

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 2020- 2021

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

Program Educational Objectives (PEOs)

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

PEO1	Able to pursue higher education in their core areas of Commerce / Management / Social Science / professional course like CA, CMA or CS
PEO2	Develop professional skills in all functions areas of Commerce and Management
PEO3	Exhibit team spirits; skills and values to learn and adapt to change throughout their professional career
PEO4	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 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.

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 skilful in decision making at personal and professional level.

OBE Components (2020 – 2021)

Theory: Tools for Assessment (25 Marks)

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

Practical: Tools for Assessment (40 Marks) / (20 Marks)

CIA I	CIA II	Creativity	Presentation	Observation Note Book	Attendance	Total
4	4	3	3	3	3	20
8	8	6	6	6	6	40

Theory

Components	Marks	Spilt up	
CIA I	5		
CIA II (Online Test)	5		
CIA III	6		
Assignment	3	Presentation Concepts Practical Examples	2 Marks 2 Marks 2 Marks
Seminar	3	Concepts Flow of Communication Body language	2 Marks 2 Marks 2 Marks
Attendance	3	< 65 65.1 to 75 % 75.1 to 85 % 85.1 to 100 %	0 Mark 1 Mark 2 Marks 3 Marks
	25		

Practical

Components	Marks	Marks	Tool	Spilt up	
CIA I	4	8			
CIA II	4	8			
Creativity	3	6	Models	Logic Inputs	1.5 / 3 Marks 1.5 / 3 Marks
Presentation	3	6	Reports	Presentation Contents	1.5 / 3 Marks 1.5 / 3 Marks
Observation Note	3	6			
Attendance	3	6			
	20	40			



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Scheme of Examination B.Com with Information Technology

(Applicable to the students admitted during the Academic Year 2020-2021 onwards)

Semester	Part	Course Code	Name of the Course	Instruction hours / week	Duration of Examination	Examination Marks			Credits
						CIA	ESE	Total	
I	I	18U1TAM101/ 18U1HIN101/ 18U1MAL101/ 18U1FRN101	Language I	5	3	25	75	100	4
	II	20U2ENG101	English I	5	3	25	75	100	4
	III	18U3ACC101	Core Paper- I Principles of Accountancy	4	3	25	75	100	4
	III	18U3CIC102	Core Paper- II Information Technology	4	3	25	75	100	4
	III	18U3CIP103	Core Paper - III Computer Application Practical -I (Office Automation)	4	3	20	30	50	2
	III	18U3MAA101	Allied Paper - I Mathematics for Business	5	3	25	75	100	4
	IV	18U4ENV101	Ability Enhancement Compulsory Course - Environmental Studies	2	3	-	50	50	2
	IV	18U4HVV201	Value Education - Human Values and Yoga Practice I	1	-	-	-	-	-
				30				600	24
II	I	18U1TAM202/ 18U1HIN202/ 18U1MAL202/ 18U1FRN202	Language II	5	3	25	75	100	4
	II	20U2ENG202	English II	5	3	25	75	100	4
	III	19U3ACC204	Core Paper - IV Financial Accounting	6	3	25	75	100	4
	III	18U3CIP205	Core Paper - V Computer Application Practical - II (Computerized Accounting)	5	3	20	30	50	2
	III	18U3MAA202	Allied Paper - II Business statistics	6	3	25	75	100	4
	IV	18U4HRC202	Ability Enhancement Compulsory Course - Human Rights and Constitution of India	2	3	-	50	50	2
	IV	18U4HVV201	Value Education - Human Values and Yoga Practice I	1	2	25	25	50	2
				30				550	22

Semester	Part	Course Code	Name of the Course	Instruction hours / week	Duration of Examination	Examination Marks			Credits
						CIA	ESE	Total	
III	III	20U3ACC306	Core Paper – VI Corporate Accounting	6	3	25	75	100	4
	III	20U3CIC307	Core Paper – VII Programming with C++	6	3	25	75	100	4
	III	19U3CIP308	Core Paper – VIII C++ Practical	4	3	40	60	100	4
	III	18U3ACA303	Allied Paper – III Managerial Economics	5	3	25	75	100	4
	IV	20U4CIZ301	Skill Based Paper – I Finance Modeling Through Spreadsheet	4	3	30	45	75	3
	IV	19U4NM3BT1/ 19U4NM3AT1/ 19U4NM3CAF/ 19U4NM3GTS/ 19U4NM3WRT	#@ Basic Tamil - I / ## Advanced Tamil - I / *NME: Consumer Affairs/ Gandhian Thoughts/ Women's Rights	2	3	50		50	2
	IV	18U4AC3ED1	Extra Departmental Course	2	3	-	50	50	2
	IV	18U4AC3ED2							
IV	18U4HVY402	Value Education – Human Values and Yoga Practice II	1	-	-	-	-	-	
IV	19U4CIVALC	**Skill enhanced Add on Course- Institute Industry Linkage	-	-	-	-	-	-	
				30				575	23
IV	III	20U3ACC409	Core Paper – IX Cost Accounting	5	3	25	75	100	4
	III	20U3ACC410	Core Paper – X Digital Marketing	4	3	25	75	100	4
	III	19U3ACC411	Core Paper – XI Java Programming	5	3	25	75	100	4
	III	19U3CIP412	Core Paper – XII Java programming Practical	4	3	40	60	100	4
	III	19U3ACA404	Allied Paper – IV Company Law and Secretarial Practice	4	3	25	75	100	4
	IV	20U4ACS402	Skill Based Paper – II Quantitative Aptitude for Skill Enhancement	5	3	20	55	75	3
	IV	19U4NM4BT2/ 19U4NM4AT2/ 19U4NM4GEN	#@ Basic Tamil - II /## Advanced Tamil - II / General Awareness	2	3	50		50	2
	IV	18U4HVY402	Value Education – Human Values and Yoga Practice II	1	2	25	25	50	2
IV	19U4CIVALC	**Skill Enhancement Add on Course- Institute Industry Linkage	-	-	-	-	-	GRA DE	
				30				675	27

Semester	Part	Course Code	Name of the Course	Instruction hours / week	Duration of Examination	Examination Marks			Credits
						CIA	ESE	Total	
V	III	20U3ACC513	Core Paper – XIII Management Accounting	5	3	25	75	100	4
	III	20U3ACC514	Core Paper – XIV Direct Tax	6	3	25	75	100	4
	III	20U3CIC515	Core Paper – XV VB .NET Programming	6	3	25	75	100	4
	III	20U3CIP516	Core Paper – XVI VB.NET Practical	4	3	40	60	100	4
	III	20U3ACE501 19U3ACE502 18U3ACE503	Discipline Specific Elective Paper –I	5	3	25	75	100	4
	IV	19U4ACS503	Skill Based Paper – III Multimedia	4	3	20	55	75	3
				30				575	23
VI	III	20U3CIC617	Core Paper – XVII Mobile Computing	6	3	25	75	100	4
	III	20U3ACC618	Core Paper – XVIII Internet and Web Designing	6	3	25	75	100	4
	III	20U3CIP619	Core Paper – XIX Web Designing Practical	4	3	40	60	100	4
	III	20U3ACE604 20U3ACE605 20U3CIE606	Discipline Specific Elective Paper – II	5	3	25	75	100	4
	III	18U3ACE607 19U3ACE608 19U3ACV609*	Discipline Specific Elective Paper – III	5	3	25/ 40*	75/ 60*	100	4
	IV	18U4ACS604	Skill Based Paper– IV Cyber Security and Law	4	3	20	55	75	3
V	19U5EXT601	Extension Activities	-	-	50	-	50	2	
				30				625	25
								3600	144
Additional Credit (Optional)			Semester II-VI						8^s

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

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

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

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

\$ Not included in CGPA Calculation

** Examinations and Evaluations 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	20U3ACE501	Banking Theory Law and Practice
	19U3ACE502	Networking Management
	18U3ACE503	Consumer Affairs
Elective II	20U3ACE604	Indirect Taxes
	20U3ACE605	Entrepreneurial Development
	20U3CIE606	Cloud Computing
Elective III	18U3ACE607	Investment Management
	19U3ACE608	Software Project Management
	19U3ACV609	Project Work & 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	18U4AC3ED1	Fundamentals of Accounting
2		18U4AC3ED2	Modern Banking

Self Study Paper Offered by the Department

S. No.	Semester	Course Code	Name of the Course
1	Semester II to V	18UACSS01	Self Study Paper –I Capital Market Operations
2		18UACSS02	Self Study Paper – II Personal Investment Management


Chairman

Board of Studies
Department of Commerce
Nehru Arts and Science College

Chairman
BoS - Commerce

18U1TAM101	Part I : Tamil - I		
Semester: I	Credit: 4	CIA: 25 Marks	ESE: 75 Marks

(Common to all UG Programmes)

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

Course Outcome : தமிழ் இலக்கியங்கள் வாயிலாக சமூகச் சீர்திருத்தச் சிந்தனைகள் பெறப்படும்

Offered by : தமிழ்த்துறை

Course Content

Instructional Hours / Week: 5

Unit	Description	Text Book	Chapter
	அற இலக்கியம் - திருக்குறள்		
I	1. அறன்வலியறுத்தல் (31 - 40 குறள்)		
	2. நடுவு நிலைமை (111 - 120 குறள்)		
	3. ஈகை (221 - 230 குறள்)		
	4. புகழ் (231 - 240 குறள்)		
	5. வாய்மை (291 - 300 குறள்)		
Instructional Hours			15
	புதுக்கவிதைகள்		
II	1. பாரதியார்- நிலவு, வானம் , காற்று		
	2. பாரதிதாசன் - வான்		
	3. ஆரூர் தமிழ்நாடன்- கரிக்கிறது தாய்ப்பால்		
	4. காகிதப்பூக்கள் - நா. காமராசன்		
	5. மரங்கள் - மு. மேத்தா		
	6. சுவாசம் - சல்மா		
Instructional Hours			15
	பெண்ணியம்		
III	1. பூச்சி வாழ்க்கை - ஆண்டாள் பிரியதர்சனி (சயம் பேசும் கிளி)		
	2. தொட்டிச்செடி - கவிஞர் இளம்பிறை		
	3. அம்மா - சுகிர்தராணி		
	4. நீரில் அலையும் முகம் - அ.வெண்ணிலா		
Instructional Hours			15
IV	சிறுகதைகள்		
	புதுமைப்பித்தன் சிறுகதைகள் (மூன்றாம் பாகம்)		
Instructional Hours			15
	இலக்கண - இலக்கிய வரலாறு		
V	1. மாணக்கர்களுக்குரிய இலக்கணம் (நன்னூல் மூன்று நூற்பா)		
	2. பதினெண்கீழ்க்கணக்கு நூல்கள் - அறிமுகம்		
	3. புதுக்கவிதையின் தோற்றமும் வளர்ச்சியும்		
	4. சிறுகதையின் தோற்றமும் வளர்ச்சியும்		
Instructional Hours			15
Total Hours			75

பார்வை நூல்கள்

1. பாரதியார் - பாரதியார் கவிதைத் தொகுப்பு, அபிராமி பதிப்பகம், 7-பி, கொடிமரத் தெரு, சென்னை - 600013.

