

COURSE OUTCOMES :

ACCOUNTANCY

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SEM I	
PAPER 1	Accountancy and Financial Management-I
CO1	The learner would be able to implement basic accounting standards, maintaining accounting records and to find out the correct value of inventory by using various methods of stock valuation.
CO2	The learner would classify the nature of transaction between capital and revenue and able to prepare final accounts of manufacturing concern
CO3	The learner would be able to find out the profitability of each department and understand the concept of inter departmental transfer at various price.
CO4	The learners would learn a concept of special transactions in account namely “Hire Purchase Transaction” and understand the accounting treatment for hire purchase from the view point of hire purchaser and hire vendor.
SEM - II	
PAPER 2	Accountancy and Financial Management-II
CO1	The learner would be able to prepare final account of Proprietary Trading Concern which does not maintain complete and proper record of all accounting transactions.
CO2	The learner would be able to understand the concept, accounting treatment of consignment transaction and find out commission of consignee and Profit or Loss to consignor.
CO3	The learner would be able to find out profit or loss of dependent branch and learn different methods of accounting such as Debtors method and Stock and Debtors method.

CO4	The learner would compute loss of stock by fire and ascertain the amount of claim as per the insurance policy.
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COURSE OUTCOMES

BUSINESS ECONOMICS

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SEM-I	
PAPER I	Course Title: BUSINESS ECONOMICS - I
	On completion of this course the students will be able to:
CO1	Understand scope and importance of business economics such as basic- tools, basic economic relation and concepts of revenue.
CO2	Understand to analyze demand function, demand estimation and demand forecasting.
CO3	Understand supply and production function such as Short run and long run production function.
CO4	Understand cost production and extensions of cost analysis such as accounting cost, economic cost, Cost reduction through experience and break-even analysis.
SEM-II	
PAPER I	Course Title: BUSINESS ECONOMICS- II
CO1	The learner will be able to analyze product pricing under a competitive market and monopoly.
CO2	The learner will be able to examine pricing and output decisions under imperfect competition.
CO3	The learner will be able to understand pricing methods used in the business world.
CO4	The learner will be able to interpret various methods of evaluating capital projects.

COURSE OUTCOMES

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COMMERCE – I	
SEM-I	
PAPER 1 Course Code:	
	The Learner would be able to
CO1	Understand the impact of Liberalisation, Privatisation and Globalisation on Indian Economy.
CO2	Analyse the concept of business environment and International current trends in the world.
CO3	Examine project planning, Feasibility Studies, Project Reports, Statutory requirements of documents legal provisions, etc.
CO4	Apply their skills and knowledge as entrepreneurs, managers, innovators find opportunities and professionalism and assuming the risks and rewards also competencies, communication skills in the world of business.
SEM-II	
CO1	Understand the importance of service sector in the economic growth of nation through it's scope and marketing mix for services also its physical evidence and process of service delivery.
CO2	Evaluate the nature of marketing research and service development cycle and also find out demand capacity, strategies, opportunities and challenges in the service sector in India and Abroad.
CO3	Understand the concept of organized and unorganized retailing in India, also recent trends in retailing, their survival strategies retail store formats retail scenario in global context as well as FDI in retailing.
CO4	Examine the recent trends in service sector, understand what is outsourcing enterprise resource planning, FDI in banking and insurance sector in India and the importance of logistics and its challenges in India

COURSE OUTCOMES

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ENVIRONMENTAL STUDIES	
SEM I	
CO1	Learner will learn to create an environmental awareness among commerce students.
CO2	Learner will understand importance of environment and man- environment relationship.
CO3	Learner will understand different ecosystems, functions and structures.
CO4	Learner will understand types and classification of natural resources and sustainable development and problems associated with management of resources
CO5	Learner will know Population explosion problems and measures and human develop index.
CO6	Learner will analyze Urbanization and environmental problems and emergence of smart cities and safe cities.
CO7	Learner will learn to read thematic maps and will be able to fill the map using point, line and polygon segments
SEM II	
CO1	The Learner will be aware of the classification of solid wastes and its sources and will learn solid waste management.
CO2	Learner will learn environmental problems associate with agriculture and industrial development, and also sustainable practices to overcome the same.
CO3	Learner will learn types, nature, scope and importance of tourism and its potential to develop in India and its positive and negative impacts.
CO4	Learner will learn to create and insight into various environmental issues at various levels and environmental movements towards making environment sustainable.
CO5	Learner will be able to fill environmentally significant features in maps of Mumbai and Konkan.

Sr no	CLASS : FYBCOM SUB: BUSINESS COMMUNICATION- SEM: I Course code : nil
	COURSE OUTOCME
CO1	Learner has understood the basics of communication in an effective way
CO2	Learner is equipped with innovative ways of communication in the 21 st century world of technology.
CO3	Learner is equipped for effective communication at the work place, due to exposure given to them of various methods and platforms of communication.
CO4	Learner understand the value of ethics as an integral part of every business organization
CO5	Learner is capable of erasing physical, physiological and psychological barriers to communicate effectively
CO6	Learner is capable of recognizing the art of active listening in everyday communication
CO7	Learner is trained in the format of writing business letters (Statement of Purpose, Letter of Recommendation, Letter of Acceptance of Job offer, Letter of Resignation and Letter of Appreciation) which is integral part of effective communication in most organizations.
CO9	The commercial terms used in Business Communication, helps the learner to enhance his communication skills .
CO10	An exposure in writing skills enables the learner to write in a clear, concise, persuasive and descriptive manner
	SEMESTER II
CO1	Lessons on interview techniques help the learner to cultivate 21 st century skills of effectively presenting himself for interviews
CO2	Process of organizing meetings, conferences, exposes the learner to leadership skills with effective communication
CO4	Training in handling Public Relations in an effective way, helps the learner to manage company's public reputation which helps to gain the trust of stake holders .

