UNDERGRADUATE DEPARTMENT OF COMMERCE
B.COM (INFORMATION TECHNOLOGY) 2019 -20 ONWARDS

Semester	Course	Subject Code	Subject Title	Hours	Credit	Marks
1	Part-I	CIT 1251	TAS/ HIS/ FRS/ Azhuvalaga Nadaimuraigal	3	2	30
	Part-II	ENS XXXX	ENGLISH	3	2	30
	Major	CIT 1553	Financial Accounting- I	5	5	75
	Major	CIT 1455	Business Communication	4	4	60
	Major	CIT 1457	Principles of Marketing	4	4	60
	Supportive	CIT 1459	Business Economics	5	4	60
	NME	CIT 1261	Office Practices	3	2	30
	LS	CIT 1263	Consumerism	3	2	30
TOTAL				**30**	**25**	**375**
2	Part-I	CIT 1252	TAS/ HIS/ FRS/ Seyalar Panimurai	3	2	30
	Part-II	ENS XXXX	ENGLISH	3	2	30
	Major	CIT 1554	Financial Accounting – II	5	5	75
	Major	CIT 1456	Banking Theory, Law & Practice	4	4	90
	Major	CIT 1458	Auditing	4	4	60
	Supportive	CIT 1460	Business Environment	5	4	60
	NME	CIT 1262	Principles of investment	3	2	30
	LS	CIT 1264	Business Organisation	3	2	30
	Part V	XXX 0000	NSS/SLP/PED	---	1	30
TOTAL				**30**	**25 + 1**	**375 / 405**
3	Part-I	CIT 2251	TAS/ HIS/ FRS/ Vaniga Melanmai	3	2	30
	Part-II	ENG XXXX	ENGLISH	3	2	30
	Major	CIT 2553	Corporate Accounting	5	5	75
	Major	CIT 2655	Business Law	6	6	90
	Major	CIT 2457	Visual Basic (T+L)	4	4	60
	Major	CIT 2459	Desk Top Publishing (T +L)	4	4	60
	Supportive	CIT 2461/ **MASXXXX**	Information Technology / **Business Statistics**	5	4	60
TOTAL				**30**	**27**	**405**

Semester	Course	Subject Code	Subject Title	Hours	Credit	Marks
4	Part-I	CIT 2252	TAS/ HIS/ FRS/ Melanmai Thathuvangal	3	2	30
	Part-II	ENG XXXX	ENGLISH	3	2	30
	Major	CIT 2554	Management Accounting and Financial Control	5	5	75
	Major	CIT 2656	Corporate Law	6	6	90
	Major	CIT 2458	Programming in C++ (T+L)	4	4	60
	Major	CIT 2460	Web designing (T+L)	4	4	60
	Supportive	CIT 2462/ **MAS XXXX**	e-Commerce / **Business Mathematics**	5	4	60
	Part V	XXX 0000	NSS/SLP/PED	---	1	30
TOTAL				**30**	**27 + 1**	**405 / 435**
5	Major	CIT 3651	Costing – I	6	6	90
	Major	CIT 3653	Income Tax Law and Practice-I	6	6	90
	Major	CIT 3555	RDBMS	5	5	75
	Major	CIT 3657	Computer Graphics and Animation (T+L)	6	6	90
	HVS	HVS XXXX	Human Value Development	4	2	30
	LS	CIT 3259	Tourism and Hospitality Management	3	2	30
TOTAL				**30**	**27**	**405**
6	Major	CIT 3652	Costing – II	6	6	90
	Major	CIT 3654	Income Tax Law and Practice-II	6	6	90
	Major	CIT 3556	Introduction to ERP	5	5	75
	Major	CIT 3658	Creative Editing Tools (T+L)	6	6	90
	EVS	CIT 3200	Environmental Studies	4	2	30
	LS	CIT 3260	Mass Media and Communications	3	2	30
TOTAL				**30**	**27**	**405**

T+L - Theory and Lab

SUPPORTIVE COURSES

SEMESTER	SUBJECT CODE	SUBJECT TITLE	HOURS	CREDIT
1	CIT 1459	Business Economics	5	4
2	CIT 1460	Business Environment	5	4
3	CIT 2461/ MAS XXX	Information Technology / Business Statistics	5	4
4	CIT 2462/ MAS XXX	e-Commerce / Business Mathematics	5	4

NON-MAJOR ELECTIVE COURSES

SEMESTER	SUBJECT CODE	SUBJECT TITLE	HOURS	CREDIT
1	CIT 1261	Office Practices	3	2
2	CIT 1262	Principles of Investment	3	2

LIFE-SKILL COURSES

SEMESTER	SUBJECT CODE	SUBJECT TITLE	HOURS	CREDIT
1	CIT 1263	Consumerism	3	2
2	CIT 1264	Business Organisation	3	2
3	CIT 3259	Tourism and Hospitality Management	3	2
4	CIT 3260	Mass Media and Communications	3	2

