

## Semester I

**COURSE TITLE: BUSINESS MATHEMATICS- I**

**COURSE CODE: QAM102**

### **Course Objectives:**

- To familiarize the students with basic mathematical tools and the application of the same to business and economic situations.

**Pre-requisites:** Knowledge of basic calculation methods.

### **Student Learning Outcomes:**

- The students after completion of the program will be able to understand the mathematical concepts and terminology involved in Algebra, Derivatives and basic arithmetic operations on Matrices.
- The students will be able to interpret and solve business related problems.

	<b>Course Contents/ Syllabus:</b>	<b>Weightage (%)</b>
<b>1</b>	<b>Module I : Set Theory</b>	<b>10%</b>
	Definition of Set, Subset, Types of sets operations on sets; Venn diagram, DE Morgan's Laws, Applications of set theory.	
<b>2</b>	<b>Module II : Algebra</b>	<b>35%</b>
	Business mathematics: Scope and Importance; Functions of real variables, Linear, Exponential Logarithmic, and Inverse functions with graph and illustrative examples; Arithmetic Progressions (A.P.), Geometric progressions(G.P.) with simple examples	

<b>3</b>	<b>Module III : Compound Interest and Annuities</b>	<b>20%</b>
	Different types of interest rates, Concept of present value and amount of a sum, Types of annuities; Types of annuities, Present value and amount of annuity including the case of continuous compounding, Valuation of loans, and debentures, Sinking funds.	
<b>4</b>	<b>Module IV : Matrices and Determinants</b>	<b>35%</b>
	Definition of a matrix; Types of matrices; Algebra of matrices; properties of determinants; calculation of values of Determinants up to third order; Adjoint of a matrix, Finding inverse of a matrix; Rank of a matrix, Solution of system of linear equations by Cramer's Rule and Matrix Inverse Method (including not more than three variables).	

**References:**

- Sharma J. K, Business Mathematics: Theory and Applications, Ane Pub. House, Delhi,
- Soni R.S., Business Mathematics, Pitamber Publishing House
- Kapoor V.K., Business mathematics, Sultan Chand & Sons, Delhi.

**Course Title: Environmental Studies - I**

**Course Code: EVS103**

**Course Objectives:**

The goal of this course is to provide students with the scientific background needed to understand how the Earth works and how we, as human beings, fit into that. At the end of the course, it is expected that students will be able to identify and analyze environmental problems as well as the risks associated with these problems and understand what it is to be a steward in the environment, studying how to live their lives in a more sustainable manner

**Pre-requisites:** Basic concepts of environmental study is essential. This course approaches each concept in a variety of methods including lecture, written assignments, class-wide debates and discussions, lab activities, and outdoor fieldwork. Students are exposed to each concept in a variety of different ways, allowing them to work a concept from a variety of angles.

<b>Course Contents</b>	<b>Weightage (%)</b>
<b>Module I : Multidisciplinary nature of environmental studies</b>	<b>10</b>
<b>Descriptors/Topics</b> <ul style="list-style-type: none"><li>• Introduction, definition and importance of environmental studies, need for public awareness, sensitisation and participation</li></ul>	
<b>Module II : Natural Resources</b>	<b>35</b>

<p><b>Descriptors/Topics</b>  Resources 1. Types of natural resources, natural resource conservation, Role of an individual in conservation of natural resources, Equitable use of resources for sustainable lifestyles. 2. Land resources: Land as a resource, land degradation, man induced landslides, Land resources: soil erosion and desertification. 3. Natural Resources: Forest resources: Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forests and tribal people. 4. Natural Resources: Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems. 5. Natural Resources: Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies. 6. Natural Resources: Food resources: World food problems, changes caused by agriculture and overgrazing, Food resources effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies. 7. Natural Resources :Energy resources: Growing energy needs, Energy resources renewable and non-renewable energy sources, Energy resources use of alternate energy sources, case studies. 8. Role of individual in conservation of natural resources 9. Equitable use of resources for sustainable lifestyles</p>	
<p><b>Module III : Ecosystems</b></p>	<p><b>25</b></p>
<p><b>Descriptors/Topics</b>  1. Concept of an ecosystem, 2. Types of ecosystem, 3. Structure and function of an ecosystem, Producers, consumers and decomposers. 4. Energy flow in the ecosystem, Food chains, food webs and ecological pyramids. 5. Ecological succession. 6. Introduction, types, characteristic features, structure and function of Forest ecosystem, Grassland ecosystem and Desert ecosystem, Aquatic ecosystems (ponds, streams, lakes, rivers, ocean estuaries)</p>	
<p><b>Module IV : Biodiversity</b></p>	<p><b>30</b></p>
<p><b>Descriptors/Topics</b>  Introduction - Definition: genetic, species and ecosystem diversity 2. Biogeographical classification of India 3. Value of biodiversity: consumptive use, productive use, social, ethical aesthetic and option values 4. Biodiversity at global, national and local levels, India as a mega-diversity nation 5. Hot-spots of biodiversity, 6. Threats to biodiversity: habitat loss, poaching of wildlife, man wildlife conflicts 7. Endangered and</p>	

endemic species of India 8. Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity 9. Biological Diversity Act, 2002	
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**Student Learning Outcomes:**

- Apply an awareness, knowledge, and appreciation of the intrinsic values of environmental study and its conservation
- and demonstrate an integrative approach to environmental issues with a focus on sustainability
- Develop an ability to integrate the many disciplines and fields that intersect with environmental concerns.
- Implement the various theoretical concepts learnt
- Build the critical thinking skills in relation to environmental conservation

**Text & Reference:**

- Khaushik & Khaushik, “Fundamentals of Environmental Studies”
- Somvanshi & Dhupper “Fundamentals of Environmental Studies”
- Gauba& Bisht “ Environmental Studies, Challenges & Solutions A quick Compendium
- Asthana & Asthana “ A textbook of Environmental Studies”

**Course Title: Financial Accounting - I**

**Course Code: ACCT103**

**Course Objectives:** The objective of this course is to develop conceptual understanding of the fundamentals of financial accounting system this processes transactions and other events through a book-keeping mechanism to prepare financial statements, and also to impart skills in accounting for recording various kinds of business transactions. This paper aims to make students learn about the differences in financial statement preparation, measurement & presentation.

**Course Contents/Syllabus:**

	<b>Weightage (%)</b>
<b>Module I Conceptual, System &amp; Regulatory frame work</b>	<b>15</b>
<ul style="list-style-type: none"><li>• <b>Descriptors/Topics</b> Basics of Book keeping and Accounting—Meaning, definition, Nature, Functions and its usefulness. Accrual and Cash basis of Accounting.</li><li>• Branches of accounting. Financial accounting principles, concepts and convention – measurement of business income. Accounting Standards – national and international (basic knowledge). System of Book keeping — Double Entry System, books of prime entry, subsidiary books, recording of cash and bank.</li></ul>	
<b>Module II Final Accounts with adjustments</b>	<b>20</b>
<b>Descriptors/Topics</b> Books of Accounts leading to the preparation of Trial Balance. Capital and revenue expenditures. Capital and revenue receipts. Contingent assets and contingent liabilities. Opening, entries, closing entries, adjustment entries and rectification entries. Trading, manufacturing and profit and loss account and balance sheet. Fundamental errors, including rectifications thereof. Introduction to depreciation & methods of Depreciation-SLM & WDM, Salient features of revised AS-6.	
<b>Module III Accounting for Partnership firms –Fundamentals</b>	<b>20</b>

<p><b>Descriptors/Topics Partnership: features</b></p> <ul style="list-style-type: none"><li>• Partnership deed Provisions of the Indian Partnership Act 1932 in the absence of partnership deed</li><li>• Fixed v/s fluctuating capital accounts. . Limited Liability Partnership.</li><li>• Division of profit among partners, guarantee of profits, past adjustments (relating to interest on capital, interest on drawing, salary and profit sharing ratio)</li><li>• Preparation of P&amp;L Appropriation Account</li><li>• Goodwill: nature, factors affecting and methods of valuation -average profit, super profit, and capitalization</li></ul>	
<p><b>Module IV Accounting for Partnership firms -Reconstitution and Dissolution</b></p>	<p><b>25</b></p>

<ul style="list-style-type: none"> <li>• <b>Descriptors/Topics</b> Change in the Profit Sharing Ratio among the existing partners -sacrificing ratio, gaining ratio.</li> <li>• Accounting for revaluation of assets and re-assessment of liabilities and distribution of reserves and accumulated profits</li> <li>• Admission of a partner -effect of admission of a partner on change in the profit sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and re -assessment of liabilities, treatment of reserves and accumulated profits, adjustment of capital accounts and preparation of balance sheet</li> <li>• Retirement and death of a partner: effect of retirement /death of a partner on change in profit sharing ratio, treatment of goodwill, treatment for revaluation of assets and re -assessment of liabilities, adjustment of accumulated profits and reserves. Calculation of deceased partner's share of profit till the date of death. Preparation of deceased partner's capital account, executor's account and preparation of balance sheet</li> </ul> <p>Dissolution of partnership firms: types of dissolution of firm. Settlement of accounts-preparation of realization account, and other related accounts (excluding piecemeal distribution, sale to a company and insolvency of partner's firm.</p>	
<p><b>Module V Bills of Exchange</b></p>	<p><b>20</b></p>
<p><b>Descriptors/Topics</b></p> <p>Bills Receivables and payables, acceptance, endorsement, discounting, dishonour, and renewal of bills, accommodation bill.</p>	

- **Student Learning Outcomes:** To familiarize and develop an understanding of the skills of accounting principles for effective recording of business operations of an entity.  
To Define the function of accountancy in communicating, reporting and assuring financial information.
- To understand the objectives of financial statement.  
To explain the contribution and inherent limitations of financial statements in meeting stakeholders' needs for financial information
- To calculate an estimate of the value of goodwill in the partnership firm.

**Text& References**

Dr. S.N. Maheswari, Financial Accounting BS  
Raman, Financial Accounting  
Grewal and Gupta, Advanced Accounting



**Course Title: MERCANTILE LAW**

*(For erstwhile Mercantile Law/Laws, Business & Economic Laws)*

**Course Code: LAW211**

The objective of the course is to familiarize the students with the various laws in relation to business entities, the contractual obligations, the sale and purchases and remedial measures for the consumers arising out of the business in goods and/or sector

**Pre-requisites:**

The student should have understanding of day today Commerce and basic knowledge of commercial / business laws with aptitude to comprehend the various business activities.

