

**PONDICHERRY UNIVERSITY**  
**DEPARTMENT OF COMMERCE**  
**SCHOOL OF MANAGEMENT**

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REGULATIONS AND SYLLABUS  
FOR

**M. COM (ACCOUNTING & TAXATION)**  
**(CBCS) DEGREE PROGRAMME**

[FOR THE YEAR 2021-22 ONWARDS]

**DEPARTMENT OF COMMERCE, PONDICHERRY UNIVERSITY**  
**SCHOOL OF MANAGEMENT**  
**M. COM (ACCOUNTING & TAXATION) (CBCS) DEGREE PROGRAMME**  
**LIST OF COURSES OFFERED**  
**(APPLICABLE FROM THE ACADEMIC YEAR 2021-22 ONWARDS)**

Semester	Course Code	Title of the Paper	Hard/Soft	Credit
I	1	Public Finance	H	4
	2	Income Tax Law and Practice	H	4
	3	International Financial Reporting Standard	H	4
	4	Financial Management	H	4
	5	Soft Core 1	S	3
	6	Soft Core 2	S	3
	7	Soft Core 3	S	3
	8	Soft Core 4	S	3
II	1	GST and Customs Law	H	4
	2	Advanced Auditing	H	4
	3	Decisions Accounting	H	4
	4	Advanced Corporate Accounting	H	4
	5	Soft Core 1	S	3
	6	Soft Core 2	S	3
	7	Soft Core 3	S	3
	8	Soft Core 4	S	3
III	1	Accounting Theory	H	4
	2	Financial Statement Analysis	H	4
	3	Personal Tax Planning	H	4
	4	Strategic Cost Management	H	4
	5	Soft Core 1	S	3
	6	Soft Core 2	S	3
	7	Soft Core 3	S	3
	8	Soft Core 4	S	3
IV	1	International Taxation	H	4
	2	Computerized Accounting	H	4
	3	Accounting for Derivatives	H	4
	4	Soft Core 1	S	3
	5	Soft Core 2	S	3
	6	Soft Core 3	S	3
	7	Soft Core 4	S	3
	8	Soft Core 5	S	3

## POOL OF SOFT CORE COURSES

(APPLICABLE FROM THE ACADEMIC YEAR 2021-22 ONWARDS)

(The Department of Commerce would offer courses from the pool of soft core courses to both BF and AT students depending upon the need of students and availability of professors)

<b>Management and Decisions</b>			
Course Code	Title of the Paper	Soft/Hard	Credit
<b>Management and Decision</b>			
1	Managerial Economics	S	3
2	Marketing Strategy	S	3
3	Human Resource Management	S	3
4	Family Business Management	S	3
5	Direct & indirect tax administration	S	3
<b>Decision Tools and Techniques</b>			
6	Business Analytics for Decision Making	S	3
7	Statistics for Business Decisions	S	3
8	Operations Research	S	3
9	Corporate Tax Planning and Management	S	3
10	Contemporary legal framework	S	3
<b>Investment and Risk Management</b>			
11	Investment Valuation	S	3
12	Financial Risk Management	S	3
13	Forensic Accounting and Fraud Risk Management	S	3
14	Personal finance	S	3
<b>Finance and Management</b>			
15	Financial Mathematics	S	3
16	International Accounting	S	3
17	Corporate Governance	S	3
18	Equity Derivatives	S	3
<b>Students Choice (Only up to III semester)</b>			
19	Value added courses	S	3
20	Project / Internship and Viva	S	3
21	Courses from Other Departments	S	3

**M.COM (ACCOUNTING AND TAXATION) DEGREE PROGRAMME  
REGULATIONS  
EFFECTIVE FROM THE ACADEMIC YEAR 2021-22 BATCH ONWARDS**

**AIM OF THE COURSE:** The course aims at specializing in specific areas of core competence of Commerce studies i.e. Accounting and Taxation. This is an area where commerce students have edge over others. It is designed to impart in depth knowledge and professional skills required for handling the Accounts and Taxation related activities of business entities and corporate enterprises.

**ELIGIBILITY OF ADMISSION:** Any B.Com degree with minimum of 50% marks.

**DURATION OF THE COURSE:** The normal duration of the course is two years spread over four semesters. The student has to earn minimum 72 credits to complete the course.

**MEDIUM:** The Medium of instruction shall be English

**COURSE STRUCTURE:** The Course Structure comprises of Hard Core (60 Credits) and Soft Core (Minimum 12 Credits). A student is required to earn at least 72 credits to complete the course.

**EXAMINATION:** Choice Based Credit System (CBCS) is followed in the department. The performance evaluation is based on grading. Grades are awarded at the end of each semester. The final Cumulative Grade Point Average is calculated based on the Grades obtained during the semester exams with the appropriate weightage based in respect of credits.

**DISTRIBUTION OF MARKS BETWEEN INTERNAL AND END SEMESTER EXAMINATION:**

**Internal Assessment** - 40 marks                      **End Semester Examination** – 60 marks

**Internal Assessment:** Internal Assessment is continuous and comprises of 40 marks. The assessment is based on:

- i. Internal Test 1 : 15 Marks
- ii. Internal Test 2 : 15 Marks
- iii. Assignment, seminar, quiz etc. : 10 Marks

(The respective teacher can decide on the distribution of marks between seminar, assignment, quiz etc., out of 10 marks)

**End Semester Examinations:** The end semester examinations will be held for 100 Marks and converted to 60 marks, consisting of Theory, problems and practical depending upon the papers taught and question paper is set and valued by the concerned course teacher himself or herself. After declaration of results within seven days, students can approach the concerned course teacher and inspect the papers valuation. In case if any student is not satisfied with the valuation, they can apply to head of the Department after paying the

prescribed fees for revaluation. The head of the department would follow the University regulation for revaluation.

**MARKS FOR INTERNSHIP AND VIVA:** The students are expected to undertake either internship or research project (may be primary or secondary source based) in any one of the areas of Finance, Accounting, Taxation at the end of II semester during summer vacation for 45 days. Report is to be submitted in the third semester, which will be evaluated along with the III Semester examination. Two presentations each carrying 20 marks as part of internal 40 marks; have to be done during the third semester before all the faculty of the department. Student can submit the final report only when there is a satisfactory progress; if any student fails to make presentations, he or she will not be allowed to submit the project report. The project evaluation and viva constitute the rest 60 marks, which will be evaluated in the III end semester examination by both internal and external examiners.

**PASSING CONDITION:** The students should have a minimum of 40% marks in the End Semester Examination and a minimum of 50% marks in the internal and external put together to pass the examination. There are no minimum pass marks in internals assessment examination.

The failed and absentees of end semester examinations get a chance to write the examination in the semester when the paper is offered not before. Those who are not allowed to attend the examination due to shortage of attendance have to repeat the same course after completing the two years.

### **END SEMESTER EXAMINATIONS QUESTION PAPER PATTERN**

Time: 3 Hours

Maximum Marks: 100

#### **PART – A**

**(5 X 4 = 20 marks) - Answer All Questions.**

##### **Objective:**

- To test the conceptual understanding and subject Knowledge of students.

##### **Rules:**

- Questions should be from all Units of syllabus.
- Reproduction of words from syllabus in question should be avoided
- Both problems and theory questions can be asked.

#### **PART-B**

**(5 X 12 = 60 marks) –EITHER OR type of questions.**

##### **Objective:**

- To test the capability of application of concepts understood or knowledge acquired;

##### **Rules:**

- It is EITHER OR type of questions.
- Answers to these questions should be from independent thinking of students (there should not be any text book answers.
- Each Unit should have two questions in EITHER OR type; both questions are expected to be application of concepts learned by students.
- Direct Problems should not be asked in case of quantitative papers; application of concepts

are to be asked (For example: i) Ratio analysis; students should be asked to write report to be submitted to Management on the financial performance through the calculated ratios; ii) Statistical Techniques: Students may be asked to use the calculated mean, standard deviation, probability for taking business decisions.)

**PART – C**

**(1 X 20 = 20 Marks)- Case Study/Computer Based Practical/Skill Based Question**

**Objective:**

- To test the skill of students to interpret or use computer in solving problems.

**Rule:**

- In case of quantitative papers, students can be asked to solve the problems through computer (For example; Income Tax paper: question can be given to prepare online ITR in computer; in case of Portfolio Management: question can be given to form a portfolio through various online resources available.)
- In case of theory papers, students can be given live cases from current economic/stock market/financial/accounting situations

**MAXIMUM NUMBER OF YEARS PERMITTED AFTER COMPLETION OF SEMESTER IV TO COMPLETE THE COURSE:**

Two years under CBCS regulation.

**GUIDELINES TO DEAL WITH ATTENDANCE SHORTAGE:** The Students are permitted to proceed to the next semesters without break. Under this scheme, the students should repeat papers of the semester in which attendance shortage occurred whenever the paper is offered after completion of IV semesters. The minimum attendance requirement is 70% in each semester to recommend the student for writing the end semester examinations.

**ODD SEMESTER**

**FIRST SEMESTER**

## I 1 PUBLIC FINANCE

Hard Core

4 Credits

<b>Prerequisites</b>	Basic knowledge on economics and RBI policies
<b>Learning Objectives</b>	To impart the knowledge on the key areas in public finance like resource mobilization, public expenditure policy for the good governance.
<b>Learning Outcomes</b>	Interdependence of fiscal and monetary policy
	Understanding various resource mobilization techniques
	Role of taxation and public policy
	Management and control of public expenditure
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Introduction</b>
	Meaning and definition of Public finance – objectives of fiscal policy – full employment anti-inflation, economic growth, redistribution of income and wealth: interdependence of fiscal and monetary policies: Budgetary deficits and its implications: Fiscal policy for stabilization- automatic VS discretionary stabilization: Alternative measures of resource mobilization and their impact on growth, distribution and prices; Balanced budget multiplier.
<b>Unit II</b>	<b>Public Resources Mobilization</b>
	Economics of Taxation. Taxation of income and wealth. Taxation of consumption and trade. Taxation and the environment - taxation and Natural Resources. Tax Incentives, compliance, and enforcement- Tax reform. User Charges.
<b>Unit III</b>	<b>Rationale for Public Policy</b>
	Demand revealing schemes for public goods contributions of Clarks, Groves and Leyard, Tiebout model, theory of club goods; stabilization policy- Keynesian case for stabilization policy; Uncertainty and expectations; failure of /inter-temporal markets; liquidity preference; Social goals; poverty alleviation; provision of infrastructural facilities, removing distributional inequalities and regional imbalances.
<b>Unit IV</b>	<b>Taxation and public Debt</b>
	Tradeoff between equity and efficiency in taxation; theory of measurement of dead weight losses; the problem of Double Taxation. Classical view of Public Debt; Compensatory aspect of Debt policy; Burden of Public Debt; Sources of Public Debt
<b>Unit V</b>	<b>Public Expenditure Policy</b>
	Public Goods and Private Goods. Public choice in determining the level of public expenditure - public sector production and provision, Government Failure, and private sector participation-Public- Private Partnerships in production and provision. Government social protection policies. Assessment of public sector expenditure, efficiency and effectiveness.
<b>Reference Books</b>	Musgrave, R.A. and P.B.Musgrave- Public Finance in theory and practice, McGraw Hill, Tokyo.