CIT 4

CIT 2251 வணிக மேலாண் மே **3 Hrs / 2 Cr**

நோக்கம்

வணிகத்தில் உள்ள பல்மவறு பிரிவுகமள பற்றி விளக்குவமத
இப்பாடத்தின மாக்கோகுமே
வணிக மேலாண் மமேமை பற்றி படிப்பதனமூலமே
மாணவரகளபின் வருவனவற்மற பற்றி ததரி ்துகதகாள் கின்
றனர்

i. வணிகத்மத பற்றியமும், வணிகத்மைின நோக்கங்கள்,
கமுணமோமைசியங்கள் மற்றமும் அமைன பரிமணாம வளர்ச்சி பற்றி
அறிந்து கமகாள்ளமுமல

ii. வணிக அதமப்பின பலமநவறமு வடிவங்களமைன
கமுஉடட்டு பங்கு
ிரமுமங்கள் மற்றமும் பன்னாடட்டு ிருமங்கள்
பற்றி மைரிந்து கமகாள்ளமுமல

iii. உற்பத்மை நமலமோண்தம பற்றியமும் அமைில் உள்ள
உற்பத்மை சோர்கசயல்மமுதறகதளயும் அறிநந்து
கமகாள்ளமுமல

iv. ிமல நமலமோண்தமபற்றியும் நமலும் ஒரு வணிகத்மைில்
ிமல மைிரடட்டமும் மமுதறகதளயமும் அறிந்து கமகாள்ளமுமல

v. பணியமளர்கதள மநர்வமுகசய்யமும் மமுதற
பற்றியமும், அவர்கதள நமலமோண்தம
கசய்யும் நமுட்பத்தை பற்றியமும் அறிந்து கமகாள்ளமுமல

myF 1

tpahghuj;jpd; jd;ikfs; - tiutpyf;fzk; - Nehf;fq;fs; - Fzhjprpaq;fs; - ghpzhktsh;r;rp -
thzpgRw;Wr;#oy; - Ez;zpakw;Wk; Nghpay; Rw;Wr;#oy;.

(9 Hours)

myF 2

tzpfmikg;gpd; tbtq;fs; - $l;Lg;gq;;FepWkk; - tiutpyf;fzk; - rpwg;gpay;Gfs; - Njhw;Wtpg;Gepiyfs;
- Nkyhz;ik - nghJj;Jiwmikg;Gfs; - jd;ikfs; - gd;dhl;LepWkq;fs; - nghUs; - ed;ikfs; kw;Wk; jPikfs;.

(9 Hours)

myF 3

cw;gj;jpNkyhz;ik - njhopw;$lj;jpw;fhd ,lk; - cw;gj;jppl;lkply; kw;Wk; fl;Lg;ghL -
NtiyKd;Ndw;wk; - mstPL - nghUl;fs; Nkyhz;ik - nghUshjhumsTfs;.

(9 Hours)

myF 4

epjpNkyhz;ik - nghUshjhujpl;lk; - epjpKiwfs; - tzfepWWtdhPjpahdepjp - gj;jppure;ij.

(9 Hours)

myF 5

kdpjtsNkyhz;ik - gzpahsh; Njh;T - njhopy;JiwcwTfs; - cw;gj;jpjpwd; kw;Wk; njhopyhsh; eyd;;.

(9 Hours)

Text Book

1. uhjh V,Nkyhz;ikj; jj;Jtq;fs;,gpurd;dh gg;sprH];, jpUty;ypf;Nfzp, nrd;id - 600 005.

Books for reference

1. Lal and Prasad, Principles of Management, S. Chand Publishers, New Delhi, 2015

2. Prasad L M, Principles of Management, S. Chand Publishers, New Delhi, 2016

3. Mamoria C B, Personnel Management, Kitab Mahal, Kolkatta, 2012

4. Gupta C B, Human Resource Management, Sultan Chand, New Delhi, 2014

5. https://www.msuniv.ac.in/Download/Pdf/0f80dc31780649d

Bloom's Taxonomy						
	K1	**K2**	**K3**	**K4**	**K5**	**K6**
CO1		2				
CO2			3			
CO3	1					
CO4					5	
CO5				4		

Mean: 3

CIT 2553   **CORPORATE ACCOUNTING**   **5 Hrs / 5 Cr**

The objective of this course is to give a comprehensive understanding of all aspects relating to corporate accounting and to lay a theoretical foundation for the preparation and presentation of financial statements and to equip the students with the working knowledge of accounting practices in order in order to prepare for CA, CMA, and ACS.

At the end of the course, students will be able to
  i.   Interpret accounting knowledge on the issue and redemption of shares and debentures.
  ii. Ascertain the profits prior to incorporation, underwriting of shares and Rights issue.
  iii. Compile the items of final accounts of a company.
  iv. Evaluate the account for amalgamation, absorption, internal and external reconstruction.
  v.   Integrate the techniques of liquidating the corporate entities in compliance with IFRS.

UNIT I
Company – Meaning– Issues- Types, Forfeiture and reissue of shares – Redemption ofDebentures and Preference shares.   **(15 Hours)**

UNIT II
Profits prior to Incorporation – Underwriting of Shares – Full Underwriting- Partial Underwriting – Firm Underwriting - rights issues – acquisition of Business by a Company.
                                                            (15 Hours)

UNIT III
Final Accounts of Companies – Preparation and presentation of final accounts of companies. Treatment of Reserve and Surplus and Preliminary Expenses-bonus and dividend to shareholders – managerial remuneration- Valuation of goodwill and shares.   **(15 Hours)**

UNIT IV
Amalgamation and Absorption– computation of purchase consideration – types of amalgamation – pooling of Interest method – purchase method – treatment of realization expenses. Alteration of Share capital and Internal Reconstruction.   **(15 Hours)**

UNIT V
 Liquidation – Liquidator's final statement of accounts – Accounting standards 1 - 29. International Financial Reporting system-concepts.   **(15 Hours)**