**Student Learning Outcome:**

The paper aims to make students familiar with and to provide insight into nature of various contractual obligations, besides, the business entities, their working , obligations . The students can derive working knowledge related to Law Merchant

**Course Contents/Syllabus:**

<b>Module I:</b> The Indian Contract Act 1872	<b>Weightage (%)</b>
Contract : Meaning, characteristics and kinds, Essential of valid contract – offer and acceptance, consideration, contractual capacity, free consent, legality of objects, void agreements, <b>contingent and quasi contracts</b> ,discharge of contract – modes of discharge including breach and its remedies , <b>indemnity and guarantee, bailment , pledge and contract of agency</b>	20
<b>Module II:</b> The Limited Liability Partnership Act, 2008	

Salient features of LLP, Difference between LLP and Partnership, LLP and company, LLP agreement, Nature of LLP, Partners and designated partners, incorporation document, incorporation by registration, registered office of LLP and change therein, change of name, partners and their relations, extent and limitation of liability of LLP and partners, whistle blowing, contributions, financial disclosures, Annual return, taxation of LLP, conversion to LLP, winding up and dissolution	20
<b>Module III: Indian Sale of Goods Act 1932</b>	
Contract of Sales, Meaning and difference between sale and agreement to sell, Conditions and warranties, Transfer of ownership in goods including sale by non- owners, Performance of contract of sale, Unpaid Seller – meaning and rights of an unpaid seller against the goods and the buyer	20
<b>Module IV: Elements of Company Law</b>	
Meaning and types of companies, Formation of a company, Memorandum and Articles of Association,	20
Prospectus and Issue of Shares, Share Capital and Shareholders, Company Meetings and Proceedings, Powers and Liabilities of Directors, meeting, Managerial Remuneration and Winding up of Company.	
<b>Module V: Consumer Protection Act,1986 &amp; Intellectual Property Law</b>	
Need for Consumer Protection – Meaning of Consumer – Different redressal Forums for Consumers, Rights of Consumers, Unfair Trade Practices, and Procedure for Filing Complaints. Basic concepts- Patents, Trademark, Copyright, Designs. .	20

### Text and References:

Mayson, French & Ryan, Company Law , 25<sup>th</sup> edn, 20098 , Oxford University Press Brenda Hannigam , Company Law ,2009 edn , Lexis Nexis , UK  
Ramaiya A, Guide to Company Law Edn , Wadhwa Nagpur  
The Institute of Company Secretaries of India , Company Law , Course Study material ,2009 Puliani Ravi&Mahesh Puliani, Manual of Companies Act & Corporate Laws  
Dr. Avtar Singh : Company Law , Eastern Book Company  
Jain D.K, Company Law Ready Reckoner ,2009 edn, Bharat Law House Ltd. New Delhi  
Bindal C,M , Mittal P.K,.Frequently asked Questions on Company Law (Problems & solutions), 2006 edn , Bharat Law House Ltd. New Delhi

Saharay, H : Indian Partnership Act with Limited Liability –Partnership Act Mulla D.F : Sale of Goods & Partnership  
Dr Avtar Singh :Law of Contract  
Bangia : Consumer Protection , Law & Procedure Wadhera, B.L : Law Relating to Intellectual Property Watal, J  
: Intellectual Property Rights

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## SEMESTER II

**COURSE TITLE : BUSINESS MATHEMATICS II**

**COURSE CODE: QAM 104**

**LEVEL : UG**

### **Course Objectives:**

The objective of this course is to orient the students towards the basic concepts of mathematics and its applications in the business world.

### **Pre-requisites:**

The student should have basic knowledge of tenth standard CBSE level mathematics.

### **Student Learning Outcomes:**

- The students after completion of the program will be able to understand the mathematical concepts and terminology involved in Algebra, Derivatives and basic arithmetic operations on Matrices.
- The students will be able to interpret and solve business related problems.
- The students will have strong foundation for further study in Management, Operations, Accounting, Marketing and Finance.

<b>Course Contents/Syllabus:</b>	<b>Weightage (%)</b>
<b>Module I : Algebra</b>	<b>20%</b>
<ul style="list-style-type: none"><li>▪ Introduction to Business Mathematics,</li><li>▪ Scope and Importance, Indices and Surds;</li><li>▪ Logarithm- Definition and properties, common logarithms;</li><li>▪ Linear, Quadratic and Simultaneous Equations - Methods of solving quadratic equation, Roots of quadratic equation, simultaneous equations with two or three unknowns,</li><li>▪ Inequalities with Graphs.</li></ul>	
<b>Module II : Data Arrangement</b>	

<ul style="list-style-type: none"> <li>▪ Arithmetic and Geometric Progression and its Applications in Business,</li> <li>▪ Permutations and Combinations and its applications in business.</li> </ul>	<b>10%</b>
<b>Module III : Coordinate Geometry</b>	
<ul style="list-style-type: none"> <li>▪ Concepts of Co-ordinate Geometry, Cartesian Coordinate System, Coordinates of midpoint,</li> <li>▪ Distance between two points, Section Formula,</li> <li>▪ Equation of straight line (slope-intercept form, slope- point form, two point form),</li> <li>▪ Intersection between two lines – equation parallel line, perpendicular line</li> </ul>	<b>15%</b>
<b>Module IV : Differential Calculus</b>	
<ul style="list-style-type: none"> <li>▪ Function: Definition, Types of Functions, Concepts of Limits and Continuity,</li> <li>▪ Differentiation- definition, derivatives of Algebraic, Logarithmic and exponential function,3.</li> <li>▪ Business application of differentiation;</li> <li>▪ Chain Rule, Product Rule, Quotient Rule,</li> <li>▪ Maxima and Minima (single variable case),</li> <li>▪ Applications to business problems</li> </ul>	<b>20%</b>
<b>Module V : Integration</b>	
<ul style="list-style-type: none"> <li>▪ Concepts of Integration ,</li> <li>▪ Indefinite Integration and methods of integration (Exponential &amp; Algebraic functions),</li> <li>▪ Product Rule ,Business Application of Integration</li> </ul>	<b>10%</b>
<b>Module V1 : Matrices</b>	
<ul style="list-style-type: none"> <li>▪ Definition and Types of Matrices- Conversion of linear equations to matrix form, Algebra of Matrices,</li> <li>▪ Transpose of a Matrix, Determinants( order 2 and 3), Cofactors, Adjoint of a Matrix, Inverse of Matrix,</li> <li>▪ Applications to business problems and solving simultaneous equations up to 3 variables using Cramer’s Rule and Matrix Inversion Method.</li> </ul>	<b>25%</b>

**References:**

1. Sharma J K (2014), Business Mathematics: Theory and Applications (2nd Edn), Ane Books Pub. ,Delhi,
2. Raghavachari M(1999), Mathematics for Management, Tata McGraw -Hill
3. Piskunov N (2003) ,Differential & Integral Calculus, Moscow MIR Publishers
4. Sancheti and Kapoor(2010), Business Mathematics, Sultan Chand & Sons

**Course Title: FINANCIAL ACCOUNTING -II**

**Course Code: ACCT 113**

**Level: UG**

<b>Course Title</b>	<b>Weightage</b>
<b>Course Objectives:</b> The objective of this course is to enable the students to understand the concepts of Advanced Financial accounting, its importance and to develop in them an understanding of the integration of Advanced financial Accounting practices. .Pre-requisites: Students should have an understanding of the basic concepts of Financial Accounting	
<b>Prerequisites:</b> Basic Knowledge of financial Accounting .	
<b>Student Learning Outcomes:</b> To demonstrate an advanced awareness in the field of accounting To gain the ability to solve advanced problems in the case of different entities. To describe and apply the treatment of leasing type. Analyze and evaluate the accounting position of hire purchase ,Branch & Departmental accounting	
<b>Module I Joint Venture</b>	<b>10% Weightage</b>
<ul style="list-style-type: none"><li>• <b>Meaning &amp; its Definition Distinguish between consignment &amp; Joint Venture. Accounting treatment.</b></li></ul>	
<b>Module II Branch Accounting</b>	<b>25% Weightage</b>
<ul style="list-style-type: none"><li>• <b>Descriptors/Topics Concept of Branch; different types of Branches. Synthetic method – preparation of Branch account. Preparation of</b></li></ul>	

<p><b>Branch Trading and P/L account. ( at cost &amp; at IP ) – Normal and abnormal losses. Analytical method – preparation of Branch Stock, Adjustment etc A/C (at cost &amp; at IP ) – normal &amp; abnormal losses</b>  <b>Independent branch – concept of wholesale profit and basic idea of incorporation.</b></p>	
<p><b>Module III Departmental</b></p> <ul style="list-style-type: none"> <li>• <b>Meaning, Concept, difference with Branch, objective of preparation of departmental accounts apportionment of common cost Preparation of Departmental Trading and P/L account, Consolidated Trading and P/L account Inter departmental transfer of goods at cost, cost plus and at selling price and elimination of unrealized profit.</b></li> </ul>	<p><b>15% Weightage</b></p>
<p><b>Module IV Hire Purchase and Installments</b></p> <ul style="list-style-type: none"> <li>• <b>Accounting for Hire Purchase and Installment System -Meaning – Features of hire purchase agreement Distinction between hire purchase and sale –Interest calculation – Recording of transaction in the books of both parties Default and repossession Installment system – Features Distinction between hire purchase and installment</b></li> </ul>	<p><b>20% Weightage</b></p>
<p><b>Module V Consignment</b></p> <ul style="list-style-type: none"> <li>• <b>Consignment: Basic features Difference with sales. Recording in the books of Consignor – at cost &amp; at invoice price, Valuation of unsold stock; Ordinary commission. Treatment and valuation of abnormal &amp; normal loss. Special commission, Del credere commission (with and without bad debt) Use of Consignment Debtors A/C. Recording in the books of Consignee</b></li> </ul>	<p><b>10% Weightage</b></p>
<p><b>Module VI RECENT ADVANCEMENTS AND TRENDS</b></p>	<p><b>20% Weightage</b></p>
<p>Value billing systems, CASE STUDY AND ROLE PLAY, Use of Accounting Software Tally.ERP9</p> <p>Text Reading: Text&amp; References Dr. S.N. Maheswari, Financial Accounting BS Raman, Financial Accounting Grewal and Gupta, Advanced Accounting Radhaswamy and R.L. Gupta, Advanced Accounting S.Kr. Paul, Advanced Accounting P.C. Tulasian, Pearson Editions, Introduction to Accounting Jain &amp; Narang, Financial Accounting Sehgal, A and Sehgal,D “Advanced Accounting”, Part – 1, Taxmann Applied services, New Delhi</p>	



## Course Title: FUNDAMENTALS OF CORPORATE LAW

Course objectives:

To develop an understanding of the regulation of registered companies and to provide through understanding of the various provisions of Indian Company Law , besides , law regarding to competition and right to information

### Pre-requisites:

The student should have understanding of day today Commerce and basic knowledge of commercial / business organizations with Legal aptitude to comprehend the various business activities.

### Student Learning Outcome:

The paper aims to make the students familiar with and to provide insight into formation of companies and role of Managerial persons thereto , besides , the paper provides insight to various provisions of Company Law , the role company plays in regulating business activity . After completing the course the student will be having requisite acquaintance of company laws /affairs , competition issues and laws regarding right to information .

### Course Contents/Syllabus:

<b>Module I: Introduction,</b>	<b>Weightage (%)</b>
Meaning of Company , Characteristics & Types of Companies , Formation of Company , Advantages & Disadvantages , Lifting of Corporate Veil , Pre- incorporation Contracts , Promoters	15
<b>Module II: Memorandum etc</b>	
Memorandum of Association ,Articles of Association , Prospectus, Borrowing Power , Debentures , security for debenture holders , Mortgage & Charges	15
<b>Module III : Shares &amp; Share Capital</b>	

Shares , kinds , dividend to equity & preference share holders , rules regarding dividends , declaration of dividend out of reserves, rules regarding unpaid or unclaimed dividend , Transfer of Shares	15
<b>Module IV Audit &amp; Inspection</b>	
Audit of Limited Company , Company Auditor , Appointment , Powers , Duties & Liabilities , Auditors Report, Power of Investigation ,Consequences of Inspectors Report	15
<b>Module V: Managerial Person &amp; Winding up</b>	
Directors, Appointment, Powers & Legal Position , Meetings , Corporate Social Responsibility , Oppression & Mismanagement , Winding up of Companies	20
<b>Module VI : Competition Law &amp; Right to Information</b>	
Origin and Background of the Competition Law in India, Anti- competition agreements, abuse of dominant position, combinations, Dominance and monopoly practices, Competition commission its function and powers , Right to Information and Exemptions .	20

**Text and References:**

M.C.Shukla & Gulshan : Principles of Company Law

N.D. Kapoor : Company Law and Secretarial Practice

M.C. Bhandari : Guide to Company Law Procedures Tuteja : Company Administration and Meetings

S.C Kuchehal : Company Law and Secretarial Practice

Dr. P.N. Reddy and H.R. Appanaiah: Essentials of Company Law and Secretarial Practice , Himalaya Publishers

Dr. Avtar Singh : Competition Law

T Ramappa : Competition Law in India

V.K. Dewan : Commentary on Right to Information Act

**Course Title: Macro Economics**

**Course Level: UG**

**Course Code: ECON135**

**Course Objectives:**

This course introduces students to the basic concepts of macroeconomics. The aim is to equip the students with various theories of income determination, money supply, finance and revenue. Some relevant policy issues will be covered as well.

