



**RANI CHANNAMMA UNIVERSITY,
BELAGAVI**

Accredited by NAAC with B+ Grade - 2021

Syllabus

of

BACHELOR OF COMMERCE

5th and 6th Semesters

w.e.f.

Academic Year 2023-24

A. Scheme of Teaching & Evaluation for B.Com.

Semester V								
Sl. No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L+T+P)	SEE	CIE	Total Marks	Credits
36	COM5.1	Financial Management	DSC-13	3+0+2	60	40	100	4
37	COM5.2	Income Tax Law and Practice-I	DSC-14	3+0+2	60	40	100	4
38	COM5.3	Principles and Practice of Auditing	DSC-15	4+0+0	60	40	100	4
39	COM5.4	Elective1	DSE-1	3+0+0	60	40	100	3
40	COM5.5	Elective2	DSE-2	3+0+0	60	40	100	3
41	COM5.6	A. GST-Law & Practice B. Digital Marketing	Vocational-1 Anyone to be chosen	2+0+2	50	50	100	3
42	COM5.7	Cyber Security	SEC- SB	2+0+2	50	50	100	3
Sub–Total(D)					400	300	700	24

Elective Groups and Courses:

Discipline Specific Electives–V Semester (5.4/5.5)										
Sl. No	Course Code	Accounting	Course Code	Finance	Course Code	Marketing	Course Code	Human Resources	Course Code	Information Systems
1	A 1	Indian Accounting Standards-I	F1	Financial Institutions And Markets	M1	Retail Management	H1	Human Resources Development	I1	Basics of Business Analytics

Note:

- Under DSE, Dual Specialization to be offered, students should choose two elective groups from the above elective groups. Same elective groups should be continued in the 6th Semester also.

Semester VI									
Sl. No.	Course Code	Title of the Course	Category of Courses	Teaching Hours Per Week (L+T +P)	SEE	CIE	Total Marks	Credits	
43	COM6.1	Advanced Financial Management	DSC-16	3+0+2	60	40	100	4	
44	COM6.2	Income Tax Law and Practice-II	DSC-17	3+0+2	60	40	100	4	
45	COM6.3	Management Accounting	DSC-18	3+0+2	60	40	100	4	
46	COM6.4	Elective1	DSE-3	3+0+0	60	40	100	3	
47	COM6.5	Elective2	DSE4-	3+0+0	60	40	100	3	
48	COM 6.6	A. Assessment of persons other than-Individuals & Filing of ITRs B. E- Commerce	Vocational-2 Anyone to be chosen	2+0+2	50	50	100	3	
49	COM6.7	Internship / Project	I-1	4 to 5weeks		100	100	3	
Sub–Total(D)						350	350	700	24

Elective Groups and Courses:

Discipline Specific Electives–VI Semester(6.4/6.5)										
Sl. No.	Course Code	Accounting	Course Code	Finance	Course Code	Marketing	Course Code	Human Resources	Course Code	Information Systems
1	A2	IndianAccountingStandards-2	F2	Investment Management	M2	Customer Relationship Management	H2	Cultural Diversity at Work Place	I2	HR Analytics

Note:

1. Under DSE, Dual Specialization to be offered, students should choose two elective groups from the above elective groups. Same elective groups should be continued in the 6th Semester also.
2. The students shall undergo 4 to 5 weeks of internship programme in any business organization immediately after completion of 5th Semester Examination but before the commencement of 6th Semester classes. Or students shall undertake a project work on any organization and submit a project report. There will be project viva for 20 marks & 80 marks for project report. The evaluation of the project reports may be done at the respective colleges.

Name of the Program: Bachelor of Commerce (B.Com.) Course Code: COM.5.1 Name of the Course: Financial Management		
Course Credits	No. of Hours per Week	Total No. of Teaching Hours
4Credits	4Hrs	60Hrs
Pedagogy: Classrooms lecture, Case studies, Tutorial Classes, Group discussion, Seminar & fieldwork etc.,		
Course Outcomes: On successful completion of the course, the students 'will be able to <ol style="list-style-type: none"> Understand the role of financial managers effectively in an organization. Apply the compounding & discounting techniques for time value of money. Take investment decision with appropriate capital budgeting techniques for investment proposals. Understand the factors influencing the capital structure of an organization. Estimate the working capital requirement for the smooth running of the business 		
Syllabus:		Hours
ModuleNo.1:Introduction to Financial Management		12
Introduction–Meaning of Finance, Finance Function, Objectives of Finance function, Organization of Finance function -Meaning and definition of Financial Management; Goals of Financial Management, Scope of Financial Management, Functions of Financial Management, Role of Finance Manager in India. Financial planning-- Meaning –Need – Importance -Steps in financial Planning–Principles of a sound financial plan and Factors affecting financial plan.		
ModuleNo.2:Time Value of Money		10
Introduction – Meaning of time value of money-time preference of money- Techniques of time value of money: Compounding Technique-Future value of Single flow, Multiple flow and Annuity- Discounting Technique-Present value of Single flow, Multiple flow–and Annuity. Doubling Period-Rule 69and 72.		
ModuleNo.3:Financing Decision		14
Introduction-Meaning and Definition of Capital Structure, Factors determining the Capital Structure, Concept of Optimum Capital Structure, EBIT-EPS Analysis- Problems. Leverages: Meaning and Definition, Types of Leverages-Operating Leverage, Financial Leverage and Combined Leverages. Problems.		
ModuleNo.4:Investment Decision		12
Introduction-Meaning and Definition of Capital Budgeting, Features, Significance – Steps in Capital Budgeting Process. Techniques of Capital budgeting: Traditional Methods – Pay Back Period, and Accounting Rate of Return – DCF Methods: Net Present Value Internal Rate of Return and Profitability Index-Problems		

Module5: Working Capital Management**12**

Introduction-Meaning and Definition, types of working capital, Operating cycle, Determinants of working capital needs – Estimation of working capital requirements. Dangers of excess and inadequate working capital, Merits of adequate working capital, Sources of working capital. Cash Management, Receivable Management, and Inventory Management (Concepts only).

Skill Development Activities:

1. Visit the Finance Department of any organization and collect and record the Functions and Responsibilities of Finance Manager.
2. As a finance manager of a company advise the management in designing an appropriate Capital Structure.
3. Evaluate a capital investment proposal by using NPV method with imaginary figures.
4. Illustrate with imaginary figures the compounding and discounting techniques of time value of money.
5. Estimate working capital requirement so fan organization with imaginary figures.
6. Any other activities, which are relevant to the course.

Books for reference:

1. IM Pandey, Financial management, Vikas publications, New Delhi.
2. Abrish Guptha, Financial management, Pearson.
3. Khan & Jain, Basic Financial Management, TMH, New Delhi.
4. SNMaheshwari, Principles of Financial Management, Sulthan Chand & Sons, New Delhi.
5. Chandra & Chandra D Bose, Fundamentals of Financial Management, PHI, New Delhi.
6. B. Mariyappa, Financial Management, Himalaya Publishing House, New Delhi.
7. Ravi M Kishore, Financial Management, Taxman Publications
8. Prasanna Chandra, Financial Management, Theory and Practice, Tata McGraw Hill.

Note: Latest edition of books may be used.

Name of the Program: Bachelor of Commerce (B.Com.) Course Code: COM5.2 Name of the Course: Income Tax Law and Practice–I		
Course Credits	No. of Hours per Week	Total No. of Teaching Hours
4Credits	4Hrs	60Hrs
Pedagogy: Classrooms lecture, Case studies, Tutorial classes, Group discussion, Seminar & fieldwork etc.,		
Course Outcomes: On successful completion of the course, the students will be able to <ol style="list-style-type: none"> Comprehend the procedure for computation of Total Income and tax liability of an individual. Understand the provisions for determining the residential status of an Individual. Comprehend the meaning of Salary, Perquisites, and Profit in lieu of salary, allowances and various retirement benefits. Compute the income house property for different categories of house property. Comprehend TDS & advances tax Ruling and identify the various deductions under section 80. 		
Syllabus:		Hours
Module No.1: Basic Concepts of Income Tax		12
Introduction –Meaning of tax-, types of taxes, cannons of taxation. Brief history of Indian Income Tax, legal framework of taxation, Important definitions, assessment, assessment year, previous year including exceptions, assesses, person, income, casual income, Gross total income, Total income, Agricultural income, scheme of taxation,– Exempted incomes of individuals under section 10 of the Income Tax Act, 1961.		
Module No.2: Residential Status and Incidence of Tax		10
Introduction – Residential status of an individual. Determination of residential status of an individual. Incidence of tax or Scope of Total income. Problems on computation of Gross total Income of an individual.		
Module No.3: Income from Salary		18
Introduction - Meaning of Salary -Basis of charge Definitions–Salary, Perquisites and profits in lieu of salary - Provident Fund –Transferred balance. - Retirement Benefits – Gratuity, pension and Leave salary. Deductions and Problems on Computation of Taxable Salary.		
Module No.4: Income from House Property		10
Introduction - Basis for charge - Deemed owners -House property incomes exempt from tax, composite rent and unrealized rent. Annual Value–Determination of Annual Value -Deductions from Annual Value- Problems on Computation of Income from House Property.		
Module No.5: Tax Deduction at Sources & Advance Tax Ruling		10

Introduction-Meaning of TDS- Provisions regarding TDS- TDS to be made from Salaries
- Filing of Quarterly statement – Theory and Problems; Advance Tax: Meaning of advance tax -
Computation of advance tax - Installment of advance tax and due dates. **Deductions** under Sections
80C, 80CCC, 80CCD, 80CCG, 80D, 80DD, 80DDB, 80E, 80G, 80GG, 80TTA and 80Uas
Applicable to Individuals.