Text Book:
  1. TS Reddy & Dr.AMurthy, Corporate Accounting, Margham Publications, Chennai, 2019

Books for Reference:
  1. M C Shukla, T S Grewal & S C Gupta, Advanced Accounting I, Sultan Chand &

Sons., NewDelhi,2019
2. Mukerjee and Hanif, Advanced Accounting Vol I, Tata McGraw Hill
   Company Limited, New Delhi,2015
3. S P Iyengar, Advanced Accounting Vol I, S. Chand& Sons, New Delhi,2014
4. S.Kr. Paul, Advanced Accountancy Vol I, Revised edition, Central
   Publishing Company, Kolkatta, 2015

Bloom's Taxonomy						
	K1	**K2**	**K3**	**K4**	**K5**	**K6**
CO1			3			
CO2			3			
CO3				4		
CO4			3			
CO5					5	

Mean: 3.6

CIT 2655   **BUSINESS LAW**   **6 Hrs / 6 Cr**

This paper aims at providing a bird's eye view on various business laws which will facilitate the students in having an understanding of theoretical knowledge of laws governing business.

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

   i.   Interpret the concepts of business law.
  ii.   Determine the basics of performance of contract.
 iii.   Examine the basic frame work of the law relating to Indemnity, Guarantee and Surety.
  iv.   Predict recent amendments, rules, and regulations related to settling industrial disputes with relevant case law.
   v.   Apply the Information Technology Act and Right to Information Act in business.

UNIT I
Mercantile law- Introduction- Contract- Definition – Kinds- Essential elements, Offer- Types- Essentials- Revocation, Acceptance- Essentials and legal rules- Revocation, Consideration – Essentials- "No consideration, no contract"- Exceptions.   **(20 Hours)**

UNIT II
Capacity- Law regarding minor's agreement- Persons of unsound mind- Persons disqualified by law, Freeconsent- Coercion- Undue influence- Misrepresentation- Mistake- Fraud, Performance of contract-Modes of performance, Discharge of contracts- Kinds - Remedies for breach of contracts.   **(20 Hours)**

UNIT III
Contract of Indemnity and Guarantee- Rights of Indemnity holder- Difference between Indemnity and Guarantee- Rights of Surety- Discharge of Surety, Bailment and Pledge- Kinds of bailment- Rights and duties of bailee and bailor- Rights and duties of Pawnee and Pawner.
                  (20 Hours)

UNIT IV
Industrial Disputes Act- Settlement mechanisms- Types of disputes- Offences and penalties- Health, safety and welfare measures of workers under Factories Act.   **(15 Hours)**

UNIT V

Information Technology Act, 2000 – Definition- Digital signature and certificates- Duties of subscriber- Penalties and adjudication, Right to Information Act, 2005 – Origin- Objectives, Features- Process of filling- Challenges.   **(15 Hours)**

Text Book

    1. Kapoor N. D, Elements of Mercantile Law, Sultan Chand & Sons, New Delhi, 2017.

Books for Reference

    1. Rajni Abbi, Bharat Bhushan, Rajiv Kapoor, Elements of Industrial Law, Sultan Chand & Sons, New Delhi, 2019.
    2. Tuteja S.K, Business Law for managers, Sultan Chand & Sons, New Delhi, 2010.
    3. Kuchhal M. C, Mercantile Law, Seventh Edition, Vikas Publishing House Pvt.Ltd., New Delhi, 2018.

| Bloom's Taxonomy | | | | | |
K1	K2	K3	K4	K5	K6
CO1	2				
CO2			4		
CO3			4		
CO4		3			
CO5			4		

Mean: 3.4

CIT 2457   **VISUAL BASIC**   **4 Hrs / 4 Cr**

The main aim of the course is to introduce the students, the basic of visual programming using Visual Basic. The course deals with GUI concepts, various Controls, Menus, Dialog boxes and creating of active X Controls in Visual Basic, which will facilitate students to understand concepts prevailing in corporates.

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

  i.   Illustrate visual basic anatomy and philosophy of VB.
  ii. Apply operators, constants and arrays in VB
  iii. Compile of event-driven program execution flow control in visual basic programming, understand loops to do repetition.
  iv. Devise intrinsic controls for form design
  v.   Develop application using menus and popup menus, understanding of database access and manage databases.

UNIT I
Introduction to Visual Basic- Features of Visual Basic- The Visual Basic Philosophy- The integrated development environment- The anatomy of Form- Project Types   **(10 Hours)**

UNIT II
Dealing with Data- Operators- Variables- Declaring Variables- Types of Variables- Data types- Constant Arrays- Declining Arrays- Specifying Arrays- Multi dimensional Arrays- Dynamic Arrays- Array of arrays   **(10 Hours)**

UNIT III
Writing Code- Collections- Procedures- Subroutines- Functions- Calling Procedures- Creating Classes & Object- I/O statements- Control Flow statements- If Oops concept- Then- if- then- else- Nested Control Statements- Select- Case- Loop Statements- Do-Loop- For – Next- While- Wend- Exit Statement   **(10 Hours)**

UNIT IV
Creating an application using controls: What is on the toolbar -Textbox Control -Picture Box - Image Box -Label Box -Frame -List Box -Option Button -Combo Box Command Button- Check Box -Drive, Directory, File List Controls - Line & Shape Control -Scroll Box - Data –Timer
                                                                                    (15 Hours)