	Goode, R. Government Finance in Developing Countries, Brookings Institution Press.
	Herber, B.P. –Modern Public Finance, Silver Arch Books.
	Stiglitz, J.E- Economics of the Public Sector, W. W. Northern & Company.
	Atkinson, A and Stiglitz, J. Lectures in Public Economics, McGraw Hill
	Musgrave, R.A. and P.B.Musgrave- Public Finance in theory and practice, McGraw Hill, Tokyo.
<b>Open Resources</b>	<ol style="list-style-type: none"> <li>1. <a href="https://www.rbi.org.in">https://www.rbi.org.in</a></li> <li>2. <a href="http://www.indiabudget.gov.in">www.indiabudget.gov.in</a></li> <li>3. <a href="http://www.oecd.org">www.oecd.org</a></li> <li>4. <a href="https://dea.gov.in">https://dea.gov.in</a></li> </ol>
<b>Tools and Softwares</b>	

## I 2 INCOME TAX LAW AND PRACTICE

Hard Core

4 Credits

<b>Prerequisites</b>	Basic provisions of Income Tax Law
<b>Learning Objectives</b>	To create the capacity of the stakeholder to manage various tax issues for their practical Life and help them to undertake advisory positions in any organization.
<b>Learning Outcomes</b>	Computation income
	Assessment of Tax Liabilities
	Basic provisions of International Taxation
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Concept of Income Tax</b>
	Concept of Income. Residential Status of the Individual, HUF, AOP, Firm & Company- Relationship between Residential Status and Taxable Income- Exempted Incomes. Direct Tax Reforms.
<b>Unit II</b>	<b>Computation of Gross Total Income</b>
	Heads of Income, Computation of total income, Deductions, set off and carry forward of losses.
<b>Unit III</b>	<b>Computation of Tax Liability</b>
	Tax Liability of Individuals. Tax Liability of Hindu Undivided Family. Tax Liability of Partnership Firms and Companies. Relief and Rebate
<b>Unit IV</b>	<b>Tax Authorities and Assessment</b>
	Income Tax Authorities. Kinds of Assessment. Income Tax Authorities - Powers of the Central Board of Direct Taxes (CBDT), Commissioners of Income Tax and Income Tax officers. Assessment Procedures- Self Assessment - Best Judgement Assessment - Income Escaping Assessment (Re assessment) - Advance Payment of Tax - Meaning and Due dates. Penalties. Settlement Procedures.
<b>Unit V</b>	<b>e-filing &amp; Submission of Returns</b>
	Types of Return. Filing & filing of Return. e-filing - Concept - Procedure - 26AS - TDS - Traces - Filing of Return - Various Returns- Permanent Account Number (PAN) - Usage of PAN - Concept of Transfer Pricing - Fundamentals.
<b>Reference Books</b>	V.K. Singhania and Kapil Singhania Direct Tax Law and Practice Taxmann Publication 53th Edition 2018
	H.C. Mehrotra and S.P. Gopyal Income Tax Law and Accounts, Sahitya Bhawan Publications 13th editions 2018.
	Gaur and Narang Income Tax law and practices Kalyani Publication 43th edition 2018
	Bhagawati Prasad direct tax law and Practice WishwaPrakashan 14th edition 2018
	Direct Tax Code Bill 2010 Taxmann Publication 2010

<b>Open Resources</b>	<a href="http://www.incometaxindia.gov.in">www.incometaxindia.gov.in</a>
<b>Tools and Softwares</b>	

**I 3 INTERNATIONAL FINANCIAL REPORTING STANDARDS**  
**Hard Core** **4 Credits**

<b>Prerequisites</b>	Expertise on Indian and International Accounting Standards
<b>Learning Objectives</b>	To expose students to the prevailing International Accounting and reporting Systems and to increase the employability of students in MNCs.
<b>Learning Outcomes</b>	Reporting of accounting information in line with the International Accounting Standard
	Computations of Accounting informations
	Harmonization of standards
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>International Accounting</b>
	Introduction, Differences in Accounting Practices, Concept of Harmonization, Need for Standardization. IFRS: US GAAP and Indian AS including IND AS. Recent development in reporting: XBRL and Integrated reporting. IFRS and Taxation. Status of International Accounting Education, The Accounting Profession in Selected Countries.
<b>Unit II</b>	<b>International Accounting Standards Board</b>
	History and Development of the IASB. Functions of IASB, Research and Standard setting, Implementation, Members of IASB. Funding of IASB. International Accounting Standards Board vs Financial Accounting Standards Board.
<b>Unit III</b>	<b>Elements of financial statements</b>
	Share-based Payment. Business Combinations. Insurance Contracts. Non-current Assets Held for Sale and Discontinued Operations. Exploration for and Evaluation of Mineral Resources.
<b>Unit IV</b>	<b>Presentation of external reports for combined entities, associates and joint arrangements</b>
	Financial Instruments Disclosures. Operating Segments. Financial Instruments. Consolidated Financial Statements. Joint Arrangements, Disclosure of Interests in Other Entities.
<b>Unit V</b>	<b>Presentation of accounts and additional disclosures</b>
	Fair Value Measurement, Regulatory Deferral Accounts, and revenue from Contracts with Customers. Leases. Insurance Contracts. IFRS Practices by Indian and Multi-National Companies.
<b>Reference Books</b>	Mohapatra Das.A.K. International Accounting, Prentic Hall of India, New Delhi.
	Rathore, Shirin, International accounting, PHI learning, New Delhi.
	Peter Walton, International Accounting, International Thomson Business press.

	Saudagaran, Shahorkh.M, International accounting a user perspective- Cengage learning India Pvt. Ltd, New Delhi.
	Nobes Christopher & Parker Robert. Comparative international accounting - Research Education Asia, New Delhi
<b>Open Resources</b>	<a href="https://www.ifrs.org/">https://www.ifrs.org/</a>
<b>Tools and Softwares</b>	

## I 4 FINANCIAL MANAGEMENT

Hard Core

4 Credits

<b>Prerequisites</b>	Basic knowledge on the finance function and financial decisions
<b>Learning Objectives</b>	It is to provide an insight into the broad framework of Financial Management. It also attempts to impart the skills necessary for making financial decisions
<b>Learning Outcomes</b>	Can make various finance decisions like investment, capital structure, dividend etc.,
	Understand the objectives of the firm
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Overview</b>
	Functions of financial manager – Profit Maximization – Wealth Maximization – financial health maximisation – Finance Function. Time Value of Money – Future Value – Present Value - Single flow -Annuity Flow- Multiple compounding periods – Doubling Period – Sinking Fund Factor etc. – risk return trade off.
<b>Unit II</b>	<b>Investment Decision</b>
	Traditional and Discounted cash flow Techniques - Risk Analysis in Investment Decision. Concept of Cost of Capital – Components cost and overall Cost of capital – Cost of Debt – redeemable and irredeemable – Cost of Preference – Cost of Equity – Internal and External– Weighted Average Cost of Capital – Book Value – Market Value Weights
<b>Unit III</b>	<b>Capital Structure Decision</b>
	Sources of Finance – debt – Equity – Preference – Leverage – Operating leverage – Financial Leverage – Combined Leverage – Theories – Net Income Approach – Net Operating Income Approach – MM Approach – Traditional Approach – Practical - Determinants of capital structure.
<b>Unit IV</b>	<b>Working Capital Management</b>
	Overall Considerations – Duration of Operating Cycle – Investment in Current Assets – Management of Individual Components – Cash Management – Receivables Management – Inventory Management – Current Asset Financing.
<b>Unit V</b>	<b>Dividend Decision</b>
	Theories – Modigliani and Miller Approach – Walter Model – Gordon Model – Dividend Policy and Share Valuation – Stock Splits – Bonus Shares – Practical Aspects of Dividend Policy – Corporate Dividend Behavior
<b>Reference Books</b>	James C.Van Horne ,Financial Management &Policy, Prentice Hall of India, New Delhi, Latest Edition
	Eugene H Brigham, Fundamentals of Financial Management, Dryden Press, New York, Latest Edition

	Pandey. I.M, Financial Management, Vikas Publishing House, New Delhi, Latest Edition
	Khan M.Y& Jain P.K. Financial Management, Tata McGraw Hill, New Delhi Latest Edition
	Prasanna Chandra, Financial Management Theory & Practice, Tata McGraw Hill Latest Edition
<b>Open Resources</b>	
<b>Tools and Softwares</b>	Basic finance function in Excel

**EVEN SEMESTER**  
**SECOND SEMESTER**

## II 1 GST AND CUSTOMS LAW

**Hard Core**

**4 Credits**

<b>Prerequisites</b>	Knowledge on Taxation and Income Tax
<b>Learning Objectives</b>	To understand the indirect tax provisions and recent amendments regarding indirect tax system in India.
	To get expert opinion to finalize management decisions in connection with various indirect tax issues.
<b>Learning Outcomes</b>	Understand the concept of Indirect Tax and Custom Laws and exemption of duties
	Build knowledge on concepts of GST and the implementation of GST in India
	Classify the Goods and services exempted from tax and understand the procedures of registration and collection of tax
	Develop knowledge about Input Tax credit, tax credit in special circumstances and Reverse Charge Mechanism
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Indirect Tax System</b>
	Principles of Taxation, Taxable Capacity. Scope, Indirect Taxes vs Direct Taxes. Indirect Taxes Reforms: VAT to GST, Indirect Taxes Planning.
<b>Unit II</b>	<b>Introduction to GST</b>
	Need for GST in India, Challenges in Designing GST. Origin- based versus Destination-based Taxation. Registration and Threshold. Composition Scheme. Tax Administration. GST Model. Compensation to States. GST Act & Rules
<b>Unit III</b>	<b>Levy &amp; Collection of GST</b>
	Tax invoice. Credit and Debit Note. Exemption from GST. E Way Bill. Return. Payment of Tax. Input Tax Credit. Job work. Refunds.
<b>Unit IV</b>	<b>Administration of GST</b>
	Goods and Services Tax Council. Advance Ruling. Demands and Recovery. Appeal and Revision. Offences & Penalties. Anti-Profiteering Measures. Avoidance of Dual Control.
<b>Unit V</b>	<b>Customs Laws</b>
	Introduction to Customs Law. Types of Customs Duty. Valuation for Customs Duty. Procedures for Imports and Export Baggage. Postal Articles. Stores. Exemptions. Remissions. Demand Recovery. Refunds Exports Incentives. Tribunal. Customs administration – Customs Act and Rules
<b>Reference Books</b>	CA Anoop Modi & CA Mahesh Gupta, GST & Customs Law, SBPD Publications 2018

	Datey V.S Indirect taxes – Laws and Practice, Tax Mann Publication (P) Ltd., New Delhi.24th edn 2010
	V.K. Singhania and Monica Singhania Students guide to Income Tax including Service Tax and VAT Taxmann Publication 44th edition 2010
	V.S. Datey Elements at Central Excise and Customs Law Taxmann Publication 5th edition 2007
	Bansal, K.M, GST & Customs Law, University Edition, 4th Edition, January 2020, Taxmann's.
<b>Open Resources</b>	<a href="https://www.gst.gov.in/">https://www.gst.gov.in/</a> <a href="https://www.cbic.gov.in">https://www.cbic.gov.in</a>
<b>Tools and Softwares</b>	

## II 2 ADVANCED AUDITING

Hard Core

4 Credits

<b>Prerequisites</b>	Basic knowledge on Auditing
<b>Learning Objectives</b>	To acquire the ability to analyse current auditing practices. procedures and application of the same in auditing engagements
<b>Learning Outcomes</b>	Planning and execution of audit
	Implementation procedures of audit and forensic audit
	Understanding the audit regulations
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Auditing Standards, Planning and execution:</b>
	Engagement & Quality Control Standards, Statements and Guidance Notes on Auditing issued by the ICAI; Planning the Flow of Audit Work; Analytical Procedures Prior to Audit as well as towards finalization; Auditor's Expert – Meaning, Need and Agreement with the Auditor's Expert, Adequacy of the Auditor's Expert's Work.
<b>Unit II</b>	<b>Audit of Limited Company, LLP and Public Sector</b>
	Application of Relevant Provisions under Companies Act, 2013; Special Features of Audit of Limited Liability Partnerships (LLPs). Audit Report under the Companies Act, 2013: opinion, types of Audit and Reporting under CARO; Audit Committee and Corporate Governance: Role of Auditor and Certification of Compliance of Corporate Governance; Compliances with Laws and Regulations; Disclosure requirements. Audit of Consolidated Financial Statements. Audit of public Sector undertakings: special features, director of Comptroller and Auditor General of India.
<b>Unit III</b>	<b>Audit Regulation</b>
	Special Features of Audit of Banks, Insurance & Non-Banking Financial Companies; Audit under Fiscal Laws: Audit under Fiscal Laws, viz, Direct and Indirect Tax Laws including Documentation for Form 3CD etc. Liabilities of Auditors: Professional Negligence; Civil Liabilities; Criminal Liabilities; Liabilities under Different Statutes; Internal Audit, Management and Operational Audit.
<b>Unit IV</b>	<b>Due Diligence, Investigation and Forensic Audit</b>
	Due Diligence Review; Audit versus Investigation; Steps for Investigation; Types of Investigation; Procedure, Powers, etc. of Investigator; Types of Fraud, Indicators of Fraud, Follow-up thereof; Forensic Audit- meaning, difference between Statutory Audit and Forensic Audit, Forensic Audit Techniques, Forensic Audit Report etc.