Skill Developments Activities:

1. Prepare a slab rates chart for different Individual assesses.
2. Visit any Chartered Accountants office, collect and record the procedure involved in filing the Income tax returns of an Individual.
3. List out any 10 Incomes exempt from tax under section 10 of an Individual.
4. Prepare the chart of perquisites received by an employee in an organization.
5. Identify and collect various enclosures pertaining to Income tax returns of an individual
6. Any other activities, which are relevant to the course.

Books for Reference:

1. Mehrotra H. C and T.S.Goyal, Direct taxes, Sahitya Bhavan Publication, Agra.
2. Vinod K.Singhania, Direct Taxes, Taxman Publication Private Ltd, New Delhi.
3. Gaur and Narang, Law and practice of Income Tax, Kalyani Publications, Ludhiana.
4. Bhagawathi Prasad, Direct Taxes.
5. B.Mariyappa, Income tax Law and Practice-I, Himalaya Publishing House, New Delhi.
6. Dr.Saha, Law and Practice of Income Tax, Himalaya Publishing House.

Note: Latest edition of text books may be used.

Name of the Program: Bachelor of Commerce (B.Com.) Course Code: COM5.3 Name of the Course: Principles and Practice of Auditing		
Course Credits	No. of Hours per Week	Total No. of Teaching Hours
4 Credits	4Hrs	60Hrs
Pedagogy: Classrooms lecture, Case studies, Group discussion, Seminar & field work etc.,		
Course Outcomes: On successful completion of the course, the students 'will be able to <ol style="list-style-type: none"> a) Understand the conceptual framework of auditing. b) Examine the risk assessment and internal control in auditing c) Comprehend the relevance of IT in audit and audit sampling or testing. d) Examine the company audit and the procedure involved in the audit of different entities. e) Gain knowledge on different aspect of audit reporting and conceptual framework applicable on professional accountants. 		
Syllabus:		Hours
ModuleNo.1:Introduction to Auditing		10
Introduction – Meaning and Definition – Objectives– Types of Audit– Merits and Demerits of Auditing – Relationship of audit with other disciplines. Preparation before commencement of new audit - Working Papers -Audit Note Book, Audit Programme Qualities of an Auditor – Auditplanning–Auditstrategy—AuditEngagement-AuditDocumentation-AuditEvidence– Written Representation.		
Module No.2:Risk Assessment and Internal Control		12
Introduction–Audit risk–Assessment of risk–Internal Control–Meaning and objectives–Internal check- Meaning, objectives and fundamental Principles. Internal check with regards to wage payment, cash sales, and cash purchases.		
Module No.3: Verification and Valuation of Assets and Liabilities		12
Meaning and objectives of verification and valuation – Position of an auditor as regards the valuation of assets- Verification and Valuation of different items of Assets- Land and Building,PlantandMachinery,Goodwill,Investments,StockinTrade.Liabilities-Bills payable,Sundry Creditors and Contingent liabilities.		
ModuleNo.4: Company Audit and Audit of other Entities		13
Company Auditor: appointment, Qualification, powers, duties and liabilities, professional ethics of an auditor. Other Entities: Audit Procedure of NGOs - Charitable institutions – Educational institutions–Government–Local Bodies–Cooperative societies–hotels–hospitals–clubs & Banks.		
Module5: Audit Report & Professional Ethics		13
Introduction–Meaning–Elements of audit report–Types of audit report-Independent Auditor’s report and the illustration; Professional Ethics: Code of Ethics-Professional Accountants in Public practices and business–Fundamental Principles of Professional Ethics.		

Skill Development Activities:

1. Design and develop an audit plan program for a joint stock company
2. List the various documents necessary to be verified in the audit process
3. Draft an audit report (qualified or clean)with imaginary data.
4. Visit an audit firm; write about the procedure followed by them in auditing the books of accounts of a firm.
5. Record the verification procedure with respect to any one fixed asset.
6. Draft an audit program.
7. Any other activities, which are relevant to the course.

Books for Reference:

1. ICAI Study Materials on Auditing and Assurance
2. B.N.Tandon, Principles of Auditing, S.Chandand Company, NewDelhi.
3. T.R.Sharma, Auditing Principles and Problems, Sahitya Bhawan, Agra.
4. J.M.Manjunatha and others, Auditing and Assurance, HPH.
5. GuptaKarnal, Contemporary Auditing, TataMc.Graw-Hill, NewDelhi.
6. R.G.Saxena, Principles of Auditing.

Note: Latest edition of books may be used.

Name of the Programme: Bachelor of Commerce (B.Com) Course Code: COM A1 Name of the Course: Indian Accounting Standards -I		
Course Credits	No. of Hours per Week	Total No of Teaching Hours
3 Credits	3 Hrs	45 Hrs
Pedagogy: Lectures in the Classroom, Reading and analysis of annual reports of listed companies; writing assignment, seminar presentation, group discussion.		
Course Outcomes: On successful completion of the course, the students' will be able to <ol style="list-style-type: none"> Understand the need and benefits of accounting standards. Prepare the financial statements as Indian Accounting standards. Comprehend the requirements of Indian Accounting Standards for recognition, measurement and disclosures of certain items appear in financial statements Understand the Accounting Standards for Item that do not Appear in Financial Statements 		
Syllabus		Hours
Module No. –1 Introduction to Indian Accounting Standards.		10
Introduction- Meaning and Definition of Accounting Standards – Objectives of Accounting Standards – Benefits and Limitations of Accounting Standards – Process of Formulation of Accounting Standards in India – List of Indian Accounting Standards (Ind AS) – Need for Convergence Towards Global Standards– International Financial Reporting Standards-FeaturesandMeritsandDemeritsofIFRS– BenefitsofConvergencewithIFRS– Applicability of Ind AS in India.		
ModuleNo.2 Preparation of Financial Statements (IndAS1)		12
Frame work for preparation of Financial Statements, presentation of Financial Statement as per Ind AS 1. Statement of Profit and Loss, Balance Sheet, Statement of changes in Equity, statement of Cash flow and Notes to accounts. Problems on preparation of Statement of Profit and Loss and Balance Sheet as per Schedule III of Companies Act, 2013.		
Module No. – 3 Provision under Accounting Standard for Items Appear in Financial Statements.		10
Property, Plant and Equipment (Ind AS-16) - Intangible assets (Ind AS-38) - Impairment of assets (Ind AS-36) – Inventories (Ind AS 2) - Borrowing costs (Ind AS- 23) – Investment Property(IndAS-40)– objectives, Scope, definitions, Recognition Measurement and disclosures of the above- mentioned Standards. Simple problems on the above standards.		
Module No.- 4 Provisions under Accounting Standards for Items that do not Appear in Financial Statements.		08
Segment Reporting (Ind AS 108), Related Party Discloser (Ind AS 24), Events Occurring after Balance Sheet Date (IndAS10), Interim Financial Reporting (Ind AS34).		
ModuleNo.-5 Liability Based Indian Accounting Standards.		05
Provisions, Contingent liabilities and contingent assets(IndAS37) –Scope, provision, liability, obligating event, legal obligation, constructive obligation, contingent liability, contingent asset, relationship between provisions and		

Contingent liability, recognition of provisions, Contingent asset and contingent liability, Measurement and Disclosure of Information in the Financial Statements.

Skill Development Activities:

1. Explain the structure and functions of Indian Accounting Standards Board
2. Set out the procedure for issue of an Accounting Standard by the Accounting Standards Board.
3. List out the financial statements in accordance with Ind AS 1 and show the formats of the same with imaginary figures.
4. Explain the main provisions of Ind AS2, Ind AS 16and IndAS18
5. State and explain the provisions pertaining to Segment Reporting and Related Party Disclosure under Ind AS.

Books for Reference:

1. Study material of the Institute of Chartered Accountants of India
2. Anil Kumar, Rajesh Kumar and Mariyappa, Indian Accounting Standards, HPH
3. Miriyala, Ravikanth, Indian Accounting Standards Made Easy, Commercial LawPublishers
4. Dr.A.L.Saini IFRS for India, Snow white publications.
5. CA ShibaramaTripathy Roadmap to IFRS and Indian Accounting Standards
6. Ghosh T P, IFRS for Finance Executives Taxman Allied Services PrivateLimited.