2. பாரதிதாசன் - அழகின் சிரிப்பு, அபிராமி பதிப்பகம், 7-பி, கொடிமரத் தெரு, சென்னை- 600013.
3. அப்துல் ரகுமான் - அப்துல் ரகுமான் கவிதைகள், விஜயா பதிப்பகம், கோவை - 641001.
4. மு. மேத்தா - கண்ணீர்ப்பூக்கள், குமரன் புத்தக நிலையம், மதுரை.
5. திருவள்ளுவர் - திருக்குறள் பரிமேலழகர் உரை, சாரதா பதிப்பகம், ஜி - 4, சாந்தி அடுக்ககம், 2/3, ஸ்ரீ கிருஷ்ணாபுரம் தெரு, இராயப்பேட்டை, சென்னை - 600014.
6. ஆண்டாள் பிரியதர்சனி - சுயம் பேசும் கிளி கவிதைத்தொகுப்பு, ராகவேந்திரா வெளியீடு 163/2 பொன்விழா அச்சகம், பாடிக்குட்ட சாலை, அண்ணாநகர், சென்னை.
7. கவிஞர் இளம்பிறை - தொட்டிச்செடி, பொன்னி வெளியீடு, சென்னை - 91.
8. சுகிர்தராணி - தீண்டப்படாத முத்தம், காலச்சுவடு பதிப்பகம், நாகர்கோவில்.
9. அ.வெண்ணிலா - நீரில் அலையும் முகம் முதல் கவிதைத் தொகுப்பு - 2000
10. முனைவர் ச.சுபாஷ் சந்திரபோஸ் - புதுமைப்பித்தன் சிறுகதைகள் (மூன்றாம் பாகம்) பாவை பப்ளிகேஷன்ஸ், சென்னை - 600014.
11. மு.வ. - தமிழ் இலக்கிய வரலாறு சாகித்திய அகாதெமி, புதுதில்லி - 110001.
12. தமிழண்ணல் - புதிய நோக்கில் தமிழ் இலக்கிய வரலாறு, மீனாட்சி புத்தக நிலையம், மதுரை - 625001.
13. சல்மா - ஒரு மாலையும் இன்னொரு மாலையும், காலச்சுவடு பதிப்பகம், நாகர்கோவில்.
14. பவணந்தி - தென்னிந்திய சைவசித்தாந்த நூற்பதிப்புக் கழகம், திருநெல்வேலி.

Tools for Assessment (25 Marks)

CIAI	CIA II	Model	Assignment	Seminar	Attendance	Total
5	5	6	3	3	3	25

18U1HIN101	Part I : Hindi – I		
Semester: I	Credit: 4	CIA: 25 Marks	ESE: 75 Marks

(Common to all UG Programmes)

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

कोर्स परिणाम :

1. सामाजिक, सांस्कृतिक और राजनैतिक परिवेश से छात्र. साहित्य के माध्यम से बोधवान होंगे।
2. व्याकरण के शिक्षण के माध्यम से छात्रों में शुद्ध भाषा में बोलने की क्षमता को विकसित होगी।
3. अंतर्राष्ट्रीय भाषा अंग्रेज़ी से राष्ट्रभाषा हिंदी में सामग्री का अनुवाद करके छात्र हिंदी की ज्ञान संपदा बढ़ाने में कामयाब होंगे।
4. विविध अनुशासनों में अनुवादों को सुचारु बनाने के लिए पारिभाषिक शब्दावली का ज्ञान होगा। के द्वारा दिया गया अध्ययन विषयवस्तु : हिंदी

निर्देशात्मक घंटे / सप्ताह : 05

इकाई	विवरण	निर्देशात्मक घंटे	
I	लडाई-सर्वेश्वरदयाल सकसेना		
		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. दूसरा दिन (कंचलता सब्बरलाल)		
		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

पाठ्यपुस्तकरू

1. **लडाई** : सर्वेश्वरदयाल सकसेना
2. एकांकी संग्रह
3. अनुवाद अभ्यास-3, 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 (25 Marks)

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

18U1MAL101	Part I : Malayalam – I		
Semester: I	Credit: 4	CIA: 25 Marks	ESE: 75 Marks

(Common to all UG Programmes)

Course Objective : ആധുനിക കാലഘട്ടങ്ങളിലെ കഥകളെയും കഥകാരൻമാരെയും കുറിച്ചുള്ള അവബോധം

Course Outcome :

CO1	ചെറുകഥകളും കഥകാരൻമാരെയും കുറിച്ച് അറിവ് ലഭിക്കുന്നു.
CO2	ഭാഷയുടെ ഉപയോഗക്രമങ്ങളെക്കുറിച്ചുള്ള അറിവ്

Offered by : Malayalam

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

Unit	Description	Instructional Hours
I	ചെറുകഥകൾ - കഥാമാലിക	16
II	ചെറുകഥകൾ - കഥാമാലിക	16
III	ചെറുകഥകൾ - കഥാമാലിക	16
IV	പ്രായോഗിക മലയാളം	16
V	ആശയവിപുലനം, പൊതുവായ വിഷയത്തെക്കുറിച്ച് ഉപന്യാസവും വിവർത്തനവും. (ഏകദേശം 100 വാക്കുകൾ)	11
Total Hours		75

പാഠപുസ്തകങ്ങൾ

- 1 ചെറുകഥകൾ - കഥാമാലിക (10 ചെറുകഥകൾ)
2. പന്മന രാമചന്ദ്രൻനായർ - നല്ല ഭാഷ - വാസുദേവ ഭട്ടതിരി - നല്ല മലയാളം

സൂചനാഗ്രന്ഥങ്ങൾ

1. എം. അച്യുതൻ - ചെറുകഥ - ഇനലെ, ഇന്ത് (ഡി.സി. ബുക്സ്, കോട്ടയം)
2. കെ.എം. ജോർജ്ജ് - സാഹിത്യചരിത്രം പ്രസ്ഥാനങ്ങളിലൂടെ (ഡി.സി. ബുക്സ്, കോട്ടയം)
3. സുകുമാർ അഴീക്കോട് - മലയാള സാഹിത്യ വിമർശനം (ഡി.സി. ബുക്സ്, കോട്ടയം)
4. എരുമേലി പരമേശ്വരൻ പിള്ള - മലയാളസാഹിത്യം കാലഘട്ടങ്ങളിലൂടെ (ഡി.സി. ബുക്സ്, കോട്ടയം)

Tools for Assessment (25 Marks)

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

20U1FRN101	Language I : French I		
Semester: I	Credit: 4	CIA: 25 Marks	ESE: 75 Marks

(Common to all UG Programmes except B. Sc. Catering Science and Hotel Management)

Course Objective : To make the students know and understand the value of French language and help them to follow the culture and tradition.

Offered by : French

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

Unit	Description	Instructional Hours
I	Bonjour !	
	Instructional Hours	12
II	Rencontres	
	Instructional Hours	13
III	100 % questions	
	Instructional Hours	25
IV	Enquête	
	Instructional Hours	12
V	Invitations	
	Instructional Hours	13
Total Hours		75

Text Book:

1. CONNEXIONS 1 Methode de Français Niveau 1 – Régine Mérieux Yves Loiseau

Tools for Assessment (25 Marks)

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

20U2ENG101	PART II : ENGLISH I		
Semester: I	Credit: 4	CIA: 25 Marks	ESE: 75 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 Outcome:

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
CO4	Execute and exercise LSRW skills in academic and career
CO5	Evaluate the language skills through literature

Offered by: English

Course Content

Instructional Hours / Week: 5

Unit	Description	Text Book	Chapter
I	Prose Leigh Hunt – Getting Upon Cold Morning Rajagopalachari – Tree Speaks Swami Vivekananda – The Secret of Work	1	1-3
Instructional Hours			15
II	Poetry DG 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 Group Discussion Forum, speak about	1	14-17

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.	
Instructional Hours	15
Total Hours	75

Books for study:

Unit I – V : Will be compiled by the PG & Research Department of English

Books for Reference:

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

Tools for Assessment (25 Marks)

CIAI	CIA II	Model	Assignment	Seminar	Attendance	Total
5	5	6	3	3	3	25

18U3ACC101	Core Paper – I Principles of Accountancy		
Semester: I	Credits: 4	CIA: 25 Marks	ESE: 75 Marks

(Common for B.Com, B.Com CA, B.Com PA, B.Com e-Com, 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	Record financial information
CO3	Prepare final accounts and rectify the errors
CO4	Analyze the bank reconciliation statement
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 – Trial balance	1	3
Instructional Hours			12
II	Final Accounts of a sole trader with adjustments	1	5
	Errors and rectification	1	4
Instructional Hours			12
III	Accounting for Consignment	2	12
	Accounting for Joint venture	2	13
Instructional Hours			12
IV	Bank Reconciliation Statement	1	26
	Receipts and Payment, Income and Expenditure Account and Balance sheet	2	31
	Accounts of Professionals		
Instructional Hours			12
V	Accounting for Depreciation – need and significance of depreciation - Methods of providing depreciation	1	11
	Reserves and Provisions	1	10
Instructional Hours			12
		Total Hours	60

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

Text Book(s):

1. T.S.Reddy, A.Murthy, **Financial Accounting**, Margham Publications, 2015.
2. K.L.Nagarajan, N.Vinayakam, P.L.Mani, **Principles of Accountancy**, S Chand Publications, 2013.
3. 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 (25 Marks)

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
18U3CIC102	Core Paper – II Information Technology		
Semester : I	Credits : 4	CIA : 25 Marks	ESE : 75 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 IT 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			14
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	IT Applications: Database Processing: Data Vs. Information – Database Management Systems: Meaning –	2	5,11
Components – Uses – Limitations – Types. Enterprise Resource Planning – Enterprise System - Data Warehousing			

	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		10	
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 (25 Marks)

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
18U3CIP103	Core Paper- III Computer Application Practical – I (Office Automation)		
Semester : I	Credits : 2	CIA : 20 Marks	ESE : 30 Marks

Course Objective:

Provide practical knowledge on Open Office.