UNIT V
Multiple Document Interface & Menus: Why MDI Forms -Features of an MDI forms - Loading MDI forms & child forms -Creating a simple MDI forms -Accessing MDI forms - Creating menus -Pop-up menus - Data Access Controls: JET database Engine -ADODC - DAO Data Control -ODBC Data Source Administrator –Data Report   **(15 Hours)**
Text Book

  1. Mohammed Azam, Programming with Visual Basic 6.0, Second Edition, Vikas Publication House Pvt Ltd, New Delhi, 2014

Books for Reference

1. Steven Holzner, Visual Basic .NET Black Book, Willey India Pvt., Ltd., New Delhi, 2010

2. Liew Voon Kiong, Visual Basic Made Easy, Tata McGraw Hill, New Delhi, 2013

3. Gary Cornell, Visual Basic 6.0., Mc Graw Hill Publishing Co., Ltd., New Delhi, 2017.

Bloom's Taxonomy						
	K1	**K2**	**K3**	**K4**	**K5**	**K6**
CO1		2				
CO2			3			
CO3					5	
CO4						6
CO5						6

Mean: 4.4

CIT 2459   **DESK TOP PUBLISHING**   **4 Hrs / 4 Cr**

This course is framed to impart basic knowledge on software relating to business and commerce with the rudiments of MS Word, MS Excel, MS PowerPoint.

At the end of the course, students will be able to
  i.   Identify desktop publishing terminology and concepts
  ii. Manipulate text and graphics to implement in desktop publishing
  iii. Appraise word processing features of MS Word
  iv. Apply the features of MS Excel to manipulate data
  v.   create presentations animations using MS Power point

UNIT I
Understanding Technology- Desktop publishing Definition, Basic hardware components needed for desktop publishing and input/output devices, Basic software needed for desktop publishing. Design Principles- Effective use of colour, Colour tables, Fonts Types, clip art and other graphics in publications.   **(15 Hours)**

UNIT II
Digital Imaging- Graphic file formats, Digital image from sources (such as scanner, digital cameras, Internet, etc), Factors that affect quality imaging. Conversion of various graphic file formats. Printing the Documents- Printer/publication for desired output. Uses of basic colour models (e.g., RGB, CMYK, etc.), preprint colour requirements.   **(15 Hours)**

UNIT III
MS-Word- Basics of Word Processing, Understanding Button bars & Workspace, Creating Documents, Simple & Advance Tables, Bulleted & Numbered List, Column Style Documents. Using Graphics with Text, Features for Long Documents, Mail Merge & Macros, Shortcuts to Work Efficiently, Printing Documents   **(10 Hours)**

UNIT IV
MS-Excel- Worksheet Basics, Simple & Advance Tables, Simple Calculation Formulas & Functions, Advance Formulas & Functions, Using Graphs, Pivot Tables & Charts, Consolidating Reports.   **(10 Hours)**

UNIT V
MS-PowerPoint- Presentation Basics, Understanding Button Bars & Workspace, Creating Presentations, Using Animation & Transition Effects, Advance Animation Techniques, Using Hyperlinks, Using Multimedia Contents: Sounds – Videos - Flash, Creating Photo Albums
                              (10 Hours)

Text Book:
1. 1.Vikas Gupta, DTP Course Kit, Dreamtech Press, New Delhi, 2016.

Books for References:
1. Joy L Starks, Microsoft publisher 2013, Cengage Learning, United States, 2014.
2. Kalpesh Patel, D.T.P (Desktop Publishing) Hand Book, Computer World Publication, Gujarat, 2012
3. Dorothy House, Microsoft Word, Excel and PowerPoint, Outskirts Press, Colorado,2015.

Bloom's Taxonomy						
	K1	**K2**	**K3**	**K4**	**K5**	**K6**
CO1	1					
CO2		2				
CO3					5	
CO4			3			
CO5						6

Mean= 3.4

CIT 2461 **INFORMATION TECHNOLOGY** **5 Hrs / 4 Cr**

This course equips the students to compete in the present world. It includes introduction to computers, the architecture-hardware and software, telecommunication networking and cyber laws. It will be a breakthrough course for the current business world.

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

i. Describe the growth of latest computer devices and technologies
ii. Outline the computer languages, software and operating systems
iii. Prepare documents, spreadsheet and presentations using office productivity tools
iv. Integrate technical hardware and software including network, database and security components.
v. Evaluate Enterprise Resource Planning, Core banking System and Management Information System.

UNIT I
Evolution of computers - Classification of digital computer systems – Anatomy of a digital computer – Memory units – Auxiliary storage devices – Input devices – Output devices- Overview of latest devices – Technologies – Bluetooth, Wi-Fi, NFC, Touchpad, iPad, iPod, Laptop, Notebook, Multimedia mobiles, Smart Phone. **(15 Hours)**

UNIT II
Generation of computer languages – Programming Languages – Computer Software – Types of software – System software, Utility Software – Operating Systems – Components of OS – MSDOS, Windows, Linux, Ubuntu, Mac, IOS, Android. **(15 Hours)**

UNIT III
Office Automation –Office Productivity tools – MS Office – Working with Word Document, Spread Sheet – Preparation of Spread Sheets in Excel – Power Point Presentation – Creation of Slides. **(15 Hours)**

UNIT IV
Network Topology – Components – Telecommunication Networks - Data networks– Data Warehouses – LAN, WAN, Wireless, Private and Public networks – Internet architecture – Internet Securities. **(15 Hours)**