Note: Latest edition of books may be used

Name of the Program: Bachelor of Commerce (B.Com.) Course Code: COMF1 Name of the Course: Financial Institutions and Markets		
Course Credits	No. of Hours per Week	Total No. of Teaching Hours
3Credits	3Hrs	45Hrs
Pedagogy: Classrooms lecture, Case studies, Group discussion, Seminar & fieldwork etc.,		
Course Outcomes: On successful completion of the course, the students ‘will be able to <ol style="list-style-type: none"> a) Understand the structure of Indian financial system and its constituents. b) Outline the role of capital and money market in economic development. c) Comprehend primary and secondary market and its relevance in capital formation. d) Appraise the role played by banking and development financial institutions in economic development so far. e) Understand the different types of NBFCs and their contribution. 		
Syllabus:		Hours
Module No.1: Financial System in India		08
Introduction–Meaning of Financial System–Financial concepts–Constituents of Financial System–Structure of Financial System–Role of Financial system–Functions of Financial System –Development of Financial System in India. Financial Sector Reforms- Financial System and Economic Development– Weakness of Indian financial system.		
Module No.2: Capital Market & Money Market		08
Capital Market: Meaning –Structure, Importance – Functions – Players in the Capital Market – Instruments of Capital Market–Components of Capital Market–Recent trends in Capital Market. Money Market: Meaning- Structure, functions Importance–Functions– Instrument of Money Market–Recent trends in Money Market.		
Module No.3: Primary Market & Secondary Market		10
Primary Market: Meaning, features, players of primary market, Instruments in primary market, Merits and Demerits of primary markets–Methods of floating new issues: Public issue–Offer for sale – Right Issue–Private placement– Problems of Indian Primary Markets; Secondary Market: Meaning, structure, functions, players in Stock Market, Merits and Demerits of stock markets. Methods in Stock Markets - Recognition of stock exchanges – Function of stock exchanges of BSE- NSE – OTCI – Listing of securities – Trading and Settlement Procedure in the Stock Market- Problems of Indian Stock Market; SEBI: Objectives-functions–Role and Reforms in Secondary Market.		
Module No. 4 Banking & Development Financial Institutions		12
Banking: Introduction – Meaning – Role and functions – Types of Banks; Development Financial Institutions: History – Management - Role & Functions of EXIM Bank –NABARD SIDBI – MUDRA –NHB–LIC&GIC -UTI–SFCs.		
Module No.5: Non-Banking Financial Companies(NBFCs) & For ex Market		07

Introduction – Meaning- Role – Importance – Types of NBFCs – Insurance Companies – Loan Companies- Investment Companies—Leasing & Hire Purchase-Housing Finance,—Chit Funds- Mutual funds -Venture Capital Funds - Factors & Forfeiting - Credit Rating - Depository and Custodial Services; Forexmarket- Concept- Meaning- Importance- Merits of forexmarket-Fluctuations in foreign exchange rates- Causes and Effects.

Skill Developments Activities:

1. List out any five recent Financial Sectors Reforms and analyze them.
2. Collect Share Application Forms of any five different companies who have offered IPO in the last or present financial year.
3. Collect data on last financial year price rigging and insider trading cases reported as per SEBI.
4. Visit website of Development Financial Institutions (DFIs) and prepare report on the history /milestone and functions of the DFIs
5. Identify the Different types of Venture capital firms operating in Karnataka and their investment.
6. Any other activities ,which are relevant to the course.

Books for Reference:

1. Livingston, Miles; Financial Intermediaries; Blackwell
2. Sudhindra Bhat, Financial Institutes and Markets, Excel Books.
3. NitiBhasin; Banking and FinancialMarketsinIndia1947 To2007;New Century.
4. KhanM.Y, Indian Financial Systems, TataMcGrawHill, New Delhi.
5. E Gordon, K. Natarajan (2010). Financial Markets and Services. Himalaya Publishing House, New Delhi
6. ShashikGuptha,NishaAggarwal&NeetiGuptha(2008),FinancialMarkets.KalyaniPubl ishers,NewDelhi
7. Vasanth Desai(2009).Financial Markets and Services. Himalaya Publishing House.

Note: Latest edition n of books may be used.

Name of the Program: Bachelor of Commerce (B.Com.) Course Code: COMH1 Name of the Course: Human Resources Development		
Course Credits	No. of Hours per Week	Total No. of Teaching Hours
3 Credits	3 Hrs	45 Hrs
Pedagogy: Classrooms lecture, Case studies, Tutorial Classes, Group discussion, Seminar & field work etc.,		
Course Outcomes: On successful completion of the course, the students 'will be able to <ol style="list-style-type: none"> a) Understand the need of HRD. b) Comprehend the framework of HRD. c) Know the models for evaluating the HRD programs. d) Comprehend the need for employee counseling. e) Apprehend the HR performance. 		
Syllabus:		Hours
ModuleNo.1: Conceptual Analysis of HRD		08
Introduction– Meaning and Definition of HRD, Need for HRD-Multiple Goals of HRD, HRD Department and its Task, HRD for Organizational Effectiveness, HRD in the Indian Context, HRD Mechanisms, Employee Empowerment, HRD as a Motivational Factor, Concerns of Trade Unions.		
Module No.2: Frame Work of Human Resource Development		10
Frame work of Human Resource Development –HRD Processes-Assessing HRD Needs - HRD Model - Designing Effective HRD Program - HRD Interventions- Creating HRD Programs – Implementing HRD programs- Training Methods-Self Paced/Computer Based/Company Sponsored Training - On-the-Job and Off-the-Job - Brain Storming - Case Studies - Role Plays -Simulations–T-Groups-Transactional Analysis.		
Module No. 3:Evaluating HRD Programs		08
Introduction- - Models and Frame Work of Evaluation - Assessing the Impact of HRD Programs – Human Resource Development Applications-Fundamental Concepts of Socialization- Realistic Job Review-Career Management and Development.		
Module No.4: Management Development		09
Introduction-Employee counseling and wellness services– Counseling as an HRD Activity- Counseling Programs-Issues in Employee Counseling- Employee Wellness And Health Promotion Programs- Organizational Strategies Based on Human Resources.		
ModuleNo.5:HRPerformance		10
Introduction -Work Force Reduction, Realignment and Retention - HR Performance and Bench Marking - Impact of Globalization on HRD- Diversity of Work Force - HRD programs for diverse employees-Expatriate & Repatriate support and development.		

Skill Development Activities:

1. Discuss with HR manager on HRD and report on the same.
2. Visit any Organisation in your locality, collect information and report on employee welfare facilities provided by the company.
3. Meet HR trainer, discuss their role and responsibilities.
4. Visit any Organisation, discuss with employees about effectiveness of training.
5. Any other activities, which are relevant to the course.

Books for Reference:

1. Werner & Desimone, Human Resource Development, Cengage Learning.
2. William E. Blank, Handbook for Developing Competency Based Training Programmes, Prentice-Hall, NewJerse
3. Uday Kumar Halдар, Human Resource Development, Oxford University Press.
4. Srinivas Kandula, Strategic Human Resource Development, PHIL earning.
5. Nadler, Leonard: Corporate Human Resource Development, Van Nostrand Reinhold, ASTD, NewYork.
6. Rao, T. Vand Pareek, Udai: Designing and Managing Human Resource Systems, Oxford IBH Pub. Pvt. Ltd., New Delhi, 2005.
7. Rao, T. V.: Readings in HRD, Oxford IBH Pub. Pvt. Ltd., New Delhi, 2004.
8. Viramani, B.R and Seth, Parmila: Evaluating Management Development, Vision Books, New Delhi.
9. Rao, T.V. (et.al): HRD in the New Economic Environment, Tata McGraw-Hill Pub. Pvt. Ltd., New Delhi, 2003.
10. Rao, T. V.: HRD Audit, Sage Publications, New Delhi.
11. ILO, Teaching and Training Methods for Management Development Hand Book, McGraw-Hill, New York.
12. Rao, T. V.: Human Resource Development, Sage Publications, New Delhi.
13. Kapur, Sashi: Human Resource Development and Training in Practice, Beacon Books, New Delhi.

Note: Latest Edition of books may be used.

Name of the Program: Bachelor of Commerce (B.Com.) Course Code: COMI1 Name of the Course: Basics of Business Analytics		
Course Credits	No. of Hours per Week	Total No. of Teaching Hours
3 Credits	3 Hrs	45Hrs
Pedagogy: Classrooms lecture, Case studies, Tutorial Classes, Group discussion, Seminar & field work etc.,		
Course Outcomes: On successful completion of the course, the students ‘will be able to <ol style="list-style-type: none"> a) Understand analytical applications in practice. b) Validate sources of data, use statistical resources and apply tools and techniques learnt to solve real time problems. c) Formulate and manipulate business models, using quantitative methods including spreadsheets and graphical methods, in order to find solutions to real time problems. d) Beware about the emerging trends in the world of analytics. 		
Syllabus:		Hours
ModuleNo.1:Introduction to Business Analytics		07
Data, Types of Data-Forms of Data-Evolution of Big Data-Business Analytics-Need for Analytics- Types of Analytics-Importance of Business Analytics in Decision Making-Analytics Process Model-SMART model-Spreadsheet analysis-Internet of Things.		
ModuleNo.2: Technology of Big Data		06
Overview of DBMS, Data Warehousing: Concepts, Need Objectives–Relevance of Data Warehousing in Business Analytics-Data Mining-Application of Data Mining-Data Mining Technique-Data Classification-Hadoop Distributed File System-Features of HDFS-Map Reduce-Features of Map Reduce.		
ModuleNo.3:Data Scientists and Data Visualization		10
Data Scientists-New Era of Data Scientists -Data Scientist model- Sources of Data scientists-Horizontal Versus Vertical Data Scientists- Retention of Data Scientists- Data Visualization-Types of Data Visualization -Issues in Data Visualization-Tools in data visualization- Data Collection, Sampling and Pre-processing- Types of Data Sources- Sampling-Types of Data Elements-Visual Data Exploration and Exploratory Statistical Analysis-Missing Values-Missing Values-Standardizing Data-Categorization-Weights of Evidence Coding-Variable Selection-Segmentation		
ModuleNo.4:Practices of Analytics		12

Predictive Analytics- Target Definition-Linear Regression -Logistic Regression -Decision Trees
–Neural Networks-Support Vector Machines-Ensemble Methods-Multiclass Classification
Techniques -Evaluating Predictive Models-Descriptive Analytics- Association Rules –Sequence
Rules –Segmentation-Survival Analysis- Survival Analysis Measurements-Kaplan Meier
Analysis-Parametric Survival Analysis-Proportional Hazards Regression-Extensions of Survival
Analysis Models-Evaluating Survival Analysis Models-Social Network Analytics-Social
Network Definitions-Social Network Metrics-Social Network Learning-
RelationalNeighborClassifier-ProbabilisticRelationalNeighborClassifier-Relational Logistic
Regression-Collective Inferencing – Egonets- Mobile Analytics- Practices of analytics in -
Google-General Electric-Microsoft-Kaggle-Facebook-Amazon.