Course Outcomes:

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

Offered by: Commerce

Course Content

Instructional Hours / Week: 4

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

Software essential: LibreOffice

Tools for Assessment (20 Marks)

CIA I	CIA II	Creativity	Execution of Program	Observation Note	Attendance	Total
4	4	3	3	3	3	20

Mapping

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
18U3MAA101	Allied Paper I : Mathematics for Business		
Semester : I	Credits : 4	CIA : 25 Marks	ESE : 75 Marks

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

Course Outcomes :

CO1	To understand the concepts of Set Theory, AP & GP and Finance Mathematics.
CO2	To understand the basic concepts of matrices and its applications.
CO3	To understand the applications of Differentiation in business problems.
CO4	To understand the concepts of Integration.
CO5	To apply the concepts of LPP in Management Decision Making.

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 Book(s):

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 Book(s):

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 (25 Marks)

CIA I	CIA II	CIA III	Assignments	Problem Solving Skill	Attendance	Total
5	5	6	3	3	3	25

Mapping

CO \ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	L	L	L	L	L
CO 2	M	M	L	L	L
CO 3	M	L	M	L	M
CO 4	M	M	M	M	M
CO 5	M	M	M	M	H

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title	
18U4ENV101	Ability Enhancement Compulsory course (AECC) Environmental Studies	
Semester: I	Credits: 2	ESE : 50 Marks

(Common to all UG Programmes)

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

Course Outcome:

CO 1	To understand key concepts from economic, political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions.
CO 2	To understand concepts and methods from ecological and physical sciences and their application in environmental problem solving.
CO 3	To solve the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.
CO 4	To reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.
CO5	To apply systems concepts and methodologies to analyze 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 and Energy resources.	1	5
Instructional Hours			6
II	Ecosystems: Concept of an ecosystem, Structure and function; Introduction, types characteristic features, structure and function of ecosystem 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	8,9,11, 10,12,15
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 analyze a Social Issue and an Environment issue in your locality.	1 2	17 9
	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	3	16
	Instructional Hours		6
for e-networking and dissemination of ideas on environmental issues. (Or) Visit to a Nearby biome / Wildlife Sanctuary/ our own campus & study the various bioresources.			2
Total hours			30

Text Book(s):

1. Agarwal, K.M., Sikdar, P.K., Deb, S.C. (2002). A Textbook of Environment. Macmillan India Ltd. Kolkata, India.
2. Dash, M.C. (2004). "Ecology, Chemistry & Management of Environmental Pollution". Published By Rajiv Beri For Macmillan India Ltd. 2/10 Ansari Road, Daryaganj, New Delhi – 110002.
3. 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.

Course designed by	Verified by	Checked by	Approved by

Course Code	Title		
18U1TAM202	PART – I TAMIL -II		
Semester: II	Credits: 4	CIA : 25 Marks	ESE : 75 Marks

(Common to all UG Programmes)

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

Course Outcome : பக்தி இலக்கியங்கள் வழி வாழ்வியல் நெறிகள் பெறப்படும்.

Offered by : தமிழ்த்துறை

Course Content

Instructional Hours / Week: 5

Unit	Description	
I	பக்தி இலக்கியங்கள்	
	1.திருவாசகம் - பிடித்த பத்து பாடல்கள் 1-10 2.நாலாயிர திவ்விய பிரபந்தம் பெரியாழ்வார் (கண்ணன் 2.திரு அவதாரச் சிறப்பு (13 - 22) பாடல்கள்) 3.நாலாயிர திவ்விய பிரபந்தம் தொண்டரடிப் பொடியாழ்வார் திருப்பள்ளியெழுச்சி (1-5 பாடல்கள்) 4.திருவருட்பா- இராமலிங்க அடிகளார் நான்காவது திருமுறை அருள் பிரகாசமாலை 1-10 பாடல்கள்	
	Instructional Hours	15
II	சிறுநிலக்கியங்கள்	
	1.கலம்பகம் - நந்திக் கலம்பகம் (91 - 100 பாடல்கள்) 2.பள்ளு - முக்கூடற்பள்ளு (350 - 360) 3.குறவஞ்சி - திருக்குற்றாலக்குறவஞ்சி (1-10) 4.சதகம் - வைராக்கிய சதகம் (1-10) 5.பட்டினத்தார் பாடல்கள் (358-367)	
	Instructional Hours	15
III	நாவல்	
	கல்மரம் - திலகவதி	
	Instructional Hours	15
IV	இலக்கணம்	
	1.வல்லினம் மிகும் இடங்கள் 2.வல்லினம் மிகா இடங்கள் 3.தொகை நிலைத் தொடர் 4.தொகா நிலைத் தொடர்	
	Instructional Hours	15
V	இலக்கிய வரலாறு பாடத்திட்டத்தைத் தழுவியது.	
	1.சைவமும் தமிழும் 2.வைணவமும் தமிழும் 3.சிறுநிலக்கியத்தின் தோற்றமும் வளர்ச்சியும் 4.புதினத்தின் தோற்றமும் வளர்ச்சியும் 5.விண்ணப்பங்கள், மடல்கள் எழுதச் செய்தல்	

Instructional Hours	15
Total Hours	75

பார்வை நூல்கள்:

1. மாணிக்கவாசகர் அருளிய திருவாசகம் - சித்தாந்த பண்டிதர் திரு.ப.இராமநாத பிள்ளை விளக்க உரையுள் கழகக வெளியீடு. திருநெல்வேலி, தென்னிந்திய சைவ சித்தாந்த நூற்பதிப்புக்கழகம் லிமிடெட், 522 டி.டி.கே. சாலை, சென்னை- 600018.
2. புலவர் த.திருவேங்கட இராமானுஜதாசன் - நாலாயிர திவ்வியப் பிரபந்தம் முதல் ஆயிரம் மூலமும் உரையும், உமா பதிப்பகம், 171, புதிய எண்.18 பவளக் காரத் தெரு,மண்ணடி, சென்னை - 600001.
3. தாயுமான திருவருட் பிரகாச வள்ளலார் - திருஅருவட்பா நான்காவது திருமுறை, சகுந்தலை நிலையம், 171, புதிய எண்.18 பவளக் காரத் தெரு, மண்ணடி, சென்னை - 600001.
4. ஆசிரியர் பெயர்தெரியவில்லை - நந்திக் கலம்பகம் - மணிவாசகர் பதிப்பகம், ராஜ வீதி, கோயமுத்தூர் - 641001.
5. முனைவர் கதிர்முருகு - முக்கூடற் பள்ளு மூலமும் உரையும், சாரதா பதிப்பகம், சென்னை.
6. புலியூர்க்கேசிகள் தெளிவுரை - திருக்குற்றாலக் குறவஞ்சி, செல்லப்பா பதிப்பகம், சென்னை.
7. சாந்தலிங்க சாமிகள் - சாந்தலிங்க அடிகளார் திருமடம் வெளியீடு, பேரூர், கோவை-10.
8. அ.மாணிக்கம் உரையாசிரியர் - பட்டினத்தார் பாடல்கள் மூலமும் உரையும், வர்த்தமானன் பதிப்பகம், 40, சரோஜினி தெரு, தியாகராய நகர், சென்னை - 17.
9. திலகவதி - கல்மரம், அம்ருதா பதிப்பகம் எண் 5, 5 வது தெரு, எஸ்.எஸ் அவென்பூ, சக்தி நகர், போரூர், சென்னை - 600116.
10. தமிழண்ணல் - புதிய நோக்கில் தமிழ் இலக்கிய வரலாறு, மீனாட்சி புத்தக நிலையம், மதுரை - 625001.
11. நல்ல தமிழ் எழுத வேண்டுமா? - அ.கி.பரந்தாமனார். அல்லி நிலையம், சென்னை - 600007.
12. முனைவர் பாக்கியமேரி - தமிழ் இலக்கிய வரலாறு -NCBH வெளியீடு, கோவை-600098.
13. மு.வ. - தமிழ் இலக்கிய வரலாறு சாகித்திய அகாதெமி, புதுதில்லி - 110001.