**Course Contents/Syllabus:**

	<b>Weightage (%)</b>
<b>Module I</b> National Income	<b>20</b>
National Income- Meaning of national income. Concept of national income at current price, constant price, market price and factor cost.	
<b>Module II</b> Theory of Money	<b>20</b>
Theory of Money - Fisher's and Keynesian quantity theory of money. Demand for money and Keynesian Liquidity Preference Theory of Interest	
<b>Module III</b> Central and Commercial Bank	<b>20</b>
Central and Commercial Bank - Principles of Central Bank. Functions of central bank. Method of credit control. Functions of commercial banks. Method of credit creation.	
<b>Module IV</b> Inflation	<b>20</b>
Concept of inflation. Nature and causes of inflation.	

<b>Module V</b> Theory of Public Finance	<b>20</b>
Theory of Public Finance - Public expenditure, Public revenue. Sources of public revenue. Basic concept of tax and types of tax. Incidence of taxation. Direct and Indirect Tax.	

On successful completion of the course, students will be able to

- Have requisite **understanding** of the basic concepts of National Income and Public Finance
- Students will **comprehensively** understand, interpret, compare & contrast, explain the role of banks .
- **Analyze** the reasons underlying the phenomenon of inflation .

**Text Reading:**

- H.L. Ahuja – Microeconomics, S. Chand & Co. Ltd., New Delhi.
- Bradley R. Schiller – The Economy Today, Mc-Graw Hill Inc. International Edition.
- Ruddar Datt & K.P.M. Sundhram – Indian Economy, 53rd edition, S. Chand

**References:**

- Samuelson & Nordhaus – Economics, Tata Mc-Graw Hill Publishing Co. Ltd., New Delhi.

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**Course Title:Principles of Marketing**

**Course Level:UG**

**Course Code:MKTG101**

**Course Objectives:** The main objective of this course is to give students an elementary knowledge of the fundamentals in the field of marketing. The focus will be both on developing and helping them imbibe basic marketing principles and establishing an appreciation of contemporary realities.

**Pre-requisites:** Nil

**Student Learning Outcomes:**

By the end of the course students will be able to:

- Identify and relate to the importance of marketing in the success of a company.
- Describe and analyse the opportunities and challenges inherent in marketing environment.
- Apply product, pricing, distribution and communication strategies to bear positive results.

**Course Contents/Syllabus:**

	<b>Weightage (%)</b>
<b>Module I: Introduction to Marketing</b>	<b>20</b>
Meaning of marketing, Core concepts of marketing, Evolution and its role in the changing business environment, various marketing management philosophies, Relationship between Marketing and Strategic Planning	
<b>Module II: Analyzing Marketing Opportunities and Understanding Consumers</b>	<b>20</b>
Internal and External Marketing Environment Analysis, Introduction to Marketing Information System and Marketing Research, Buying Behaviour for Consumer Markets and Industrial Markets, Buying Decision Process and Factors Affecting Buyer Behaviour,	

Consumer Adoption Process.	
<b>Module III: Segmentation, Targeting and Positioning</b>	<b>20</b>
Concept of Market Segmentation, Bases for segmenting Consumer and Business markets, Approaches for Targeting, Differentiation and Positioning.	
<b>Module IV: Product and Pricing Strategies</b>	<b>20</b>
Product: Concept & Levels Classification of Products: Consumer and Industrial Product Mix Product Line Decision Product Life Cycle and various strategies New Product Development: Challenges & Process Packaging & Labeling: Concept & Importance Introduction to various objectives of pricing, Pricing Process. Understanding various pricing strategies and their application.	
<b>Module V: Distribution and Marketing Communication Mix</b>	<b>20</b>
Nature of Marketing Channels, Channel Functions and Flows, Channel Design and Management Decisions, Channel Dynamics. Introduction to Wholesaling, Retailing and Logistics. The process of deciding the Marketing communication mix, Marketing communication budget. Introduction to various elements of integrated marketing communications.	

**Text & References:**

- Marketing Management – A South Asian Perspective; Philip Kotler, Kevin Lane Keller, Abraham Koshy and Mithileswar Jha, Pearson Education. ISBN: 9788131767160
- Marketing Management: A Strategic Decision – Making Approach; V.S. Ramaswamy and S. Namakumari. Tata McGraw Hill Education India. ISBN: 9781259026416
- Principles of Marketing South Asian Perspective; Philip Kotler, Gary Armstrong, Prafulla Y. Agnihotri and Ehsan ul Haque, Pearson Education. ISBN: 9788131731017
- Marketing Management, Rajan Saxena. Tata McGraw Hill. ISBN: 9780070144910

### SEMESTER 3

**Course Title: Corporate Accounting - I**

**Course Code: ACCT203**

**Course Level:UG**

**Course Objectives:**

To help the students to acquire the conceptual knowledge of the fundamentals of the corporate accounting and to learn the techniques of preparing the financial statements of corporate entities.

**Pre-requisites:**

The student opting for this course should have a basic knowledge of financial accounting

**Course Contents/Syllabus:**

	<b>Weightage (%)</b>
<b>Module I Issue of shares</b>	<b>20</b>
<b>Descriptors/Topics</b> Types of share capital, issue of shares at par, at premium and at discount; forfeiture and re-issue of shares; buy-back of shares; redemption of preference shares - statutory requirements, disclosure in balance sheet; Accounting treatment for right and bonus shares. <b>Accounting treatment for right and bonus share should be as per Company Act 2013.</b>	
<b>Module II Issue and redemption of debentures</b>	<b>20</b>
<b>Descriptors/Topics</b> Descriptors/Topics Issue of debentures - accounting treatment and procedures; redemption of debentures; conversion of debentures into shares. <b>All the topics should be as per Company Act 2013.</b>	
<b>Module III Underwriting of shares</b>	<b>20</b>

<p><b>Descriptors/Topics</b> Under writing of Shares and Debentures(marked application – unmarked application – partial underwriting, calculation of underwriting commission – Preparation of statement showing allocation of gross liability and net liability) <b>All the topics as per Company Act 2013.</b></p>	
<p><b>Module IV Final Accounts</b></p>	<b>20</b>
<p><b>Descriptors/Topics</b> Preparation of final accounts including computation of managerial remuneration, divisible profits, transfer to reserve, bonus issue. <b>Topic shall be changed as framework for preparation and presentation of financial statement of companies under Companies Act, 2013 – Significant provision.</b></p>	
<p><b>Module V Valuation of goodwill and shares</b></p>	<b>20</b>
<p><b>Descriptors/Topics</b> Good will - Meaning – Definition – Elements of goodwill – Types of Goodwill – Purchased Goodwill – Non purchased or inherent Goodwill – Valuation of Non-purchased Goodwill – Average Profit Method – Super Profit Method – Capitalization of Average Profit Method – Capitalization of Super Profit Method – annuity method Shares - Meaning – need for valuation – factors affecting valuation – methods of valuation – Asset Backing or Intrinsic Value Method – Yield Valuation Method – Dividend Yield – Fair Value method, value of right shares – valuation of preference shares.</p>	

### Student Learning Outcomes:

- On the successful completion of this course the student will have the knowledge of the concepts, practice and procedures of company accounts and its application to different practical situations;
- The student will be able to prepare financial statements as required under companies act for fair representation, understanding and reliability of stakeholders.

### Text Reading:

- S.N.Maheshwari, Corporate Accounting
- Mukherjee & Hanif- Corporate Accounting
- J.R.Monga- Fundamentals of corporate accounting
- Grewal and Gupta, Advanced Accounting Radhaswamy and R.L. Gupta, Advanced Accounting



**Course Title: Cost Accounting**  
**Course Code: ACCT211 Credit**  
**Units: 3**

**Course Level: UG**

**Course Objectives:** The objective of the course is to enable students to acquire sound Knowledge of concepts, methods and techniques of allocation and control of various costs. To teach them different methods of costing and to make the students develop competence with their usage in managerial decision making and control.

**Pre-requisites:** Basic Knowledge of Financial Accounting.

**Course Contents/Syllabus:**

	<b>Weightage (%)</b>
<b>Module - Introduction</b>	<b>15</b>
<b>Descriptors/Topics</b> <ul style="list-style-type: none"> <li>• <b>Descriptors/Topics</b> Meaning of Cost, Costing and Cost Accounting , Objectives &amp; limitations of cost accounting, Elements of Cost, components of costs, classification of costs, items specifically excluded from cost accounting, Cost ascertainment- Cost object – cost unit-Cost Center vs profit centre, Designing and installing a Cost Accounting system – Methods, techniques and systems of costing. Preparation of cost sheet – Tenders and Quotations..</li> </ul>	
<b>Module II - Material Costing</b>	<b>15</b>
<b>Descriptors/Topics</b> Books of Accounts leading to the Classification of materials – Material Control – techniques of Inventory control – Setting of stock levels – EOQ, Inventory systems-Periodic and perpetual-Continuous stock taking, Valuation of materials- Incoming materials and outgoing materials-Specific price method – FIFO –LIFO – Simple	

Average Method – Weighted Average Method- (including materials returned to stores).	
<b>Module III Labour Cost</b>	<b>15</b>
<b>Descriptors/Topics</b> Direct and Indirect labour, Control of labour cost by different departments( Including Meaning of Time and Motion Study, Merit Rating, Job Analysis, Time keeping and Time booking), treatment of holiday pay- Idle time- overtime and night shift allowance-causes and treatments, Methods of Wage Payment, Time rate and Piece Rate – Incentive Schemes – Halsey Premium Plan, Halsey weir Premium Plan – Rowan Bonus Plan – Taylor’s and Merrick’s differential piece rate systems..	
<b>Module IV Overheads</b> <b>Descriptors/Topics</b> Classification of overheads – Procedure for accounting and control of overheads, Overhead distribution stages– Allocation of overheads – Apportionment of overheads – Apportionment of Service department costs to production departments – Repeated Distribution method – Simultaneous equation method, absorption of Overheads – Methods of Absorption – Percentage of direct material cost – Direct Labour Cost, Direct Labour hour rate and Machine Hour Rate.	<b>15</b>
<b>Module V Costing Methods</b>	<b>20</b>
<b>Descriptors/Topics</b> Introduction - Job Costing – Batch Costing – Contract Costing, Process Costing – principles – distinction between Process and Job – Preparation of process accounts – treatment of normal loss – abnormal loss – abnormal gain – Joint and By-products	
<b>Module VI Marginal Costing</b>	<b>20</b>
meaning, advantages, marginal costing and absorption costing; Cost-Profit-Volume Analysis: break even point, margin of safety, P/V Ratio, concept of key factor; break-even chart and its types; Decision making: costs for decision making, variable costing and differential analysis as aids in making decisions – fixation of selling price, exploring new market, make or buy, product mix, operate or shut down, sell or process further decisions etc. <b>Introduction to Standard costing and Budgetary control</b>	

**Student Learning Outcomes:**

- (a) After Completion of this course the student will be able to understand the basic concepts and processes used to determine product costs;
- (b) Student will be able to interpret cost accounting statements;
- (c) He will be able to analyse and evaluate information for cost ascertainment, planning, control and cost decision making.