<b>Unit V</b>	<b>Peer Review, Quality Review and professional ethics</b>
	Meaning, importance and techniques of peer review and quality review; Professional Ethics: Code of Ethics with special reference to the relevant provisions of the Chartered Accountants Act, 1949 and the Regulations thereunder.
<b>Reference Books</b>	CA. Surbhi Bansal, Advanced Auditing & Professional Ethics, Bestword Publication Pvt Ltd.
	Tandon B.N, Sudharsanam S, A Hand Book of Practical Auditing, S. Chand Publishing.
	Aruna Jha, Auditing, 7th Edition, Taxmann Publications Pvt Ltd, New Delhi.
	Anil Kumar, Lovleen Gupta, Jyotsna Rajan Arora, Auditing and Corporate Governance, 3rd Edition, Taxmann's Publication Pvt Ltd.
	Ashish Kumar Sana, Swapan Sarkar, Bappaditya Biswas, Auditing and Assurance, 2nd Edition, McGraw- Hill.
<b>Open Resources</b>	<a href="https://cbic-gst.gov.in/CGST-bill-e.html">https://cbic-gst.gov.in/CGST-bill-e.html</a>
<b>Tools and Softwares</b>	

## II 3 DECISIONS ACCOUNTING

Hard Core

4 Credits

<b>Prerequisites</b>	Basic knowledge on Financial, Cost and Management accounting
<b>Learning Objectives</b>	To gain acquaintance with the principles of financial, Cost & Management Accounting
	To enable the students to take decisions using management accounting tools.
<b>Learning Outcomes</b>	Recall the importance of Management accounting and Imbibe critical thinking skills to analyze financial statements.
	Understanding the Budget & budgetary control and Standard costing techniques to achieve a desired cost objective.
	Understand the job ,contract and Process costing procedures and to build knowledge on new costing techniques for effective cost management
	Analyze Cost-volume-Profit techniques to determine Optimal managerial decisions like make or buy decisions, shut down or continue.
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Mechanics of Financial Accounting</b>
	Financial Statements, Financial Accounting Regulations, CashFlow Statements; Ratio Analysis.
<b>Unit II</b>	<b>Financial Health Analysis</b>
	Assessing Financial Health, Asset Management, Cost Management, Leverage Management, Risk Management and Bench-marking.
<b>Unit III</b>	<b>Product Costing</b>
	Methods of Product Costing, Job Costing, Customer Costing, Process Costing, Indirect Cost and Allocation, Misallocation of indirect Cost; Activity based costing.
<b>Unit IV</b>	<b>Cost Analysis for Decision Making</b>
	Absorption Vs. Marginal Costing, Behaviour of costs, Break Even Analysis, BEP in Multi-Product Environment, Pricing Decision, Make or Buy Decision, Discontinuing product or closing of divisions, Optimal Product Mix, Operating Leverage.
<b>Unit V</b>	<b>Budgeting and Variance Analysis</b>
	Strategic Planning and Budgets, Budgeting Process, Preparation of Master Budget, Setting Standards, Variance Analysis: General Framework, Fixed and Variable Overhead Variance, Material Mix Variance, Sales and Sales Mix Variance and Investigating Variance.

<b>Reference Books</b>	S.N. Maheswari, Management Accounts, Sultan Chand & Sons, New Delhi
	Jain S. P and K.L. Narang : K.L: Advanced Costing, Kalyani Publishers Ludhiana 2009
	M.Y.Khan and P.K. Jain: Cost Accounting, Tata McGraw Hill Co., New Delhi 2009
	R.L. Gupta and Others: Advanced Accountancy, Sultan Chand Sons, New Delhi.
	Charles T. Horagren: Cost Accounting: A Managerial Emphasis Pearson Prentice Hall, New Delhi 2009.
<b>Open Resources</b>	
<b>Tools and Softwares</b>	

## II 4ADVANCED CORPORATE ACCOUNTING

Hard Core

4 Credits

<b>Prerequisites</b>	Basic knowledge on corporate accounting
<b>Learning Objectives</b>	To enable the students to understand and apply accounting procedure relating to Joint Stock Companies and Public utility undertakings.
<b>Learning Outcomes</b>	Computations of Goodwill and shares
	Making decisions on Amalgamation, absorption and reconstructions
	Calculations and reporting of income and balance sheets of holding and subsidiary companies
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Valuation of Goodwill</b>
	Factors affecting value of Goodwill – Need for valuation Methods of valuation of Goodwill – Valuation of Shares – Need for valuation – Methods of valuation of preference shares and Equity shares
<b>Unit II</b>	<b>Amalgamation, Absorption and External reconstruction of companies</b>
	Purchase consideration – Accounting treatment – Books of Purchasing company – Books of Vendor company – Intercompany Owings – Intercompany unrealized profit – Intercompany Holdings – Acquisition of Business
<b>Unit III</b>	<b>Alteration of share capital and Internal Re-Construction</b>
	Scheme of capital reduction – steps for Reconstruction –Liquidation of companies – Order of payment – Statement of Affairs and Deficiency/Surplus Account –Liquidator's Final Statement of Account.
<b>Unit IV</b>	<b>Holding Company Accounts</b>
	Preparation of consolidated Balance Sheet – Minority interest – Cost of control – capital resolve – Intercompany Balance-Unrealized Inter Company Profits – More than one subsidiary –Intercompany Holdings – Consolidation of Profit and loss Account.
<b>Unit V</b>	<b>Double Account system</b>
	Features of Double Account system-Difference between single account system and double account system – Receipts and Expenditure on capital Accounts – Revenue Account – Net Revenue Account – General Balance Sheet – Replacement of an asset – Accounts of Electricity companies – Special financial provisions relating to electricity companies.
<b>Reference Books</b>	S.P. Jain and K.L. Narang: Advanced Accounting, kalyani Publishers, New Delhi.

	R.S.N. Pillai, Bagavathi, S. Uma: Advanced Accounting, S. Chand & Co., New Delhi.
	M.C. Shukla: Advanced Accounts, S. Chand & co., New Delhi
	Mukherjee and M. haneef: Modern Accountancy, Tata McGraw Hill, New Delhi
	B.K. Banerjee: Financial Accounting, PHI Learning (P) Ltd., New Delhi.
<b>Open Resources</b>	<a href="https://www.icsi.edu">https://www.icsi.edu</a>
<b>Tools and Softwares</b>	

**ODD SEMESTER**

**THIRD SEMESTER**

### III 1 ACCOUNTING THEORY

Hard Core

4 Credits

<b>Prerequisites</b>	Basic knowledge on theories of accounting
<b>Learning Objectives</b>	This course is aimed at students who seek accounting as their profession or an area for research. This course is indented to develop an in-depth knowledge in the area of accounting and study the differences in accounting theory and practice.
<b>Learning Outcomes</b>	Formulation, testing of accounting theory,
	Reporting practices of accounting information
	Understanding the relationship between Behavioural research and accounting
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Theory and method</b>
	Overview of Accounting Theory - Theory Formulation-Testing a theory- Accounting theory Construction-Pragmatic theories-Syntactic and Semantic theories-Normative theories-Positive theories. Measurement Theory: what is measurement- Scales-Permissible operations of scales-Types of Measurement-Reliability and Accuracy
<b>Unit II</b>	<b>Accounting Under Ideal Conditions</b>
	The Present Value Model Under Certainty-The Present Value Model Under Uncertainty- Historical Cost Accounting Revisited- The Decision Usefulness Approach to Financial Reporting- Single-Person Decision Theory The Rational, Risk-Averse Investor The Principle of Portfolio Diversification Increasing the Decision Usefulness of Financial Reporting- The Reaction of Professional Accounting Bodies to the Decision Usefulness Approach
<b>Unit III</b>	<b>Efficient Securities Markets</b>
	Implications of Efficient Securities Markets for Financial Reporting the Informativeness of Price- A Model of Cost of Capital- Information Asymmetry-The Value Relevance of Accounting Information-The Measurement Approach to Decision Usefulness- Efficient Securities Market-Anomalies-Limits to Arbitrage- A Defense of Average Investor Rationality-Measurement Applications
<b>Unit IV</b>	<b>Behavioural Research In accounting</b>
	Development of Behavioural Accounting-The Brunswick Lens Model- - Probabilistic judgment –Accounting and Behaviour-Standard setting in a

	political environment-Development of Indian standard setting procedure-Theories of Regulation-Public interest theory-Regulatory capture theory-Private Interest theory-Standard setting approaches-Free or regulated market?
<b>Unit V</b>	<b>Conceptual framework of accounting</b>
	Information for decision making-Decision theory approach-Scientific criticisms of conceptual framework-Measurement of Assets and Liabilities-Subjective value-True economic value-Approximations of true value-Valuation Methods- Present value-Expected cash-historical cost-Market price-Special cases
<b>Reference Books</b>	Godfrey Jayne, Hodgson Allan, Holmes Scott., “Accounting theory” John Wiley and Sons Australia Limited
	Ahmed Riahi- Belkaoui “Accounting theory” Cengage Learning EMEA, 2004
	William R Scott Financial Accounting Theory , Pearson ,2015
	Harry I. Wolk, Michael G. Tearney Accounting theory: a conceptual and institutional approach South-Western College Pub., 2001.
	Harry I. Wolk, James L. Dodd, John J. Rozycki Accounting theory: conceptual issues in a political and economic environment Sage Publications, 2007.
<b>Open Resources</b>	
<b>Tools and Softwares</b>	

### III 2 FINANCIAL STATEMENT ANALYSIS

Hard Core

4 Credits

<b>Prerequisites</b>	Broad understanding of financial statements and ratio analysis
<b>Learning Objectives</b>	This course provide an indebt knowledge on the tools and techniques of analyzing financial statement.
<b>Learning Outcomes</b>	Applications of financial statement analysis tools
	Financial forecasting
	Valuation of various items of financial statements
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>The Basic Financial Statements</b>
	Income Statement-Building an Income Statement in Excel-The Balance Sheet-Building a Balance Sheet in-Building a Statement of Cash Flows-Common-Size Statement of Cash Flows- The Cash Budget -Collections and Disbursements-Calculating the Ending Cash Balance-Repaying Short-Term Borrowing-Using the Cash Budget for What-If Analysis
<b>Unit II</b>	<b>Financial Statement Analysis Tools</b>
	Liquidity Ratios- -Efficiency Ratios Inventory Turnover Ratio-Accounts Receivable Turnover Ratio-Average Collection Period-Fixed Asset Turnover Ratio-Total Asset Turnover Ratio-Leverage Ratios-Coverage Ratios-Profitability Ratios-DuPont Analysis Analysis of EPI's Profitability Ratios-Financial Distress Prediction-The Original Z-Score Model-The Z-Score Model for Private Firms-Using Financial Ratios-Trend Analysis-Comparing to Industry Averages-Company Goals and Debt Covenants
<b>Unit III</b>	<b>Financial Forecasting</b>
	The Percent of Sales Method-Forecasting the Income Statement- Forecasting Assets on the Balance Sheet- Forecasting Liabilities on the Balance Sheet-Discretionary Financing Needed-Using Iteration to Eliminate DFN-Other Forecasting Methods-Linear Trend Extrapolation-Break-Even and Leverage Analysis--Leverage Analysis -The Time Value of Money
<b>Unit IV</b>	<b>Common Stock Valuation</b>

	What Is Value-Fundamentals of Valuation-Determining the Required Rate of Return-A Simple Risk Premium Model-CAPM-Valuing Common-Alternative Discounted Cash Flow Models-relative Value Models Preferred Stock Bond Valuation -Bond Price Sensitivities-Duration and Convexity- The Cost of Capital-The Appropriate “Hurdle” Rate - Capital Budgeting-The Optimal Capital Budget -Risk and Capital Budgeting
<b>Unit V</b>	<b>Analysis through free software</b>
	Practical aspects of financial statement analysis through R, Excel.
<b>Reference Books</b>	Timothy R Mayes Financial Analysis with Microsoft Excel Cengage Learning 2014
	How to Analyze Financial Statements (2017) Second edition, Kakani Ramchandran, Publisher: McGraw Hill Education
	Financial Statement Analysis and Security Valuation (2017) Fourth edition, Stephen H. Penman, Publisher: McGraw Hill Education;
	Business Analysis and Valuation: Using Financial Statements (2015) 5th edition, Krishna G. Palepu, Publisher: Cengage Publications;
	Financial Management, Theory and Practice (2019) Tenth edition, Prasanna Chandra, Publisher: McGraw-Hill
<b>Open Resources</b>	
<b>Tools and Softwares</b>	R software & Excel