Tools for Assessment (25 Marks)

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

विषय क्रमांक	शीर्षक		
18U1HIN202	भाग-I हिंदी		
सत्र : II	क्रेडिट : 4	CIA:25 Marks	ESE:75 Marks

(Common to all UG Programmes)

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

- कोर्स परिणाम:**
- छात्रों में साहित्यिक अभिरुचि के साथ सामाजिक बोध बढ़ेगा। पत्राचार के क्षेत्र में वे स्वावलम्बी हो सकेंगे।
 - भारतीय भाषा के ज्ञान को विदेश तक पहुँचाने के क्षेत्र में क्षमता हासिल करेंगे।
 - राष्ट्रभाषा हिंदी से अंतर्राष्ट्रीय भाषा अंग्रेजी में सामग्री का अनुवाद करके छात्र हिंदी की ज्ञान संपदा बढ़ाने में कामयाब होंगे।
 - रोजमरा जीवन में हिंदी को बोल पाने में कामयाब होंगे।

के द्वारा दिया गया अध्ययन विषयवस्तु : हिंदी

निर्देशात्मक घंटे / सप्ताह : 05

इकाई	विवरण	निर्देशात्मक घंटे
I	आधुनिक काव्य : रश्मिथी, रामधारीसिंह दिनकर	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. सलाम (ओमप्रकाश वाल्मीकि)	20
III	पत्र लेखन : (सरकारी पत्र, निजी पत्र, संपादक को पत्र, ज्ञापन, परिपत्र)	10
IV	अनुवाद : हिंदी से अंग्रेजी	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

आकलन के लिए उपयुक्त अंक (25 अंक)

सीआईए. I	सीआईए. II	सीआईए. III	असाईनमेंट	संगोष्ठी	उपस्थिति	कुल
5	5	6	3	3	3	25

Course Code	Title		
18U1MAL202	PART-I MALAYALAM –II		
Semester-II	Credit-4	CIA:25 Marks	ESE:75 Marks

(Common to all UG Programmes)

Course Objective: വിദ്യാർത്ഥികളിൽ വായനാശീലം വർദ്ധിപ്പിക്കുക

Course Outcome:

CO 1	മലയാള ഭാഷയുടെ ഉൽപത്തിയേയും വികാസത്തേയും കുറിച്ചുള്ള അറിവ്
CO 2	മലയാള സാഹിത്യത്തിൽ നോവലുകൾക്കുള്ള സ്ഥാനം

Offered by : Malayalam

Course Content

Instructional Hours / Week : 5

Unit	Description	Instructional Hours
I	നോവൽ - ആടൂജീവിതം	15
II	നോവൽ - ആടൂജീവിതം	15
III	നോവൽ - ആടൂജീവിതം	15
IV	പ്രായോഗിക മലയാളം ഭാഗം 2	15
V	പ്രായോഗിക മലയാളം ഭാഗം 2	15
Total Hours		75

പാഠപുസ്തകങ്ങൾ

1. ബെന്യാമിൻ ആടൂജീവിതം (ഗ്രീൻ ബുക്സ്, കോട്ടയം)
2. കേരളപാണിനീയം - ഏ.ആർ. രാജരാജവർമ്മ (ഡി.സി. ബുക്സ്, കോട്ടയം)

സൂചനാഗ്രന്ഥങ്ങൾ

1. പ്രൊ. എൻ. കുഷ്ണപിള്ള കൈരളിയുടെ കഥ (ഡി.സി. ബുക്സ്, കോട്ടയം)
2. ഡോ. പത്മന രാമചന്ദ്രൻനായർ സമ്പൂർണ്ണ മലയാള സാഹിത്യചരിത്രം (ഡി.സി. ബുക്സ്, കോട്ടയം)
3. ഡോ. കെ.എം. ജോർജ്ജ് - ആധുനിക മലയാള സാഹിത്യചരിത്രം പ്രസ്ഥാനങ്ങളിലൂടെ (ഡി.സി. ബുക്സ്, കോട്ടയം)
4. എരുമേലി പരമേശ്വരൻപിള്ള മലയാള സാഹിത്യം - കാലഘട്ടങ്ങളിലൂടെ (ഡി.സി. ബുക്സ്, കോട്ടയം)

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

Tools for Assessment (25 Marks)

Course Code	Title		
20U1FRN202	Part I : FRENCH – II		
Semester: II	Credits: 4	CIA : 25 Marks	ESE: 75 Marks

Course Objective : To make the students know and understand the value of French language and help them to follow the culture and tradition.

Course Outcome

CO1	Empowering reading skill
CO2	Translation

Offered by : The French Department

Course Content

Instructional Hours / Week : 5

Unit	Description	
I	À table!	
	Instructional Hours	15
II	Rallye	
	Instructional Hours	15
III	Chez moi	
	Instructional Hours	15
IV	Les Vacances	
	Instructional Hours	15
V	Au jour le jour	
	Instructional Hours	15
	Total Hours	75

Text Book :

1. CONNEXIONS 1 Methode de Français Niveau 1 – Régine Mérieux
Yves Loiseau

Tools for assessment (25 marks)

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

Course Code	Title		
20U2ENG202	Part II- English II		
Semester: II	Credits: 4	CIA: 25	ESE : 75

(All UG Programmes)

Course Objective

To equip the students with the Language Skills, Functional usage. Facilitate the insight and taste of Literature

Course Outcome (CO)

CO1	Remember the themes of literary pieces
CO2	Understand the authors context
CO3	Comprehend the writing skills and practice it
CO4	Enhance fluency over language with self confidence.
CO5	Assess the language skills using literature

Offered by: English

Instructional Hours / Week: 5

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

V	<p>Oral & Written Communication (Unit I –IV)</p> <p>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</p> <p>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.</p> <p>Reading – Different Reading Strategies in Poetry, Prose, Novel, Newspaper etc</p> <p>Writing– Dialogue/Conversation Writing, Advertisement Writing, and Creative Writing (autobiography, article etc,) for publication in Mass Media.</p>	2	
	Instructional Hours		15
		Total Hours	75

Books for study:

Unit I – V: Will be compiled by the PG & Research Department of English

Books for Reference:

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

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

Tools for Assessment (25 Marks)

CIA I	CIA II	Model	Assignments	Seminars	Attendance	Total
5	5	6	3	3	3	25

Mapping

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

S: Strong, H: High, M: Medium, L: Low

Course Code	Title		
19U3ACC204	Core Paper - IV Financial Accounting		
Semester : II	Credits : 4	CIA : 25 Marks	ESE : 75 Marks

(Common for B.Com, B.Com CA, B.Com e-Com, B.Com IT and 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**, Margham Publications, 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 (25 Marks)

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

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	H	L	L	M	H	H	M
CO2	H	M	M	M	H	L	H
CO3	H	M	M	H	M	M	H
CO4	H	M	M	M	M	H	M
CO5	M	H	H	L	L	H	L

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
18U3CIP205	Core Paper – V Computer Application Practical – II (Computerized Accounting)		
Semester : II	Credits : 2	CIA : 20 Marks	ESE : 30 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: 4

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)
	Bill wise statements
8	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 60 Hours	

Tools for Assessment (20 Marks)

CIA I	CIA II	Tool 1 Creation of Accounts	Tool 2 Problem Solving	Observation Note	Attendance	Total
4	4	3	3	3	3	20

Mapping

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
18U3MAA202	Allied Paper II : Business Statistics		
Semester : II	Credits : 4	CIA : 25 Marks	ESE : 75 Marks

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	Meaning and Definition of Statistics: Collection of data Primary and Secondary – Classification and Tabulation 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 prediction – 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
	Statistical inference: Introduction-Testing of Hypothesis- Types of Errors-Estimation (Only theory).	2	3

V	Analysis of variance: One way and Two way classification	2	5
Instructional Hours			18
Total Hours			90

Text Books:

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

Tools for Assessment (25 Marks)

CIA I	CIA II	CIA III	Assignment	Problem Solving Skills	Attendance	Total
5	5	6	3	3	3	25

Mapping

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

H-High; M-Medium; L- Low

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title	
18U4HRC202	Ability Enhancement Compulsory Course : Human Rights and Constitution of India	
Semester: II	Credits: 2	Max. Marks : 50

Course Objective: Understand the concept of human rights and the importance of Indian Constitution.

Course Outcome:

CO1	Understand the principal aspects of human rights and duties in a broad sweep.
CO2	Understand the fundamental duties and rights of Indian Citizen

Offered by:

Course Content

Instructional Hours / Week: 2

Unit	Description	Instructional Hours	Week
I	Human Rights and Conceptual Background of Human Rights Definition, Meaning Inherent, inalienable, Universal, indivisible Values: Dignity, liberty, equality and justice.	6	
II	Philosophical and Historical Perspectives : Theories of Human Rights - Human Rights Movements- History of Human Rights Civilization	6	
III	HR for target population: Refugees, War victims, Prisoners, Custodial Violence Women and Children, Senior Citizens.	6	
IV	Human Rights and Duties in India Evolution : Independence Movement , Making of the constitution Indian Constitution : Fundamental Rights –directive Principles – Fundamental Duties.	6	
V	Enforcement and Protection Mechanism of Human Rights in India. Judiciary, National Human Rights Commission and other Commissions and Committees. Non-Governmental Organizations, Information Media and Education.	6	
	Total Hours	30	

Text Book:

1. “**Human Rights and Constitution of India**”, compiled by the Department of Social Work, Nehru Arts and Science College.

Course designed by	Verified by	Checked by	Approved by

Course Code		Title	
18U4HVVY201		Human Values and Yoga Practice I	
Semester: I & II		Credits: 2	CIA: 25 Marks
ESE: 25 Marks			
(Common to all UG programmes)			

Course Objective:

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

Course Outcome (CO):

At the end of the course, students are expected

CO 1	To inculcate in students, a sense of respect towards harnessing values of life and spirit of fulfilling social responsibilities.
CO 2	To inspire individuals to choose their own personal, social, moral and spiritual values and be aware of practical methods for developing and deepening.
CO 3	To inculcate cultural behavioral patterns
CO 4	To understand physical body and Health concepts

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

Unit	Description	Instructional Hours	6
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:

- “Value Education”, compiled by Centre for Human Excellence, Nehru Arts and Science College.