UNIT V
ERP, Core Banking System – MIS, Emerging concepts – Grid Computing, Cloud Computing, Cloud delivery model. E-commerce and M-commerce technologies - Cyber Law - Information Technology Act, 2000. **(15 Hours)**

Text Book

1. Justin Manohar J, Dr. Antony Mary Vinothini C & Beulah R, Study Module on Information Technology and E-Commerce, Department of Commerce, The American College, 2020

Books for Reference

1. Rajaraman V, Introduction to Information Technology, PHI Learning, Delhi, 2018
2. Richard Fox, Information Technology, Chapman and Hall, Florida, 2015
3. Andrew S Tanenbaum & Albert S Woodhull, Operating Systems Design and Implementation, Second Edition Prentice Hall India, New Delhi, 2014
4. Alexis Leon &Mathews Leon, Fundamentals of Information Technology, Second Edition Vikas Publishing, New Delhi, 2014

Bloom's Taxonomy						
	K1	**K2**	**K3**	**K4**	**K5**	**K6**
CO1		2				
CO2				4		
CO3				4		
CO4			3			
CO5				4		

Mean: 3.4

CIT 2252   **Nkyhz;ikj; jj;Jtq;fs;**   **3 Hrs / 2 Cr**

Nehf;fk; :
Nkyhz;ikj; jj;Jtq;fis gbg;gjd; *yk; khztHfs; Nkyhz;ikapd; nghUs;, Nkyhz;ikapd; Kf;fpaj;Jtk,; gzpfs;, Nfhl;ghLfs;, epiyfs; kw;Wk; Nkyhz;ikapd; ,ay;igAk; rpwg;Gj jd;ikfisAk; mwpe;J nfhs;s KbAk;.

Nkyhz;ikj; jj;Jtq;fis gbg;gjd; %yk; khztHfs; fPo;f;fz;ltw;iw njhpe;J nfhs;fpd;wdH.

i.   Nkyhz;ik gw;wpAk; mjd; jd;ikfs; Kf;fpaj;Jtk; gw;wpAk; fw;Wf; nfhs;fpd;wdH. NkYk; Nkyhz;ikapy; cs;s gzpfs; Nfhl;ghLfs; gw;wpAk; mwpe;J nfhs;fpd;wdH.

ii.   Jpl;lkpLjy; gw;wpAk; mtw;wpy; cs;s tiffis gw;wpAk; NkYk; mjd; ed;ik jPikfis gw;wpAk; fw;Wf; nfhs;fpd;wdH. NkYk; jpl;lkpLjypd; Kf;fpa $Wfs; gw;wpAk; mtw;wpd; ,ay;Gfs; gw;wpAk; mwpe;J nfhs;fpd;wdH.

iii.   xOq;fikj;jy; gw;wpAk; mjd; ,ay;Gfs; Nfhl;ghLfs; ed;ikfs; kw;Wk; mjpy; cs;s ed;ikfs; Nfhl;ghLfs; kw;Wk; gbepiyfis mwpe;J nfhs;fpd;wdH.

iv.   ,af;Fjy; kw;Wk; fl;Lg;gLj;Jjy; gw;wpAk; NkYk; mjpy; cs;s Kf;fpa $Wfs; jj;Jtf; eilKiwfs; ed;ikfs; kw;Wk; jPikfis mwpe;J nfhs;fpd;wdH.

v.   nray; Cf;Ftpj;jy; gw;wpAk; NkYk; mjd; rpwg;gpay;Gfs; gw;wpAk; njhpe;J nfhs;fpd;wdH. NkYk; jfty; eilKiw gw;wpAk; mjd; ed;ikfs; jPikfis gw;wpAk; jilfis milfisAk; gw;wpAk; mwpe;J nfhs;fpd;wdH.

myF 1
Nkyhz;ik - mwpKfk; - Njhw;wk;; - Nkyhz;ik nghUs; - ,yf;fzk; - rpwg;Gj jd;ikfs; - Kf;fpaj;Jtk; - epiyfs; - gzpfs; - Nfhl;ghLfs; - epHthfk; kw;Wk; Nkyhz;ikf;fhd NtWghLfs;.

                               (9 Hours)

myF 2
jpl;;lkpLjy; - nghUs; - tiutpyf;fzk; - - ,ay;G - ed;ikfs; kw;Wk; Kf;fpaj;Jtk; - FiwghLfs;- eilKiw/ gbepiyfs; - jpl;lj;jpd; nray; $Wfs; - jpl;lkpLjypd; tiffs; - Kbntlj;jy; - nghUs; - tiutpyf;fzk; - ,ay;Gfs; - tiffs;- eilKiw / gbepiyfs; - ed;ikfs; - FiwghLfs;.

                               (9 Hours)

myF 3
xOq;fikg;G - nghUs; - tiutpyf;fzk; - ,ay;Gfs; - Nfhl;ghLfs; - ed;ikfs; - gbepiyfs;/ eilKiw xOq;fikg;gpd; tiffs; - Kiwahd xOq;fikg;Gf;Fk; Kiwaw;w xOq;fikg;Gf;Fk; cs;s NtWghLfs; - mjpfhu xg;gilj;jy; - nghUs; - tiutpyf;fzk; - jd;ikfs;- eilKiwfs; / gbepiyfs;- Nfhl;ghLfs; - ed;ikfs;- FiwghLfs;.