### III 3 PERSONAL TAX PLANNING

Hard Core

4 Credits

<b>Prerequisites</b>	Basic understanding of Income Tax provisions
<b>Learning Objectives</b>	To educate the students with the various tax planning measures and instruments and devices and management of personal tax matters
<b>Learning Outcomes</b>	Understanding the basic concept of personal tax planning
	Application of tax provisions with respect residence, heads of income and investment
	Usages of personal tax planning tools
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Tax Planning</b>
	Need for Tax Planning – Principles and objectives of Tax Planning Obligation of parties to Tax Planning – Tax Planning, Tax Avoidance and Tax Evasion – Legal thinking on Tax planning – Tax Avoidance and Tax Evasion – Personal Tax Planning – Scope of Personal Tax Planning.
<b>Unit II</b>	<b>Tax Planning with reference to Residential status</b>
	Tax Planning through exempted incomes – Tax Planning through permissible deductions – Tax Planning with reference to clubbing provisions – Tax Planning through set off and carry forward of losses
<b>Unit III</b>	<b>Tax planning for different Heads of Income</b>
	Tax Planning measures relating to income from salary –Income from House property –Income from Business or profession – Income in the form of capital gains and income from other sources.
<b>Unit IV</b>	<b>Tax planning through investments</b>
	Tax Planning through various tax saving investment avenues available for individuals like Mutual funds Unit linked insurance plans, Bonds, Equity linked savings schemes, Post Office Saving schemes and others.
<b>Unit V</b>	<b>Personal Tax Management</b>
	Assessment of individuals – Assessment procedure – Advance payment of tax – Tax deductions or collection at source – Appeals and revisions – personal

	tax Planning with reference to wealth tax and gift tax.
<b>Reference Books</b>	Singhania V.K.: Direct Taxes : Law and Practice, Taxmann Publications, New Delhi.
	B.B. Lal: Direct Taxes – Income Tax, Wealth Tax and Tax Planning, Pearson Education, Delhi.
	V.S. Datey: Indirect Taxes: Law and Practice, Taxmann Publications, New Delhi.
	Gaur and Narang: Income Tax Law and Practice, Kalyani Publishers, New Delhi.
	Vision Book Series on Tax Planning, latest editions
<b>Open Resources</b>	<a href="http://www.incometaxindia.gov.in">www.incometaxindia.gov.in</a>
<b>Tools and Software</b>	

### III 4 STRATEGIC COST MANAGEMENT

Hard Core

4 Credits

<b>Prerequisites</b>	Basic knowledge on cost techniques
<b>Learning Objectives</b>	This paper provides advanced cost management tools and strategies for controlling and managing the cost in an organisation
<b>Learning Outcomes</b>	Understanding the cost strategies
	Cost control and cost reduction
	Cost management for specific industry
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Introduction to Strategic Cost Management (SCM)</b>
	Traditional Cost management, Strategic Cost Management, Components of SCM, Strategic frameworks for value chain analysis, Superior performance & Competitive advantage; The value chain approach for assessing competitive advantage; Vision, Mission and Objectives of SCM; Value shop model.
<b>Unit II</b>	<b>Introduction to Modern Business Environment</b>
	Cost of Quality (COQ); Total Quality Management (TQM); The Business Excellence Model; Theory of Constraints; Throughput Accounting; Supply Chain Management; Gain Sharing Arrangements; Outsourcing.
<b>Unit III</b>	<b>Introduction to Lean System</b>
	Just-In-Time (JIT); Kaizen Costing; 5Ss; Total Productive Maintenance (TPM); Cellular Manufacturing/ One Piece Flow Production System; Six Sigma; Process Innovation and Business Process Re- Engineering; Process Innovation; Business Process Reengineering.
<b>Unit IV</b>	<b>Cost Control/ Waste Control and Cost Reduction</b>
	Target Costing; Value analysis; Life Cycle Costing; Pareto Analysis; Environmental Management Accounting [EMA].
<b>Unit V</b>	<b>Cost Management for Specific Sector</b>
	Power Sector; Agriculture Sector; Information Technology (IT) Sector.
<b>Reference Books</b>	Shank Govindarajan, Strategic Cost Management: The New Tool for Competitive Advantage, Simon & Schuster Publication.

	Ravi M. Kishore, Strategic Cost Management, 5th Edition, Taxmann's Publication.
	Pudhuka, Students Handbook on Strategic Cost Management & Performance Evaluation: For CA Final New Syllabus, Commercial Law Publisher (India) Pvt.Ltd,
	Bandgar, P.K, Strategic Cost Management, Himalaya Publishing House.
	Nicholas Tomalin Ron Hall, Cost Management: A Strategic Emphasis PB, 6th International Edition, McGraw- Hill Education India Pvt Ltd.
<b>Open Resources</b>	
<b>Tools and Softwares</b>	

**EVEN SEMESTER**

**FOURTH SEMESTER**

## IV 1 INTERNATIONAL TAXATION

**Hard Core**

**4 Credits**

<b>Prerequisites</b>	Basic provisions of International taxation
<b>Learning Objectives</b>	This course aims at providing basic concepts in international taxation and comparison of Indian tax system with international tax system
<b>Learning Outcomes</b>	Understanding the basic principles of international taxation
	Avoidance of double taxation
	Applications of international tax provisions on cross border merger and acquisition
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Basic Principles of International Tax Law</b>
	Jurisdiction to tax, including limits to tax jurisdiction; Taxes and Tax System; State Practice in exercising tax jurisdiction; Causes of international double taxation; Methods of relief from international double taxation; Private international law and taxation; history of international tax law; European Union Law and international Taxation; Taxation and International Human Rights Instruments; State Responsibility in international taxation.
<b>Unit II</b>	<b>Double Taxation Convention (OECD Model)</b>
	Types and Domestic Law; Format and structure; Approach to the application; interpretations; Provisions relating to the scope; Key definitional provisions; Provisions relating to businesses- individual-investment income & gains; relevance of the other income; limitation of benefit provisions; methods of elimination of double taxation; the resolution of disputes; application in electronic commerce; the digital economy.
<b>Unit III</b>	<b>Transfer Pricing and thin Capitalization rules</b>
	Approaches to the determination of profits of branches and associated enterprises; state practices; transfer pricing and double taxation convention; advanced pricing agreements; the OECD transfer pricing guidelines; Transfer pricing and BEPS; Transfer pricing and developing countries; thin

	capitalization and state practices; thin capitalization legislation and double taxation conventions.
<b>Unit IV</b>	<b>International Tax Avoidance</b>
	Tax Havens; Domestic Law approaches to international tax avoidance; Money-laundering legislation; co-operation between revenue authorities; conventions for administrative assistance in tax administration; base erosion and profit shifting.
<b>Unit V</b>	<b>Miscellaneous Topics</b>
	Indirect taxes; Cross-border mergers; Estate and gift taxation and international issues.
<b>Reference Books</b>	Russo, R, Finnerty, CJ, Merks, P, PettriconeM, Fundamentals of International Tax Planning
	Holmes, Kevin, International Tax Policy and Double Taxation Treaties (IBFD, 2007) Baker, Philip, Double Taxation Conventions and International Tax Law, (London, Sweet & Maxwell, 3rd edition, 2001)
	Williams, David W., Trends in International Taxation, (Amsterdam, International Bureau of Fiscal Documentation, 1991)
	Ogley, Adrian, Principles of International Taxation: A Multinational Perspective (London, Interfisc Publishing, 1993) Qureshi, Asif, The Public International Law of Taxation: Text, Cases and Materials (London, Kluwer Law International, 1994)
	Rohatgi, Roy Basic International Taxation – Volume 1 (Principles) (London BNA International, 2nd Ed, 2007)
<b>Open Resources</b>	<a href="https://www.icai.org/post.html?post_id=14458">https://www.icai.org/post.html?post_id=14458</a>
<b>Tools and Softwares</b>	

## IV 2 COMPUTERISED ACCOUNTING

Hard Core

4 Credits

<b>Prerequisites</b>	Basic knowledge on the application of accounting softwares
<b>Learning Objectives</b>	The purpose of this course is to give hands-on experience to students on cloud computing and help them to maintain the accounts of a firm independently
<b>Learning Outcomes</b>	Understanding the functions of accounting functions through computer
	Usage and application accounting software
	Valuations of financial information using computer
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Cloud-based accounting: the Basics</b>
	Sample Company Sign In-User Interface-Dashboard-Account and Settings-Chart of Accounts- Recent Transactions-Reports- Journal-Create an Invoice-Customer Invoice-Receive Payment-Income-A/R Aging Summary-Transaction Detail by Account-Company Snapshot-Sales Receipt-Enter a Bill-Journal Report
<b>Unit II</b>	<b>New Company Setup Getting Started</b>
	Set Up Your Account-Dashboard or Home Page-Navigation Bar-Chart of Accounts-Add Accounts-Edit Accounts-Batch-Edit-Company Administrator-User Roles and Access Rights-Accountant User-Audit Log
<b>Unit III</b>	<b>Balances and Transaction Register</b>
	Journal Entry-Account List- Transaction Register-Expense Account Distribution-Sales Receipt-Add Customer-Add Non-Inventory Product/Service-Cash Sales-Sales Receipt Account Distribution-Transfer Account Distribution-Dashboard or Home Page-Bank Accounts-Profit and Loss-Expenses-Income-Sales-Reports-Journal-Trial Balance-Profit and Loss-Balance Sheet
<b>Unit IV</b>	<b>Vendors and Inventory</b>
	Account Reconciliation-Checking Account Register -Trial Balance-Accounts Payable: Vendors-Vendors Page-Create New Checks-New Vendors-Vendor

	Contact List-Audit Log-Inventory Products and Services-Vendor Transactions-Transaction Detail by Account Vendor Balance Summary-Customers and Sales-Customer Settings-Add Customers-Customer Invoices Sales Returns: Customer Credit-Inventory Valuation Summary -Vendor Balance Summary
<b>Unit V</b>	<b>Analysis and Reports</b>
	Closing the Fiscal Year-Post closing Trial Balance-Analyze Reports -List Reports vs. Balance or Totaled Reports -Customize Reports-Certification, Report Customization
<b>Reference Books</b>	Carol Yacht and Susan Crosson Computer Accounting with QuickBooks Online: A Cloud-Based Approach Mc Graw Hill 2018
	Computerized Accounting with QuickBooks 2019 (Desktop Version) (2020) by Gayle Williams , Cambridge Business Publisher
	Computerized Accounting with Quickbooks 5.0(1997) by Janet Horne, Publisher: Pearson
	Computer Accounting with QuickBooks Online 2nd Edition By Donna Kay, McGraw-Hill publication
	Rasananda Mohanty, Sanjay Kumar Satapathy Computer Application in Business Accounting, Himalaya Publishing House
<b>Open Resources</b>	<a href="http://www.himpub.com/documents/Chapter1197.pdf">http://www.himpub.com/documents/Chapter1197.pdf</a>
<b>Tools and Softwares</b>	Tally, MS Excel, SAP

### IV.3. ACCOUNTING FOR DERIVATIVES

Hard Core

4 Credits

<b>Prerequisites</b>	Basics of accounting
<b>Learning Objectives</b>	To impart the knowledge on the derivatives accounting and its implications on the balance sheet items
<b>Learning Outcomes</b>	Measurement and Valuations of derivatives
	Techniques of derivatives accounting
	Reporting practices of derivatives accounting
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Derivatives and its Valuation</b>
	Meaning and purpose of derivatives; forward contracts Future contracts options, swaps and other derivatives. Valuation of future, option and swaps.
<b>Unit II</b>	<b>Accounting for Foreign Exchange Rate Fluctuations</b>
	An overview of foreign currency markets and exchange rates. Accounting for spot and forward foreign currency transactions. Foreign currency translation methods- current rate method, current/non-current method, monetary/non-monetary method and temporal method. IFRS on foreign currency exchange accounting. Problems and Case study analysis.
<b>Unit III</b>	<b>Hedge Accounting</b>
	Types of Hedges, Hedged item candidates, hedging instruments candidates, Hedging relationship documentation, Hedge effectiveness assessment, rebalancing, discontinuation of hedge accounting, options and hedge accounting, forwards and hedge accounting.
<b>Unit IV</b>	<b>Fair Valuation- Credit and Debit valuation adjustments</b>
	Fair Valuation: Overview of IFRS, Overnight Index Swap Discounting, Derivative Instruments: FX forwards, interest rate swaps, cross-currency swaps, standard options, exotic options, barrier options, range accruals;

	hedging foreign exchange risk: Types of exposures, translation rates, foreign currency transactions.
<b>Unit V</b>	<b>Hedge accounting: A double edged sword</b>
	Positive influence on the profit and loss statement, substantial operational resources, limited access to hedging alternative, risk of reassessment of highly probable transaction, low compatibility with portfolio hedging.
<b>Reference Books</b>	Mark Trombley, Accounting for Derivatives, Juan Ramirez, Wiley & Sons Inc., 2007. Accounting for Derivatives and Hedging, ,McGrawHill, 2003
	Juan Ramirez, Accounting for Derivatives: Advanced Hedging under IFRS, John wiley& Sons inc
	Mark J.P. Anson, Accounting and Tax Rules for Derivatives, (Frank J. Fabozzi Series) John Wiley & Sons.
	Trombley Mark, Mark A. Trombley, Accounting for Derivatives and Hedging, McGraw- Hill Higher Education.
	Mark. J.P. Anson, Accounting and Tax Rules for Derivatives, John Wiley & Sons
<b>Open Resources</b>	
<b>Tools and Softwares</b>	