Course designed by	Verified by	Checked by	Approved by

20U3ACC306	Core Paper– VI Corporate Accounting		
Semester : III	Credits : 4	CIA : 25 Marks	ESE : 75 Marks

(Common for B.Com, B.Com CA, B.Com PA, B.Com IT and 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 good will 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–for feature 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 good will, Methods; Valuation of Shares, Need for valuation	1	11
Instructional Hours			18
Total Hours			90

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

Text Book(s):

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

Reference Book(s):

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

Tools for Assessment (25 Marks)

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	H	M	M

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
20U3CIC307	Core Paper– VII Programming With C++		
Semester : III	Credits : 4	CIA : 25 Marks	ESE : 75Marks

Course Objective:

To provide complete knowledge of Object Oriented Programming through C++ and to enhance the programming skills of the students

Course Outcomes:

CO1	To define the concepts of OOPS.
CO2	To outline skeleton of C++.
CO3	To define construct or and overloading concepts.
CO4	To describe the inheritance and polymorphism concepts.
CO5	To describe the file and exception handling process

Offered by: Commerce

Course Content

Instructional Hours/Week: 6

Unit	Description	Text Book	Chapter
I	Object oriented programming: Evolution and Paradigm of OOPS– Concepts, benefits, Object Oriented Languages and Applications.	1	1
	Basic concepts of C++ language – Tokens: Keywords, Identifiers, Data types, Variables, Expression	1	3
	Control Structure: Conditional, Switch, Loop and Breaking Statement	2	3
Instructional Hours			18
II	Functions in C++ – Call by Reference – Call by Value – Inline Functions – Default Arguments–Const Arguments	1	4
	Classes and Objects – Defining Member Functions – Nesting Member Function– Private Member Function – Static Member Function–Friend Function	1	5
Instructional Hours			18
III	Constructors with Default Arguments – Copy Constructor – Dynamic Constructor – Destructor	2	9
	Overloading: – Function Overloading with various Data types & Arguments – Scoping Rules – Special Features. Operator Overloading : Overloading of binary and Unary operators and its rules	2	11
	Instructional Hours		
IV	Inheritance – Single Inheritance–Types of Base Classes– Types of Derivation	2	10
	Multilevel Inheritance – Multiple Inheritance – Hierarchical Inheritance – Hybrid Inheritance	1	8

	Polymorphism – Pointers – Pointers to Object – Virtual Functions and its Rules –Pure Virtual Function – Pointers to Delivered Class	1	9
Instructional Hours		18	
V	Managing Console I/O Operations – C++ Streams – Stream Classes – istreams, ostream , ifstream, fstream, ofstream, file buff, ifstream, ostream – Unformatted I/O Operation	1	10
	File:Opening and Closing a File – Stream State Member Function – Reading / Writing a Character from a File – Simple File Program	2	14
	Exception Handling: Basic Concepts – Mechanism of Exception Handling –Pre and User Defined Exception – Throwing and Catching Exception –Rethrowing an Exception.	1	13
Instructional Hours		18	
Total Hours		90	

Text Book(s):

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

Reference Book(s):

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

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
19U3CIP308	Core Paper – VIII C++ Practical		
Semester: III	Credits: 4	CIA: 40 Marks	ESE: 60 Marks

Course Objective:

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

Course Outcomes:

CO1	To recall the knowledge about command prompt.
CO2	Demonstrate the procedures in C++.
CO3	Build knowledge on file handling concept.
CO4	Function to make small programs.
CO5	To manipulate operators and functions.

Offered by: Commerce

Course Content

Instructional Hours / Week: 4

Unit	List of Programmes (10 Programmes)
1	Program to find the given string is palindrome or not. Declare private member function to find palindrome of the given string and access it using public member function.
2	Program to create a class ARITHMETIC and a Member function ADD(), SUB(), MUL(), DIV() to perform addition, subtraction, multiplication, division respectively.
3	Program to calculate Economic Order Quantity (using nesting of member function).
4	Program to print the Employees' payroll statement (using control structures).
5	Program to calculate simple Interest and compound Interest (using nested class).
6	Program to print the book list of library (using array of objects).
7	Program to prepare cost sheet (using inheritance).
8	Program to calculate margin of safety (using multilevel inheritance).
9	Program for bank transaction (using constructor and destructor).
10	Program to calculate increase or decrease in working capital using operator overloading
Total Hours : 60	

Tools for Assessment (40 Marks)

CIA I	CIA II	Creativity	Program Execution	Observation Notebook	Attendance	Total
10	10	5	5	7	3	40

Mapping

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

18U3ACA303	Allied Paper – III Managerial Economics		
Semester : III	Credits : 4	CIA : 25 Marks	ESE : 75 Marks

[Common to B.Com / B.Com (CA) / B.Com (PA) / B.Com (e-com)/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 (25 Marks)

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
20U4ACZ301	Skill Based Paper – I – Finance Modeling through Spreadsheet		
Semester : III	Credits : 3	CIA : 30 Marks	ESE : 45 Marks

Course Objective:

The course provides a finance application using the Spreadsheet.

Course Outcomes:

CO1	Ascertain the cost of capital and capital structure using spreadsheet
CO2	Computation of leverage and working capital
CO3	Estimate the cash flow and capital rationing
CO4	Able to calculate inventory
CO5	Select a suitable dividend and credit policy to the company

Offered by: Commerce

Course Content

Instructional Hours / Week: 4

S. No.	List of Programs (10 Programs)
1.	Cost of Capital Compute issue and redemption of shares and debentures before tax and after tax.
2.	Capital Structure Calculate EPS, EPS Growth for the given summarized Financial Reports.
3.	Leverage Compute DOL, DFL, and DCL for different level of operators.
4.	Working Capital Estimate Working Capital requirement for a company and interpret.
5.	Cash flow Estimation Estimate Cash Budget using given Cash flows.
6.	Capital Rationing Prepare statement of profitability showing payback period for two different alternatives.
7.	Capital Rationing Prepare statement of Profitability showing Discounted Cash Flow method for two different alternatives.
8.	Inventory Management Calculate EOQ, Max Level, Min Level, Graph for given Inventory Data.

9.	Dividend Policy Calculate Optimum Payout Ratio by using Walter's Gordon's and M.M. model.
10.	Credit Policy Calculate the paying credit policy for the company.
Total Hours : 60	

Tools for Assessment (30 Marks)

CIA I	CIA II	Creation of Program	Execution of Program	Observation Notebook	Attendance	Total
5	5	5	5	7	3	30

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	M

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title	
17U4NM3BT1	Basic Tamil I	
Semester: III	Credits : 2	CIA : 50 Marks

Course Objective:

தமிழ் மொழியைக் கற்பித்தல் - மொழித்திறனை வளர்த்தல்.

Course Outcome:

தமிழ் எழுத்துகள் அறிமுகம் செய்தல் மற்றும் வாசித்தல் ஆகியவற்றின் பயன்பாடு.

Department offered by: தமிழ்த்துறை

Course Content

Instructional Hours / Week: 2

Unit	Description	Instructional Hours
I	தமிழ்மொழியின் அடிப்படைக் கூறுகள் 1. எழுத்துக்கள் - உயிரெழுத்துக்கள் - மெய்யெழுத்துக்கள் - உயிர் மெய்யெழுத்துக்கள்	5
II	சொற்களின் வகைகள் 1. பெயர்ச்சொற்கள் 2. வினைச்சொற்கள் 3. இடைச்சொற்கள் 4. உரிச்சொற்கள்	10
III	தொடரமைப்பு 1. எழுவாய் 2. செயப்படுபொருள் 3. பயனிலை	5
IV	குறிப்பு எழுதுதல் தொடரமைப்பு பத்தி அமைப்பு	5
V	பிழை நீக்கி எழுதுதல் 1. ஒற்றுப்பிழை 2. எழுத்துப்பிழை	5
Instructional Hours		5
Total Hours		30

பார்வை நூல்கள்

1. பவனந்தி முனிவர், நன்னூல் பூலியூர்க்கேசிகள் உரை, சாரதா பதிப்பகம், சென்னை

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	தொடர்மற்றும் பத்திகளில் பிழையின்றி எழுதச்செய்தல்
CO3	மொழியைப் பிழையின்றிப் பேச, எழுதும் திறன்பெறச் செய்தல்
CO4	கடிதம் எழுதுதல் மற்றும் மொழியறிவைப் பெறுதல்.
CO5	படைப்பாக்கத்திறன் அறிவுபெறச்செய்தல்.

Offered by : தமிழ்த்துறை

Course Content Instructional Hours/Week: 2

Unit	Description	Instructional Hours
I	புதுக்கவிதை	
	1. பாரதியார்-புதுமைப்பெண் 2. பாரதிதாசன் - இருண்டவீடு	10
II	பிழைநீக்குதல்	
	1. வார்த்தைப் பிழைநீக்கம் 2. தொடர்பிழைநீக்கம் 3. பத்திஎழுதச்செய்தல்	5
III	இலக்கணப் பயிற்சி அளித்தல்	
	1. தொகைநிலைத் தொடர் 2. தொகாநிலைத்தொடர் 3. ஆகுபெயர், ஆகுபெயர்வகைகள்	5
IV	கடிதம் எழுதுதல்	
	1. பாராட்டுக்கடிதம் 2. நன்றிக்கடிதம் 3. அழைப்புக்கடிதம் 4. அலுவலகக் கடிதம்	5
V	இலக்கியவரலாறு	
	1. புதுக்கவிதையின் தோற்றமும் வளர்ச்சியும் 2. பாரதியார்-குறிப்புவரைக. 3. பாரதிதாசன் -குறிப்புவரைக.	5
		Total Hours 30

பாடத்தொகுப்பு

இளங்கலைமுதலாம் ஆண்டுதமிழ் மாணவர்களுக்குரிய பாடநூல் “திரட்டு”
 தொகுப்பு: தமிழ்த்துறை, நேருகலைமற்றும் அறிவியல் கல்லூரி, கோயம்புத்தூர் - 105

பார்வை நூல்கள்

1. பாரதியார்- பாரதியார்கவிதைகள், அபிராமிபதிப்பகம், 7- பி, கொடிமரத் தெரு, சென்னை- 013

Course Code	Title	
19U4NM3CAF	Non Major Elective : Consumer Affairs	
Semester: III	Credits : 2	ESE: 50 Marks

Course Outcome:

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
CO5	Comprehend business firms ,interface with consumers

Course Content

Instructional Hours / Week : 2

Unit	Description	Instructional Hours
I	<p>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.</p> <p>Consumer Complaining Behaviour: Alternatives available to Dissatisfied Consumers; Complaint Handling Process</p>	6
II	<p>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.</p>	6
III	<p>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.</p>	6
IV	<p>Role of Industry Regulators in Consumer Protection i. Telecommunication: TRAI ii. Food Products: FSSAI iii. Insurance : IRDA and Insurance Ombudsman</p>	6
		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.	
	Quality and Standardization: Voluntary and Mandatory standards; Role of BIS, Indian Standards Mark (ISI), Ag-mark, Hallmarking, Licensing and Surveillance.	
	Instructional Hours	6
	Total Hours	30

Text book :

“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.