                            (9 Hours)

myF 4

,af;Fjy; -nghUs; - tiutpyf;fzk;- $Wfs; - jj;Jtq;fs; - jd;ikfs;- Kf;fpaj;Jtk; - ,af;Fjypd; topfs;. fl;Lg;gLj;Jjy;- nghUs; - tiutpyf;fzk; - rpwg;gpay;Gfs; - eilKiw- ed;ikfs;- fl;Lg;gLj;Jjypy; vOk; gpur;ridfs;.

(9 Hours)

myF 5

nray; Cf;fspj;jy; - nghUs; -tiutpyf;fzk; - rpwg;gpay;Gfs; - jfty; eilKiw - ed;ikfs;- tiffs; - jfty; njhlHgpd; jilfs; - jfty; njhlHgpd; jilfis mfw;Wk; Kaw;rpfs; - nray; Cf;fspj;jy; - nghUs; - rpwg;gpay;Gfs; - eilKiwfs; - Kf;fpaj;Jtk; - Nfhl;ghLfs;.   **(9 Hours)**

TEXT BOOK

1. uhjh V,Nkyhz;ikj; jj;Jtq;fs;,,gpurd;dh gg;sprH],;, jpUty;ypf;Nfzp , nrd;id - 600 005.

Books for Reference

1. Lal and Prasad, Principles of Management, S. Chand Publishers, New Delhi, 2015

2. Prasad L M, Principles of Management, S. Chand Publishers, New Delhi, 2016

3. Mamoria C B, Personnel Management, Kitab Mahal, Kolkatta, 2012

4. Gupta C B, Human Resource Management, Sultan Chand, New Delhi, 2014

Bloom's Taxonomy						
	K1	**K2**	**K3**	**K4**	**K5**	**K6**
CO1		2				
CO2			3			
CO3	1					
CO4					5	
CO5				4		

Mean : 3

CIT 2554   MANAGEMENT ACCOUNTING AND FINANCIAL CONTROL   5Hrs/5Cr

To enable the students to acquire knowledge of the Management Accounting Principles and Practices and familiarize them with the techniques of taking various financial decisions.

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

i.   Identify basics of management accounting and the statements Prepared.
ii. Interpret the results of the accounting statements with the help of management accounting tools.
iii. Recognize the right meaning of fund and know the importance of funds in a business.
iv. Calculate the amount of working capital needed in a company in accordance with the nature of business.
v.   Determine the optimum capital structure that a company should have.

UNIT I

Introduction: Evolution, Meaning, Objectives and Scope – Tools and Techniques of Management Accounting – Relationship of Cost Accounting, Financial Accounting, Management Accounting and Financial Management – Role of Management Accountant in Decision Making. Analysis and Interpretation of Financial Statements – Nature, Attributes, Objectives, Importance, Limitations – Comparative and Common-size statements. **(8 Hours)**

UNIT II

– Ratio Analysis: Meaning – Uses, Classification, Advantages, Limitations – Problems on Ratio Analysis (Simple problems only).   **(17 Hours)**

UNIT III

Cash Flow Statement – Fund Flow Statement – Difference between Cash Flow and Fund Flow Statement – Management Reporting – Problems on Cash Flow Statement (only). **(17 Hours)**

UNIT IV

Capital structure - Factors determining capital structure - theories of capital structure – Net Income approach, Net Operating Income approach, Traditional approach and Modigliani and Miller approach - application of theoretical concepts   **(16 Hours)**

UNIT V

Dividend Policies – Meaning – Types of dividend - Relevance and irrelevance approaches – Walter's Model, Gordon's model and MM Hypothesis.   **(17 Hours)**

Text Book

1. S.N.Maheswari,Management Accounting and Financial Control, Sultan Chand & sons, New Delhi,2015

Books for Reference

1. Dr. A. Murthy, Financial Management, Margham Publications, Chennai, 2016

2. Prof.T.S.Reddy and Dr.Y.Hariprasad Reddy , Management accounting , Margham Publications, Chennai, 2018.

Bloom's Taxonomy						
	K1	**K2**	**K3**	**K4**	**K5**	**K6**
CO1		2				
CO2				4		
CO3					5	
CO4				4		
CO5						6

Mean: 4.2

CIT 2656   **CORPORATE LAW**   **6 Hrs / 6 Cr**

The objective of this course is to help the students to understand the basic laws related with company and to impart the knowledge of various provisions of the Companies Act.

At the end of the course, students will be able to
  i.   Apply the principles of corporate law in a rigorous and principled manner in a company.
  ii.   Understand the use of the memorandum of association and article of association in a Company
  iii. Prepare the prospectus of a company as per the legal requirements.
  iv.   Identify the appropriate modes of acquisition and terminations of membership in a company.
  v.   Understand the general objects, purposes and conduct of meetings in a company.

