NET Programming Language-I:** Text box control – Radio button control – Programming Statements: IF...THEN AND IF...THEN…ENDIF – IF…THEN…ELSE…ENDIF. **Visual Basic.NET Programming Language-II:** The MsgBox ( ) function – The InputBox ( ) function – List box control – Programming Statement: Select Case. **Visual Basic.NET Programming Language-III:** Check box	1	3,4

	control – Iteration Statements – Do While Loop – Do Loop While – Do until Loop – Do Loop until – For Next – Arrays.		
	Instructional Hours		18
III	Menus and Dialog Boxes: Basic elements of menus – Generic procedure of creating menus –creating a simple menu application. Structured programming: - What is structured programming? – Events, Subroutines & Functions – scope of variables – scope of procedures – Elementary and composite data types	1	5,6
	Instructional Hours		18
IV	Object-oriented programming: What is OOP? – Implementing OOPS – Inheritance overriding – Collections. Working with files: Introduction to files – classification of files – Handling files and folders using functions – File processing using streams. Advanced Techniques in Visual Basic.NET: Singe document interface and multiple document interface	2	3
	Instructional Hours		18
V	Data Access with ADO.NET: What are databases? – Connections, Data Adapters and Datasets – Accessing Data with the Server Explorer – Accessing Data with Data Adaptors and Datasets – Working with ADO.Net – Overview of ADO.Net Objects.	2	5
	Instructional Hours		16
VI	**Contemporary Issues**		
	Expert talk – Seminar		
	Instructional Hours		2
	Total Hours		**90**

Text Book(s):

    1. Shirish Chavan, **"Visual Basic.NET",** Pearson Education, Fourth Edition, 2010.

    2. Steven Holzner, **"Visual Basic.NET Black Book"**, Wiley dreamtech press, 2012.

Reference Book(s):

1. Jeffrey R.Sharpiro, **"The Complete Reference VISUAL BASIC.NET"**, Tata

McGraw Hill, Sixteenth Reprint, 2010.

  2. Jeffrey Kent, **"Visual Basic.Net – A beginner's guide"**, Tata McGraw Hill, First Edition, 2012.

  3. John Smiley, **"Visual Basic.Net"**, Tata McGraw Hill, First Edition, 2002.

Tools for Assessment (50 Marks)

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

Mapping

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title		
21U3CIP515	**Core Paper – XV VB.NET Practical**		
Semester: V	**Credits: 4**	**CIA : 50 Marks**	**ESE: 50 Marks**

Course Objective:

   To enable the students to gain the knowledge of the structure and model of the VB.NET programming.

Course Outcomes:

CO1	To define VB.NET programs that solves numeric problems
CO2	To summarize the knowledge on menu items in VB.NET forms
CO3	To experiment the MS Access with VB.NET programs
CO4	To illustrate directories and editor functions VB.NET programs
CO5	To design a application and execute the database connection with VB.NET programs

Offered by: Commerce

   Course Content   **Instructional Hours / Week: 4**

Unit	Description
1	Write a program to convert the given decimal number into binary, octal and hexadecimal.
2	Write a program to develop a calculator with basic operations
3	Write a program to create menus in a form using menu editor
4	Write a program to add the items to list box and move the selected item from the list box to the combo box.
5	Design a form using common dialog control to display the save and open dialog box
6	Write a program to maintain student mark list using MS Access
7	Write a program for a various font application.
8	Write a program for obtaining root directory and current directory
9	Write a program to use a tool bar to set editor properties.
10	Write a program to create an employee detail (with database connectivity)
	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

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title		
21U3ACC516	Core Paper – XVI Direct Tax		
Semester: V	Credits: 4	CIA: 50 Marks	ESE: 50 Marks

(Common for 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 Outcomes:

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	Model	Assignment	Worksheet	Class Participation	Total
8	8	10	8	8	8	50

Mapping

	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	H
CO2	H	M	L	M	H	M	H	L	M	H	M	H	H
CO3	H	M	M	H	L	H	H	M	H	H	H	H	H
CO4	H	M	L	M	M	H	H	H	H	H	H	H	M
CO5	H	M	L	M	H	M	L	H	M	H	M	H	H

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title
21U3CIE501	**Elective Paper – I (A) Banking Theory Law and Practice**
Semester: V	**Credits: 4** **CIA: 50 Marks** **ESE: 50 Marks**

Course Objective:

The students will gain the knowledge in the field of Banking and understand the recent developments in banking sector.