Course Code	Title	
19U4NM3GTS	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 Outcome : To upgrade the knowledge and skills of the students in Gandhian Thoughts and to encourage patriotism among the new generation, to put light on social issues and value of life.

Course Content

Instructional Hours/Week: 02

Unit	Description	Instructional Hours	
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	6	
		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	6	
		Instructional Hours	6
III	Gandhiji's View on Truth and Non-Violence : Gandhiji's Words about Truth - Meaning of Truth, Truth is God - Truth and God - The Importance of Truth in Human Life - Absolute and Relative Truth - Realisation of the Self - Liberation.	6	
		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.	6	
		Instructional Hours	6
V	Gandhiji's View on Democracy (Gram Swaraj) : City and Village - Gram Swaraj - Critique of Industrialisation - Critique of Machinery	6	
		Instructional Hours	6
		Total Hours	30

Text Book(s):

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

Course Code	Title	
19U4NM3WRT	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 Outcome:

- Examine the similarities and differences among women within and across cultures and at various moments
- Describe gender socialization and its consequences in a particular society
- Analyze how these factors with the privileges and disadvantages they confer have shaped one's own experiences, presumptions, viewpoints, and sense of identity
- Read and respond to feminist scholarship

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

Unit	Description	Text book	Chapter
I	Laws, Legal System and Change Definition - Constitutional law, CEDAW and International Human Rights - Laws and Norms – Laws and Social Context - Constitutional and Legal Framework	2	2
Instructional Hours			6
II	Politics of land and gender in India Land as Productive Resources	1	5
	Locating Identities – Women's Claims to Land – Right to Property - Case Studies	1	6,7
Instructional Hours			6
III	Women's Rights: Access to Justice Introduction – Criminal Law – Crime Against Women Domestic Violence – Dowry Related Harassment and Dowry Deaths- Molestation – Sexual Abuse and Rape Loopholes in Practice – Law Enforcement Agency	3	7
Instructional Hours			6
IV	Women's Rights		
	Violence Against Women – Domestic Violence The Protection of Women from Domestic Violence Act, 2005, The Marriage Validation Act, 1982 - The Hindu Widow Re-marriage Act, 1856- The Dowry Prohibition Act, 1961	3	5
Instructional Hours			6

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

Text Books:

1. Nitya Rao **Good Women do not Inherit Land** Social Science Press and 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).

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

Course Code	Title		
20U3ACC409	Core Paper – IX Cost Accounting		
Semester : IV	Credits : 4	CIA : 25 Marks	ESE : 75 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 labour and overhead costs
CO4	Knowledge on preparation of process costing
CO5	Reconcile cost and financial accounts

Offered by: Commerce

Course Content

Instructional Hours / Week: 5

Unit	Description	Text Book	Chapter
I	Cost Accounting – Definition – Meaning - Scope, Objectives, advantages and Limitations	1	I(1)
	Costing an aid to Management - Methods of Cost – Elements of Cost - Concept and Classification	1	I(2)
	Preparation of Cost Sheet	2	2
Instructional Hours			15
II	Material Control: Levels of material Control – Need for Material Control – Economic Order Quantity – ABC analysis – Perpetual inventory	2	3
	Purchase and stores Control: Purchasing of Materials – Procedure and documentation involved in purchasing	1	II
	Requisition for stores – Stores Control – Methods of valuing material issue	2	3
Instructional Hours			15
III	Labour: System of wage payment – Idle time	1	II(5)
	Incentive schemes	2	4
	Labour turnover	2	4
Instructional Hours			15
IV	Overhead – Classification of overhead – allocation and absorption of overhead	2	5
Instructional Hours			15

V	Process costing – Features of process costing	1	IV(4)
	Process losses, wastage, scrap, normal process loss – abnormal loss, abnormal gain. (Excluding inter process profits and equivalent production).	2	10
	Reconciliation of Cost and Financial accounts	2	6
Instructional Hours			15
Total Hours			75

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

Text Book(s):

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

Reference Book(s):

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

Tools for Assessment (25 Marks)

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
20U3ACC410	Core Paper -X Digital Marketing		
Semester : IV	Credits : 4	CIA : 25 Marks	ESE : 75 Marks

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

Course Objective:

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

Course Outcomes:

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

Offered by: Commerce

Course Content

Instructional Hours / Week: 4

Unit	Description	Text Book	Chapter
I	Introduction to Marketing -Market, Marketing, Marketer - Selling concept, marketing concept, Social marketing concept-Need and Significance of Marketing in Business	1	1
	Marketing environment –Identifying market segments-Basis for market segmentation	1	2
Instructional Hours			12
II	Product and Product lines - Product hierarchy, Product classification, Product mix decisions –Product line decisions	1	3
	Branding and Brand decisions, packing and labeling decision- Product life cycle-Strategies.	1	4
Instructional Hours			12
III	Pricing: Setting the price, pricing process, pricing methods. Adapting price: Geographical pricing, price discounts and allowances, promotional pricing, discriminatory pricing, product mix pricing.	1	5
Instructional Hours			12
IV	Marketing channels: The Importance of marketing channels-Channel design decisions - Channel management decisions- Channel Conflict: Types, Causes and managing the conflict.	1	7
Instructional Hours			12

V	Introduction to Digital Marketing-Meaning, Definition, Need of Digital Marketing, Scope of Digital Marketing, History of Digital Marketing, Concept and approaches to Digital Marketing, Examples of good practices in Digital Marketing.	2	1
	Email Marketing-Need for Emails, Types of Emails, options in Email advertising, Mobile Marketing-Overview of the B2B and B2C Mobile Marketing and Social Marketing	2	6
Instructional Hours		12	
Total Hours		60	

Text Book(s):

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

Reference Book(s):

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

Tools for Assessment (25 Marks)

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
19U3ACC411	Core Paper - XI Java Programming		
Semester : IV	Credits : 4	CIA : 25 Marks	ESE : 75 Marks

(Common for B.Com IT & B.Com e-Com)

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
Instructional Hours			15
Instructional Hours			15

V	File Streams : Stream Classes, Input / Output stream class, Character 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			15
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 (25 Marks)

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
19U3CIP412	Core Paper – XII Java Programming Practical		
Semester : IV	Credits : 4	CIA : 40 Marks	ESE : 60 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 a 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 $x+x^2/2! +x^3/3! +\dots+x^n/n!$
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 (40 Marks)

CIA I	CIA II	Creativity	Program Execution	Observation Note Book	Attendance	Total
10	10	5	5	7	3	40

Mapping

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
19U3ACA404	Allied – IV Company Law and Secretarial Practice		
Semester : IV	Credits : 4	CIA : 25 Marks	ESE : 75 Marks

[Common to B.Com (CA) / B.Com (PA) / B.Com (e-com) / 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 vires	1	5
	Articles of Association –Meaning –Forms –Contents –Alteration of Articles –Doctrine of Indoor management	1	6
Instructional Hours			12
III	Prospectus –Definition –Contents –Deemed Prospectus-Misstatement in Prospectus	1	7
	Kinds of Shares and Debentures.	1	11
	Winding up –Meaning -Modes of Winding Up - Latest Amendments as per companies Act 2013 & 2015	1	24
Instructional Hours			12
IV	Company Secretary – Meaning – Types – Positions – Qualities – Qualifications – Appointments and Dismissals – Power – Rights – Duties – Liabilities of a Company Secretary	1	5
	Role of a Company Secretary –Latest Amendments as per companies Act 2013 – Registration of Companies, 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
	Kinds of Company meetings – Board of Directors Meeting –	1	15

V	Statutory meeting – Annual General meeting – Extra ordinary General meeting - Duties of a Company Secretary to all the company meetings		
	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 (25 Marks)

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	H	M	M

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
20U4ACS402	Skill Based Paper – II Quantitative Aptitude for Skill Enhancement		
Semester : IV	Credits : 3	CIA : 20 Marks	ESE : 55 Marks

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

Course Objective:

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

Course Outcomes:

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

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

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

Text Book(s):

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

Reference Book(s):

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

Tools for Assessment (20 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Attendance	Total
4	4	5	2	2	3	20

Mapping

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title	
19U4NM4BT2	PartIV –Basic Tamil - II	
Semester: IV	Credits: 2	CIA : 50 Marks

(Common to all UG Programmes)

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

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

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

Unit	Description	Instructional Hours
I	நீதிநூல்கள்	
	1. பாரதியார் - ஆத்திச்சூடி - முதல் 12 வரிகள் 2. கொன்றைவேந்தன் முதல் 7 வரிகள்	
		Instructional Hours 10
II	திருக்குறள்	
	கடவுள் வாழ்த்து - அகரமுதலானத் 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. பரமார்த்தகுருகதைகள் 2. நாட்டுப்புறக் கதைகள் அறிமுகம்	
		Instructional Hours 5
V	மொழிப் பயிற்சி	
	1. பிறமொழிச் சொற்களுக்கு தமிழ்ச்சொல் எழுதுதல் 2. தன்விவரம் எழுதுதல் 3. எங்கள் கல்லூரி	
		Instructional Hours 5
		Total Hours 30

பாடத்தொகுப்பு :

இளங்கலை தமிழ் மாணவர்களுக்குரிய பாட நூல் “அரிச்சுவடி”

தொகுப்பு: தமிழ்த்துறை, நேருகலை அறிவியல் கல்லூரி, கோயம்புத்தூர்.