## POOL OF SOFT CORE PAPERS

<b>Management and Decisions</b>			
Course Code	Title of the Paper	Soft/Hard	Credit
<b>Management and Decision</b>			
1	Managerial Economics	S	3
2	Marketing Strategy	S	3
3	Human Resource Management	S	3
4	Family Business Management	S	3
5	Direct & indirect tax administration	S	3
<b>Decision Tools and Techniques</b>			
6	Business Analytics for Decision Making	S	3
7	Statistics for Business Decisions	S	3
8	Operations Research	S	3
9	Corporate Tax Planning and Management	S	3
10	Contemporary legal framework	S	3
<b>Investment and Risk Management</b>			
11	Investment Valuation	S	3
12	Financial Risk Management	S	3
13	Forensic Accounting and Fraud Risk Management	S	3
14	Personal finance	S	3
<b>Finance and Management</b>			
15	Financial Mathematics	S	3
16	International Accounting	S	3
17	Corporate Governance	S	3
18	Equity Derivatives	S	3

Students Choice (Only up to III semester)			
19	Value added courses	S	3
20	Project / Internship and Viva	S	3

## 1 MANAGERIAL ECONOMICS

Soft Core

3 Credits

<b>Prerequisites</b>	Basic principles of economics
<b>Learning Objectives</b>	The objective of this paper is to provide the basic concepts in Managerial Economics
<b>Learning Outcomes</b>	Forecasting the demand and supply
	Fixation of price
	Cost estimation and control
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Basic concepts of Managerial Economics</b>
	Profits, revenue – costs – discounting – profit maximization – marginal analysis – regression analysis – objectives of the enterprise.
<b>Unit II</b>	<b>Demand</b>
	Demand function – Law of demand, demand elasticity's, demand estimation and forecasting
<b>Unit III</b>	<b>Production and Costs</b>
	Production Function – Employment decisions – cost curves in the short and long run – estimating cost functions.
<b>Unit IV</b>	<b>Perfect competition</b>
	Output decisions of firms, equilibrium of the industry in the short and long run – supply-demand analysis – effects of price control. Monopoly and simple Oligopoly – Price and output decisions under monopoly, discriminating monopoly, effects of price control, kinked demand curve hypothesis.
<b>Unit V</b>	<b>Price practices</b>

	Cost based pricing, Competition oriented pricing, - Limit pricing– Peak load pricing – Life Cycle pricing.
<b>Reference Books</b>	Christopher R Thomas and S. Charles Murice (2005) Managerial Economics Concepts and Applications. New Delhi: Tata McGraw Hill.
	P.L. Mehta (2002) Managerial Economics - Analysis, Problems and Cases. New Delhi: Sultan Chand
	Watson and Getz (1995) Price Theory and its uses. AITBS
	Rahul A Shastri (2000) Microeconomic Theory. Hyderabad: Universities Press (Orient Longman)
	Ahuja H. L, Managerial Economics- Analysis for Managerial Decision Making, S. Chand, New Delhi.
<b>Open Resources</b>	
<b>Tools and Softwares</b>	MS Excel

## 2 MARKETING STRATEGY

Soft Core

3 Credits

<b>Prerequisites</b>	Basic functions of the marketing
<b>Learning Objectives</b>	The Objective of this course is to develop both theoretical and practical understanding to the various concepts of International Marketing
<b>Learning Outcomes</b>	Enables the students to formulate strategies
	Buildings of strategic models
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Introduction</b>
	Concept and Significance of Marketing Strategy; Marketing Strategy – Factors Considered in Formulating Marketing Strategy. Designing Strategic Marketing: Steps Involved in Corporate Strategic Planning, Competitive Strategies – Market Leader, Market Challenger, Market Followers and Market Nichers Strategies
<b>Unit II</b>	<b>Designing Marketing Mix Strategies</b>
	Product Strategy – Steps Involved and Differentiation Tools; Product Life Cycle Marketing Strategies; Pricing Strategy – Steps in Pricing Strategy; Initiating and Responding to Price Changes; Channel Strategy – Steps Involved in Channel Strategy; Channel Dynamics; Communication Strategy – Developing Effective Communication; Managing Integrated Marketing Communication Process.
<b>Unit III</b>	<b>Customer-Orientation in Marketing</b>
	Customer Relationship Marketing-Concept and Need for Customer Relationship Marketing; Process of Customer Relationship Marketing; Building Customer Satisfaction and Retention – Defining and Delivering Customer Value and Satisfaction; Nature of High Performance Business; Attracting and Retaining Customers.

<b>Unit IV</b>	<p><b>Recent Issues in Marketing Strategy</b></p> <p>What customers want?: Customer value, Conjoint Analysis, Analytics for customer segmentation and targeting, Demand Forecasting &amp; Pricing, Pricing</p>
<b>Unit V</b>	<p><b>Marketing Models for Strategies</b></p> <p>Marketing Mix Models and Advertising Models, Recommender System, Market Basket Analysis and RFM Analysis, Customer Churn &amp; Customer Lifetime Value, Text Mining and Sentiment Analytics, Text Mining and Product Innovation Management, Social Network Analysis for Marketing</p>
<b>Reference Books</b>	<p>Warren J. Keegan : Global Marketing Management, 8th Ed. PHI.2013.</p> <p>Philip R. Cateora : International Marketing, 16th Ed. Irwin, 2013 – Business Marketing, PHI, 2004.</p> <p>SakOnkvist: International Marketing, Analysis and Strategy.4th Ed. PHI.2004</p> <p>Keith Lewis, Mathew Housden : Introduction to International Marketing: A Guide to Going Global. Crest Publishing House.2003.</p> <p>Michael Czinkota, Ronkainen. International Marketing. 10th Ed. Cengage Learning, 2012.</p>
<b>Open Resources</b>	
<b>Tools and Softwares</b>	

### 3 HUMAN RESOURCE MANAGEMENT

Soft Core

3 Credits

<b>Prerequisites</b>	Basic knowledge on the functions of management
<b>Learning Objectives</b>	To impart knowledge on the concept and essential functions of human resource management.
<b>Learning Outcomes</b>	Understand the basic concept of human resource management and its evolution and challenges
	Articulate human resource planning using quantitative and qualitative dimensions
	Knowledge on different methods of training and performance appraisal methods and their link with compensation
	Strategies of Talent Management and Change Management
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Introduction</b>
	Concept and Functions; Human Resource Development (HRD)-definition, goals and challenges; The changing environment of HRM – globalization, multi-cultural environment, technological advances, workforce diversity, corporate downsizing, changing skill requirement, Work life balance.
<b>Unit II</b>	<b>Human Resource Planning</b>
	Process, Forecasting demand and supply, Skill inventories, Succession planning; Job analysis. Recruitment – Source, process, Tests in selection; Orientation & Induction: Concept and process.
<b>Unit III</b>	<b>Performance, Training &amp; Compensation</b>
	Concept, Need, Types of Appraisal Methods, Training: Process, Methods; Compensation & Incentives, social security, retirement and other benefits.
<b>Unit IV</b>	<b>Recent issues in HRM</b>

	Talent management, Social recruitment, multi-cultural issues, Change management, Talent network, crowd sourcing and internal social networks, increased flexibility and productivity, supporting virtual workforce, Balanced Score Card.
<b>Unit V</b>	<b>HR Analytics</b>
	Basics of HR analytics, Evolution, Analytical value chain, Analytical model, typical application of HR Analytics. Types of Measures – HR Productivity Metrics and Human Capital Metrics. HR Analytics Maturity Model, CEO/Managers – HR expectations on Analytics.
<b>Reference Books</b>	De Cenzo, D.A. and Robbins. (2010). Fundamentals of Human Resource Management (10th Edition). New York: John Wiley and Sons
	Dessler, G. (2015). Human Resource Management (14th Edition). Pearson
	Arun Monappa and Miza S Saiyadain (1999). Personnel Management (2nd Edition). New Delhi: Tata McGraw-Hill publishing Company Limited.
	Aswathapa K. (2005). Human Resource and Personal Management: Text and Cases. New Delhi: Tata McGraw-Hill Publishing Company Limited
	Dipak Kumar Bhattacharyya (2017), HR Analytics: Understanding Theories and Applications, Sage.
<b>Open Resources</b>	
<b>Tools and Softwares</b>	

## 4 FAMILY BUSINESS MANAGEMENT

Soft Core

3 Credits

<b>Prerequisites</b>	Basics understanding about the family business
<b>Learning Objectives</b>	To expose the students of situational aspects family owned business, its growth and sustainability.
<b>Learning Outcomes</b>	Development and implementation of effective governance
	Devising strategies for family business
	Understanding the basics of succession planning
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Introduction</b>
	Overview of the family business. Effective governance and the family business, Issue of ownership and conflict in family. Capital structure of closely held business and family business, cash, growth. Issues and challenges in family business and closely held family business.
<b>Unit II</b>	<b>Developing Effective Governance</b>
	Understanding the relationships between family and business, management and ownership. Governance issues in family owned business, behavioral issues in closely held and family owned business & managed business. Conflict management and transition in family business
<b>Unit III</b>	<b>Growth Strategy</b>
	Growth strategy for family owned business. Different models in family business. Developing sustainable family business organization structure, ownership, team of advisors, board of directors and corporate governance.
<b>Unit IV</b>	<b>Succession Planning</b>
	Family succession, issues of succession in a family firm, preparing for succession planning. Legal norms of succession-succession acts, important provisions.

<b>Unit V</b>	<b>Future Prospects</b>
	Involving non-family members, power struggles and issues of succession in a family firm, Valuation of the closely held firm, the changing role of family in the family business.
<b>Reference Books</b>	Thomas Zellweger <i>Managing the Family Business: Theory and Practice</i> Edward Elgar Publishing
	Walter Vieira, Mita Dixit <i>The 5Gs of Family Business</i> SAGE Publications India.
	Kavil Ramachandran <i>The 10 Commandments for Family Business</i> SAGE Publications India.
	A. Gimeno, G. Baulenas, J. Coma-Cros <i>Family Business Models: Practical Solutions for the Family Business</i> Springer
	John L. Ward, Craig E. Aronoff, <i>Family Business Governance: Maximizing Family and Business Potential</i> By A Family Business publications
<b>Open Resources</b>	
<b>Tools and Softwares</b>	

## 5 DIRECT AND INDIRECT TAX ADMINISTRATIONS

Soft Core

3 Credits

<b>Prerequisites</b>	Basic knowledge on Direct and Indirect tax Laws
<b>Learning Objectives</b>	To understand the various administrative and regulatory provisions of Direct Tax and Indirect taxes in India.
<b>Learning Outcomes</b>	Gaining exposure on different types of taxes
	Organisational setup of Direct tax administration
	Organisational setup of Indirect tax administration
	Settlement and composition under direct and indirect tax laws
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Basic Concepts</b> Assessment Year, Previous Year, Types of Assesses, Incomes and Receipts . Reforms in Direct tax, Tonnage Tax, Securities Transaction Tax, Commodities Transaction Tax, Direct Tax Code.
<b>Unit II</b>	<b>Income Tax Authorities</b> CBDT, Director General, Commissioners and Powers of Authorities: Search & Seizure, Power to Call for Information, Power of Survey, Powers regarding discovery of Information. Types of Penalties, Various Procedures for Imposing Penalties.
<b>Unit III</b>	<b>Assessment</b> Best judgment Assessment, Self Assessment, Reassessment, Precautionary Assessment, Regular assessment, Important Provisions under Assessment. Various Types of Income Tax Returns and Income Tax forms- E-filing – Appeals and revisions – Refunds – Settlement Commission.
<b>Unit IV</b>	<b>Constitutional provisions</b>