Course Outcomes:

CO1	Knowledge on origin of banking sector
CO2	Capacity to operate bank accounts
CO3	Understand the process of cheques
CO4	Equip themselves in the formalities of Loans and Advances
CO5	Analyze the Banking Services

Offered by: Commerce

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

Unit	Description	Text Book	Chapter
I	Definition of banker and customer – Relationships banker and customer – special features of RBI, Banking Regulation Act 1949	1	4
	RBI Credit Control Measure – Secrecy of customer Account.	1	3
	Instructional Hours		**15**
II	Bank Pass book – Collecting Banker – banker lien.	1	3
	Opening of account – special types of customer – types of deposit	1	3
	Instructional Hours		**15**
III	Negotiable Instruments - Cheque – features –essentials of valid Cheque – Crossing of Cheques –Endorsement – payment of Cheques – statutory protection duties as paying banker and collecting banker – Dishonor of Cheques	1	6
	Refusal of payment of Cheques- Duties of holder & holder in due course	1	3
	Instructional Hours		**15**
IV	Loan and advances by commercial bank lending policies of commercial bank - Forms of securities.	1	3
	Lien – pledge - hypothecation and advance against the documents of title to goods – mortgage.	1	3

			Instructional Hours	15
	Position of surety – Letter of credit – Bills and supply bill.			3
		1		
V	Purchase and discounting of bill, Travelers Cheque, credit card, Teller system and Digital Banking concepts.	1		4
			Instructional Hours	15
			Total Hours	*75*

NOTE: *Distribution of Marks: Theory 100 %*

Text Book(s):
1.   Gordon & Natarajan, Banking Theory and Practice, Himalaya Publishing House Pvt. Ltd., 2019.

Reference Book(s):
1.   Shekhar & Shekhar, Banking Theory Law & Practice, Vikas Publishing House Pvt.Ltd., 2000.
2.   Dr. P.K Srivastava, Banking Theory & Practice, Himalaya Publishing House Pvt.Ltd., 2008.
3.   Sundharam and Varshney, Banking theory Law & Practice, Sultan Chand & Sons., New Delhi. 2014.

Tools for Assessment (50 Marks)

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

Mapping

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

   H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title		
21U3ACE502	**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 Outcome:

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**

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

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title
21U3ACE503	**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, Prevention of Online Scam, 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		**15**

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 Affair**s, 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. ebook, 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

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

High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title		
21U4CIS503	**Skill Based Paper – III Mobile Computing**		
Semester : V	**Credits : 3**	**CIA : 30 Marks**	**ESE : 45 Marks**

Course Objective:

To enable the students to learn about the basics for various techniques in mobile communications and mobile content services.

Course Outcomes:

CO1	To define the basics of wireless voice and data communications technologies.
CO2	To summarize the working knowledge on various telephone and satellite
CO3	To interpret procedures for satellite and broadcast systems
CO4	To analyze the working principles of wireless LAN and its standards
CO5	To develop creative android applications

Offered by : Commerce

Course Content **Instructional Hours/ Week : 4**

Unit	Description	Text book	Chapter
I	Introduction – applications, a short history of wireless communication, a market for mobile communications, some open research topics, a simplified reference model – wireless transmission–frequencies for radio transmission.	1	1,2,3
	Instructional Hours		**15**
II	Medium access control – motivation for a specialized MAC, SDMA, FDMA, TDMA, CDMA, comparison of S/T/F/CDMA	1	7
	Telecommunication systems – GSM, DECT, TETRA.	1	**9**
	Instructional Hours		**15**
III	Satellite systems – history, applications, basics, routing, localization, handover	1	11
	Broadcast systems – overview, cyclical repetition of data, digital audio broadcasting, and digital video broadcasting.	1	12
	Instructional Hours		**15**
IV	Wireless LAN–infra red vs radio transmission, infrastructure and ad- hoc network, IEEE802.11, Bluetooth.	1	13,14

	Instructional Hours		**15**
V	Android – Introduction to android OS – configuration of android - create the first android application.	2	1,2
	Instructional Hours		**15**
	Total Hours		**75**

Text Book(s):

1. Jochen Schiller,"**Mobile Communications**", Second Edition, Pearson, 2013.
2. Prasanna Kumar Dixit, **"Android"**, Vikas Publications, First Edition, 2014.