**Text Reading: Text:** M.L. Agarwal: Cost Accounting

- Jain & Narang: Cost Accounting
- S.N. Maheshwari: Cost Accounting
- M. N. Arora: Cost Accounting

**Course Title: Direct Tax - I**

**Course Code: ACCT204**

**Course Level: UG**

**Course Objectives:**

- The objective of this Course is to acquaint the students with basic principles underlying the provisions of direct tax laws and to develop a sound understanding of the tax laws and accepted tax practices.
- It will not only provide understanding of direct tax including rules pertaining to and application to different business situations but also explain practical aspects of Direct Tax Laws.

**Pre-requisites:**

The student opting for this course should have some basic knowledge of tax. The student is expected to combine the learning across finance courses like financial accounting and financial management.

**Course Contents/Syllabus:**

	<b>Weightage (%)</b>
<b>Module I Introduction to Income Tax Law</b>	<b>20</b>
<b>Descriptors/Topics</b> Brief History of Income Tax, Legal Frame work, Cannons of Taxation – Finance Bill – Scheme of Income Tax. Definition: Assessee, Person, assessment year, previous year, income, Gross Total Income, Total Income, Agricultural Income (including integration of Agricultural Income with Non- Agriculture Income). Revenue and Capital (a) Receipts (b) Expenditure (c) Loss.	
<b>Module II Residence &amp; Tax Liability</b>	<b>20</b>

<p><b>Descriptors/Topics</b> Residential Status and Incidence of Tax. Exempted Incomes U/S 10 (Restricted to Individual Assesseees) : fully exempted and partly exempted incomes, calculation of taxable income in case of all kind of assesseees.</p>	
<p><b>Module III Income from Salary</b></p>	<b>15</b>
<p><b>Descriptors/Topics</b> Income from Salary – Features of Salary Income – Basic Salary – Allowance, Perquisites section 89(1) – Tax Rebate U/S 88 – Problems. Calculation of taxable income from salary.</p>	
<p><b>Module IV Income from Salary-Computation</b></p>	<b>20</b>
<p><b>Descriptors/Topics</b> Income from Salary - including problems on House Rent Allowance, Leave Encashment, Commutation of Pension, Death-cum-Retirement benefits, Gratuity, compensation received on termination of the service.</p>	
<p><b>Module V Income from House Property</b></p>	<b>25</b>
<p>Income from House Property – Introduction – Annual value under different situations – deductions– calculation of taxable income from house property.</p>	

**Student Learning Outcomes:**

- On the successful completion of this course the student will be able to interpret and analyze personal income tax and understand direct tax laws as prescribed under different provisions of the Income-tax Act, 1961.
- A study of this paper will be helpful in taking different financial/managerial decisions after evaluating and reviewing the impact of direct tax laws.

- Dr. B.K.Agarwal, Income Tax Law & Practice – Sahitya Bhawan Publication, 2014.
- Dr. Rajiv Mehrotra, Income Tax Law & Practice, 2014.
- Dr. Girish Ahuja & Dr. Ravi Gupta Simplified Approach to Corporate Tax Planning & Management (Bharat Law House), 2014
- Systematic Approach to Income Tax.
- Girish Ahuja and Ravi Gupta Corporate Tax Planning & Management Bharat Law House 2014.
- Kaushal Kumar Agrawal, Corporate Tax Planning, , Vol. 1, 2014
- Rajeev Puri, Corporate Tax Planning and Management, 2014
- R.N. Lakhotia, Corporate Tax Planning Handbook, 2014
- Ghosh, R.K. & Saha, S., Income Tax Rules, Taxman ND 2014
- Singhanian V K, 2014, Direct Taxes Planning and Management, Taxmann.
- Taxmann's statutory manual for chartered accountants, company secretaries, cost and works accountants, advocates. - New Delhi: Taxmann, 2014
- Ready Recknor Taxmann, 2014

**Any other Study Material:**

**News Papers**

- **Journals & Articles**

**Course Title: STATISTICS FOR MANAGEMENT**

**Course Code: QAM601**

**Course Objectives: Course Objectives:**

The objective of this course is to give students, a conceptual introduction to the field of Statistics and its applications and to develop the understanding of various statistical tools used for decisions making and how each applies to and can be used in the business environment. The focus on interpretation rather than computation develops competencies that will aid students in their future careers as managers.

**Pre-requisites:** Fundamental understanding and knowledge of pre-calculus algebra, and proficiency with a computer spread sheet program.

**Course Contents/Syllabus:**

	<b>Weightage (%)</b>
<b>Module I Introduction</b>	<b>20%</b>
<b>Descriptors/Topics</b> <ol style="list-style-type: none"><li>1. Statistical thinking and analysis ;</li><li>2. Statistics defined; Types of statistical methods - Descriptive and inferential statistics; Importance and scope of statistics ;.</li><li>3. Scales of measurement;</li><li>4. Basic statistical concepts: population and sample.</li></ol>	
<b>Tabular and Graphical Descriptive Techniques using MS Excel:</b> <ol style="list-style-type: none"><li>1. Bar chart, Pie Chart, Histogram, Frequency Polygon, Ogive, Pareto Chart.</li><li>2. Stem-and-leaf display, Cross tabulations, Scatter plot and Trend line.</li></ol>	

<p><b>Numerical Measures</b></p> <ol style="list-style-type: none"> <li>1. Arithmetic Mean, Median and Mode.</li> <li>2. Partition Values- Quartiles, and percentiles.</li> <li>3. Measures of Variability: Range, IQR; Variance, Standard Deviation, Coefficient of variation.</li> <li>4. Use of MS Excel for Numerical Measures</li> </ol>	
<p><b>Module II Probability and Probability Distributions</b></p>	<p><b>20%</b></p>
<p><b>Descriptors/Topics</b></p> <ol style="list-style-type: none"> <li>1. Types of events and Algebra of events. Assigning probability to events;</li> <li>2. Joint, Marginal and Conditional Probability.</li> <li>3. Probability Rules; complement Rule, Multiplication Rule, Addition Rule, Bayes' Theorem.</li> </ol> <p><b>Probability Distributions:</b></p> <ol style="list-style-type: none"> <li>1. Mean or Expected value of random variable.</li> <li>2. Variance and Standard Deviation of random variables.</li> <li>3. Binomial Probability Distribution, Poisson Probability Distribution and Normal Probability Distribution.</li> <li>4. Using MS Excel for computation of Binomial, Poisson and Normal probabilities.</li> </ol>	
<p><b>Module III Sampling, Sampling Distribution and Estimation</b></p>	<p><b>20%</b></p>
<p><b>Descriptors/Topics</b></p> <ol style="list-style-type: none"> <li>1. Sampling: Basic Concepts, Types of Sampling and Non-Sampling Errors and Precautions,</li> <li>2. Central Limit Theorem,</li> <li>3. Sampling Distribution of the mean, Sampling distribution of proportion.</li> <li>4. Estimation: Types Estimates, Using <math>z</math> Statistic for estimating population mean,</li> <li>5. Confidence interval for estimating population mean when population SD is unknown,</li> <li>6. Estimating population mean using <math>t</math> Statistic (small sample case), and Confidence interval estimation for population proportion.</li> <li>7. Using MS Excel for confidence interval construction.</li> </ol>	
<p><b>Module IV Hypothesis Testing</b></p>	<p><b>20%</b></p>
<p><b>Descriptors/Topics</b></p> <p><b>Fundamental Concepts of Hypothesis Testing:</b></p> <ol style="list-style-type: none"> <li>1. Developing null and alternate hypothesis,</li> <li>2. Hypothesis testing procedure, the critical value of the test statistic, regions and rejection and non-rejection,</li> <li>3. Type I error and Type II error,</li> <li>4. Level of significance,</li> <li>5. The confidence coefficient, The power of a test,</li> </ol>	



<p>6. The <math>p</math>-value approach to hypothesis testing.</p> <p><b>Inference about a Population:</b></p> <ol style="list-style-type: none"> <li>1. For single population mean using <math>z</math>-statistic, for single population mean using <math>t</math>-statistic, hypothesis testing for population proportion.</li> </ol> <p><b>Inference about Comparing Two Populations:</b></p> <ol style="list-style-type: none"> <li>1. Inference about the difference between two population means –</li> <li>2. Independent samples and Matched Samples,</li> <li>3. Inference about the difference between two population proportions, Inference about the ratio of two population variances.</li> </ol> <p><b>Analysis of Variance (Analysis and Interpretation of MS Excel Output only):</b></p> <ol style="list-style-type: none"> <li>1. Testing for equality of <math>k</math>- population means,</li> </ol> <p><b>Chi-Squared Tests:</b></p> <ol style="list-style-type: none"> <li>1. Chi-squared goodness of fit test, and test of independence. Using MS Excel for Chi-squared test.</li> </ol>	
<p><b>Module V Forecasting Techniques</b></p>	<p><b>20%</b></p>
<p><b>Descriptors/Topics</b></p> <ol style="list-style-type: none"> <li>1. Measures of Linear Relationship: covariance, coefficient of correlation.</li> <li>2. Regression: Model, Estimating the coefficient using least squares method. Assessing the Model (Analysis and Interpretation of Excel Output only);</li> <li>3. Standard Error of Estimate, Coefficient of determination,</li> </ol> <p><b>Time Series Analysis:</b></p> <ol style="list-style-type: none"> <li>1. Variation in Time Series, Numerical application of trend analysis only.</li> </ol>	

**Student Learning Outcomes:** On completion of the course the student will be able to:

1. Arrange and describe information using numerical and graphical procedures.
2. Compute descriptive statistical measures to business situations.
3. Compute and apply probability distributions to model different types of business processes.
4. Perform Test of Hypothesis as well as calculate confidence interval for a population parameter for single sample and two sample cases.
5. Learn non-parametric test such as the Chi-Square test for Independence as well as Goodness of Fit.
6. Understand and apply forecasting techniques for business decision making and to uncover relationships between variables to produce forecasts of the future values of strategic variables

**Text Reading:**

- Keller, Gerald (2007), Statistics for Management and Economics, Cengage Learning.
- Sharma, J.K. (2014), Business Statistics, Pearson Education India.

Anderson D.R; Sweeny D.J, Williams T.A (2002), Statistics for Business and Economics, Cengage learning.

**References:**

- Keller, Gerald (2007), Statistics for Management and Economics, Cengage Learning
- Levin Richard I. & Rubin David S.(1998), Statistics for Management, Pearson Education India
- Kazinier L. J, & Pohl N.F. (2004), Basic Statistics for Business and Economics, New York: McGraw Hill.
- Stephen .K.C. (2002), Applied Business Statistics: Text, Problems and Cases. New York: Harper and Row.
- Ken Black (2011), Business Statistics, Wiley Publication

**Any other Study Material:** To be decided in the class.

## SEMESTER IV

**Course Title: Auditing**

**Course Code: ACCT212**

### **Course Objectives:**

To understand objective and concepts of auditing and gain working knowledge of generally accepted auditing procedures, auditing Standards, and of skills and techniques required to apply them in audit and solving simple case studies which will be complemented by the relevant provisions of Companies Act 2013.

### **Prerequisites:**

The students are expected to have a basic knowledge of company Law, financial accounting, working knowledge of various accounting standards followed while preparing books of accounts.