ModuleNo.5: Big Data and Emerging Trends	10
<p>Data for Big Data-Enterprise orientation for Big data–leadership–Targets-Analysts-Other Factors to Consider in Big Data Success-Emerging Technologies in Health Information Systems: Transforming Health in Information Era-Omics Revolution and Personalized Medicine-Genomic Data Integration into Medical Records-Socio-demographic Data for Health Records-Family Health History-Genomics Driven Wellness Tracking and Management System (GO-WELL)-Emerging trends of analytics in Education, Government, Finance & Supply Chain Management.</p>	
<p>Skill Development Activities: Course teacher can identify and give the skill development activities.</p>	
<p>Books for Reference:</p> <ol style="list-style-type: none"> 1. Big Data Black Book, DTE editorial Services, Dream tech Press, 2015. 2. Big Data at Work, Thomas H. Davenport, Harvard Business Review Press, Boston, Massachusetts,2014. 3. Analytics in a Big Data World, John Wiley & Sons, Inc., Hoboken, NewJersey,2014. 4. Big Data and Internet of Things: A Roadmap for smart Environments, Nik Bessis Ciprian Dobre Editors, Springer International Publishing Switzerland2014 <p>Note: Latest edition of books may be used.</p>	

Name of the Program: Bachelor of Commerce (B.Com.) Course Code: COMM1 Name of the Course: Retail Management		
Course Credits	No. of Hours per Week	Total No. of Teaching Hours
3 Credits	3 Hrs	45 Hrs
Pedagogy: Classrooms lecture, Case studies, Group discussion, Seminar & field work etc.,		
Course Outcomes :On successful completion of the course, the students ‘will be able to <ol style="list-style-type: none"> Understand the contemporary of retail management, issues, strategies and trends in Retailing. Utilize the theories and strategies of retail planning. Perceive the role and responsibilities of store manager and examine the visual merchandising and its techniques in the present context. Prioritize the factors to be considered while fixing the price in retailing. Comprehend the emerging trends in Retail Industry. 		
Syllabus:		Hours
ModuleNo.1:Introduction to Retailing		08
Introduction – Meaning and Definition – Characteristics of Retailing -Functions of Retailing- Types of Retailing-Forms of Retailing based on ownership. Retail Theories-Wheel of Retailing-Retail Lifecycle-Retail Business in India. Influencing factor- Present Indian retail scenario. International Perspective in Retail Business.		
Module No.2: Consumer Behaviour in Retail Business		10
Buying Decision Process and its Implication on Retailing– Influence of Group and Individual Factors, Customer Shopping Behaviour, Customer Service and Customer Satisfaction. Retail Planning Process: Factors to Consider in Preparing a Business Plan–Implementation–Risk Analysis.		
Module No.3:Retail Operations		10
Factors Influencing location of Store - Market Area Analysis – Trade Area Analysis – Rating Plan method- Site Evaluation. Retail Operations: Stores Layout and Visual Merchandising, Stores designing, Space Planning, Inventory Management, Merchandise Management, Category Management.		
ModuleNo.4:Retail Marketing Mix		07
Product: Decisions Related to Selection of Goods (Merchandise Management Revisited) Decisions Related to Delivery of Service. Pricing: InfluencingFactors–ApproachestoPricing–PriceSensitivity-ValuePricing– Markdown Pricing. Place: Supply Channel-SCM Principles – Retail Logistics – Computerized Replenishment System-Corporate Replenishment Policies. Promotion: Setting objectives–Communication Effects-Promotional Mix. Human Resource Management in Retailing–Manpower Planning– Recruitment and Training–Compensation–Performance Appraisal Methods.		
ModuleNo.5: Impact of Information Technology in Retailing		10

Non-Store Retailing (E-Retailing) - The Impact of Information Technology in Retailing – Integrated Systems and Networking–EDI–Bar Coding–Electronic Article Surveillance Electronic Shelf Labels – Customer Database Management System. Legal Aspects in Retailing, Social Issues in Retailing, Ethical Issues in Retailing. Artificial Intelligence in Retailing.

Skill Developments Activities:

- 1) Identify any 10 Retail Business Stores at you Conveniences
- 2) Visit any Established Retail Mall and Draw a Chart of Product Segmentation
- 3) Make a list of fact or influence on choice of retail stores
- 4) Conduct a survey after sale service of any retail outlet
- 5) Contact any retailer ,collect the information on factors influencing on retail pricing.
- 6) Any other activities, which are relevant to the course.

Books for Reference:

1. Barry Bermans and Joel Evans: "Retail Management – A Strategic Approach", PHI New Delhi,
2. A.J.Lamba, "The Art of Retailing", Tata McGrawHill, New Delhi,
3. Swapna Pradhan: Retailing Management,, TMH
4. James R.Ogden & Denise T: Integrated Retail Management
5. Levy & Weitz: Retail Management- TMH
6. Rosemary Varley, Mohammed Rafiq-:Retail Management
7. Chetan Bajaj:Retail Management-Oxford Publication.
8. Uniyal&Sinha: Retail Management-Oxford Publications.
9. Suja Nair: Retail Management
10. R.S Tiwari:Retail Management, HPH, New Delhi

Note: Latest edition of books may be used.

Name of the Program: Bachelor of Commerce (B.Com.) Course Code: COM5.6 Name of the Course: GST-Law & Practice		
Course Credits	No. of Hours per Week	Total No. of Teaching Hours
3Credits	(2+0+2)4 Hrs	45Hrs
Pedagogy: Classrooms lecture, Case studies, Tutorial Classes, Group discussion, Seminar & fieldwork etc.,		
Course Outcomes: On successful completion of the course, the students' will be able to <ol style="list-style-type: none"> Comprehend the concepts of Goods and Services tax. Understand the fundamentals of GST. Analyse the GST Procedures in the Business. Know the GST Assessment and its computation. 		
Syllabus:		Hours
ModuleNo.1:Introduction to GST		08
Introduction-Meaning and Definition of GST, Objectives, Features, Advantage sand Disadvantages of GST, Taxes subsumed under GST, Structure of GST (Dual Model) - CGST, SGST and IGST. GST Council, Composition, Powers and Functions. CGST Act,2017- Feature and Important definitions.		
ModuleNo.2: GST Registration and Taxable Event		10
Registration under GST provision and process. Amendment and cancellation of registration, Taxable event-Supply of goods and services-Meaning, Scope and types-composite supply, Mixed supply. Determination of time and place of supply of goods andservices.Levyandcollectionoftax.Listofexemptedgoodsandservices-Problems.		
ModuleNo.3:Input Tax Credit		08
Input Tax Credit - Eligible and Ineligible Input Tax Credit; Apportionments of Credit and Blocked Credits; Tax Credit in respect of Capital Goods; Recovery of Excess Tax Credit; Availability of Tax Credit in special circumstances; Transfer of Input tax, Reverse Charge Mechanism, tax in voice, Problems on input tax credit.		
Module No.4: GST Assessment		10
Tax Invoice, Credit and Debit Notes, Returns, Audit in GST Assessment: Self- Assessment, Summary and Scrutiny. Special Provisions. Taxability of E-Commerce, Anti-Profiteering, Avoidance of dual control- issues in filing of returns, monthly collection targets, GST Council meetings.		
Module No.5: Valuations of Goods and Services Under GST		09
Introduction to Valuation under GST, Meaning and Types of Consideration: a) Consideration received through money b) Consideration not received in money c) Consideration received fully in money, valuation rules for supply of goods and services: 1) General Valuation Rules; 2) Special Valuation Rules; Other cases for valuation of supply, imported services, imported goods, valuation for discount. Transaction Value: Meaning and conditions for transaction value, inclusive transaction value, and exclusive discount excluded from transaction value. Problems on GST.		

Skill Development Activities:

1. Prepare a tax invoice under the GST Act.
2. Write the procedure for registration under GST.
3. Prepare a chart showing rates of GST.
4. Compute taxable value and tax liability with imaginary figures under CGST, SGST and IGST.
5. List out the exempted Goods and Services under GST.
6. Analyse the custom duties rates of last five years.
7. Any other activities, which are relevant to the course.

Books for Reference:

1. V.S.Datey, Goods and Services Taxes, Taxman.
2. Sathpal Puliana, M.A.Maniyar, Glimpse of Goods and Service Tax, Karnataka Law Journal Publications, Bangalore.
3. Pullani and Maniyar, Goods and Service Tax, Published by Law Journal, Bangalore.
4. H.C.Mehrotra and V.P.Agarwal, Goods and Services Tax.
5. H.C.Mehrotra and S.P.Goyal, Goods and Services Tax.
6. Ghousia Khatoon, C.M. Naveen Kumar and S.N. Venkatesh, Goods and Services Tax, Himalaya Publishing House, Bangalore.
7. R.G. Saha, S.K. Podder and Shruthi Prabhakar, Fundamentals of GST and Customs Act, Himalaya Publishing House.
8. G. B. Baligar, Goods and Services Tax, Ashok Prakashan, Hubli.

Note: Latest edition of text books may be used.

Name of the Program: Bachelor of Commerce (B.Com.)

Course Code: COM5. 6(B)

Name of the Course: Digital Marketing

Course Credits

No. of Hours per Week

Total No. of Teaching

Hours 3 Credits

(2+0+2)4Hrs

45Hrs

Pedagogy: Classrooms lecture, Case studies, Tutorial Classes, Group discussion, Seminar & fieldwork etc.,

Course Outcomes: On successful completion of the course, the students 'will be able to

- e) Gain knowledge on Digital Marketing, Email marketing and Content marketing.
- f) Understand Search Engine Optimization tools and techniques
- g) Gain skills on creation of Google Ad Words & Google Ad Sense
- h) Gain knowledge on Social Media Marketing and Web Analytics.
- i) Gain knowledge on YouTube Advertising & Conversions.