	<p>CBEC(Central Board of Excise &amp; Customs) Organisation of Central Excise and Customs departments – Hierarchy – powers of commissioners – Deputy commissioners – Superintendant and Inspectors – Demands, Refund/Rebate of Central Excise Duty – Adjunctication Procedure in Central Excise – Search, Seizure Arrest and confiscation of goods under the Customs Act. – Advance Ruling authorities p application – Procedures formalities for scrutiny of application – Powers of authorities.</p>
<b>Unit V</b>	<p><b>Settlement Commission for Excise and customs</b>  composition and powers of the Commission – Appellate provisions in Central Excise, Customs and Service Tax – appeals to CESTAT (Customs, Excise and Service Tax Appellate Tribunal) procedure of Appeal to CESTAT – Orders of the CESTAT – Appeal before Supreme Court – Revision by Central Government – Reference to High Court/supreme Court Service tax Assessment – Filing of return of service Tax – appeals – penalties</p>
<b>Reference Books</b>	<p>V.K. Singhania and Kapil Singhania Direct Tax Law and Practice Taxmann Publication 45<sup>th</sup> Edition</p> <p>VS Datey, Indirect Taxes, Taxmann Publication, New Delhi</p> <p><b>V. Balachandran, Indirect Taxes, Sultan Chand &amp; Sons, 2019</b></p> <p>Gaur and Narang Income Tax law and practices Kalyani Publication 38<sup>th</sup> edition</p> <p>Bhagawati Prasad direct tax law and Practice Wishwa Prakashan 5<sup>th</sup> edition</p>
<b>Open Resources</b>	
<b>Tools and Softwares</b>	

## 6 BUSINESS ANALYTICS FOR DECISIONS MAKING

Soft Core

3 Credits

<b>Prerequisites</b>	Basic knowledge on data and data interpretation
<b>Learning Objectives</b>	The objective is to provide relevant experience in data analytics to take business decisions scientifically.
<b>Learning Outcomes</b>	Gaining exposure on different types of business analytics
	Knowledge on Measurement Scales and its applications
	Understanding the working of Linear Programming
	Workings on different methods of data forecasting
<b>Methodology</b>	Insights about data analytics software
	Teaching with visual aids
	Assignments and Tests
<b>Unit I</b>	Quiz sessions and Case Discussion
	<b>Introduction</b>
	Science of data driven decision making, Descriptive analytics, Predictive analytics and Prescriptive analytics; Big data analytics, web and social media analytics, Machine learning algorithms.
<b>Unit II</b>	<b>Descriptive analytics</b>
	Introduction, data Types and scales, types of data measurement scales, measures of central tendency, measures of variations, measures of shapes.
<b>Unit III</b>	<b>Prescriptive Analytics</b>
	Linear programming - Model building, assumptions, sensitivity analysis, solving LP programming using graphical method, range of optimality and shadow price.
<b>Unit IV</b>	<b>Forecasting techniques</b>
	Introduction, time series data and components of time series of data, forecasting techniques and forecasting accuracy, moving average method, single exponential smoothing, double and triple exponential smoothing, Crostons forecasting methods, ARIMA Model.
<b>Unit V</b>	<b>Data Analytics Software</b>

	Analytical Software –Free andOpen Source Software Vs Paid Software; Application of Data Analytical tools and Techniques - Data Entry, Data Screening, Data Analysis, Results, Interpretation, Report Drafting.
<b>Reference Books</b>	R.N.Prasad and Seema Acharya, (2016), Fundamentals of Business Analytics, Wiley.
	U Dinesh Kumar (2017), Business Analytics: The Science of Data - Driven Decision Making, Wiley.
	V. K. Jain (2018), Data Science and Analytics (with Python, R and SPSS Programme), Khanna Publishing
	Evans James (2017), Business Analytics (2 <sup>nd</sup> Edition), Pearson.
	Mark J. Bennett and Dirk L. Hugen (2016), Financial Analytics with R (Building a Laptop Laboratory for Data Science), Cambridge University Press
<b>Open Resources</b>	
<b>Tools and Softwares</b>	

## 7 STATISTICS FOR BUSINESS DECISIONS

Soft Core

3 Credits

<b>Prerequisites</b>	Basics of Statistics and interpretations of the statistics results
<b>Learning Objectives</b>	To familiarize the students with various Statistical Data Analysis tools that can be used for effective decision making. Emphasis will be on the application of the concepts learnt to various managerial situations.
<b>Learning Outcomes</b>	Applications of statistical softwares Interpretations of the results Making decisions based on the results
<b>Methodology</b>	Teaching with visual aids Assignments and Tests Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Statistical Decision Theory</b> Attributes, variables (quantitative and qualitative), Scales of measurement: nominal, ordinal, interval and ratio, Measures of Central Tendency, Measures of Dispersion: Shape of the distribution: Skewness and Kurtosis, Z-Score, Chebychev and empirical rule. Decision environment, Expected profit under uncertainty, Utility theory.
<b>Unit II</b>	<b>Measures of relations</b> Correlation Analysis: scatter diagram, linear, logistic and multinomial, Correlation: Meaning, Significance, Causation, Tests for significance of Correlation Coefficient.
<b>Unit III</b>	<b>Probability</b> Meaning and need, Theorems of addition and multiplication, Conditional probability, Bayes' theorem, Random Variable- discrete and continuous. Probability Distribution: Meaning, characteristics (Expectation and variance) of Binomial, Poisson, exponential and Normal distribution, Central limit theorem.
<b>Unit IV</b>	<b>Estimation</b> Population mean, Confidence intervals for the parameters of a normal distribution (one sample only), Introduction to testing of Hypothesis: Concept; Level of Significance; Process of testing; Type I and Type II error, standard

	error of estimates, Test of hypothesis concerning Mean: z test and t test, F test.
<b>Unit V</b>	<b>Non Parametric Tests</b>
	Chi-square tests; Sign tests Wilcoxon Signed – Rank tests; Wald – Wolfowitz tests; Kruskal – Wallis tests
<b>Reference Books</b>	Keller, G. Statistics for Management and Economics (10th Edition). New Delhi: CENGAGE Learning, 2015.
	Levin, R. and Rubin, D, Statistics for Management (7th Edition). New Delhi: Pearson, 2012.
	Gupta S.P. Statistical Methods, Sultan Chand, New Delhi 2009
	Stine, R. and Foster, Statistics for Business (Decision making and Analysis) (2nd Edition), New Delhi: Pearson, 2014
	Arora & Arora, Statistics for Management, Sultan Chand, New Delhi, 2009
<b>Open Resources</b>	<a href="http://gretl.sourceforge.net">http://gretl.sourceforge.net</a>
<b>Tools and Softwares</b>	MS Excel, SPSS

## 8 OPERATIONS RESEARCH

Soft Core

3 Credits

<b>Prerequisites</b>	Basics of business mathematics
<b>Learning Objectives</b>	To equip students with Operations Research techniques for taking managerial decisions.
<b>Learning Outcomes</b>	Cost cutting and profit maximisation through Linear programming
	Assigning the job
	Management and control of Inventory
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Introduction</b>
	Concept and Significance of operations Research Evolution of operations research; Steps in designing operations research studies; Operations research models.
<b>Unit II</b>	<b>Linear Programming and its Applications</b>
	Graphic method and simplex method; Duality problem; Transportation problem; Assignment problem.
<b>Unit III</b>	<b>Waiting Line Models</b>
	Waiters and Services; Mathematical distribution of queues; Basic models of queuing theory and applications.
<b>Unit IV</b>	<b>Inventory Control</b>
	Deterministic models and probabilistic models.
<b>Unit V</b>	<b>Game Theory</b>
	Zero sum game; Pure and mix strategies; Criteria of sharing strategies. Net – Work Analysis: Introduction to PERT and CPM; Application areas of PERT and CPM.
<b>Reference Books</b>	Sharma J.K.: Operations Research – Theory and Applications, Macmillan India Ltd., New Delhi 3rd edition 2006
	R. Panneerselvam – Operation Research Prentice Hall of India Private Ltd., New Delhi.(2007)2nd edition
	Hiller & Lieberman “introduction to Operations Research Tata McGRaw Hill, New Delhi (2009) 8th ed.

	Vazsonyi, Andrew and Herbert F.Spriner: Quantitative Analysis for Business, Prentice Hall, New Delhi.Special Indian edition
	Vohra, N.D.: Quantitative Techniques in Management, Tata McGraw – Hill, New Delhi. 2008
<b>Open Resources</b>	
<b>Tools and Softwares</b>	MS Excel

## 9 CORPORATE TAX PLANNING AND MANAGEMENT

Soft Core

3 Credits

<b>Prerequisites</b>	Basic knowledge on tax provisions and tax planning
<b>Learning Objectives</b>	To understand the innovative ideas in corporate tax in India and to give expert advices to whom is required regarding various tax issues for decision-making.
<b>Learning Outcomes</b>	Giving expert advice in corporate tax planning
	Able to independently handle corporate tax planning
	Due diligence and compliance of tax laws
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Corporate taxation:</b> Taxable Income and Tax Liability. Problems on Computation of Taxable Income of Corporate. Minimum Alternative Tax. Dividend Distribution Tax. Tax on Income distributed to Unit holders. Tax incentives to the exporters.
	<b>Corporate Tax Management</b> Return of Income. Assessment. Advance Payment of Tax. Tax Deductions at Source. Tax Collection at Source. Appeals and revisions. Income Tax Authorities. Settlement of Cases. Advance Ruling for Non Residents. Search and Seizure. Penalties and Fine
<b>Unit III</b>	<b>Corporate Tax Planning</b> Introduction of Tax Planning. Tax planning with respect to Forms of Business. Nature of Business. Location of Business. Tax Planning Vs Tax Management. Tax Avoidance Vs Tax Evasion
	<b>Tax Planning and Corporate Decisions</b> Tax planning for business. Capital Structure Decision. Dividend Distribution Decision. Own or Lease. Make or Buy Decision. Shutdown or Continue Decisions. Repair or Replace. Sale of Assets used for Scientific Research.
<b>Unit V</b>	<b>Tax Issues Relating to Business Restructuring</b> Amalgamation. Demerger. Conversion of Sole Proprietary into Company. Conversion of Firm into Company. Slump Sale. Transfer of Assets between Holding and Subsidiary Company.

<b>Reference Books</b>	V.K. Singhania and Monica Singhania Corporate Tax Planning and Business Tax Procedure Taxmann Publication Ltd., 22th edition 2018
	Sally Jones and Shelley Rhodes Principal of Taxation for business and Investment Planning Tata McGraw Hill 4th edition 2010.
	H.C. Mehrotra and S.P. Goyal Income Tax Law and Accounts Sahitya Bhawan Publications 59st edition2018
	Gaur and Narang Income Tax Law and practice Kalyani Publication 46th edition 2018
	R.K. Agarwal Tax Planning for Companies, Hindu Law Publisher 14th edition 2008
<b>Open Resources</b>	
<b>Tools and Softwares</b>	