**Student Learning Outcomes:** After completing this course, the students should be able to: Explain and

- discuss auditing principles and its relationship with different disciplines Interpret and analyze the relevant provisions of Companies Act 2013
- Design the audit process for a particular audit programme, how control risks are assessed and controlled Explain the procedure for
- preparation of audit report.
- Explain the meaning of concepts that are fundamental to auditing such as Independence, audit evidence, materialistic etc
- 

### **Course Contents/Syllabus;**

	<b>Weightage (%)</b>
<b>Module I :Auditing Concepts</b>	<b>20</b>
• Meaning, Objectives, Nature and limitation of auditing, Generally accepted auditing principles and	

<ul style="list-style-type: none"> <li>• techniques, Auditing and assurance standards,</li> <li>• Auditing practices-Best Practices</li> <li>• Relationship of auditing with other disciplines,</li> <li>• Audit Planning and Types of Audit including audit of PPP's Auditors</li> <li>• Independence ; role and responsibility of auditors</li> </ul>	
<b>Module II : Internal Check, Internal Control and Internal Audit</b>	<b>20</b>
<p>Meaning and objects of internal check —fundamental Principles-internal check as regards wages, cash sales, cash purchases,</p> <ul style="list-style-type: none"> <li>• Internal control-meaning definition ; Internal Financial Control mechanism under new Companies Act 2013 ; Evaluation of internal control procedures; techniques including questionnaire, flowchart;</li> <li>• Internal audit – meaning-importance – advantage and disadvantages; internal audit and external audit, coordination between the two</li> </ul>	
<b>Module III :Verification and valuation of assets and liabilities</b>	<b>25</b>
<ul style="list-style-type: none"> <li>• Verification and valuation of assets and liabilities; Meaning and objectives</li> <li>• Position of an auditor as regards to the valuation of assets – verification and valuation of different items – assets –fixed assets -goodwill – stock in trade – investments – liabilities – capital – debentures – bills payable sundry creditors – contingent liabilities</li> </ul>	
<b>Module IV: Audit Report</b>	<b>20</b>
<ul style="list-style-type: none"> <li>• Reporting requirement under Companies Act 2013,</li> <li>• Report Vs. Certificate, implications of certificate as per Companies Act 2013 Contents of the report, Drafting of audit report</li> <li>• Qualification in the report,</li> <li>• <b>Audit Committee and CSR Committee</b></li> </ul>	
<b>Module V: Audit under computerized environment</b>	<b>15</b>

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Special aspects of Computerized Audit Environment- Systems Audit Need for</li> <li>• review of internal control</li> <li>• Use of computers for internal audit purposes: Audit tools, computerized audit programmes;</li> <li>• Special Aspects in Audit of E-Commerce Transaction.</li> </ul> |  |
|---|--|

**Text & References:**

- Kamal Gupta, Contemporary Auditing, Tata Mc Graw Hill, New Delhi
- B.N Tandon , A Handbook of Practical Auditing, Sultan Chand S.V.Ghatalia,
- Spicer & Peglar's Practical Auditing, Allied Pubulishers
- R.J. Thirauf, Management Auditing: A questionnaire approach, AMACOM Publication
- Compendium of Statements and Standards — Accounting and Auditing A.K.Singh,
- Elements of Auditing, brijwasi books, Delhi
- Weirich, Thomas R, Accounting and Auditing Research: a practical guide, South Western Publication Tiwari A.C,
- Public Sector Accounting and Auditing Standard, Excel Books
- Parth Sarathi, Planning Auditing and developing human resources, Manak Publications Sherer
- Michael, Current Issues in auditing, Paul chapman

**Course Title: Corporate Accounting – II**

**Course Code: ACCT214**

**Course Objectives:**

To help the students to understand the techniques of consolidation, restructuring and liquidating the corporate entities.

**Pre-requisites:**

The student opting for this course should have a basic knowledge of financial accounting and corporate accounting.

**Course Contents/Syllabus:**

	<b>Weightage (%)</b>
<b>Module I Amalgamation, absorption and external reconstruction</b>	<b>20</b>
<b>Descriptors/Topics</b> Meaning, legal provisions, types-in the nature of merger-in the nature of purchase, purchase consideration, accounting treatment in the books of transferor and transferee, Pooling of interest method-Purchase method (Excluding Inter company holdings), absorption-accounting procedure, External reconstruction- and accounting procedure. <b>All the topics as per Companies Act, 2013.</b>	
<b>Module II Accounting for Internal reconstruction</b>	<b>20</b>
<b>Descriptors/Topics</b> Meaning, nature and need for Internal Reconstruction, Methods of internal reconstruction, Utilisation of balance in reconstruction account, Balance sheet after Internal Reconstruction. <b>All the topics as per Companies Act, 2013.</b>	
<b>Module III Holding and subsidiary companies</b>	<b>20</b>
<b>Descriptors/Topics</b> Consolidated Balance Sheet and P & L A/C of holding and Subsidiary companies with one subsidiary only, intercompany transactions, unrealized profit, revaluation of assets & liabilities. <b>All the topics as per Companies Act, 2013.</b>	

## Module IV Banking Companies

### **Descriptors/Topics**

Difference between balance sheet of banking and non banking company; prudential norms. Assets structure of a commercial bank, Non performing assets(NPA). **All the topics as per Companies Act, 2013.**

## Module V Liquidation

**Descriptors/Topics** Meaning, Types of Liquidation –  
Preparation of Liquidator's Statement of affairs -Order of  
Payment

### **Student Learning Outcomes:**

- On the successful completion of this course the student will have the knowledge of the concepts, practice and procedures of company accounts related to amalgamation, reconstruction and winding up of companies.
- Students who completes this program will be able to prepare the consolidated financial statements.
- Student will have the knowledge of banking companies final statements and its special features.

### **Text Reading:**

- J.R.Monga- Fundamentals of corporate accounting
- D.K.Goel-Corporate Accounting S.N.Maheshwari,
- Corporate Accounting
- Mukherjee & Hanif- Corporate Accounting Grewal
- and Gupta, Advanced Accounting
- Radhaswamy and R.L. Gupta, Advanced Accounting

**Course Title: Direct Tax - II****Course Code:ACCT213****Course Objectives:**

- The objective of this Course is to acquaint the students with basic principles underlying the provisions of direct tax laws and to develop a sound understanding of the tax laws and accepted tax practices.
- It will not only provide understanding of direct tax including rules pertaining to and application to different business situations but also explain more detailed practical aspects of Direct Tax Laws.

**Pre-requisites:**

The student opting for this course should have cleared paper Direct Tax – I in III Semester. He/ She should have learned all the concepts covered in Direct Tax –I.

**Course Contents/Syllabus:**

	<b>Weightage (%)</b>
<b>Module I Income from Business &amp; Profession</b>	<b>20%</b>
<b>Descriptors/Topics</b> Profits & Gains of Business & Profession – Introduction, Basic Principles, Basic Principles, Computation of Taxable profits of Business & Profession, deductions, problems.	
<b>Module II Income from Capital Gain</b>	<b>25%</b>
Income from Capital Gains:- Introduction, Meaning & types of capital assets, Computation of Capital Gains, Problems.	
<b>Module III Income from Other Sources</b>	<b>25%</b>
Income from Other Sources:- Introduction, Meaning, Basis of charge U/S 56, Deductions U/S 57, various incomes and their treatment, income of a minor child. Computation of taxable income from other sources, Problems.	
<b>Module IV Total Income &amp; Tax Computation</b>	<b>15%</b>
<b>Direct Tax Code, Total Income and Tax Computation:-</b> Income of other persons included in assessee's total income, aggregation of income & set off and carry forward of losses, deduction from gross total income, computation of total income of individuals and firms.	
<b>Module V Overview to Tax Management</b>	



**Descriptors/Topics**

Overview of Tax Management:- Time limit of filing of Return of Income- PAN, TAN, TDS Provisions & Procedures of compulsory online filing of Returns for specified assessee's, assessment procedures.

**15%****Student Learning Outcomes:**

- On the successful completion of this course the student will be able to interpret and analyze personal income tax and understand direct tax laws as prescribed under different provisions of the Income-tax Act, 1961.
- A study of this Course will be helpful in understanding not only different heads of income in Income tax but also taking different financial/managerial decisions after evaluating and reviewing the impact of direct tax laws.
- Develop the ability to file individual returns and meet the legal norms and procedures.
- Student will gain a working knowledge regarding computation of taxable income, deductions and exemptions for the calculation of tax liability pertaining to individuals/firms.

**Text Reading:**

- Dr. B.K. Agarwal, Income Tax Law & Practice – Sahitya Bhawan Publication, 2014.
- Dr. Rajiv Mehrotra, Income Tax Law & Practice, 2014.
- Dr. Girish Ahuja & Dr. Ravi Gupta Simplified Approach to Corporate Tax Planning & Management (Bharat Law House), 2014
- Systematic Approach to Income Tax.
- Girish Ahuja and Ravi Gupta Corporate Tax Planning & Management Bharat Law House 2014.
- Kaushal Kumar Agrawal, Corporate Tax Planning, , Vol. 1, 2014
- Rajeev Puri, Corporate Tax Planning and Management, 2014
- R.N. Lakhotia, Corporate Tax Planning Handbook, 2014
- Ghosh, R.K. & Saha, S., Income Tax Rules, Taxman ND 2014
- Singhanian V K, 2014, Direct Taxes Planning and Management, Taxmann.
- Taxmann's statutory manual for chartered accountants, company secretaries, cost and works accountants, advocates. - New Delhi: Taxmann, 2014
- Ready Recknor Taxmann, 2014

**Any other Study Material**

- **News Paper & Articles.**
- **Journals**

**Course Title: Management Accounting**  
**Course Code: ACCT315**

**Course Objectives: To acquaint the students with application of Financial, Cost Accounting in managerial decision making**

**Pre-requisites: Student should have credited Financial Accounting and Cost Accounting papers.**

**Student Learning Outcomes: On the successful completion of this course students will be able to**

- Interpret financial and cost accounting data for the purpose of providing information to Top management as well as various Departmental heads for strategic decisions.
- Analyze financial data for personal investment analysis.
- Elaborate the use of financial tools for planning, coordinating, communicating and controlling business operations.

**Course Contents/Syllabus:**

	<b>Weightage (%)</b>
<b>Module I</b>	<b>20</b>
<b>Module I: Management Accounting</b> <b>Nature &amp; Scope:</b> Meaning and Definition - Objectives of Management Accounting - Management Accounting and Financial Accounting - Management Accounting and Cost Accounting - Utility of Management Accounting - Limitations of Management Accounting - Position of Management Accountant in the Organisation. Concept of Financial Statements and their Nature - Limitations of Financial Statements - Analysis and Interpretation - Tools - Comparative Financial Statements - Common size Statements - Trend Percentages	
<b>Module II</b>	<b>20</b>
<b>Ratio Analysis</b> - Nature and Interpretation - Utility and Limitations of Ratios - Short-term Financial Ratios - Long-term Financial Ratios - Profitability Ratios - Proprietary and Yield Ratios - Turnover Ratios and other capital ratios.	
<b>Module III</b>	<b>10</b>
<b>Funds Flow Analysis</b> Concept of Funds - Sources and Uses of Funds - Concept of Flow - Funds Flow Statement - Managerial Uses of Funds Flow Analysis - Construction of Funds Flow Statements	
<b>Module IV</b>	<b>20</b>
<b>Cash Flow Analysis</b> Distinction of Cash from Funds - Utility of Cash Flow Statement - Construction of Cash Flow Statement Accounting standard III issued by ICAI	

<b>Module V</b>	<b>20</b>
<b>Budgets and Budgetary Control</b> Concept of Budgets and Budgetary Control - Nature and Objectives of Budgetary Control - Advantages and Limitations of Budgetary Control - Establishing a system of Budgetary Control - Preparation of Sales Budget, Selling and Distribution Cost Budget, Production Budget, Purchase Budget, Cash Budget etc. - Flexible Budgets and Master Budgets.	
<b>Module VI Responsibility Accounting</b> Introduction, meaning, fundamental Aspects of Responsibility Accounting , Steps involved in responsibility Accounting, Responsibility Centres and their types, Advantages, Illustrations.	<b>10</b>

- **Text:** Dr. S.N. Maheswari , Management Accounting
- Made Gowda, Management Accounting
- Dr. S.N. Goyal and Manmohan, Management Accounting
- B.S. Raman, Management Accounting
- R.S.N. Pillai and Bagavathi, Management Accounting
- J. Batty, Management Accounting

**References**

- 1. Horngren C T, Sundem G L and Elliott J A. Introduction to Financial Accounting (8th ed.). Pearson Education.
- 2. Horngren, C.T., Foster, G, and Datar, S.M. Cost Accounting: A Managerial Emphasis. New Delhi: Prentice Hall of India Pvt. Ltd.