Reference Book(s):

1. Asoke K.Talukder, Hasan Ahmed and Roopa R. Yavagal, "**Mobile Computing**", Second Edition, Mcgraw Hill, New Delhi, 2013
2. RezaB'far, "**Mobile Computing Principles**", Cambridge UnivPress, 2013
3. G.K.Behera and Lopamudra Das, "**Mobile Communication**", Scitech,2009

Tools for Assessment (30 Marks)

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

Mapping

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

H- High; M- Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title		
21U3ACC617	**Core Paper – XVII Principles of Auditing**		
Semester: VI	**Credits: 4**	**CIA: 50 Marks**	**ESE: 50 Marks**

(Common for B.Com IT/Banking)

Course Objective:

To familiarize the students with the Principles of Auditing and to create an interest in the minds of students towards Auditing Profession:

Course Outcomes:

CO1	Explain the fundamental concept of Auditing
CO2	Take part in Vouching various transactions
CO3	Ability to do Verification and Valuation of Assets and Liabilities
CO4	Outline the Auditor's Duties and Liabilities
CO5	Knowledge on Investigation and Electronic Auditing

Offered by: Commerce

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

Unit	Description	Text Book	Chapter
I	Auditing– Origin – Definition – Objectives – Types – Advantages and Limitations	1	1
	Qualities of an Auditor	1	4
	Instructional Hours		**18**
II	Internal Control – Elements of Internal Control - Internal Check and Internal Audit Audit note book – Working papers	1	14
	Vouching – Voucher – Vouching of Cash Book	1	16
	Vouching of Trading Transactions	1	17
	Vouching of Impersonal Ledger	1	18
	Instructional Hours		**18**
III	Verification and Valuation of Assets and Liabilities – Auditor's position regarding the valuation and verifications of Assets and Liabilities	1	19
	Depreciation – Reserves -Provisions – Secret Reserves	1	20,21
	Instructional Hours		**18**
IV	Audit of Joint Stock Companies – Qualification – Dis-qualifications – Various modes of Appointment of Company Auditor – Rights and Duties – Liabilities of a Company Auditor	1	22

	Share Capital and Share Transfer Audit – Audit Report – Contents and Types	1	24
	Instructional Hours		**18**
V	Investigation – Objectives of Investigation – Audit of Computerized Accounts – Electronic Auditing – Investigation under the provisions of Companies Act	1	34
	Instructional Hours		**18**
	Total Hours		**90**

Text Book(s):

1. B. N. Tandon, S. Sudharsanam, S. Sundarabahu, **Practical Auditing**, S. Chand & Company Ltd,2013.

Reference Book:

1. Kamal Gupta & Ashok Arora, **Fundamentals of Auditing**, Tata Mchraw- Hill Publications, New Delhi,2004.
2. Ravinder Kumar &Virender Sharma, **Auditing: Principles and Practice**, PHIPublishers, 2015.
3. DingarPagar, **Auditing**, S.Chand& Co., New Delhi, 2015.

Tools for Assessment (50 Marks)

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

Mapping

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

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 the 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.	2	7	

		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**
VI	**Contemporary issues**	
	Expert Talk - Seminar	**2**
	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	Poster Making	Total
8	8	10	8	8	8	50

Mapping

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

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:

CO1	To define the knowledge in command 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 concepts
CO5	To recognize the web tool usage

Offered by: Commerce

Course Content   **Instructional Hours / Week: 4**

S. No.	List of Programs
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

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	H	H	M	M	M	H	H	H	H	H	M
CO2	M	M	H	H	L	L	M	H	H	H	H	H	H
CO3	M	M	H	H	M	M	M	H	H	H	H	M	H
CO4	M	M	H	H	M	M	L	H	H	H	H	H	M
CO5	M	L	M	M	M	L	M	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		
21U3CIE604	**Elective II – (A) Networking Management**		
Semester: VI	**Credits: 4**	**CIA : 50 Marks**	**ESE: 50 Marks**

Course Objective:

To enable the students to have knowledge on combining the fundamental concepts of data communications.

Course Outcomes:

CO1	To define data communications concepts.
CO2	To interpret networking concepts.
CO3	To construct network topologies.
CO4	To analyze cables and telecommunication systems
CO5	To understand the physical and virtual networking communications.