## 10 CONTEMPORARY LEGAL FRAMEWORK

Soft Core

3 Credits

<b>Prerequisites</b>	Basics of Corporate Laws
<b>Learning Objectives</b>	To give an overview about contemporary legislation very well applicable to Modern Business units
<b>Learning Outcomes</b>	Understanding the various Laws that are applicable to business entity
	Basics provisions of the enactment and its scope
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Competition Law</b>
	Anti Competitive agreements – prohibitions of abuse of dominant position – combinations – competition Commission of India – Inquiry into certain agreements and dominant position – inquiry on complaints u/s 19 – power to grant interim relief power to forward compensation – Execution of orders of commission – appeal duties of Director – general penalties – Competition advocacy
<b>Unit II</b>	<b>Foreign Exchange Management Act</b>
	Objective and definitions under FEMA – Dealings in foreign exchange – holding of foreign exchange etc. current account transactions, capital account transactions – export of goods and service realization and repatriation of foreign exchange – Exemptions authorized person – penalties and enforcement – Compounding of offences - Directorate of enforcement –Appellate Tribunal etc.
<b>Unit III</b>	<b>Environmental Legislation</b>
	Legal and regulatory frame work – procedures for obtaining various environment clearances – role and function of Environments of Environment Tribunal / Authority – Appearance before Environment Tribunal /Authority – Environment Audit. Enforcement of International Environmental law: Kyoto protocol norms. Water: water and environment (Protection) law – various Boards and their functions and powers; duties of occupier of specified industries to ensure adherence to standards; offence by companies. Air pollution: Concept of sustainable

	development, Government policy regarding environment – salient features of the Air (Prevention and control of pollution) law
<b>Unit IV</b>	<b>Consumer Protection Act</b>
	Genesis of the law – objects and definitions – Rights of consumers under the Consumer Protection Act – Nature and scope of remedies – Consumer protection – appearance before consumer dispute Redressal Forums.
<b>Unit V</b>	<b>Insurance Law Current Legal Environment</b>
	Insurance Act 1938 (as amended) & Insurance Regulatory & Development Act – An overview - Insurance Sector Reforms – The Insurance Regulatory Development Authority (IRDA) Act, 1999– ARDA (Investment) Regulations 2000 – IRDA Guidelines for insurance Brokers Securities and Exchange Board of India (SEBI) Act, 1992 – SEBI Guidelines.
<b>Reference Books</b>	Kapoor, N.D. “Elements of mercantile laws”, Sultan Chand & Sons New Delhi
	Maheshwari, S.N & Maheshwari, S.K “ A Manual of Business laws”, Himalaya PublishingHouse, Bombay
	K.C Mishra and M. Bakshi, legal and Regulatory Aspects of Insurance, CENGAGE learning,Delhi
	Kenneth A. Abraham, Kenneth S. Abraham Insurance laws and Regulation: Cases andMaterial, Foundation Press
	Lew, Julton D.M and Clive Stand Brook (eds), International Trade Law & Practice,Euromoney Publications, London
<b>Open Resources</b>	
<b>Tools and Softwares</b>	

## 11 INVESTMENT VALUATION

Soft Core

3 Credits

<b>Prerequisites</b>	Basics of investment
<b>Learning Objectives</b>	Enable students to develop financial models practiced in Industry. To provide students with practical knowledge on Valuing the Firm.
<b>Learning Outcomes</b>	Understanding the various investment valuation techniques
	Measuring the earning
	Valuation implications on market efficiency
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Introduction to Valuation</b>
	Approaches to valuation – Discounted Cash flow Valuation Relative Valuation –Contingent Claim Valuation Understanding financial statement – asset measurement and valuation-Measuring Finance Mix-Measuring earnings and profitability-Measuring risk
<b>Unit II</b>	<b>Basics of Risk</b>
	Equity Risk and expected return-Alternative models for equity Risk-Comparative analysis of equity risk models –Models of default Risk-Option Pricing Theory and Models Basics of Option Pricing-Determining option value-option pricing Models-Extensions of option Pricing Models.
<b>Unit III</b>	<b>Market efficiency and Investment Valuation Implications of Market efficiency</b>
	Testing Market efficiency-Market anomalies-Riskless rate and Risk Premium equity Risk Premium Default spread on Bonds-Cost of equity and Capital-Best Practices at firms.
<b>Unit IV</b>	<b>Measuring earnings</b>
	Adjusted Earnings-From earnings to Cash Flow-re investment Needs-Estimating Growth-Historical growth-Fundamental determinants of Growth-Closure in Valuation-survival Issue-Dividend discount models-Free cash flow to equity discount-firm valuation.
<b>Unit V</b>	<b>Estimating equity value per share</b>

	Fundamental principles of relative valuation-earnings multiples-book value multiples-revenue multiples and sector specific multiples-Valuing financial services firm-Valuing firms with negative of abnormal returns-valuing young or start up firms-Probabilistic approaches to valuation.
<b>Reference Books</b>	Damodaran Aswath Investment valuation “tools and techniques for determining the value of any asset Wiley India (P) Ltd.2012
	Simon Benninga “Financial Modeling” The MIT Press Cambridge Massachusetts 2008
	Krishna Palepu,Paul Healy Business Analysis and Valuation: Using Financial StatementsCengageLearnin, 2007
	Gottlieb Isaac, “Next Generation Excel: Modeling in Excel for Analysis and MBAs John Wiley and sons limited 2009
	Titman, Sheridan, Martin, JohnD, Valuation: The Art and Science of Corporate Investment Decisions, Addition-Wesley Series in Finance.
<b>Open Resources</b>	
<b>Tools and Softwares</b>	

## 12 FINANCIAL RISK MANAGEMENT

Soft Core

3 Credits

<b>Prerequisites</b>	Basic understanding of financial risk
<b>Learning Objectives</b>	The course aims at familiarizing the students with principle and practices of Financial Risk Management and enables them to develop decision-making skills in management risk.
<b>Learning Outcomes</b>	Measurement of various financial risk viz, equity, forex and commodity
	Application of risk management techniques
	Understanding the hedging techniques
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Financial Risk</b>
	Definition and evolving styles of risk management. Organizing for Financial Risk Management - Role of risk manager- policies-decision making and execution – Exposure to Risk and Diversification - specific and market risk-forecasting market movements. Forwards and Futures: market volatility.
<b>Unit II</b>	<b>Managing Equity Risk</b>
	Specific risks- managing market risk-Markowitz and Sharpe Single Index models. Managing Bond Risk - market conventions and yields-bonds with special features- yield curves- hedging with futures and options. Managing Interest Rate and Currency Risk - one period forwards and futures- interest options- currency options and hedging longer term interest rate and currency exposures
<b>Unit III</b>	<b>Foreign Exchange Risk Management</b>
	Various foreign exchange rate risk management strategies- foreign exchange market in India.
<b>Unit IV</b>	<b>Emergence of Commodity Risk Management</b>
	Basic understanding of commodities-investment opportunities in commodities in India-working of commodity exchanges- importance of risk management in commodity derivatives- future of commodity derivatives. Financial Risk Management: Case Studies

<b>Unit V</b>	<b>Hedging and the “Greeks”</b>
	“Greeks”- delta, gamma, vega, theta & rho, The basic Principle: Delta Hedging, Asset Mismatch, Maturity mismatch, basis risk, and minimum-variance hedging, Delta-Gamma hedging using options, Value at Risk.
<b>Reference Books</b>	Brain A. Eales Financial Risk Management. London:Mc Graw – Hill, 1995
	Steve L. Allen, Financial Risk Management: A Practitioner's Guide to Managing Market and credit risk, Wiley Finance
	Dun & Bradstreet, Financial Risk Management, TATA Mcgraw Hill
	Peter Christoffersen, Elements of Financial Risk Management, Academic Press
	Geoffrey Poitras, Commodity Risk Management: Theory and Application, Routledge
<b>Open Resources</b>	
<b>Tools and Softwares</b>	

### 13 FORENSIC ACCOUNTING AND FRAUD RISK MANAGEMENT

Soft Core

3 Credits

<b>Prerequisites</b>	Knowledge of Accounting and Statistics
<b>Learning Objectives</b>	<b>To impart knowledge of using accounting and other tools to detect fraud and manage the fraud risk in the business organization.</b>
<b>Learning Outcomes</b>	Fraud
	Investigating and Managing the Fraud
	Supporting the criminal Prosecution in case of need
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Introduction</b>
	Essence of Forensic Accounting – Forensic Accounting vs Traditional Accounting Application of Forensic Accounting. Forensic Accounting Skills – Auditing – Investigation – Risk Analysis – Criminology – Digital Forensics. Responsibilities Forensic Accountant – Consulting – Valuation – Non-authoritative Guidance.
<b>Unit II</b>	<b>Fraud theories</b>
	Fraud – Meaning -Types – Theories of Fraud - Fraud Triangle- Fraud Diamond – Fraud Pentagon – Fraud Hexagon - Fraud Tree. Fraud Schemes – Occupational Fra – Money Laundering – Organized Crimes - Victims. Internal Auditor – Roles Responsibilities – Liabilities. Forensic Auditing -Fraud Audit Report - Fraud Cont Theory.
<b>Unit III</b>	<b>Fraud Risk Management</b>
	Risks – Risk classifications. Risk of material misstatements - Type of misstatement Organizational Fraud Risk – Enterprise-wide risk – Business process risk – Fra penetration risk. Fraud Risk Detection and assessment - Risk Assessment Factor Fraud Prevention and Response – Fraud Deterrence- Fraud Deterrence Cycle.
<b>Unit IV</b>	<b>Forensic Investigation</b>
	Investigative Techniques- Analysis tool for investigator- Investigative Process –

	Gathering and Documenting Evidences - Rules of Evidence - Report of Investigation –Criminal Prosecution support.
<b>Unit V</b>	<b>Forensic Analytics</b>
	Basics of Data Mining – Structured vs unstructured data – Methods of data acquisition –
	Data visualization – Visual statistics - Time series analysis - Advances in IT systems–
	Basics of Machine Learning Algorithm – Neural Network Analysis.
<b>Reference Books</b>	Michael A. Crain, William S. Hopwood, Carl Pacini& George R. Young; Essentials of Forensic Accounting; John Wiley & Sons, New Jersey, 2016.
	B. Lev. Financial Statement analysis; A New Approach, Prentice Hall
	Thomas W. Golden, Steven L. Skalak, Mona M. Clayton & Jessica S. Pill; A Guide to Forensic Accounting Investigation; John Wiley & Sons, New Jersey; Second Edition, 2011.
	Leonard W. Vona; Fraud Risk Assessment: Building a Fraud Audit Program; John Wiley & Sons, New Jersey, 2008.
	Howard Silverstone, Michael Sheetz, Stephen Pedneault& Frank Rudewicz; Forensic Accounting and Fraud Investigation for Non-Experts; John Wiley & Sons, New Jersey; Third Edition, 2012.
	Felix I. Lessambo; Auditing, Assurance Services, and Forensics: A Comprehensive Approach; Palgrave Macmillan, 2018.
	Mark J. Nigrini; Forensic Analytics: Methods and Techniques for Forensic Accounting Investigations; John Wiley & Sons, New Jersey, 2011.
	Tommie W. Singleton & Aaron J. Singleton; Fraud Auditing and Forensic Accounting; John Wiley & Sons, New Jersey; Fourth Edition, 2010.
<b>Open Resources</b>	
<b>Tools and Softwares</b>	

## 14 PERSONAL FINANCE

Soft Core

3 Credits

<b>Prerequisites</b>	Basic knowledge on Income tax and investments
<b>Learning Objectives</b>	To find direction and guidance in one's financial decisions
	To understand how each financial decision affects other areas of finance
	To ensure the financial stability for adapting to life changes
<b>Learning Outcomes</b>	Knowledge on investment selections
	Investment evaluations
	Portfolio constructions
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Introduction</b>
	Savings-Investment-Advances for Investment-Selection of Advances-Mix for Portfolio of Such selected Advances- Criterion to be considered for investment-type of Securities- Income tax and personal finance of an individual.
<b>Unit II</b>	<b>Investment in Government Securities</b>
	PPF-NSC-NSS-Infra Structural-Bonds- Regulations-Governance.
<b>Unit III</b>	<b>Investment in Post office and Bank Deposits</b>
	All Types of post office related Deposits and all types of Bank Deposits including Deposits in corporate sector-Regulation –Governance.
<b>Unit IV</b>	<b>Investment in Traditional Products</b>
	Gold-Real estate-Mutual fund-return-Risk associated regulation –Criteria to be considered
<b>Unit V</b>	<b>Investment in Equity shares</b>
	Meaning Criteria-Risk & Return Associated- How to Select Share-Formation Portfolio.
<b>Reference Books</b>	Personal finance-Kapoor Jack.R, Diabay Les.R & Hughes Robert J, Tata Mc Graw-Hill Publishing Co Pvt Ltd- New Delhi

	Personal finance: Users Perspective-Joehnk Michael D & Gitman Lawrence J-Cengage learning India Pvt. Ltd, New Delhi
	Contemporary personal finance- Boone Louis & Kurtz David.L, Ra New Delhiomhouse business division, New Delhi
	Guide to personal finance-Stillman Richard J, Tata Mc Graw- Hill Publishing Co.Pvt.Ltd- New Delhi
	Theory and problem of personal finance & consumer economic , Rosenberg Robert R & Naples, Ralph.V, Tata Mc Graw- Hill Publishing Co.Pvt. Ltd- New Delhi.
	Personal finance Planning- Gitman Lawrence J, Dryden Press
<b>Open Resources</b>	
<b>Tools and Softwares</b>	