**COURSE TITLE: RESEARCH METHODOLOGY**

**COURSE CODE: QAM 202**

**Course Objectives:**

- To understand the way in which systematic research can be conducted to describe, explain, and predict phenomena of interest.
- To develop practical knowledge and skills to understand and carry out research projects
- To develop understanding of the basic techniques and tools for conducting research.
- To develop contents and organization of both the written report and oral presentation for which the research study was done.

□

**Pre-requisites:**

Knowledge of fundamentals of quantitative techniques

**Student Learning Outcomes:** By the end of this course, students will be able to

- Analyze qualitative and quantitative data, and explain how evidence gathered supports or refutes an initial hypothesis.
- Evaluate critically the quality of research by others
- Formulate research questions designed to test, refine, and build theories
- Identify and demonstrate facility in research designs and data collection strategies that are most appropriate to a particular research project
- Formulate a complete and logical plan for data analysis for 1 adequately answer the research questions an probe alternative explanations  
Interpret research findings and draw appropriate conclusions

**Course Contents/Syllabus:**

	Weightage (%)
<b>Module I : Nature and Scope of Research Methodology</b>	20
Types of research: Exploratory, Conclusive (Descriptive and Causal), Research process and steps in conducting research; Approaches of research: deductive, Inductive, qualitative and quantitative; Planning a research project: Problem identification and formulation. Research Design: Exploratory, Descriptive and Experimental.	

<b>Module II : Research Methods and Data Collection Technique</b>	20
Research modelling: Types, and Stages; Data collection methods: Survey, Observation and Questionnaire ; Questionnaire Design: Steps in constructing a questionnaire, Types of questions, Attitude measurement ; Scaling techniques: Ratio, interval, ordinal and nominal ; Sampling Plan: Sampling frame, sample selection methods- Probability and non- probability, sample size; Sampling and non-sampling errors; Editing, tabulating and validating of data.	
<b>Module III : Data Analyses Techniques</b>	30
Descriptive statistics, Review of hypothesis testing procedures: Parametric tests (z-test, t-test, and F-test) and Non-parametric test(Chi-square test, One-way and two-way ANOVA) Associative and Predictive analysis: Correlation and Regression- bivariate and multivariate	
Multivariate Techniques: Multi-Dimensional scaling, Data reduction (Factor analysis) and cluster analysis Data Analysis: Introduction to statistical software SPSS 21.0	
<b>Module IV : Field Project and Report Writing</b>	30
Pre-Writing considerations, Research report components, Common Problems encountered when preparing the Research Report. Presenting research report.	

## References

1. Cooper D R, Schindler P S and Sharma J K (2012) ; Business Research Methods, McGraw Hill Education
2. Bryman and Bell; Business Research Methods, Oxford University Press
3. Malhotra, Naresh (2007); Market Research, Prentice Hall of India
4. Churchill, Gilbert A, Lacobucci, Dawn (2008); Marketing Research: Methodological Foundations, South Western
5. Panneerselvam R(2006); Research Methodology, Prentice Hall of India Software:
  - Students can use SPSS 21.0 for analyzing the data for marketing research

## SEMESTER V

**Course Title: Computerized Accounting System**

**Course Code: ACCT321**

### **Course Objectives:**

- To impart conceptual and practical knowledge of Computerized Accounting that uses database system resources and also the software to store, maintain and process accounting data for providing various accounting reports.
- To help students to understand the computerization of accounting system and the use of the software Tally.

### **Pre-requisites:**

The student opting for this elective course should have depth knowledge of Financial Accounting & some basic computer knowledge including MS-Office. The student is expected to combine the learning across finance courses like financial accounting & management accounting.

<b>Module I Introduction to Computerized Accounting</b>	<b>20%</b>
<b>Descriptors/Topics</b> Meaning & basic concepts of Accounting, Manual Vs Computerized Accounting, Golden Rule, Accounting Equation etc. Concepts of Accounting groups, Hierarchy of accounts, Codification in accounting. Accounting package - Setting up an accounting entity, Creation of groups and accounts Designing and creating vouchers Data Entry operations using the vouchers.	
<b>Module II Accounts Configuration &amp; Classification</b>	<b>15%</b>
Features & Configuration options for company maintaining accounts, Planning about organization of Chart of Accounts, Group and Ledgers.	
<b>Module III Introduction to Tally</b>	<b>25%</b>
Introduction, Creation of Company, Introduction to Gateway of Tally, Menu, Company Info menu. Preparation & viewing of Trial Balance, P& L Account & Balance Sheet in Tally. SAP & ORACLE have been included for computerized accounting.	

<b>Module IV Account Masters and Vouchers</b>	<b>25%</b>
Working with Account Masters, viz, Group, Ledger, Cost Centre and Category, Currency, Entry of Accounts Vouchers with Examples of Billwise, Interest Computation, Printing of Vouchers, Creation and Alteration of Vouchers types and Vouchers Classes.	
<b>Module V Accounting information and SQL Income &amp; Tax Computation</b>	<b>15%</b>
Decomposing Accounting reports to appreciate information content Identifying accounting information and appropriate queries Forming and executing the SQL Generating Accounting information for a report	

#### Student Learning Outcomes:

- On the successful completion of this course the student will be able to understand and analyze the Accounts with the help of Computerized Accounting Software.
- A study of this paper will be helpful in taking different financial/managerial decisions after evaluating and reviewing the reports generated through computerized accounting software.
- This paper will also make student understand the importance & ways of keeping & maintaining the books of accounts in e-formats

#### Text Reading:

- Implementing Tally 6.3 by A.K. Nadhani, K. K. Nadhani, BPB Publications. Accounting by Tally (Illustrated) by L.B.Singh & V.P.Singh, Asian Publications. Computerised financial accounting using tally- Rajan Chougule.
- J.L. Boockholdt, *Accounting Information System: Transaction Processing and Control*, Irwin Mcraw-Hill. Hall, J.A., *Accounting Information System*, South-Western College Publishing.
- Gelinas, Ulric J., and Steve G. Sutton, *Accounting Information System*, South Western Thomson Learning. Rajaraman, V., *Introduction to Information Technology*, PHI.
- Bharihoka, Deepak, *Fundamentals of Information Technology*, Excel Book. Madan, Sushila, *Computer Applications*, Mayur Paperbacks, New Delhi.
- **Note: Software of MS Excel, MS Access and Tally may be used at appropriate places.**

**Course Title: Financial Reporting**

**Course Code: FIBA204**

**Course Objectives:**

- To gain understanding of all aspects related to financial reporting practices and applying accounting standards
- To familiarize with the developments in the area of financial reporting and to understand the theoretical framework in the preparation of financial statements of entities, including groups.
- To analyze and interpret the financial statements its performance and the significance of Audit in the field of financial Reporting.

**Pre-requisites:**The student must possess the knowledge of Financial Accounting to understand the area of Financial Reporting.

**Student Learning Outcomes:**

- Students who complete this program will be able to identify various concepts of Financial Reporting.
- By the end of the program students will able to describe the regulatory framework for financial reporting.
- Graduates of the program will ableto explain the financial statements.
- Students who complete this program will be able to outline the concept of Business Combinations.
- Graduates of the program will able to state about the Amalgamation Absorption and Reconstruction of Companies.
- Graduates of the program will able to state about the Concept of analysis of financial statements.



**Course Contents/Syllabus:**

	<b>Weightage (%)</b>
<b>Module I : Financial Reporting</b>	<b>20</b>
<b>Descriptors/Topics</b> Introduction to need a framework for financial reporting. Concepts of faithful representation in reporting, Comparability, verifiability, recognition and measurement. Guidance Notes on various accounting aspects issued by the ICAI and their applications.	
<b>Module II : A regulatory framework for financial reporting</b>	<b>20</b>
<b>Descriptors/Topics</b> Need for regulatory framework, Overview of International Accounting Standards (IAS) Development and Interpretation of International Financial Reporting Standards (IFRS).Legal requirements of not for profit , public sector and single entity.	
<b>Module III : Financial Statements</b>	<b>20</b>
<b>Descriptors/Topics</b> Cash flow statement: Components of cash flow statement, fixed assets, intangible assets, depreciation and impairment. Inventories, liabilities, taxation,Leases, Provisions, contingent liabilities, financial assets, financial liabilities and contingent assets. Regulatory requirementsfor the preparation of financial statements and its Reporting on financial performance.	
<b>Module IV: Business Combinations</b>	<b>20</b>
<b>Descriptors/Topics</b> Consolidated Financial Statements of Group Companies: Concept of a Group, purposes of consolidated financial statements, minority interest, Goodwill, Treatment of pre- acquisition and post-acquisition profit. Preparation and Interpretation of Consolidated financial statement including a single subsidiary and an associate.	
<b>Module V: Amalgamation Absorption and Reconstruction of Companies</b>	<b>10</b>

<p><b>Descriptors/Topics</b>  Determining purchase consideration. Numerical on accounting treatment of amalgamation, absorption, internal and external reconstruction. Understanding intercompany holdings.</p>	
<p><b>Module VI: Analyzing and interpreting financial statements</b></p>	<p><b>10</b></p>
<p><b>Descriptors/Topics</b>  Scope and limitation of financial statement, Calculation Analysis and interpretation of accounting ratios as per the requirements of stakeholders. Limitations of the technique of interpretation. Significance of Audit in enhancing the confidence in financial reporting.</p>	

**Text & References:**

- Cotter Derry, Advanced Financial Reporting-A complete guide to IFRS, rentice Hall
- Grewal, T.S.,Shukla, M.C.,Advanced Accountancy,18<sup>th</sup> Edition Sultan Chand & Sons
- CA Sharma D.G.,CA Sarda Pawan,Financial Reporting,2013 Edition Taxxmann
- Maheshwari,S.N.Advance Accountancy Volume –I 9<sup>th</sup> Edition Vikas Publishing House Pvt. Ltd.

**Course Title: Fundamentals of Financial Management**

**Course Code: FIBA201**

**Course Objectives:**

- The basic objective of the course is to equip the students with the understanding time value of money & use it for decision making.
- To evaluate projects and investments is the basic objective of the course.
- The course is designed so that the students are aware various sources of finance.
- The course also provides students with knowledge on management of working capital & capital budgeting.

**Pre-requisites:** Students of finance should be aware of the basics of finance & basic rules of mathematics and statistics. In this course will learn topics related to finance for decision making, capital budgeting, working capital management and cost of capital and leverage analysis

**Student Learning Outcomes:**

- Students who complete this course will be able understand the use of finance for decision making
- By the end of the course students will able to describe time value of money, how a project is made and appraised.
- Students of the course will able to differentiate between the various sources of finance and their pros & cons.
- Students who complete this course will be able to outline capital requirements for starting a business & management of working capital
- Students of the course will able to recommend whether and why an investment should be accepted or rejected

**Course Contents/Syllabus:**

	<b>Weightage (%)</b>
<b>Module 1: Introduction to Financial Management &amp; Tools for financial decision making</b>	<b>20</b>
<b>Descriptors/Topics</b> Evolution of Financial Management, Key activities of Finance Manager Changing Role of Finance Managers, Key Decision Areas in Financial Management, Objectives of the firm. Meaning, importance and role of Indian Financial System. A framework for Financial Decision Making - Financial Statement Analysis: Interpretation & Analysis of fund flow statement, cash flow statement, financial ratio, common size statement, Comparative statement, trend analysis, time series.	