Offered by: Commerce

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

Unit	Description	Text Book	Chapter
I	Data Communication Concepts and Applications: Introduction to Data Communications, Components of Data Communications	1	2
	Trends in Computer Communications and Networking, Os Layers-Network Standard and Network Model	1	3
	Instructional Hours		**15**
II	Fundamentals of Data Communications and Networking: Physical Layer: Architectures, Devices and Circuits.	1	5
	Digital Transmission of Digital Type- Data Link Layer: Media Access Control, Error Control in Networks.	1	6
	Instructional Hours		**15**
III	Networking: Network Layer: Network Protocols, Network Addressing and Routing.	2	1
	Local Area Network (LAN):LAN Components,-Ethernet,IEEE802.3 -Token Ring , Selecting a LAN, Improving LAN Performance	2	2
	Instructional Hours		**15**
IV	Back Bone Networks: Backbone Network Components, Fast Ethernet, FDDI. Metropolitan Area Network (MAN)	2	4
	Wide Area Network (WAN)Bluetooth-Wireless Local Area Network-IEEE802.11.a, IEEE802.11.b.	2	5

	Instructional Hours		**15**
V	Network Management: Design of Business Networks, Configuration Management-	2	6
	Cost Management, and Network, Security	2	7
	Instructional Hours		**15**
	Total Hours		**75**

Text Book(s):

1. Tanenbaum, A. S, Computer Networks,Pearson Education, 2011.

2. James F.Kurose and Keith W.Ross, Computer Networks A Top Down Approach, Pearson Education, 2003.

Reference Book(s):

1.   Jerry, FitzGerald and Alan, Dennis, Business Data Communications & Networking, John Wiley & Sons, 2010.

2. David A Stamper, Business Data Communications, Addison Wesley, 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

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title
21U3ACE605	**Elective Paper 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
	Instructional Hours	15
	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

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title
21U3CIE606	**Elective Paper – II (C) Cloud Computing**

Semester: VI	**Credits: 4**	**CIA : 50 Marks**	**ESE : 50 Marks**

Course Objective:

      To provide in-depth knowledge of Cloud Computing concepts, technologies, architecture and applications fundamental issues, technologies, applications and implementations.

Course Outcomes:

CO1	Understand the basic concept of Cloud and Distributed Computing.
CO2	Define the virtualization and cloud computing architecture
CO3	Describe about the thread programming and task programming
CO4	Explain the Data Intensive computing and cloud platforms
CO5	Classify the Cloud applications and Business application

Offered by: Commerce

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

Unit	Description	Text Book	Chapter
I	Cloud Computing at a Glance - Historical Developments - Building Cloud Computing Environments - Computing Platforms and Technologies Parallel vs. Distributed Computing - Elements of Parallel Computing - Elements of Distributed Computing - Technologies for Distributed Computing.	1	1,2
	Instructional Hours		**15**
II	**Virtualization:** Characteristics - Virtualization Techniques - Virtualization and Cloud Computing - Pros and Cons of Virtualization. **Cloud Computing Architecture:** Cloud Reference Model - Types of Clouds - Economics of Clouds, Open challenges.	1	4,5
	Instructional Hours		**15**
III	**Concurrent Computing-Thread Programming:** Programming applications with Threads - Multithreading with Aneka - Programming applications with Aneka threads. **High Throughput Computing-Task Programming:** Task Computing - Task-based Application Models - Aneka Task-Based Programming..	1	7,8
	Instructional Hours		**15**
IV	**Data Intensive Computing –Map-Reduce Programming:** Introduction - Technologies for data-intensive computing – Aneka Map Reduce Programming.	1	9,10

	Cloud Platforms in Industry: Amazon Web Services - Google AppEngine- Microsoft Azure			
	Instructional Hours			**15**
V	**Cloud Applications: Scientific Applications:** Healthcare – Biology - Geo-science. **Business Applications:** CRM and ERP – Productivity - Social Networking. Media Applications - Multiplayer Online Gaming. **Advanced Topics in Cloud Computing:** Energy Efficiency in Clouds - Market Based Management of Clouds - Federated Clouds / InterCloud - Third Party Cloud Services	1	12,13	
	Instructional Hours			**15**
	Total Hours			**75**

Text Book(s):

1. RajKumar Buyya, Christian Vecchiloa, S. Thamarai Selvi, "**Mastering Cloud Computing Foundations and Applications Programming**", TMH Publications, New Delhi, 2013.