### 15 FINANCIAL MATHEMATICS

Soft Core

3 Credits

<b>Prerequisites</b>	Studied atleast one paper on Business Maths and/or Statistics at UG
<b>Learning Objectives</b>	Aims at the active and practical use of mathematics in Financial Market To gain knowledge on different models of Financial Markets
<b>Learning Outcomes</b>	Restate the Definition, Concept, Importance and scope of Financial mathematics Gaining conceptual knowledge and application skills on Vector analysis, Multiple integration and linear integral Solve the problems on Differential equations Application skills on numerical techniques in Finance
<b>Methodology</b>	Teaching with visual aids Assignments and Tests Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Introduction</b> Concept, Importance and scope of Financial mathematics – Set theory, Basic Concept: Indices and logarithm, Permutations and Combinations and Quadratic Equation.
<b>Unit II</b>	<b>Multivariate Calculus and Mathematical Analysis</b> Vector, Differentiation in several variables, Vector-valued functions, Maxima and minima in several variables, Multiple integrations, Line integrals, Surface integrals.
<b>Unit III</b>	<b>Differential Equations</b> First Order Differential Equations, Linear Second Order Differential Equations, Applications of Linear Second Order Differential Equations, Laplace Transforms, Systems of Linear Differential Equations, Introduction to PDE.
<b>Unit IV</b>	<b>Numerical Techniques in Finance</b> Lattice Methods, The Binomial Tree, Review of Continuous-Time Finance, Monte Carlo Methods, Numerical Solutions of Parabolic PDE's

<b>Unit V</b>	<p><b>The Simplest Model of Financial Markets</b></p> <p>One-Period Finite State Model, Securities and Their Par-Offs, Securities as Vectors, Operations on Securities, The Matrix as a Collection of Securities, Matrix Multiplication and portfolios, Systems of Equations and Hedging, Linear Independent and Redundant Securities, The Structure of the Marketed Subspace. The Identity Matrix and Arrow-Debreu Securities, Matrix Inverse, Inverse Matrix and Replicating Portfolios, Complete Market Hedging Formula.</p>
<b>Reference Books</b>	<p>Suresh Chandra, S. Dharmaraja, Aparna Mehra, Reshma Khemchandani Financial Mathematics: An Introduction Alpha Science International Limited</p> <p>Raymond H. Chan, Yves ZY. Guo, Spike T. Lee Financial Mathematics, Derivatives and Structured Products, Springer</p> <p>Ali Hirsa Computational Methods in Finance, CRC press</p> <p>Sheldon M. Ross An Elementary Introduction to Mathematical Finance, Cambridge University Press</p> <p>Giuseppe Campolieti, Roman N. Makarov, Financial Mathematics: A Comprehensive Treatment CRC press</p>
<b>Open Resources</b>	<p><a href="https://nptel.ac.in">https://nptel.ac.in</a></p>
<b>Tools and Softwares</b>	

## 16 INTERNATIONAL ACCOUNTING

Soft Core

3 Credits

<b>Prerequisites</b>	Basic knowledge on accounting standard including IFRS
<b>Learning Objectives</b>	To expose students to the prevailing International Accounting Systems
	To increase the employability of students in MNCs
<b>Learning Outcomes</b>	Understand the concepts of International accounting system
	Identifying the country differences in accounting practices
	Comparative analysis of major accounting issues
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>International Dimensions of Accounting</b>
	Introduction-Definition-Importance-Scope of international Accounting-Status of International Accounting Education: World Scenario in India-Internationalization of the Accounting Profession: Introduction-The Accounting Profession in Selected Countries-Internationalization of the Profession- International Dimensions of Financial Reporting: Introduction Variables that influence Transnational reporting-Reporting practices- International Financing Reporting System(IFRS)-Salient Features –Need-Provisions-Applications in India-USA-UK and other Countries
<b>Unit II</b>	<b>Country Differences and Harmonization of Accounting Practices</b>
	Accounting differences-Why National Practices differ-How Practices differ-How differences are addressed(Harmonization)Concept of Harmonization-Need for Standardization-Impediments to Standardization- Endeavors towards Harmonization-Institution-IASC-The European Union-UN
<b>Unit III</b>	<b>International Accounting Standards Committee</b>

	Origins & Operations-Achievements- Current Issues – The Standards - Components and Structure of Financial Statements-Balance sheet items – Income Statement Items-Consolidated Financial Statements-Cash flow Statement-Requirementsrelating to particular Enterprises
<b>Unit IV</b>	<b>Comparative Analysis of Major Accounting Issues</b>
	Legal basis of Accounting regulation-Existence of a Conceptual Framework-Additional components of Financial Statements- General Approaches Asset Valuation-Internally Generates intangibles & Research & Development- Goodwill-Tangible Fixed Assets-Investments-Current assets-leases-Provisions-Deferred taxes
<b>Unit V</b>	<b>Accounting Differences and Financial Statement Analysis</b>
	Different approaches to Analysis-The place of Financial ratios-Factors that Generate Differences: Presentation of Financial Statements-Methods of Financing –[Main problems in Financial Statement Analysis-Scope of Consolidation –Revaluation of Assets-Depreciation and Provisions-Leasing –Accounting for goodwill-Deferred Taxation –Capitalized Expenses-Transactions in Foreign Currencies-Extraordinary and Exceptional items-Changes in Accounting Principles OR Generally Accepted Accounting Practices(GAAP) India-USA-UK-Germany-France-Japan
<b>Reference Books</b>	International Accounting,Mohapatra Das.A.K., Prentic Hall of India, New Delhi
	International accounting,Rathore, Shirin, PHI learning,New Delhi.
	International Accounting-Peter Walton, International Thomson Business press
	International accounting a user perspective-Saudagaran, Shahorkh.M, Cengagelearning India Pvt. Ltd, New Delhi
	Comparative international accounting -Nobes Christopher & Parker Robert, ResearchEducation Asia, New Delhi
<b>Open Resources</b>	
<b>Tools and Softwares</b>	

## 17 CORPORATE GOVERNANCE

Soft Core

3 Credits

<b>Prerequisites</b>	Basic knowledge on Corporate Finance & Companies Act 2013
<b>Learning Objectives</b>	To provide an in-depth study of the evolution and development of corporate Governance along with the issues and practices that governs corporate sectors.
<b>Learning Outcomes</b>	Understand the concepts of corporate governance
	Value the shareholder and stakeholder rights and responsibilities
	Relationship between Corporate Governance, Corporate Finance, Investments and Shareholders wealth maximising
	Solve case studies in the field of corporate governance and apply knowledge to different cases
<b>Methodology</b>	Teaching with visual aids
	Assignments and Tests
	Quiz sessions and Case Discussion
<b>Unit I</b>	<b>Conceptual framework of corporate governance</b>
	Theories – Evolution – Principles of corporate Governance - Economic of organization and information – understanding of the shareholder VS stakeholder concept of governance.
<b>Unit II</b>	<b>Corporate and Board Management</b>
	Corporate Ownership structure- Board of directors: types of directors - role, composition, systems and procedures – Functional committees – executive remunerations
<b>Unit III</b>	<b>Legal and regulatory framework of corporate Governance</b>

	Legislative provisions of corporate governance in India: Companies Act 2013, LODR – legislative framework in US, UK and other developed nations
<b>Unit IV</b>	<b>Board Committees and role of professionals</b>
	Need –Functions – Advantages – scopes and constitution of Board Committees, Board Charter – terms of reference and accountability and performance appraisals – independence - role of professionals in board committees.
<b>Unit V</b>	<b>Corporate Governance Codes and Practices</b>
	Major expert Committees reports – case studies on corporate governance – Indian and overseas perspective – value creation through corporate Governance - corporate governance rating
<b>Reference Books</b>	A.C. Fernando, Corporate Governance, Principles, policies and Practices –, Pearson Education
	Neeti Shikha, Geetanjali Sharma, Corporate Governance in India: Principles and Policies, CENGAGE Publication.
	Indian Institute of Corporate Affairs, Corporate Governance, Taxmann
	Neil Minow Robert A. G. Monks, Corporate Governance, 4th Edition, Wiley India Private Limited.
	Companies Act 2013 and Rules; SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015; Journal and E-Bulletin “Chartered Secretary” and “Student Company Secretary” published by ICSI
<b>Open Resources</b>	<a href="https://www.corpgov.net">https://www.corpgov.net</a>
<b>Tools and Softwares</b>	

Soft Core

## 18 EQUITY DERIVATIVES

3 Credits

<b>Prerequisites</b>	Basic Knowledge of finance and Mathematics
<b>Learning Objectives</b>	To help students understand the concepts and equip them to take investment and trading positions in the options and futures market.
<b>Learning Outcomes</b>	Explain the need to hedge
	Calculate the payoffs one can receive through options
	Make option strategies
<b>Methodology</b>	Lecture
	Case Study
	Spreadsheet Modelling
<b>Unit I</b>	Title: Introduction to derivatives:
	Contents: meaning and purpose of derivatives; forward contracts Future contracts options, swaps and other derivatives; Type of trader; Trading future contracts; Specification of the future contracts; Operation of margins, Settlement, and regulations. - Derivatives Market in India: –regulation, working, and trading activity.
<b>Unit II</b>	Title: Futures:
	Contents: Hedgers and speculators; Future contracts; Future market –clearing house margins, trading future positions and taxation; Future prices and spot prices; Forward prices; vs. future prices; Futures vs. options

<b>Unit III</b>	Title: Options
	Contents: Types of options; Options trading; Margins; Valuation of options; Binomial Option; Pricing Modal; Black -Scholes model, for Call Option; Valuation of put Options; Index options; options market exchange-traded options, over-the-counter options, quotes trading, margins, clearing, regulation, and taxations; Warrants and convertibles
<b>Unit IV</b>	Title: SWAPS
	Contents: Mechanics of interest rate swaps, valuation of interest rate, swaps currency swaps, and valuation credit risk and swaps.
<b>Unit V</b>	Title: Derivatives Accounting & Taxation:
	Contents: scope and importance - Accounting & Taxation practices of Derivatives – Accounting Standard - reporting practices
<b>Reference Books</b>	Dhanesh Khatri, derivatives and Risk management, macmillan Publishers India Ltd, 2012.
	John C. Hull, SankarshanBasu, Options, Futures and other Derivatives, Pearson Education, Noida 2010
	Stafford Johnson, Introduction to Derivatives, Oxford University Press, 2009
	David A & Thomas W. Miller, Derivatives valuation and Risk Management, Oxford University Press 2003.
	Rene M. Stuly, Risk Management & Derivatives, Thomson south Western, 2007.
<b>Open Resources</b>	<a href="https://nptel.ac.in/courses/110/107/110107128/">https://nptel.ac.in/courses/110/107/110107128/</a>
<b>Tools and Software</b>	Spreadsheet Modelling

**19 VALUE ADDED COURSE****Soft Core****3 Credits**

<b>Prerequisites</b>	As per the Requirements of the course floated on the online platforms
<b>Learning Objectives</b>	The student has to register and complete a certification course offered by any one of the online platform (certification from any one module)
<b>Learning Outcomes</b>	Student can opt their subject based on their interest & Requirements
<b>Methodology</b>	As adopted by the respective courses
<b>Option I</b>	NISM
<b>Option II</b>	NSE – NCFM
<b>Option III</b>	Indian Institute of Banking and Finance
<b>Option IV</b>	MCX – Commodity Professionals
<b>Option V</b>	BSE Institute Limited (bsebti.com)
<b>Option VI</b>	Project Management
<b>Open Resources</b>	Respective websites of the Institute
<b>Tools and Softwares</b>	

## 20 SUMMER PROJECT AND VIVA – VOCE

Soft Core

3 Credits

<b>Prerequisites</b>	
<b>Learning Objectives</b>	This paper aimed to equip student with the advances and industry specific activities of the business through research or internship and apply the theoretical knowledge learned.
<b>Learning Outcomes</b>	
<b>Methodology</b>	<p>The students are expected to undertake either internship or research project (may be primary or secondary source based) in any one of the areas of Finance, Accounting, and Taxation at the end of II semester during summer vacation for 45 days.</p> <p>Report is to be submitted in the third semester, which will be evaluated along with the III Semester examination.</p> <p>Project report evaluation consists of both internal and external marks of 40 and 60 respectively.</p> <p>Internal marks of 40 would be awarded based on two presentations (mid term and final) to be made by students in the presence of all the faculty members of the department. Each presentation would carry 20 marks.</p> <p>Final report can be submitted only when student has made two presentations; if any student fails to make two presentations then he/she will have to repeat in the next year when this paper is offered.</p> <p>Final report would be evaluated for 60 marks, based on the quality of report and performance in viva.</p> <p>All faculty of the department with external examiners will hold viva voce examination.</p> <p>Any student who fails in “project report” is expected to redo the entire process in the next year when paper is offered.</p>