Concept of Time value of Money, Process of Compounding and Discounting, Future Value of a Single amount, Future Value of an Annuity, Present Value of a Single Amount, Present Value of an Annuity.	
<b>Module 2: Analysis and Techniques of Capital budgeting</b>	<b>20</b>
<b>Descriptors/Topics</b> Basics of Capital Budgeting, Types of capital budgeting decisions, Preparation of capital budgeting proposal, estimating cash flows for project appraisal, Green capital budgeting. Non-discounted Cash Flow Techniques: Payback Period, ARR, Discounted Cash Flow Techniques: NPV, IRR, Modified IRR, PI and Capital Rationing.	
<b>Module 3: Sources of Finance</b>	<b>16</b>
<b>Descriptors/Topics</b> Sources of finance – Debt: Term Loans, Debentures. Equity: Ordinary Shares. Hybrid: Preference, Warrants, Convertible securities, ADRs, GDRs. An introduction to: leasing, Hire purchase, Leverage Buyouts and securitization. An Overview of Sources of short term finance: Accruals, Trade credit, Working capital advance by commercial banks, Public Deposits, Inter-corporate deposits, Short term loan from financial institutions, Commercial	
<b>Module 4: Working Capital Management</b>	<b>22</b>
<b>Descriptors/Topics</b> Factors influencing working capital requirement, estimating working capital requirement (numerical), Operating cycle analysis, Negative Working Capital. An introduction to inventory management. Objectives of Inventory management, EOQ Model (with numerical). Receivables management: An Introduction. Management of cash: Cash Planning, Managing the cash flows, Determining Optimum Cash Level (Baumol Model with numerical), Investing	
<b>Module 5: Cost of Capital and Leverage Analysis</b>	<b>22</b>
<b>Descriptors/Topics</b> Concept, significance, assumptions, factor affecting cost of capital. Computation of cost of capital of various sources: Equity, Debt, Reserve & Surplus and Preference shares (floatation cost and its adjustments). Weighted average cost of capital. Book value weights v/s market value weights. EBIT-EPS analysis, Leverage Analysis: Operating Leverage, Financial Leverage & Combined Leverage.	

### **Text & References:**

#### **Text:**

Pandey, I. M. Ninth Edition, Financial Management, Vikas Publishing House Pvt. Ltd.

#### **References:**

Brearly R.A. and Myers, S.C. Eighth Edition Principles of Corporate Finance,  
Tata Mc-Graw Hill Chandra, P. Fundamentals of Financial Management,  
Sixth Edition, Tata McGraw Hill.  
Horne. V. Tenth Edition, Financial Management and Policy, Prentice Hall of India

**Course Title: Indian Economy**

**Course Code: ECON201**

**Course Objectives:**

To provide the basic knowledge of the Structure and the Current developments in the Indian Economy

**Pre-requisites: Nil**

**Student Learning Outcomes:**

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

- Have requisite **understanding** of the basic problems faced by the emerging economies.
- Students will **comprehensively** understand, interpret, compare & contrast, various issues related to poverty and unemployment.
- **Analyze** the conditions of Indian Economy: its structure and demographics, condition of Agricultural and Industrial sectors

**Interpret and justify** Planning in India, Planning agricultural production and productivity growth rate of the economy, fiscal deficit

**Course Contents/Syllabus:**

	<b>Weightage (%)</b>
<b>Module I : Underdeveloped country and Population Problems</b>	<b>15</b>
Underdeveloped Economy: Meaning of Underdeveloped Economy - Basic characteristics of Underdeveloped countries, India as an Underdeveloped country. Population problems: Its Causes and effects on Economy - Trends of population Importance of population control.	
<b>Module II : Poverty and Unemployment</b>	<b>15</b>

Poverty: Relative and Absolute poverty Indicators of poverty-its causes and measure of remove it. Unemployment: Nature of Unemployment in India, its. Causes and effects, Unemployment policy.	
<b>Module III : Structure of the Indian Economy</b>	<b>15</b>
Basic features; Natural resources - Land, Water and Forest resources; Broad demographic features - population size and growth rates, sex composition, rural-Urban migration occupational distribution; problem of overpopulation policy; infrastructure development; National income.	
<b>Module IV : Planning in India</b>	<b>15</b>
Objectives; Strategy; Broad achievements and failures; current Five year plan objectives, allocation and targets; New economic reforms - Liberalization, privatization and globalization; Rationale behind	
<b>Module V : Agriculture</b>	<b>15</b>
Nature and importance; Trends in agricultural production and productivity; Factors determining productivity; Land Reforms; New agricultural strategy and green revolution; Rural credit, Agricultural marketing.	
<b>Module VI : Industry</b>	<b>15</b>
Industrial development during the planning period; industrial policy of 1948, 1956, 1977, and 1991; industrial licensing policy - MRTP Act, FERA and FEMA; Growth and problems of small scale	
<b>Module VII : External sector</b>	<b>10</b>
Role of foreign trade; Trends in exports and imports; composition and direction of India's foreign trade; Balance of payments crisis and the new economic reforms - Export promotion measures and then new trade	

#### Text Reading:

- Datt, R. and K.P.M. Sundharam, Indian Economy, S. Chand & Company Ltd., New Delhi.
- Dhingra, I.C, The Indian economy: Environment and Policy, Sultan Chand & Sons, New Delhi.
- Misra, S.K. and V.K. Puri, Indian Economy - Its Development Experience, Himalaya Publishing House, Mumbai.

#### References:

- Dutt, R.C, The Economic History of India Under Early British Rule, Low Prince Publications, Delhi.

**Course Title: Introduction to Econometrics**

Course Code: ECON323

#	Course Title	Weightage (%)
1	<b>Course Objectives:</b> Data analysis is one of the main concerns of the applied statistician. In this course we overview several techniques of statistical modeling, and discuss real life problems where you will be challenged to use these tools to learn from the data. This course is problem- driven, and hence you are responsible for understanding what are appropriate models to analyze the data, and to implement these computationally; reproducibility of the analysis, and effective and rigorous communication of your analyses are another main concerns of the course.	
2	<b>Prerequisites:</b> NIL	
3	<b>Student Learning Outcomes:</b> <ul style="list-style-type: none"><li>• The students will able to apply the basic concepts of economics for interpreting the results of the given data.</li><li>• The students will able to acquire knowledge on Market Equilibrium.</li></ul>	
<b>Course Contents / Syllabus:</b>		
4	<b>Module I:</b>	<b>20% Weightage</b>
	Introduction to econometric: definition concept and terminology, General Linear Model: assumptions, least-squares estimation. BLUE, analysis of variance, tests of significance, confidence intervals for the parameters, Prediction, Estimation under linear restrictions.	
5	<b>Module II:</b>	<b>20% Weightage</b>

	Introduction, illustrative example, detection of Heteroscedastic, Heteroscedastic disturbances, consequences of Heteroscedastic efficiency of Aitken estimator with OLS estimator under heteroscedasticity. Solution to the Heteroscedastic problem, testing the linear versus log-linear functional form: the box-CoX test, BM test and PE test, Copliment and problems.	
<b>6</b>	<b>Module III:</b>	<b>30% Weightage</b>
	Autocorrelation: concept, consequences of autocorrelated disturbances, detection of autocorrelation, their estimation and testing, estimation using Durbin-Watson statistic. Forecasting: exponential smoothing for linear trend model. ARCH Model and serial correlation.	
<b>7</b>	<b>Module IV:</b>	<b>30% Weightage</b>
	Multicollinearity: Induction, measure of multicollinearity, Problems with measuring multicollinearity, concept, detection of multicollinearity, consequences and solutions to multicollinearity: Ridge regression, Principle component regression. Generalized least squares estimation, Aitken estimators.	

**Text and References:**

- Draper, N.R. and Smith, H. (1998): Applied Regression Analysis, 3rd Edn. John Wiley and Sons.
- Gujarati, D.N. (2006): Essentials of Econometrics, 3rd Edn., McGraw-Hill.
- Maddala G. S. (2005): Introduction to econometrics. Wiley and Sons.
- Koutsoyiannis, A. (1993): Theory of econometrics. ELBS.



## SEMESTER VI

**Course Title: CORPORATE TAX PLANNING**

**Course Code: ACCT502**

### **Course Objectives:**

- This course is designed to make the students aware of the corporate tax laws of India.
- Understanding the corporate tax laws and use it for tax planning is the basic objective of the course.
- The course is designed so that the students are aware of what business income is and when it gets taxed.
- The course also provides students with knowledge the difference between tax avoidance and tax planning.

**Pre-requisites:** Students should be aware of the role of taxation in determining the cost of capital. This course will be a step above Personal Financial Planning where they will learn tax laws for personal income. The main objective of the course is to give an understanding of income tax laws in India and be able to do tax planning.

### **Student Learning Outcomes:**

- Students who complete this course will be able identify the difference between tax evasion and tax planning.
- By the end of the course students will able to describe how the provisions in the corporate tax laws can be used for tax planning.
- Students of the course will able to explain different types of incomes and their taxability and expenses and their deductibility.
- Students who complete this course will be able to outline the corporate tax laws.
- Students of the course will able to state the use of deductions of expenses to reduce the taxable income.

### **Course Contents/Syllabus:**

	<b>Weightage (%)</b>
<b>Module 1: Introduction to Tax Management</b>	<b>20</b>
<b>Descriptors/Topics</b> Concept of tax planning, Tax avoidance and tax evasions, corporate taxation and concept of Minimum Alternate Tax. (MAT)	

<b>Module 2: Income from business</b>	<b>20</b>
<b>Descriptors/Topics</b> Residential Status of companies, Taxable income under Business and Profession, Computation of Profit and Gains from business profession, Deemed business profits, Assessment of Retail Business, Deemed incomes (cash credit, unexplained investments, unexplained money and other assets, unexplained expenditures, investments and valuable articles not fully disclosed in books of accounts).	
<b>Module 3: Deductions allowed under business and profession</b>	<b>20</b>
<b>Descriptors/Topics</b> Deduction expressly allowed section 30-35, Depreciation deduction calculation, Setoff and carry forward of unabsorbed depreciation section 32(2). Determining Actual Cost43(1), Set-off and Carry Forward Losses, Bonus or commission to employees section, Interest on borrowed capital, Insurance premium 36(1(i)), Employees contribution to provident fund, Bad debts 36, Revenue expenditure incurred by statutory corporation, Banking transaction tax, Security transaction tax, Commodity transaction tax, provision for admissibility of general deduction 37(1),	
<b>Module 4: International accounting and Taxation</b>	<b>20</b>
<b>Descriptors/Topics</b> Analysis of foreign financial statement, Accounting standard: US GAAP, Indian GAAP, IAS, IFRS. Transfer Pricing – Meaning, measurement, strategic considerations Norms & Practices, tax havens, double taxation agreement among countries, Tax implication of activities of foreign enterprise in India: Mode of entry and taxation respectively.	
<b>Module 5: Indirect tax - concepts and general principles</b>	<b>20</b>
<b>Descriptors/Topics</b> Service tax - Charge of service tax and taxable services, Valuation of taxable services, Payment of service tax and filing of returns.VAT – Introduction, Calculation of VAT Liability including input Tax Credits, Small Dealers and Composition Scheme, VAT Procedures, Central Sales Tax.	
<b>Module 6: Tax Planning and Financial Management Decisions</b>	
<b>Descriptors/Topics</b> Tax planning relating to capital structure decision, Dividend policy and dividend distribution tax, Inter – corporate, dividends and bonus shares, Tax provisions relating to free trade zones, Infrastructure sector and backward areas, Tax incentives for exports. Tax deductions and collection at source, Advance payment of tax.	