UNIT I
Company – Nature, scope, Meaning, Definition and characteristics of company – Formation and Incorporation - Kinds of companies - Merits and Demerits of Incorporation of company - Lifting the corporate veil. Salomon Vs Salomon & Co.   **(15 Hours)**

UNIT II
Memorandum of Association - Meaning, Purpose, Contents., Alteration ofMOA, Doctrine of Ultra vires. Articles of Association - Meaning Purpose, Content. Alternation of AOA, Doctrine of Indoor Management, Doctrine of Constructive Notice.   **(20 Hours)**

UNIT III
Introduction - Legal requirement of Prospectus- Misstatement in Prospectus - Liability for misstatement in Prospectus- Civil& Criminal Liabilities- Types of Prospectus-Abridged Prospectus, Deemed Prospectus, Shelf Prospectus, Red Herring Prospectus- Shares - Meaning, Types of Shares - Transfer of shares - Transmission of Shares- Comparison between transfer & Transmission Of shares- Share Capital, Meaning, Kinds, Alternation, - Voting Rights – Debenture, meaning, types, redemption on debentures   **(20 Hours)**

UNIT IV
Company Management – Structure of Management – Appointment, Retirement, Qualifications, Remuneration, Powers & Duties of Shareholders – Board of Directors – Managing Directors – Other Executives - Members - Modes of acquisition of membership in a company- Eligibility- Rights and Liabilities of Members -. Shareholder Vs Member- Modes of termination of Membership in a company- Register of members-- Dividend - Rules as to Payment of Dividend   **(15 Hours)**

UNIT V

Meetings - general objects and purposes of meetings -kinds of company meetings – statutory meeting - Statutory Report – annual general meeting –Extraordinary General Meeting-Requisites of valid meeting – Winding up- Modes of Winding up-Grounds of Winding Up-Petition for Winding Up-Consequences of Winding Up order-Official Liquidator-Powers & Duties of Official Liquidator. **(20 Hours)**

Text Book

1. NDKapoor, Elements of Company Law, Sultan Chand & Sons, New Delhi, 2016

Books for Reference

1. Dr.SK Tuteja, Business Law for managers, Sultan Chand & Sons, New Delhi, 2006
2. GK Kapoor, Lectures on Business & Corporate Laws, Sultan Chand & Sons, New Delhi, 2005
3. M C Kuchhal, Mercantile Law, Vikas Publishing House Pvt.Ltd., New Delhi, 2004.
4. Praveen, Suggested Answers in Mercantile Law, Sultan Chand & Sons, New Delhi, 2005.

Bloom's Taxonomy						
	K1	**K2**	**K3**	**K4**	**K5**	**K6**
CO1		2				
CO2				4		
CO3				4		
CO4			3			
CO5				4		

Mean: 3.4

CIT 2458 **PROGRAMMING IN C++ (T+L)** **4 Hrs / 4 Cr**

This course aims to equip students with good understanding about the concept of object-oriented programming using C++, and enable them to write and read basic C++ code. The course serves as a platform to gain knowledge related to commercial applications.

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

- i. Become familiar with the features of the language c++.
- ii. Compare the usage of Pointers, Arrays and structures and write programs using them.
- iii. Create programs using functions, macros and namespace
- iv. Appraise files, special functions and memory management
- v. Build applications using Operator overloading and class hierarchy.

UNIT I
Introduction: Introduction to Flowchart – Algorithms – Introduction to C language, what is C++? Why C? and C++, Exception Handling, Object Oriented Programming, Standard Template Library, Types and declarations – Types – Booleans - Integer Types – Floating-Point Types, Sizes, Void, Enumerations, Declarations **(15 Hours)**

UNIT II
Pointers, Arrays and Structures: Pointers – Arrays - Pointers into Arrays – Constants – References–Pointers To void – Structures, Expressions and Statements: A Deck Calculator, Operator Summary, Statement Summary, Comments and Indentation **(10 Hours)**

UNIT III
Functions: Function Declarations, Argument Passing, Value Return, Overloaded Function Names, Default Arguments, Pointer to Function, Macros, Namespaces and Exceptions: Namespaces–Exceptions **(10 Hours)**

UNIT IV
Source Files and Programs: Separate Compilation, Linkage, Using Header Files, Programs, Classes - Access Control, Constructors, Member functions, Static members, Destructors, Memory allocation, Member initialization **(10 Hours)**

UNIT V
Operator overloading: Introduction, Operator Functions, A Complete Number Type, Conversion Operators, Friends, Large Objects, Essential Operators, Subscripting, Functions Calls, Dereferencing, Increment and Decrement, A String Class, Derived class, Abstract Classes, Design of Class Hierarchies, Class Hierarchies and Abstract Classes **(15 Hours)**

Text Book

1. Herbert Schildt, The Complete Reference C ++, McGraw Hill Publication, New Delhi, 2017

Books for Reference

1. Walter Savitch, Kenrick Mock, Problem Solving with C++, Pearson Education, Chennai, 2017
2. Bjarne Stroustrup, The C++Programming Language, Revised Edition, Pearson Education India, Chennai, 2012
3. Scott Meyers, Effective Modern C++: 42 Specific Ways to Improve Your Use of C++11 and C++14, O'Reilly Publications, 2014.

Bloom's Taxonomy						
	K1	**K2**	**K3**	**K4**	**K5**	**K6**
CO1	1					
CO2		2				
CO3			3			
CO4				4		
CO5						6

Mean= 3.2

CIT 2460   **WEB DESIGNING (T+L)**   **4 Hrs / 4 Cr**

This course facilitates the students to understand the fundamentals of web designing and to conceptualise creative ideas for building websites.

 At the end of the course, students will be able to
  i.   Become familiar with the basics of Internet and web server
  ii.   Understand the features of HTML and create a web page
  iii. Use text formatting, include tables, images to a html page
  iv.   Construct web pages with division/layers, frames.
  v.   Design web pages with forms, hyperlinks and using style sheet

UNIT I

Basics of Internet- Web Server, Web sites- Web browsers Elements of website- Operations on web pages, History of the Internet- Connecting to the Internet- Internet Service Providers- DNS Servers- Connection Types- Various Devices used for Internet Connectivity- Data Security and Fire walls - Down loading and sending mails – Static and dynamic web pages.