Syllabus:

Hours

ModuleNo.1: Introduction to Digital Marketing

08

Introduction - Meaning of Digital Marketing, Need for Digital Marketing, Digital Marketing Platforms.

Digital Marketing students, professional and Business Email Marketing: Importance of e-mail marketing, e-mail Marketing platforms, Creating e-mailers, Creating a Contact Management and Segmentation Strategy, Understanding e-mail Deliverability & Tracking

e-mails, How to create Effective & Unique e-mail Content, Outlining the Design of Your Marketing e-mails, Open rates and CTR of e-mail, Drive leads from e-mail, What are opt-in lists, Develop Relationships with Lead Nurturing & Automation Content Marketing: Understanding Content Marketing, Generating Content Ideas, Planning a Long-Term Content Strategy, Building a Content Creation Framework, Becoming an Effective Writer, Extending the Value of Your Content through Repurposing, How to Effectively Promote Content, Measuring and Analyzing Your Content.

ModuleNo.2: Search Engine Optimization (SEO)

10

Search Engine Optimization (SEO): Meaning of SEO, Importance and Its Growth in recent years, Ecosystem of a search Engine, kinds of traffic, Keyword Research & Analysis (Free and Paid tool & Extension), Recent Google Updates & How Google Algorithms works On Page Optimization (OPO), Off-Page Optimization Misc SEO Tools: Google Webmaster Tools, Site Map Creators, Browser-based analysis tools, Page Rank tools, Pinging & indexing tools, Dead links identification tools, Open site explorer, Domain information/who is tools, Quick sprout, Google My Business.

ModuleNo.3: Google Ad Words & Google Ad Sense

08

Google Ad Words: Google Ad-Words Fundamentals, Google Ad Words Account Structure, Key terminologies in Google Ad Words, How to Create an Ad Words account, Different Types of Ad Words and its Campaign & Ads creation process, Ad approval process, Keyword Match types, Keyword targeting & selection (Keyword planner), Display Planner, Different types of extensions, Creating location extensions, Creating call extensions, Create Review extensions, Bidding techniques—Manual /Auto, Demographic Targeting/Bidding, CPC-based, CPA based & CPM-based accounts., Google Analytics Individual Qualification (GAIQ), Google Ad Sense: Understanding ad networks and Ad Sense's limitations, Learning which situations are best for using Ad Sense, Setting up an Ad Sense account, Creating new ad units, Displaying ads on a website, Configuring channels and ad styles, Allowing and blocking ads, Reviewing the Ad Sense dashboard, Running Ad Sense reports and custom reports, Exporting data, Reviewing payee and account settings.

<p>Social Media Marketing(SMM) Facebook Marketing, Twitter Marketing, LinkedIn Marketing, Google plus Marketing, YouTube Marketing, Pinterest Marketing, Snapchat Marketing, Instagram Marketing, Social Media Automation Tools, Social Media Ad Specs, ROI in Social Media Marketing, Tools and Dashboards, Reputation management Web Analytics: The need & importance of Web Analytics, Introducing Google Analytics, The Google Analytics layout , Basic Reporting, Basic Campaign and Conversion Tracking, Google Tag Manager, Social Media Analytics, Social CRM & Analytics, Other Web analytic tools, Making better decisions, Common mistakes analysts make.</p>	<p>ing, audience analytics, Social Media ROI</p>
<p>Module No. 5: You tube Advertising (Video Ads) & Conversions</p>	<p>09</p>
<p>Youtube Advertising (Video Ads): Youtube advertising?, Why should one advertise on youtube? Creating youtube campaigns, Choose the audience for video ads, In stream ads, In video ads, In-sads, In-display ads, Measuring your YouTube ad performance, Drive leads and sales from YouTube Conversions, Understanding Conversion Tracking, Types of Conversions, Setting up Conversion Tracking, Optimizing Conversions, Track offline conversions, Analyzing conversion data, Conversion optimizer.</p>	<p>earcher's conversion</p>
<p>Skill Development Activities:</p> <ol style="list-style-type: none"> 1. Explain the key digital marketing activities needed for competitive success. 2. Examine the concept of Digital Media and benefits to be derived. 3. Recognise the core features of CRM and retention programmes 4. Identify the metrics used in digital marketing. 5. Organise how we can limit the marketing materials waste through e-mail. 	
<p>Books for Reference:</p> <ol style="list-style-type: none"> 1. Understanding DIGITAL Marketing, Marketing strategies for engaging the digital generation Damian Ryan & Calvin Jones 2. The Art of Digital Marketing: The Definitive Guide to Creating Strategic By Ian Dodson 3. Internet Marketing: a practical approach By Alan Charlesworth 4. Social Media Marketing: A Strategic Approach By Melissa Barker, Donald I. Barker, Nicholas F Bormann, Krista E Neher <p>Note: Latest edition of text books may be used.</p>	

Name of the Program: Bachelor of Commerce (B.Com.) Course Code: COM6.1 Name of the Course: Advanced Financial Management		
Course Credits	No. of Hours per Week	Total No. of Teaching Hours
4 Credits	4 Hrs	60 Hrs
Pedagogy: Classrooms lecture, Case studies, Tutorial Classes, Group discussion, Seminar & fieldwork etc.,		
Course Outcomes: On successful completion of the course, the students' will be able to <ol style="list-style-type: none"> Understand and determine the overall cost of capital. Comprehend the different advanced capital budgeting techniques. Understand the importance of dividend decisions. Evaluate mergers and acquisition. Enable the ethical and governance issues in financial management. 		
Syllabus:		Hours
ModuleNo.1:Cost of Capital and Capital Structure Theories		14
Cost of Capital: Meaning and Definition–Significance of Cost of Capital–Types of Capital–Computation of Cost of Capital–Specific Cost– Cost of Debt–Cost of Preference Share Capital –Cost of Equity Share Capital–Weighted Average Cost of Capital–Problems. Theories of capital structures: The Net Income Approach, The Net Operating Income Approach, Traditional Approach and MM Hypothesis–Problems.		
ModuleNo.2:Risk Analysis in Capital Budgeting		14
Risk Analysis–Types of Risks–Risk and Uncertainty–Techniques of Measuring Risks –Risk adjusted Discount Rate Approach–Certainty Equivalent Approach –Sensitivity Analysis-Probability Approach-Standard Deviation and Co-efficient of Variation–Decision Tree Analysis –Problems..		
ModuleNo.3:Dividend Decision and Theories		14
Introduction - Dividend Decisions: Meaning - Types of Dividends – Types of Dividends Policies –Significance of Stable Dividend Policy - Determinants of Dividend Policy; Dividend Theories: Theories of Relevance – Walter’s Model and Gordon’s Model and Theory of Irrelevance – The Miller-Modigliani(MM)Hypothesis -Problems.		
Module No.4: Mergers and Acquisitions		10
Meaning-Reasons–Types of Combinations-Types of Merger –Motives and Benefits of Merger – Financial Evaluation of a Merger - Merger Negotiations – Leverage buyout, Management Buyout Meaning and Significance of P/E Ratio. Problems on Exchange Ratios based on Assets Approach, Earnings Approach and Market Value Approach and Impact of Merger on EPS Market Price and Market capitalization.		
ModuleNo.5:EthicalandGovernanceIssues		08

Introduction to Ethical and Governance Issues: Fundamental Principles, Ethical Issues in Financial Management, Agency Relationship, Transaction Cost Theory, Governance Structures and Policies, Social and Environmental Issues, Purpose and Content of an Integrated Report.

Skill Development Activities:

1. Visit an organization in your town and collect data about the financial objectives.
2. Compute the specific cost and weighted average cost of capital of an Organization, you have visited.
3. Case analysis of some live merger reported in business magazines.
4. Meet the financial manager of any company; discuss ethical issues in financial management.
5. Collect the data relating to dividend policies practices by any two companies.
6. Any other activities, which are relevant to the course.

Books for Reference:

1. IM Pandey, Financial management, Vikas publications, New Delhi.
2. Abrish Guptha, Financial management, Pearson.
3. Khan & Jain, Basic Financial Management, TMH, New Delhi.
4. SNMaheshwari, Principles of Financial Management, Sulthan Chand & Sons, New Delhi.
5. Chandra & Chandra D Bose, Fundamentals of Financial Management, PHI, New Delhi.
6. B. Mariyappa, Advanced Financial Management, Himalaya Publishing House, New Delhi.
7. RaviMKishore, Financial Management, Taxman Publications
8. PrasannaChandra, Financial Management, Theory and Practice, Tata McGraw Hill.