பார்வைநூல்கள் :

1. ஓளவையார் ஆத்திச்சூடி மணிவாசகர் பதிப்பகம்,கோயம்புத்தூர் இராஜவீதி-01.
2. திருக்குறள் - பரிமேலழகர் உரை,மணிவாசகர் பதிப்பகம்,சென்னை -600018.
3. முல்லாவின் வேடிக்கைக் கதைகள் - முல்லைபி.எல்.முத்தையாசென்னை-007.
4. நாட்டுப்புறவியல் ஓர்ஆய்வு-ச.சக்திவேல் பாரிநிலையம்,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 Code	Title	
19U4NM4AT2	Part IV – Advanced Tamil - II	
Semester: IV	Credits : 2	ESE : 50 Marks

(Common to all UG Programmes)

Course Objective : தமிழ்நூல்களின் வழி அறச்சிந்தனைகளை உருவாக்குதல்
செம்மொழியினைச் செம்மைப்படுத்துதல்.

Course Outcomes :

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

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

Unit	Description	Instructional Hours
I	பதினெண்கீழ்க்கணக்கு நூல்- திருக்குறள்	
	1. வாய்மை 2. கூடாநட்பு 3. செய்நன்றியறிதல்	
		10
II	சிறுகதை	
	வெ. இறையன்பு-பூனாத்தி சிறுகதைகள் 1. விடுகதை 2. நண்பர்கள்	
		5
III	எழுத்துப்பிழைநீக்கவழிகள்	
	1. சொற்களைச் சரியாகப் பயன்படுத்தும் முறை 2. வினைச் சொற்கள், பெயர்ச்சொற்கள்	
		5
IV	வழக்கறிதல்	
	1. மரபுவழக்கு 2. இயல்புவழக்கு 3. தகுதிவழக்கு அறிதல்	
		5
V	படைப்பாற்றல் பயிற்சி	
	கவிதை-சிறுகதை-நூல் மதிப்பீடு எழுதுதல்	
		5
		Total Hours 30

பாடத்தொகுப்பு

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

பார்வை நூல்கள்

1. திருக்குறள் – பரிமேலழகர் உரை, மணிவாசகர்பதிப்பகம், சென்னை – 018
2. தமிழண்ணல்-புதியநோக்கில் தமிழ் இலக்கியவரலாறு மீனாட்சிபுத்தகநிலையம், மதுரை – 001.
3. அ.கி. பரந்தாமனார் – நல்லதமிழ் எழுதவேண்டுமா? அல்லிநிலையம், சென்னை – 600 007.
4. பவணந்தி முனிவர், நன்னூல் பூலியூர்க்கேசிகன் உரை, சாரதாபதிப்பகம், சென்னை – 040
5. வெ. இறையன்பு-பூனாத்தி, கவிதாபதிப்பகம், 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 Code	Title	
19U4NM4GEN	General Awareness	
Semester: IV	Credits : 2	ESE : 50 Marks

Course Objective:

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

Course Outcome:

- Analysis the Verbal and Numerical Aptitude
- Understood the General Science and Technology and Education
- Gain Knowledge in Computer aids and Social Studies
- Develop Aptitude and problem solving skills

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

S. No.	Topics
1	Verbal Aptitude
2	Numerical Aptitude
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

Course Code		Title	
18U4HVY402		Value Education: Human values and Yoga Practice II	
Semester: III & IV	Credit: 2	CIA: 25 Marks	ESE: 25 Marks

Course Objective

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

Course Outcome (CO):

At the end of the course, students are expected

CO 1	To become more aware of their self and their relationships and would have better reflective and discerning ability.
CO 2	It is hoped that they would be able to apply what they have learnt to their own self in different ordinary day-to-day settings in real life with higher commitment and courage.
CO 3	To enable students to lead a practical life adding value to human relations.
CO 4	To have the basic Knowledge on Simplified Physical Exercises and Asanas and Meditation

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

Unit	Description	Text Book	Chapter
I	Self-realization and Human Values- Self-realization and Harmony-Rules and Regulations-Rights and Duties-Good and Obligation-Integrity and Conscience. Obligation to Family- Trust and Respect -Codes of Conduct -Citizens Charter - Emotional Intelligence.	1	1,4
Instructional Hours			6
II	Impact of Modern Education and Media on Values: Impact of Science and Technology on Values; Effects of computer aided media on Values (Internet, e-mail, Chat etc.); Role of teacher in the preservation of tradition and culture;	1	5
Instructional Hours			6
III	Eradication of worries - Maintaining youthfulness - Greatness of friendship – Refinement of worries - Neutralization of	1	2,3

	anger- Intelligent quotient (IQ), Emotional quotient (EQ), Spiritual Quotient (SQ)		
	Instructional Hours		6
IV	Standing Posture: Tadasana, Padahastasana, Virabhadrasana; Sitting posture: Ustrasana, Ardha Matsyendrasana, Paschimottanasana.	2	4,5
	Instructional Hours		6
V	Supine posture: Sarvangasana, Halasana, Chakrasana. Prone posture: Bhujangasana, shalabhasana; Dhanurasana; Balancing postures: Vrikshasana, Natarajasana, Utkatasana; Pranayama: Bhastrika, Bhramari, NadiShodhan.	2	6,9
	Instructional Hours		6
		Total Hours	30

Textbook(s):

1. Kiran, D.R. "Professional Ethics & Human Values", TATA McGraw Hill Education.
2. Chandrasekaran, 1999. Sound Health through yoga, Prem Kalyan Publications, Madurai.

Reference Books :

1. Vethathiri Maharishi, 2011, "Value Education", Vethathiri Publication, Erode
2. Thathuvagnani Vethathiri Maharishi, 2014, "Simplified Physical Exercises". Vethathiri Publications

Course Code	Title		
20U3ACC513	Core Paper – XIII Management Accounting		
Semester : V	Credits : 4	CIA : 25 Marks	ESE : 75 Marks

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

Course Objective:

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

Course Outcomes:

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

Offered by: Commerce

Course Content

Instructional Hours / Week: 5

Unit	Description	Text Book	Chapter
I	Management Accounting – Meaning – Objectives and Scope – Relationship between Management Accounting, Cost Accounting and Financial Accounting – advantages and limitations.	1	1(1)
	Tools and Techniques of Management Accounting		
	Financial statement Analysis and Interpretation – trend analysis, comparative and common size statements	2	2
Instructional Hours			15
II	Ratio Analysis – uses - Analysis of liquidity – Solvency, Profitability and Activity Ratios.	2	3
	Construction of Balance Sheet		
Instructional Hours			15
III	Funds Flow Analysis	1	5(23)
	Cash Flow Analysis	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 (25 Marks)

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

Mapping

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
20U3ACC514	Core Paper – XIV Direct Tax		
Semester: V	Credits : 4	CIA : 25 Marks	ESE : 75 Marks

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

Course Objective:

To enable the students to know the basics of Income Tax Act and its implications.

Course Outcomes:

CO1	Identify the residential status
CO2	Able to calculate income from the salary & House Property
CO3	Capacity to compute Income from business and profession
CO4	Enumerate 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 1961, Important Definitions	1	1
	Residential Status and Scope of Income	1	2
	Exempted Incomes u/s 10	1	3
Instructional Hours			18
II	Income from Salary	1	5
	Income from House Property	1	6
Instructional Hours			18
III	Income from Business	2	4
	Income from Profession	2	4
Instructional Hours			18
IV	Income from Capital Gains	2	6
	Income from Other Sources	2	7
Instructional Hours			18
V	Set-off and Carry forward of Losses	2	9
	Aggregation of Income and advance tax and TDS	2	9
	Provisions for filing of return of income	2	9
Instructional Hours			18
Total Hours			90

Note: Distribution of Marks between theory and problem shall be 40% and 60% respectively.

Text Book(s):

1. Gaurand Narang, **Income Tax Law and Practice**, Kalyani publishers New Delhi, 2019.
2. Dr.N.Hariharan, **Income Tax Law and Practice**, Vijay Nicole Imprints Pvt Ltd, 2019.

Reference Book(s):

1. Dr.HC Mehrotra, **Income-tax Law and Accounts**, Sahithya Bhavan publishers, 2019
2. Bhagwati Prasad, **Income Tax Law and Practice**, Wishwa Prakashan, 2019.

3. Vinod K.Singhania, **Direct Taxes Law & Practice**, Sultan chand & Sons, New Delhi, 2019.
4. Dinkar Pagare, **Income Tax Law and Practice**, Sultan Chand & Sons, New Delhi, 2019.