(10 Hours)

UNIT II

Hyper Text- HTML Document features- Documents structuring tags in HTML- Lining your way around the Web- Publishing hour HTML document- Understanding the HTML document life cycle- Site design and Navigation- Planning and Designing Your Web Pages, Web Publishing- Basic HTML Concepts -HTML: Structured Language -Overview of HTML - Web Browser -WWW -Web Server - HTML -HEAD -TITLE -BODY -Paragraphs -Lists

(15 Hours)

UNIT III

Formatted and Unformatted Text -Extended Quotations -Address -Horizontal Rules - Hyperlink -Font (Size, Colour) -Image (Add, Alignments) -Table -Cell Spacing / Cell Padding -Frame Set-Form Designing Web Pages: Working with text -Inserting Images - Web Graphic Format GIF, JPEG, PNG -Inline Images -Background images   **(10 Hours)**

UNIT IV

Banner Ads -Rollover Images -Establishing Web Links -Understanding URLs -Adding an E-Mail Link -Navigating with Anchors Working with Divs and Layers -Placing <div> tags - Creating Layers -Modifying a Layer- Creating Lists -Unordered Lists -Ordered Lists - Definition Lists -Nested Lists, Tables, Frames and Framesets: HTML Table Fundamentals

(15 Hours)

UNIT V

Creating forms, lists and Menus - Activating forms with buttons - Using Hidden fields and File fields - Frames and Framesets Basics -Creating a Framesets and Frames -Adding more frames -Modifying a frame -Targeting Frame Contents, CSS cascading Style sheets- Using the style Attribute- Creating Classes and IDs- Generating Inline- Internal and External Style Sheets.   **(10 Hours)**

Text Book

1. Raj Kamal, Internet and Web Technologies, Mc-Graw Hill Education, New Delhi, 2017

Books for Reference

1. Randy Connolly, Ricardo Hoar, Fundamentals of Web Development, Pearson, Chennai, 2016
2. Thomas A Powell, HTML: The Complete Reference, McGraw-Hill Osborne Media, California, 2000
3. Monica D' Souza & Jude D' Souza, Web Publishing, Tata McGraw-Hill Publishing, 2001

Bloom's Taxonomy						
	K1	**K2**	**K3**	**K4**	**K5**	**K6**
CO1	1					
CO2		2				
CO3			3	4		
CO4						
CO5						6

Mean: 3

CIT 2462   **E-COMMERCE**   **5 Hrs / 4 Cr**

This course makes the student familiar with the mechanism of conducting business transactions through electronic media, understand the methodology of online business dealings using e-commerce infrastructure.

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

   i.   Describe the growth of e-commerce.
   ii.   Examine the various e-commerce models.
   iii.   Demonstrate the role of internet in e-commerce.
   iv.   Apply e-payment systems and web marketing.
   v.   Determine internet security, maintaining secure information, digital signatures and firewalls.

UNIT I
Introduction to E-Commerce- Features and functions of e-commerce- e-commerce practices viz. traditional practices- Scope and limitations of e-commerce- e-commerce security- Benefits- Impact of e-Commerce- State of e-commerce in India- Problems and opportunities in ecommerce in India- Legal issues- Future of e-commerce. **(15 Hours)**

UNIT II
Classification of E-Commerce- Framework of e-Commerce, e-Commerce Business Models - Business to Business, Business to Customer, Customer to Customer. EDI- Process - Components - Benefits. Service provider- e-distributor- Procurement and Just-in-Time delivery **(15 Hours)**

UNIT III
Internet and its role in e-commerce- Procedure of registering Internet domain, Establishing connectivity to Internet- Tools and services of Internet, Procedure of opening e-mail accounts on internet. **(15 Hours)**

UNIT IV
Transactions through Internet- Requirements of e-payment systems- Functioning of debit and credit cards- Pre and post payment services, Marketing on the web- Marketing strategies- Creating web presence- Advertising- Customer service and support- Web branding strategies- Web selling models- Online booking systems- Online booking procedure of railways, airlines, tourist and religious places, hotels and entertainment industry **(15 Hours)**

UNIT V
Setting up Internet security- Maintaining secure information- Digital signature and their security measures- Authenticity- Privacy- Integrity- Non-repudiation- Encryption, Secret key cryptography- Public key cryptography, SET, SSL, Firewalls **(15 Hours)**

Text Book
1. Justin Manohar J, Dr. Antony Mary Vinothini C & Beulah R, Study Module on Information Technology and E-Commerce, Department of Commerce, The American College, 2020

Books for Reference:
1. Joseph P. T, E-Commerce: An Indian Perspective, Prentice Hall India, New Delhi, 2019.
2. Bharat Bhasker, Electronic Commerce: Framework, technologies and Applications, Tata McGraw Hill, New Delhi, 2008
3. Dave Chaffey, Digital Business and E- Commerce Management, Pearson Education Limited, Delhi, 2015
4. David Whiteley, E-Commerce: Strategy, Technologies and Applications, Tata McGraw Hill, New Delhi, 2017

Bloom's Taxonomy						
	K1	**K2**	**K3**	**K4**	**K5**	**K6**
CO1		2				
CO2				4		
CO3				4		
CO4						6
CO5			3			

Mean: 3.8