Note: Latest edition of text books may be used

Name of the Program: Bachelor of Commerce (B.Com.) Course Code: COM6.2 Name of the Course: Income Tax Law & Practice– II		
Course Credits	No. of Hours per Week	Total No. of Teaching Hours
4Credits	4Hrs	60Hrs
Pedagogy: Classrooms lecture, Case studies, Tutorial classes, Group discussion, Seminar & field work etc.,		
Course Outcomes: On successful completion of the course, the students' will be able to <ol style="list-style-type: none"> a) Understand the procedure or computation of income from business and other Profession. b) The provisions for determining the capital gains. c) Compute the income from other sources. d) Demonstrate the computation of total income of an Individual. e) Comprehend the assessment procedure and to know the power of income tax authorities. 		
Syllabus:		Hours
ModuleNo.1: Profits and Gains of Business and Profession		20
Introduction-Meaning and definition of Business, Profession and Vocation.-Expenses Expressly allowed-Expenses Expressly Disallowed-Allowable losses-Expressly disallowed expenses and losses, Expenses allowed on payment basis. Problems on computation of income from business of a sole trading concern- Problems on computation of income from profession: Medical Practitioner-Advocate and Chartered Accountants.		
ModuleNo.2: Capital Gains		10
Introduction-Basis for charge-Capital Assets-Types of capital assets–Transfer-Computation of capital gains– Short term capital gain and Long term capital gain-Exemptions under section 54, 54B, 54EC, 54D, 54F, and 54G. Problems covering the above sections.		
ModuleNo.3: Income from other Sources		10
Introduction-Income taxable under Head income other sources–Securities-Types of Securities-Rules for Grossing up. Ex-interest and cum-interest securities. Bond Washing Transactions- Computation of Income from other Sources.		
ModuleNo.4: Set Off and Carry Forward of Losses & Assessment of individuals.		10
Introduction – Provisions of Set off and Carry Forward of Losses (Theory only) -Computation of Total Income and tax liability of an Individual.		
ModuleNo.5: Assessment Procedure and Income Tax Authorities:		10
Introduction - Due date of filing returns, Filing of returns by different assesses, E- filing of returns, Types of Assessment, Permanent Account Number-Meaning, Procedure for obtaining PAN and transactions were quoting of PAN is compulsory. Income Tax Authorities their Powers and duties.		

Skill Development activities:

1. Visit any chartered accountant office and identify the procedure involved in the computation of income from profession.
2. List out the different types of capital assets and identify the procedure involved in the computation of tax for the same.
3. List out the steps involved in the computation of income tax from other sources and critically examine the same.
4. Identify the Due date for filing the returns and rate of taxes applicable for individuals.
5. Draw an organization chart of Income Tax department in your locality.
6. Any other activities, which are relevant to the course.

Books for Reference:

1. Mehrotra H.C and T.S. Goyal, Direct taxes, Sahithya Bhavan Publication, Agra.
2. Vinod K.Singhania, Direct Taxes, Taxman Publication Private Ltd, New Delhi
3. Gaur and Narang, Law and practice of Income Tax, Kalyani Publicat Ludhiana.
4. Bhagawathi Prasad, Direct Taxes.
5. B.Mariyappa, Incometax Law and Practice-II, Himalaya Publishing House. Delhi.s
6. Dr.Saha, Law and Practice of Income Tax, Himalaya Publishing House.

Note: Latest edition of text books may be used.

Name of the Program: Bachelor of Commerce (B.Com.) Course Code: COM6.3 Name of the Course: Management Accounting		
Course Credits	No. of Hours per Week	Total No. of Teaching Hours
4 Credits	4Hrs	60Hrs
Pedagogy: Classrooms lecture ,Case studies, Tutorial Classes, Group discussion, Seminar & fieldwork etc.,		
Course Outcomes: On successful completion of the course, the students' will be able to <ol style="list-style-type: none"> Demonstrate the significance of management accounting in decision making. Analyse and interpret the corporate financial statements by using various techniques. Compare the financial performance of corporate through ratio analysis. Understand the latest provisions in preparing cash flow statement. Comprehend the significance of management audit and examine the corporate reports of Management Review and Governance. 		
Syllabus:		Hours
ModuleNo.1:Introduction to Management Accounting		12
Introduction–Concept–Meaning and Definition–Significance–Scope–Objectives and Functions–Difference between Financial Accounting, Cost Accounting and Management Accounting– Advantages and Limitations of Management Accounting– Management Accountant: Role and Functions of Management Accountant.		
ModuleNo.2:Financial Statements Analysis and Interpretation		14
Introduction–Meaning and Nature of financial statements–Limitations of financial statements –Essentials of a good financial statement. Analysis and interpretations–Meaning and definition of Financial of analysis, types of analysis, Techniques of Financial Analysis–Comparative Statements, Common Size Statements and Trend Analysis–Problems.		
ModuleNo.3: Ratio Analysis		14
Introduction - Meaning and Definition of Ratio Analysis, Uses & Limitations of Ratio Analysis – Classification of ratios: Liquidity ratios: Current ratio, Liquid ratio and Absolute liquid ratio; Solvency ratios: Debt equity ratio, Proprietary ratio and Capital gearing ratio - Earning per share and return on capital employed; Profit ability ratios :Gross profit ratio- Net profit ratio–Operating ratio, and Operating profit ratio. Turnover ratios: Inventory turnover ratio – Debtors turnover ratio Debt collection period - Creditors turnover ratio -Debt payment period, Assets turnover ratio, Earnings per share and Price Earnings Ratio. Problems on Ratio Analysis-Preparation of financial statements with the help of Accounting Ratios.		
ModuleNo.4:Cashflow Analysis		12
Introduction- Meaning and Definition, Merits and Demerits, differences between Fund flow and cash flow statements. Provisions of Ind AS 7. Procedure of cash flow statement Concept of cash and cash equivalent. Classification of Cash flows, Preparation of cash flow statement as per Ind AS 7(Indirect method only).Problems.		
ModuleNo.5: Management Audit & Reports on Management		08

Introduction–Meaning–Nature–Scope–Importance–Need–Objectives of management audit–
Differences between Financial Audit and Management Audit - Steps involved in Management
Audit. Reports on Management Review and Governance: Introduction–Report of Board of
Directors- Management discussion analysis- Annual Report on CSR–

Business Responsibility Report – Corporate Governance Report –Secretarial Audit Report.

Skill Development Activities:

1. Meet Management accountant and discuss his role in decision making in an Enterprise.
2. Collect financial statements of anyone corporate entity for two year and prepare a comparative statement and analyse the financial position.
3. Collect financial statements of any one corporate entity, analyse the same by using ratio analysis.
4. Prepare a cash flow statement
5. Meet the management accountant, discuss the steps involved in management audit.
6. Collect reports of any two corporate, analyse the management review and governance of the same.
7. Any other activities, which are relevant to the course.

Books for Reference:

1. Study Materials of ICAI on Management Accounting(Updated)
2. Study Materials of ICMAI on Management Accounting
3. CharlesT.Horngren,GaryL. Sundem, Dave Burgstahler,JeffO. Schatzberg, Introduction to Management Accounting, Pearson Education.
4. B Mariyappa Management Accounting Himalaya Publishing House New Delhi
5. Khan,M.Y.and Jain,P.K.ManagementAccounting. McGrawHillEducation.
6. Arora,M.N. Management Accounting,Vikas Publishing House,NewDelhi
7. Maheshwari, S.N. and S.N. Mittal, Management Accounting. Shree Mahavir Book Depot,NewDelhi.

Note: Latest edition of text books may be used.

Name of the Programme: Bachelor of Commerce (B.Com) Course Code: COM A2 Name of the Course: Indian Accounting Standards -2		
Course Credits	No. of Hours per Week	Total No of Teaching Hours
3 Credits	3 Hrs	45 Hrs
Pedagogy: Classrooms lecture, Case studies, Tutorial Classes, Group discussion, Seminar & field work etc.,		
Course Outcomes: On successful completion of the course, the students' will be able to <ol style="list-style-type: none"> Understand the preparation of consolidated financial statements as per Ind AS Learn the disclosures in the financial statements Understand the latest provisions of measurement-based accounting policies. Comprehend the Accounting and Reporting of Financial Instruments Analyse the Revenue based accounting standard. 		
Syllabus		Hours
Module-1 Consolidated Financial Statement IndAS110)		9
Meaning and Definition- Holding Company and Subsidiary Company, Steps in Preparation of consolidated Financial Statements, Capital profit, Revenue profit, Non-controlling Interest and Good will or Capital Reserve and Unreleased profit, and mutual indebtedness. Problems on Preparation of Consolidated Balance Sheet.		
ModuleNo.2 Disclosures in the Financial Statements		9
Employee benefits (Ind AS19) Earnings per Share (Ind AS33) Lease (Ind AS116), Interim Financial Reporting (Ind AS 34) Share-based Payment (Ind AS102).		
ModuleNo.3 Measurement Based on Accounting Policies		9
Accounting Policies, Changes in Accounting Estimates and Errors (Ind AS 8), First time adoption of Ind AS (Ind As 101), Accounting for Government Grants and Disclosure of Government Assistance ((Ind AS20)) and Share Based Payment (Ind AS102)		
ModuleNo.4 Accounting and Reporting of Financial Instruments		9
Presentation of Financial Instruments (Ind AS 32) – Meaning, Financial Assets, Financial Liabilities - Presentation Recognition and Measurement of financial Instruments (Ind AS 39) – Initial and Subsequent Recognition and measurement of Financial Assets and Financial Liabilities, De recognition of Financial Assets and Financial Liabilities- Disclosures of Financial Instruments (Ind AS107)		
ModuleNo.5 Revenue based accounting standard.		9
Revenue from Contracts with Customers (Ind AS115), Fair Value Measurement (Ind AS113) Contract, Practical Provisions and problems on the above standards.		

Skill Development Activities:

1. Prepare consolidated Balance sheet with imaginary figures.
2. Make a list of Indian Accounting Standards
3. Make disclosures of any five Indian Accounting Standards.
4. Study the compliance with the requirements of Indian Accounting standards as disclosed in the Notes to Accounts in Annual Reports.

Books for Reference:

1. Study material of the Institute of Chartered Accountants of India
2. Anil Kumar, Rajesh Kumar and Mariyappa, Indian Accounting Standards, HPH
3. Miriyala, Ravikanth, Indian Accounting Standards Made Easy, Commercial Law Publishers
4. Dr. A. L. Sainil FRS for India,, Snow white publications.
5. CASHibarama Tripathy Roadmap to IFRS and Indian Accounting Standards
6. Ghosh TP, IFRS for Finance Executives Taxman Allied Services Private Limited.