**Text & References:**

**Text:**

- Students Guide To Income Tax, 48th edition, Taxman Publication.

**References:**

- Lal &Vashisht, Direct Taxes, 29th Edition, Tata McGraw Hill.

**Course Title: Ethics and Corporate Governance**

**Course Code:** MGMT304

**Course Objectives:**

The objective of the course is to help the students understand the nature of business ethics and issues in corporate governance.

**Pre-requisites:** NIL

**Course Contents/Syllabus:**

	Weightage (%)
<b>Module I :</b> <b>Introduction</b>	20%
Descriptors/Topics  Introduction to Business Ethics, ethics, Morals and values, Concepts of Utilitarianism and Universalism- Theory of rights, Theory of justice- Virtue ethics- ethics of care- Law and Ethics- the Nature of Ethics in Management- Business Standards and Values- Value Orientation of the firm.	
<b>Module II:</b> <b>Issues and Complexities in Business Ethics</b>	20%
Descriptors/Topics  Environmental Pollution & Society- marketing Ethics (in Products, Pricing, Promotion and Place) and Consumer protection- Ethics in Human Resources Management (Recruitment and promotion policies, Working Conditions, Down Sizing Workforce). Conflicts in decision making from ethical and economic point of view- Ethical Dilemma- Solving ethical dilemma, Managerial integrity and decision making.	
<b>Module III</b> <b>Corporate Governance</b>	20%

<p>Descriptors/Topics</p> <p>Introduction to Corporate Governance, Features and Importance of Corporate Governance, Theories and Models of Corporate Governance, ownership pattern- Issues in Managing public limited firms- Agency problems.</p>	
<p><b>Module IV</b> <b>Internal and External Corporate Governance Mechanism</b></p>	20%
<p>Descriptors/Topics</p> <p>Board of Directors- Functional Committees of Board; Code of Conduct, whistle blowers. Regulators, Gate keepers, Institutional Investors, Corporate raiders.</p>	
<p><b>Module V Recent Trends in Corporate Governance</b></p>	20%
<p>Descriptors/Topics</p> <p>Board Quality &amp; Composition, Executive Compensation, Environmental, Social, &amp; Governance Risk, Cyber security, Kotak Committee recommendations 2018 &amp; Corporate Governance in India.</p>	

**Student Learning Outcomes:**

By the end of this course, students will be able to

- Understand nature and importance of Ethics
- in Business Realize the principles and
- complexities of Business Ethics
- Familiarize themselves to mechanism of corporate of governance
- Understand Recent trends in Corporate Governance

**Text Reading:**

- S.K. Bhatia - Business Ethics and Managerial Values (Deep & Deep Publications Pvt.Ltd, 2000)
- Mathur UC – Corporate Governance & Business Ethics (Mc Millan).
- Human Values By : Prof. A.N. Tripathi New Age International
- Values and Ethics for Organizations, Chakraborty, OUP/OIP

**References:**

- Velasquez – Business Ethics – Concepts and Cases (Prentice Hall, 6th Ed.)
- Reed Darryl – Corporate Governance, Economic Reforms & Development (Oxford).
- Laura P Hartman Abha Chatterjee - Business Ethics (Tata McGraw Hill, 2007)
- Corporate Governance2/e, MacMallin, OUP

**Course Title: International Financial Management-UG**

**Course Code: FIBA322**

**Course Objectives:** The objective of this course is to

- Introduce the environment of international finance and its implications on international business.
- Analyze the nature and functioning of foreign exchange markets, determination of exchange rates and their forecasting

**Pre-requisites:** The prerequisite of this course is the basic knowledge of Macro Economics & Financial System.

**Student Learning Outcomes:** On the successful completion of this module the student will be able to:

- Understand foreign exchange markets, international financial markets and their functions & needs.
- Understand foreign exchange arithmetic

**Course Contents/Syllabus:**

	<b>Weightage (%)</b>
<b>Module I : Fundamentals of International Finance</b>	<b>15%</b>
<b>Descriptors/Topics</b> Meaning and Scope of International Finance; Balance of payments as determinant of demand for and supply of currency exchange rate, Determinants of/factors affecting exchange rates; Current account deficit v/s Balance of trade and their implications on exchange rate; Currency basket, Currency convertibility –on capital account and current account, Foreign exchange reserve, Sovereign rating FDI, FII and FDI in Retail brief overview of various currency crisis occurred in the past.	
<b>Module II: Foreign Exchange Arithmetic</b>	<b>25%</b>
<b>Descriptors/Topics</b> Exchange rate quotations, Direct and Indirect rates, cross currency rates, vehicle currency. % spread, calculation of cross rates; Classification of rates in terms of settlement (cash, tom, spot and forward), Arbitrage, Speculation and Trading (Spot rate arbitrage calculation) ; Calculation of forward rates ; annualized forward margin, calculation of swap points (calculations for cash / tom rates to be excluded)	
<b>Module III : Foreign Exchange Rate Determination</b>	<b>20%</b>
<b>Descriptors/Topics</b> Relationship between exchange rates, interest rates, and commodity prices (through international parity conditions namely Purchasing Power Parity, and Fisher Effect); Use of Covered Interest Parity theory in arbitrage, borrowing and investment decisions	
<b>Module IV : International Foreign Exchange Markets</b>	<b>30%</b>

<p><b>Descriptors/Topics</b>  <b>Euro Currency Market:</b> Origin and reasons for the growth of Euro currency (off shore) market, their characteristics and components; a brief understanding of the Euro-currency deposit, loans, bonds and notes market; Concept of off shore banking as a form of globalization of the Euro currency concept, its introduction in India, tax havens  <b>International Equity Markets:</b> Concept of Depository Receipt, Global Depository Receipt-characteristics, mechanism of issue, participants involved; American Depository Receipt – types and characteristics; Foreign Currency Convertible Bonds and Foreign Currency Exchangeable Bonds Foreign Direct Investment and Foreign Portfolio Investment; Participatory notes  <b>Derivatives Market and Risk Management</b>  Risk versus exposure; Transaction, Translation and Economic risks faced by Corporate entities in transaction, Internal and external hedging; Foreign currency derivatives as instruments of risk management i.e. Forward contracts, Swaps, Futures and Options; Overview of Non- deliverable forward Market (NDF market).</p>	
<p><b>Module V: Foreign Exchange Management in India</b></p>	<p><b>10%</b></p>
<p><b>Descriptors/Topics</b>  Retail and wholesale components of the Indian foreign exchange market; Capital account Convertibility; Reserve Management; Role of FEDAI in the Indian foreign exchange market</p>	

**Text & References:**

- Levi, Maurice, International Finance, New York, McGraw Hill Inc., 1996.
- Eiteman, David K., Arthur Stonehill and Michael H. Moffett , Multinational BusinessFinance, Reading mass., Addison – Wesley Publishing company,1998.
- Shapiro, Allen C., Multinational Financial Management, New Delhi, Prentice Hall India Pvt. Ltd., 1995. Apte P.G., Multinational Financial Management, New Delhi, Tata McGraw Hill,1998.
- Seth A.K., International Financial Management, New Delhi, Galgotia Publishing Company, 2000.
- Errunza, V. R., Singh, D. and Srinivasan, T.S. 1994, International Business Finance, Global Business Press.
- Seth, A.K. 2000, International Financial Management, Galgotia Publishing Company.
- Hull, J. C. 1999, Introduction to Futures and Options Markets, Prentice Hall of India.
- Kolb, R. W. 1997, Understanding Futures Markets, Prentice Hall of India.
- Rebonato, R. 1996, Interest Rate Option Models: Understanding, Analysing and Using Models for Exotic Interest Rate Options, John Wiley and Sons.
- Kohn, M.1998. Financial Institutions and Markets, Tata McGraw Hill Publishing

**Any other Study Material:**

- Articles from Journal of Finance
- Articles from International Journal -Finance India
- Business newspapers
- Yahoo finance (<http://finance.yahoo.com/>)
- Investopedia ([www.investopedia.com](http://www.investopedia.com))

**Course Title: INVESTMENT ANALYSIS AND PORTFOLIO MANAGEMENT**

**Course Code: FIBA306**

**Course Objectives:**

- This course is designed to make the students aware of the investment planning, portfolio designing and risk management in investments
- Understanding risk management is the basic objective of the course.
- The course is designed so that the students are aware of the modus of operandi of stock exchanges in India.
- The course also provides students with knowledge on different theories developed for valuation of securities and designing of portfolios.

**Pre-requisites:** Students of finance should be aware statistical tools and basics of mathematics. This course is a step above Financial Management where they will learn advanced topics related to sources of capitals their pros and cons and factors affecting the risk of business. It also requires knowledge of basic requirement of risk associated with different sources of capital.

**Student Learning Outcomes:**

- Students who complete this course will be able identify the factors affecting the risk in an investment.
- By the end of the course students will able to describe basics of forming a portfolio managing the risk.
- Students of the course will able to explain the modus of operandi of stock exchanges in India.
- Students who complete this course will be able to outline various models of portfolio management and their applicability.
- Students of the course will able to state about the fundamentals of Investments.

**Course Contents/Syllabus:**

	<b>Weightage (%)</b>
<b>Module 1: Introduction to Investments &amp; The Market for securities</b>	<b>20</b>
<b>Descriptors/Topics</b> Investments and Speculation, avenues for Investment, objectives, constraints and policies, alternatives, attributes of an investible instrument. Process of Investment Decision Making, Risks involved in	

Investments including the concept of beta, Principle of Dominance. Classification of financial markets, Comparative study of Stock Market of India and abroad, Study of market indexes of India.	
<b>Module 2: Valuation of Securities</b>	<b>20</b>
<b>Descriptors/Topics</b> Bond pricing & Valuation, concept and types of valuation, valuation of deep discount bonds and floating rate bonds, current yield, weighted yield, yield to maturity and yield to call of bonds, Preference share Valuation and Analysis both redeemable and irredeemable, Equity Share Valuation	
<b>Module 3: Security Analysis</b>	<b>20</b>
<b>Descriptors/Topics</b> Fundamental Security Analysis- EIC approach, DU Pont Analysis, Economic Value Added (EVA). Technical Security Analysis- Charting- the basic tool of technical analysis, Dow Theory, Elliot Wave Theory, Price and volume charts, Pattern analysis.	
<b>Module 4: Portfolio Analysis and Management</b>	<b>25</b>
<b>Descriptors/Topics</b> Portfolio Analysis: Risk and Return, Measurement of risk (Numerical), Portfolio management, Return and risk in context of portfolio, two security portfolio, calculation of correlation coefficient and risk of a portfolio. Markowitz: Portfolio Selection Model, Capital Asset Pricing Model, Arbitrage pricing theory (APT).	
<b>Module 5: Market Efficiency and Portfolio Evaluation</b>	<b>15</b>
<b>Descriptors/Topics</b> Market efficiency theories (weak, semi strong, strong). Sharpe's Single Index Model and Portfolio Evaluation Treynor, Sharpe and Jensen.	

### **Text & References:**

#### **Text:**

- Rustagi, R. P. Investment Analysis And Portfolio Management, S. Chand & Sons

#### **References:**

- Sharpe, William F. Alexander and Bailey, Investments, Sixth Edition Prentice
- - Hall, India Bhalla, V. K. Investment Management, S. Chand & Co.
- Fisher, Donald E & Jordan, Ronald., Securities Analysis & Portfolio Management:, Sixth Edition, Prentice Hall
- Haugen, Robert. Modern Investment Theory, Fifth Edition, Prentice Hall