Tools for Assessment (25 Marks)

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
20U3CIC515	Core Paper-XV VB.NET Programming		
Semester : V	Credits : 4	CIA : 25 Marks	ESE : 75 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: Single 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		18
	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.Shapiro, “**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 (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 HOD	Checked by	Approved by

Course Code	Title		
20U3CIP516	Core Paper – XVI VB.NET Practical		
Semester : V	Credits : 4	CIA : 40 Marks	ESE : 60 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	List of Programs
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 details (with database connectivity)
Total Hours	
60	

Tools for Assessment (40 Marks)

CIA I	CIA II	Creativity	Program Execution	Observation Note Book	Attendance	Total
10	10	5	5	7	3	40

Mapping

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
20U3ACE501	Elective Paper – I (A) Banking Theory Law and Practice		
Semester : V	Credits : 4	CIA : 25 Marks	ESE : 75 Marks

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

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	Tex 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
V	Position of surety – Letter of credit – Bills and supply bill.	1	3
	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 (25 Marks)

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

Mapping

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
19U3CIE502	Elective I – (B) Networking Management		
Semester : V	Credits : 4	CIA : 25 Marks	ESE : 75 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	2	6
	Management- 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 (25 Marks)

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
18U3ACE503	Elective Paper – I (C) - Consumer Affairs		
Semester: V	Credits: 4	CIA : 25 Marks	ESE: 75 Marks

(Common to B.Com./ B.Com CA/B.Com PA/B.Com IT/ B.Com e.Com & 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, and restrictive trade practice.	1	4

	Organizational set-up under the Consumer Protection Act: Advisory Bodies: Consumer Protection Councils at the Central, State and District Levels; Adjudicatory Bodies: District Forums, State Commissions, National Commission: Their Composition, Powers, and Jurisdiction (Pecuniary and Territorial), Role of Supreme Court under the CPA with important case law	1	5
	Instructional Hours		15
III	Grievance Redressal Mechanism under the Indian Consumer Protection Law: Who can file a complaint? Grounds of filing a complaint; Limitation period; Procedure for filing and hearing of a complaint; Disposal of cases, Relief/Remedy available; Temporary Injunction, Enforcement of order, Appeal, frivolous and vexatious complaints; Offences and penalties.	1	6
	Leading Cases decided under Consumer Protection law by Supreme Court/National Commission: Medical Negligence; Banking; Insurance; Housing & Real Estate; Electricity and Telecom Services; Education; Defective Products; Unfair Trade Practices.	1	7
	Instructional Hours		15
IV	Role of Industry Regulators in Consumer Protection : Banking: RBI and Banking Ombudsman - Insurance: IRDA and Insurance Ombudsman - Telecommunication: TRAI - Food Products: FSSAI - Electricity Supply: Electricity Regulatory Commission - Real Estate Regulatory Authority	1	9
	Instructional Hours		15
V	Contemporary Issues in Consumer Affairs : Consumer Movement in India: Evolution of Consumer Movement in India, Formation of consumer organizations and their role in consumer protection, Misleading Advertisements and sustainable consumption, National Consumer Helpline, Comparative Product testing, Sustainable consumption and energy ratings.	1	12
	Quality and Standardization: Voluntary and Mandatory standards; Role of BIS, Indian Standards Mark (ISI), Ag-mark, Hallmarking, Licensing and Surveillance; Role of International Standards: ISO an Overview	1	14
	Instructional Hours		15
	Total Hours		75

Text Book(s):

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

Reference Book(s):

1. Girimaji, Pushpa (2002). Consumer Right for Everyone Penguin Books.
2. E-books :- www.consumereducation.in
3. Empowering Consumers e-book,
4. ebook, www.consumeraffairs.nic.in
5. The Consumer Protection Act, 1986 and its later versions. www.bis.org

Tools for Assessment (25 Marks)

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
19U4ACS503	Skill Based Paper – III Multimedia		
Semester: V	Credits : 3	CIA : 20 Marks	ESE : 55 Marks

Course Objective:

This course enables the students proper applications of multimedia evaluate the appropriate multimedia systems and develop effective multimedia applications

Course Outcomes:

CO1	Understanding of the structure of an interactive computer graphics system, and the separation of system components.
CO2	Gain knowledge on geometrical transformations and 3D viewing.
CO3	create interactive graphics applications
CO4	Prepare techniques for representing 3D geometrical objects
CO5	Understanding of the fundamental principles of local and global illumination models

Offered by: Commerce

Course Content

Instructional Hours / Week: 4

Unit	Description	Text Book	Chapter
I	Introduction: Basic elements of Computer graphics, Applications of Computer Graphics..	1	5
Instructional Hours			12
II	Graphics Hardware: Architecture of Raster and Random scan display devices, input/output devices.	1	5
Instructional Hours			12
III	Fundamental Techniques in Graphics : Raster scan line, circle and ellipse drawing, thick primitives, Polygon filling, line and polygon clipping algorithms, 2D and 3D Geometric Transformations, 2D and 3D Viewing Transformations (Projections- Parallel and Perspective), Vanishing points.	2	5
Instructional Hours			12
IV	Geometric Modeling : Representing curves & Surfaces	2	4
Instructional Hours			12
V	Visible Surface determination: Hidden surface elimination. Surface rendering : Illumination and shading models. Basic color models and Computer Animation	2	6
Instructional Hours			12
Total Hours			60

Text Book(s):

1. J.D., Foley, Van Dan, A., & Feiner Hughes.. Computer Graphics Principles & Practice (2nd ed.). Addison Wesley. 1990
2. Hearn D. Baker. Computer Graphics. New Delhi: Prentice Hall of India. 2008.

Reference Book(s):

1. Rogers, D.F. Procedural Elements for Computer Graphics. McGraw Hill., 1997
2. Rogers, D.F. Adams.. Mathematical Elements for Computer Graphics (2nd ed.). McGraw Hill, 1989

Tools for Assessment (20 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Attendance	Total
4	4	5	2	2	3	20

Mapping

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
20U3ACE604	Elective Paper – II (A) Indirect Taxes		
Semester : VI	Credits : 4	CIA : 25 Marks	ESE : 75 Marks

Course Objective:

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

Course Outcomes:

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

Offered by: Commerce

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

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

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

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
20U3ACE605	Elective Paper - II(B) Entrepreneurial Development		
Semester : VI	Credits : 4	CIA : 25 Marks	ESE : 75 Marks

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

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	
		Book	
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		15	
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		15	
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	
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 (25 Marks)

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
20U3CIE606	Elective Paper – II (C) Cloud Computing		
Semester : VI	Credits : 4	CIA : 25 Marks	ESE : 75 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 ntensive 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 CloudComputing**”, 5th edition, 2014
2. Velte Anthony and Velte T.J Elsenpeter, “**Cloud Computing a Practical Approach**”, 1stEdition, 2010.
3. Michael Miller, “**Cloud Computing**”, 8th Edition, 2012,

Tools for Assessment (25 Marks)

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	H	M	M

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
18U3ACE607	Elective Paper III (A) Investment Management		
Semester : VI	Credits : 4	CIA : 25 Marks	ESE : 75 Marks

[Common to B.Com /B.Com (CA) / B.Com (IT)] B.Com (PA) /B.Com (e-com)/ 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 Outcomes:

CO1	Able to identify various investment avenues
CO2	Classify the capital market functions
CO3	Infer different investment analysis
CO4	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	1	22
Instructional Hours		15	
IV	Portfolio Analysis - Markowitz Portfolio Theory, Efficient frontier index, CAPM	2	15

	Portfolio Investment process – planning, implementation, portfolio monitoring, objectives, constraints, types & needs.	1	29
Instructional Hours		15	
	Financial Derivatives – Recent development in global financial derivative market – derivatives market in India, trading mechanism	1	32
V	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. Prassna Chandra, “**Investment Analysis & Portfolio Management**”, Tata McGraw Hill Publishing Company, New Delhi, 3rd Edition, 2008.
2. William.F. Sharpe, Gordon J. Alexander Jeffery, V. Bailey, “**Investments**”, Prentice Hall of India Pvt. Ltd., 2007.

Tools for Assessment (25 Marks)

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

Mapping

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
19U3ACE608	Elective Paper– III (B) Software Project Management		
Semester : VI	Credits : 4	CIA : 25 Marks	ESE : 75 Marks

Course Objective:

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

Course Outcomes:

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 of risk – 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 Cotterell, **“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 Practice”**, Pearson education India, 2002
2. Wysocki Robert K. Wiley, **“Effective Software Project Management”**, Dreamtech India Pvt Ltd, 2012

Tools for Assessment (25 Marks)

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
19U3ACV609	Elective Paper – III (C) Project Work & Viva – Voce		
Semester : VI	Credits : 4	CIA : 40 Marks	ESE : 60 Marks

(Common to B.Com/ B.Com CA/B.Com PA/B.Com IT /B.Com e.Com& 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 where 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	10 Marks
Total	40 Marks

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

Record Work and Presentation	40 Marks
Viva- Voce Examination	20 Marks
Total	60 Marks

Course Designed by	Verified by HOD	Checked by	Approved by

Course Code	Title		
18U4ACS604	Skill Based Paper– IV Cyber Security and Law		
Semester : VI	Credits : 3	CIA : 20Marks	ESE : 55Marks

(Common for B.Com/B.Com CA/B.Com IT/B.Com PA/ B.Com e.Com & 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 and criminal offenses under the Information Technology Act 2000

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			12
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			12
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	1	5

	Procedures –Applicability of the law of Evidence on Electronic Records – Amendments to Indian Penal code 1860. The Indian Evidence Act 1872.		
		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 2000 – Definitions – Authentication of Electronic Records Electronic Governance – Civil and Criminal Offenses under The Information Technology Act 2000	1	7
		Instructional Hours	12
		Total Hours	60

Text Book(s):

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

Reference Book(s):

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

Tools for Assessment (20Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Attendance	Total
4	4	5	2	2	3	20

Mapping

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

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

Course Designed by	Verified by HOD	Checked by	Approved by

**EXTRA
DEPARTMENTAL
COURSES**

18U4AC3ED1	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 % Problem

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

18U4AC3ED2	Extra Departmental Course – II Modern Banking	
Semester : III	Credit : 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

18UACSS01	Self Study Paper - I Capital Market Operations		
Semester : II to V	Credits : 2		Marks – ESE : 50

Common for B.Com CA / B.Com PA / B.Com e-Com / B.Com IT/ B.Com Banking

Course Objective:

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

Course Outcomes:

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

Offered by: Commerce

Course Content

Instructional Hours / Week: Nil

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

Reference Book(s):

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

Course Designed by	Verified by HOD	Checked by	Approved by

18UACSS02	Self Study Paper -II Personal Investment Management	
Semester : II to V	Credits : 2	Marks – ESE : 50

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

Course Objective:

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

Course Outcomes:

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

Offered by: Commerce

Course Content

Instructional Hours / Week: Nil

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

Reference Book(s):

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

Web Reference(s):

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

Course Designed by	Verified by HOD	Checked by	Approved by


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