Note: Latest edition of textbooks may be used

Name of the Program: Bachelor of Commerce (B.Com.) Course Code: COMF2 Name of the Course: Investment Management		
Course Credits	No. of Hours per Week	Total No .of Teaching Hours
3Credits	3Hrs	45Hrs
Pedagogy: Classrooms lecture, Case studies, Group discussion, Seminar & field work etc.,		
Course Outcomes: On successful completion of the course, the students' will be able to <ol style="list-style-type: none"> Understand the concept to investments, its features and various instruments. Comprehend the functioning of secondary market in India. Underline the concept of risk and return and their relevance in purchasing and selling of securities. Illustrate the valuation of securities and finding out the values for purchase and sale of securities. Demonstrate the fundamental analysis to analyse the company for purchase and sale of securities and technical analysis for trading in the share market. 		
Syllabus:		Hour s
ModuleNo.1: Concept of Investment		07
Introduction-Investment: Attributes, Economic vs. Financial Investment, Investment and Speculation, Features of a good investment, Investment Process. Financial Instruments: Money Market Instruments, Capital Market Instruments. Derivatives.		
ModuleNo.2: Fundamental Analysis		12
Fundamental analysis-EIC Frame Work, Global Economy, Domestic Economy, Business Cycles, Industry Analysis and Company Analysis. Valuation of securities: Valuation of Bonds and debentures and preference shares, equity shares- no growth rate, normal growth rate and supernormal growth rate.		
ModuleNo.3: Risk & Return		10
Risk and Return Concepts: Concept of Risk, Types of Risk-Systematic risk, Unsystematic risk, Calculation of Risk and returns. Portfolio Risk and Return: Expected returns of a portfolio, Calculation of Portfolio Risk and Return.		
ModuleNo.4 Technical Analysis		08
Technical Analysis – Concept, Theories- Dow Theory, Eliot wave theory. Charts-Types, Trend and Trend Reversal Patterns. Mathematical Indicators – Moving averages, ROC, RSI, and Market Indicators - Market Efficiency and Behavioural Finance: Random walk and Efficient Market Hypothesis, Forms of Market Efficiency, Empirical test for different forms of market efficiency		
ModuleNo.5: Portfolio Management		8
Portfolio Management: Meaning, Need, Objectives, process of Portfolio management, Selection of securities and Portfolio analysis. Construction of optimal portfolio using Sharpe's Single Index Model. Portfolio Performance evaluation (Theory only).		

Skill Developments Activities:

1. Collect and compare the data on financial instruments selected for investment from many five investors.
2. Open Demat account, learn how to trade in stock market and submit the report on prospectus and challenges of stock trading.
3. Discuss with investors on systematic can dun systematic risk analysis, submit report on the same.
4. Calculate the intrinsic value of any five bonds listed on BSE/NSE, making necessary assumptions.

5. Summarise the parameters of 'Economy Analysis' of any five countries and give your inference.
6. Any other activities, which are relevant to the course.

Books for Reference:

1. Bodie ZVI, Kane Alex, Marcus J Alan and Mohanty Pitabas., Investments, Tata McGraw Hill Publishing Company Limited, New Delhi.
2. Sharpe F. William, Alexander J Gordon and Bailey V Jeffery, Investments, Prentice Hall of India Private Limited, New Delhi.
3. Fischer E Donald and Jordan J Ronald., Security Analysis and Portfolio Management, Prentice Hall of India Private Limited, New Delhi.
4. Kevin S., Portfolio Management, PHI, New Delhi.
5. Punithavathy Pandian, Security Analysis and Portfolio Management, Vikas Publishing House Private Limited, New Delhi.
6. Prasanna Chandra, Investment Analysis and Portfolio Management, Tata McGraw Hill Publishing Company Limited, New Delhi.

Note: Latest edition of text books may be used.

Name of the Program: Bachelor of Commerce (B.Com.) Course Code: COMH2 Name of the Course: Cultural Diversity at Work Place		
Course Credits	No. of Hours per Week	Total No. of Teaching Hours
3 Credits	3 Hrs	45 Hrs
Pedagogy: Classroom lecture, Case studies, Group discussion, Seminar & fieldwork etc.,		
Course Outcomes: On successful completion of the course, the students' will be able to a) Understand, interpret, question, reflect upon and engage with the notion of "diversity". b) Recall the cultural diversity at workplace in an organization. c) Support the business case for workforce diversity and inclusion. d) Identify diversity and work respecting cross-cultural environment. e) Assess contemporary organizational strategies for managing workforce diversity and inclusion.		
Syllabus:		Hours
Module No.1: Introduction to Diversity		10
Introduction to cultural diversity in organizations, Evolution of Diversity Management, Overview of Diversity, Advantages of Diversity, Identifying characteristics of diversity, Scope-Challenges and issues in diversity management, Understanding the nature of Diversity–Cultural Diversity–Global Organizations–Global Diversity.		
Module No.2: Exploring Differences		08
Introduction-Exploring our and others' differences, including sources of our identity. Difference and power: Concepts of prejudice, discrimination, dehumanization and oppression.		
Module No.3: Visions of Diversity and Cross Cultural Management		10
Models and visions of diversity in society and organizations: Justice, fairness, and group and individual differences. Cross-Cultural Management: Meaning and Concepts, Frameworks in Cross Cultural Management: Kluckhohn and Strodtbeck framework, Hofstede's Cultural Dimensions, Trompenaar's Dimensions, Schwartz Value Survey, GLOBE study.		
Module No.4: Skills and Competencies		08
Skills and competencies formulating cultural teams and workplaces/Organizational assessment and change for diversity and inclusion, Diversity Strategies. Creating Multicultural Organisations.		
Module 5: Recent Trends in Diversity Management		09
Emerging workforce trends–Dual-career couples–Cultural issues in international working on work-life balance–Managing multi-cultural teams: Issues and challenges, Global demographic trends: Impact on diversity management, Social psychological perspective on work force diversity, Diversity Management in IT organizations Contemporary Issues in Workplace Diversity.		

Skill Development Activities:

1. Visit any MNCs, identify and report on the cultural diversity in an organization.
2. Interact and list out the ways in which dehumanization is done in public/private sector organization.

3. Interact with HR Manager of any MNCs, explore and report on cross cultural management.
4. Explore the benefits of multi-cultural organizations.
5. Examine and report on diversity management in select IT organizations.
6. Any other activities, which are relevant to the course.

Books for Reference:

1. Bell, M.P. (2012). Diversity in organizations (2nd Ed.). Mason, OH: Cengage.
2. Harvey, C.P. & Allard, M.J. (2015). Understanding and managing diversity: Readings, cases, and exercises (6th Ed.). Upper Saddle River, NJ: Pearson.

Note: Latest edition of text books may be used.

Name of the Program: Bachelor of Commerce (B.Com.) CourseCode: COMI2 Name of the Course: Human Resource Analytics		
Course Credits	No. of Hours per Week	Total No. of Teaching Hours
3 Credits	3 Hrs	45 Hrs
Pedagogy: Classrooms lecture, Case studies, Tutorial Classes, Group discussion, Seminar & field work etc.,		
a) Course Outcomes: On successful completion of the course, the students' will be able to b) Understand the role of Analytics in Human Resource. c) Identify a list of HR metrics relevant to an organization's mission or goals. d) Apply best practices for using HR analytics to support making data-driven decisions. e) Demonstrate the use of Analytical techniques to analyse and interpret HR data		
Syllabus:		Hours
Module No.1: HR Decision-making and HR Analytics		10
Introduction–HR decision making–importance and significance of HR analytics–benefits of HR analytics–Steps to implement HR analytics–HR analytics and changing role of HR managers–aligning human resources to business through HR analytics–HR analytics framework and models–LAMP Framework.		
Module No.2: HR Business Process and HR Analytics		08
Statistics and statistical modelling for HR research and HR decision-making – HR research tools and techniques – data analysis for human resources – parametric and non- parametric tests–HRIS for HR decision-making – HR metrics – recruitment metrics – metrics for training and development function–HR scorecard–HR dashboard		
Module No.3: Forecasting and Measuring HR value propositions with HR Analytics		07
Value proposition and HR decisions – Sustainability in HR decisions – HR optimization through analytics – Predictive HR Analytics		
Module No.4: HR Analytics and Data		12
HR data and data quality–data collection–big data for human resources–transforming HR data into HR information – HR reporting – HR report visualization – performing root cause analysis – datafication of human resources, Excel exercises: Preparing to Build Your Balanced Scorecard, Developing Executive and Operational Dashboards, Pivotal Talent Pools with High Rates of Voluntary Turnover: Voluntary Turnover, Involuntary Turnover, For-Cause Dismissals, and Layoffs		
Module 5: HR Analytics and Predictive Modelling		08
Different phases of HR analytics and predictive modelling–data and information for HR predictive analysis–software solutions–predictive analytic tools and techniques–understanding future human resources.		
Skill Development Activities: Course teacher can identify and give the skill development activities.		

Books for Reference:

1. Dipak Kumar Bhattacharya, HR Analytics: Understanding Theories and Applications, SAGE publications, 2017
2. Ron Person, Balanced Scorecards & Operational Dashboards with Microsoft Excel, Wiley Publications.

3. Jac Fitz-enz, The New HR Analytics - Predicting the Economic Value of Your Company's Human Capital Investments, AMACOM.
4. Jac Fitz-enz, John R. Mattox II, Predictive Analytics for Human Resources, Wiley & SAS Business Series.

Note: Latest edition of text books may be used.