Reference Book(s):

1. Prasant Kumar Pattnaik, Manas Ranjan Kabat, Souvik Pal, **"Fundamentals of Cloud Computing"**, 5th edition, 2014
2. Velte Anthony and Velte T.J Elsenpeter, **"Cloud Computing a Practical Approach",** 1st Edition, 2010.
3. Michael Miller, **"Cloud Computing***"***, 8th Edition, 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

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	H	M	H	H	M	H	H	M	H	H	M
CO2	L	M	H	M	H	H	L	H	H	H	H	H	L
CO3	M	L	H	M	M	H	M	H	H	H	M	H	M
CO4	M	M	H	M	H	H	M	M	H	H	H	H	M
CO5	M	M	M	M	H	M	M	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		
21U3ACE607	**Elective Paper III (A) Investment Management**		
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)

Course Objective:

To enhance the students acquire knowledge about the theory and practice of Security Analysis and Investment Decision Making Process.

Course Outcome:

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 NIM, 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. Prassnna Chandra, Investment Analysis & Portfolio Management,Tata McGraw Hill Publishing Company, New Delhi, 3rd Edition,2008.
2. William.F. Sharpe, Gorden 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

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title		
21U3CIE608	Elective Paper– III (B) Software Project Management		
Semester: VI	Credits: 4	CIA : 50 Marks	ESE : 50 Marks

Course Objective:

To enable the students, gain the software project management concepts, techniques and issues related to implementation

Course Outcomes (CO)

CO1	Describe the basic concept of software project.
CO2	Explain the project management and project evaluation.
CO3	Discuss the Software estimation and Risk management.
CO4	Summarize the concept of Resource allocation, Monitoring and Control.
CO5	Classify the managing contracts and software quality.

Offered by: Commerce

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

Unit	Description	Text Book	Chapter
I	Introduction to software project management: Introduction – why is software project management important? – What is a project? – Software project versus other types of project – Activities covered by software project management	1	1
	Instructional Hours		**15**
II	Project Management and Project Evaluation: Introduction – Evaluation of individual projects – Technical Assessment – Cost-benefit analysis – Cash-flow forecasting – Cost-benefit evaluation techniques. Selection of an appropriate project approach: Introduction – choosing technologies – Technical plan content list – Choice of process models – waterfall model – V-Process model – Spiral model-software prototyping – Incremental delivery.	2	3
	Instructional Hours		**15**
III	Software Effort Estimation: Introduction – Problems with over and under estimates – the basis for software estimation – Software effort estimation techniques –	2	4

	Expert judgment – COCOMO: a parametric model. Risk management: Introduction – Categories ofrisk – Evaluating risks to the schedule.		
	Instructional Hours		**15**
IV	Resource Allocation: Introduction - The nature of resources – Identifying resource requirements – Scheduling resources – Creating critical paths – counting the cost. Monitoring and control: Introduction – Creating the Framework – Collecting the data – visualizing progress.	1	15
	Instructional Hours		**15**
V	Managing Contracts: Introduction – Types of contract – Stages in contract placement – contract management – Acceptance. Managing people and organizing teams: Introduction – understanding behavior – Selecting the right person for the job – Instruction in the best methods – Motivation – Becoming a team – Decision making – Leadership – Organizational structures – Software projects in educational institutions. Software quality – some problems with student projects – PRINCE 2- Project Closure, Role and performance of Closure analysis.	1	15
	Instructional Hours		**15**
	Total Hours		**75**

Text Book(s):
1. Bob Hughes and Mike CotterellB,**Software Project Management,** Tata Mc Graw Hill Publishing Company Ltd, 2011
2. Walker Royce**Software Project Management** Pearson Education, 2013
3. Futrell,**Quality Software Project Management** Pearson education India, 2002

Reference Book(s):

1. Pankaj Jalote,**Software Project Management in Practise** Pearson education India, 2002
2. Wysocki Robert K.Wiley,**Effective Software Project Management,** Dreamtech India p Ltd, 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

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

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by

Course Code	Title
21U3ACV609	**Elective Paper – III (C) Project Work and Viva – Voce**

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)

Instructional Hours : 75

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:
   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	20 Marks
Total	**50 Marks**

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**

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

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

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 60% Problems**

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 Publishing Co., Ltd New Delhi. 2014.
4. S.K.Maheswari, T.S.Reddy, **Advanced Accountancy**, Vikas publishers, 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: 1	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 theinvestment 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. Punidhavadhi 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: 1	ESE: 50 Marks

Common for B.Com/B.Com CA/B.Com PA/B.Com IT

Course Objective:

To enhance the students, get theinvestment 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

Chairman
BoS - Commerce