Name of the Program: Bachelor of Commerce (B.Com.)		
Course Code: COM.M2		
Name of the Course: Customer Relationship Management		
Course Credits	No. of Hours per Week	Total No. of Teaching Hours
3 Credits	3 Hrs	45 Hrs
Pedagogy: Classrooms lecture, Case studies, Tutorial Classes, Group discussion, Seminar & fieldwork etc.,		
Course Outcomes: On successful completion of the course, the students will be able to		
<ul style="list-style-type: none"> a) To be aware of the nuances of customer relationship. b) To analyze the CRM link with the other aspects of marketing. c) To impart the basic knowledge of the Role of CRM in increasing the sales of the company. d) To make the students aware of the different CRM models in service industry. e) To make the students aware and analyze the different issues in CRM 		
Syllabus:		Hours
Module No. 1: Evolution of Customer Relationship		10
Introduction-CRM-Definition, Emergence of CRM Practice, Factors responsible for CRM growth, CRM process, framework of CRM, Benefits of CRM, Types of CRM, Scope of CRM, Customer Profitability, Features Trends in CRM, CRM and Cost-Benefit Analysis, CRM and Relationship Marketing.		
Module No. 2: CRM Concepts		10
Introduction-Customer Value, Customer Expectation, Customer Satisfaction, Customer Centricity, Customer Acquisition, Customer Retention, Customer Loyalty, Customer Lifetime Value. Customer Experience Management, Customer Profitability, Enterprise Marketing Management, Customer Satisfaction Measurements, Web based Customer Support.		
Module No. 3: Planning for CRM		08
Introduction -Steps in Planning-Building Customer Centricity, Setting CRM Objectives, Defining Data Requirements, Planning Desired Outputs, Relevant issues while planning the Outputs, Elements of CRM plan, CRM Strategy: The Strategy Development Process, Customer Strategy Grid.		
Module No. 4: CRM and Marketing Strategy		07
Introduction- CRM Marketing Initiatives, Sales Force Automation, Campaign Management, Call Centres. Practice of CRM: CRM in Consumer Markets, CRM in Services Sector, CRM in Mass Markets, CRM in Manufacturing Sector.		
Module 5: CRM Planning and Implementation		10
Introduction-Issues and Problems in implementing CRM, Information Technology tools in CRM, Challenges of CRM Implementation. CRM Implementation Roadmap, Road Map (RM) Performance: Measuring CRM performance, CRM Metrics.		

Skill Development Activities:

1. Visit any bank, identify and note customer relationship management by banker.
 2. Conduct online survey on customer satisfaction of insurance products of any company.
 3. Visit any telecommunication retail service outlet, discuss CRM related aspects with CRM manager.
 4. Discuss from any five call centre employees on how their work helps to maintain customer relationship.
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6. Prepare report on how technology impacts on CRM.
 7. Any other activities, which are relevant to the course.

Books for Reference:

1. Francis Buttle, Stan Maklan, Customer Relationship Management: Concepts and Technologies, 3rd edition, Routledge Publishers, 2015
2. Kumar, V., Reinartz, Werner Customer Relationship Management Concept, Strategy and Tools, 1st edition, Springer Texts, 2014.
3. Jagdish N. Sheth, Atul Parvatiyar & G. Shainesh, "Customer Relationship Management", Emerging Concepts, Tools and Application", 2010, TMH
4. Dilip Soman & Sara N-Marandi, "Managing Customer Value" 1st edition, 2014, Cambridge.
5. Alok Kumar Rai, "Customer Relationship Management: Concepts and Cases", 2008, PHI.
6. Ken Burnett, the Handbook of Key "Customer Relationship Management", 2010, Pearson Education.
7. Mukesh Chaturvedi, Abinav Chaturvedi, "Customer Relationship Management - An Indian Perspective", 2010 Excel Books, 2nd edition

Note: Latest edition of text books may be used.

Name of the Program: Bachelor of Commerce (B.Com.) Course Code: COM6.6 Name of the Course: Assessment of Persons other than Individuals and Filing of ITRs		
Course Credits	No. of Hours per Week	Total No. of Teaching Hours
3 Credits	(2+0+2) 4 Hrs	45 Hrs
Pedagogy: Classrooms lecture, Case studies, Tutorial Classes, Group discussion, Seminar & field work etc.,		
Course Outcomes: On successful completion of the course, the students' will be able to <ul style="list-style-type: none"> a) Understand the calculation of Depreciation and allowance b) Comprehend the assessment of partnership Firms and determine the tax liability. c) Comprehend the assessment of corporate entities and determine the tax liability. d) Equip with understanding of intensive knowledge on analysis of all forms of ITR Forms along with the Overview ITR Forms and e-filing. 		
Syllabus:		Hours
Module No. 1: Depreciation and Investment Allowance		08
Introduction-Meaning of Depreciation, Important points regarding depreciation, Conditions for allowance of Depreciation, Assets eligible for depreciation, important terms for computation of depreciation allowance. Problems.		
Module No. 2: Assessment of Partnership firms		10
Definition of Partnership, Firm and Partners – Assessment of Firms (Section 184) – Computation of Firm's Business Income– Treatment of Interest, Commission, Remuneration received by partners (Sec 40b). Presumptive taxation (44AD) Problems on Computation of total income and tax liability of firms (Use of available software package for computation of tax liability, Related Forms and Challans)		
Module No. 3: Assessment of Companies.		10
Introduction-Meaning and Definition of Company-Types of Companies under Income tax Act -- Problems on computation of total income of companies- Including Minimum Alternate Tax (115JB) Applicable Deductions u/s 80IA, 80IB, 80IC, 80G -Problems on Computation of Tax Liability (Use of Software Package-QuickBooks/Electrocom)		
Module No. 4: Tax Under E-Environment		12
Filing of Income tax returns (ITR) – Types income tax return forms- benefit of filing ITR- different sections of ITR returns- document required to filing ITR– form 26AS significance returns- Advance Tax Sections- Tax Deducted at Source (TDS)- online payment of tax- problems on Advance Tax and TDS.]E-filing of return on Income Tax Portal, Verification of ITR..		
Module No. 5: Case laws and Amendments		05
Introduction - Recent Amendments in Filing of Returns as per Finance Bill; Recent Case Laws for guidance. Deput the students at least two weeks to any Audit Firm to learn practically the filing of Returns of various kinds of assesses. Like individuals, Firms and Companies.		

Skill Development Activities:

- 1) Prepare a chart showing rates of depreciation for different assets.
- 2) Calculate the Eligible Remuneration to working partners as per Income tax rules with imaginary figures.
- 3) Narrate the procedure for calculation of Book Profit.

- 4) Students should be able to file and understand ITR forms.
- 5) Any other activities, which are relevant to the course

Books for Reference:

1. Vinod K Singhania – “Direct Taxes - Law and Practice”, Taxmann Publications
2. H C Mehrotra and Goyal, “Direct Taxes”, Sahitya Bhavan Publications
3. Gaur and Narang; Direct Taxes, Kalyani Publishers
4. Rajiva S. Mishra – Direct & Indirect Tax 5. Santhil & Santhil: Business taxation.
5. B. Mariyappa Business Tax Himalaya Publication House. New Delhi.

Note: Latest edition of textbooks must be used.

Name of the Program: Bachelor of Commerce (B.Com.) Course Code: COM 6.6(B) Name of the Course: E-Commerce		
Course Credits	No. of Hours per Week	Total No. of Teaching Hours
3 Credits	(2+0+2) 4 Hrs	45 Hrs
Pedagogy: Classroom lecture, Case studies, Tutorial Classes, Group discussion, Seminar & field work etc.,		
Course Outcomes: On successful completion of the course, the students' will be able to <ol style="list-style-type: none"> j) Comprehend the concepts of E-commerce k) Understand the e-retailing benefits and key success factors l) Analyse the benefits of EDI m) To understand Cybersecurity n) Know the Issues in E-commerce. 		
Syllabus:		Hours
Module No. 1: E-commerce and its Technological Aspects		08
Overview of developments in Information Technology and Defining E-Commerce: The scope of E-commerce, Electronic Market, Electronic Data Interchange, Internet Commerce, Benefits and limitations of E-Commerce, Produce a generic framework for E-Commerce, Architectural framework of Electronic Commerce, Web based E-Commerce Architecture.		
Module No. 2: Consumer Oriented E-Commerce		10
E-Retailing, Traditional retailing and e-retailing, Benefits of e-retailing, Key success factors, Models of e-retailing, Features of e-retailing. e-services: Categories of e-services, Web-enabled services, matchmaking services, Information-selling on the web, e-entertainment, Auctions and other specialized services. Business to Business Electronic Commerce.		
Module No. 3: Electronic Data Interchange:		10

Benefits of EDI, EDI technology, EDI standards, EDI communications, EDI Implementation, EDI Agreements, EDI Security. Electronic Payment Systems, Need of Electronic Payment System: Study and examine the use of Electronic Payment system and the protocols used, Electronic Fund Transfer and secure electronic transaction protocol for credit card payment. Digital economy: Identify the methods of payments on the net – Electronic Cash, cheque and credit cards on the Internet.

Module No. 4: Security in E-Commerce Threats in Computer Systems:	08
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Virus, Cyber Crime Network Security: Encryption, Protecting Web server with a Firewall, Firewall and the Security Policy, Network Firewalls and Application Firewalls, Proxy Server.

Module No. 5: Issues in E-Commerce	09
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Understanding Ethical, Social and Political issues in E-Commerce: A model for Organizing the issues, Basic Ethical Concepts, Analyzing Ethical Dilemmas, Candidate Ethical Principles Privacy and Information Rights: Information collected at E-Commerce Websites, The Concept of Privacy, Legal protections Intellectual Property Rights: Types of Intellectual Property Protection, Governance.