C05	Learner is equipped with letter writing skills in the industry to address grave matters, complaints, RTI etc .
C06	Learner is trained in the skill of writing reports and business proposals which makes him market ready to undertake a business adventure .
C07	Exposure to the Business writing skills, exclusively paraphrasing long passages in a precise and logical manner helps the learner to advance his business communication ability
C08	Learner is trained in recognizing the significance of group discussion and generation of ideas among students
C09	Learner is in a position to understand the significance of modern methods of conferences like Web conference, Skype & Webinar

COURSE OUTCOMES

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MATHEMATICAL AND STATISTICAL TECHNIQUES	
SEM - I	
CO1	Students will understand the characteristics of different financial assets such as shares and mutual funds and how to buy and sell these assets in financial markets.
CO2	Be able to enumerate the number of arrangements(permutations(combinations) that can be performed from a given number of objects , convert real life problems into mathematical form and get the optimum solution using linear programming
CO3	Develop an understanding of the various averages and measures of dispersion to describe statistical data
CO4	Learn to predict the occurrence or non-occurrence of an event or more than one event in real life applications, Calculate the expected value of a random variable.
CO5	Learn to making best decision using actions based on various states of nature
SEM – II	
CO1	How to convert real life problem into mathematical form using functions, derivatives of functions and its applications in economics
CO2	Learn the effects of interest on saving and loans, learn to calculate simple interest, compound interest, present and future value of an annuity and equated monthly instalments.
CO3	Learn to measure the existence, direction and degree of the relationship between two linear related variablesgraphically and a linear model(equation of a line) that can be developed to predict a value for one variable given a value of the other variable.
CO4	Learn to use statistical techniques to analyze the trends and tendencies through time and their use in forecasting using linear models, explain the construction and application of index numbers to real life situations
CO5	Identify random variable(s) of interest in different real life situations and compute probabilities for different standard discrete and continuous probability distributions

COURSE OUTCOMES

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FOUNDATION COURSE	
SEM-I	
CO1	The learner would be able to understand the rich cultural diversity of Indian society.
CO2	The learner would understand the concept of disparity, become gender sensitive and develop compassion and empathy towards differently abled citizens
CO3	The learner will be able to point out the nature of intergroup conflicts and the ways to resolve them.
	The learner would develop scientific temperament and inculcate values of tolerance, peace and communal harmony to strengthen social fabric of Indian society.
SEM-II	
CO1	It makes them aware of economic concept like liberalization, privatization, globalization and impact of globalization on various sectors of Indian economy. It also covers impact of information and communication (ICT) on everyday life.
CO2	The concept of origin and evolution of Human Rights along with Universal Declaration of Human Rights is absorbed by learner. There is special mention for Fundamental Rights stated by Indian Constitution. This will help them to be a good and responsible citizen of the country.
CO3	It sensitizes Learners towards environment and its degradation. It also emphasizes on Sustainable Development. This will help learner to preserve environment for present and future needs.
CO4	It puts forth before learner various aspects of individual development such as agents of socialization, significance of values, ethics and prejudices etc. Also, helping them to understand reasons of stress and techniques of stress management. This will help them in overall personality development.
CO5	Learners can recognize the different conflict of motives and its resolution. It also helps them to acknowledge the various stages of self-actualization.

COURSE OUTCOMES

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Accountancy	
PAPER 3	Accountancy and Financial Management-III
SEM - III	
CO1	The learner would be able to differentiate the concept of admission, retirement and death of a partner and prepare partnership final accounts.
CO2	The learner would be able to understand the concept of piecemeal distribution, settlement of liabilities and different method of distribution i.e. Proportionate Capital and Excess Capital Method.
CO3	The learner would be able to calculate Purchase Consideration in case of amalgamation of firms.
CO4	The learner would be able to understand the concept of conversion of partnership firm into Ltd companies.
SEM - III	
PAPER 5 Financial Accounting and Auditing-V (Management Accounting)	
CO1	The learner would understand the concept, function and Scope of Management Accounting Apply it in facilitating decision making.
CO2	The learner would be able to study and prepare financial statement in vertical form suitable for analysis and to analyze financial statement using different tools of analysis.
CO3	The learner would be able to analyze financial statement by using various ratios and interpret the results of the ratios.

CO4	The learner would be to understand the concept and types of working capital and to determine the required amount of working capital.
CO5	The learner would able to formulate the estimated period of completion and Profitability of long term investment and equip with various techniques of capital budgeting decisions.
SEM - IV	
PAPER 4 Accountancy and Financial Management-IV	
CO1	The learner would be able to revise different terminology used in Companies Account regarding Shares and Debenture.
CO2	The learner would be able to understand the procedure regarding redemption of preference shares and Preparation of Companies Balance sheet as per Companies Act 2013.
CO3	The learner would be able to apply the provisions and different methods of redemption of debentures
CO4	The learner would be able to understand the concept and principles for ascertainment of Profit Prior to Incorporation and preparation of Income Statement.
SEM - IV	
PAPER 6 Financial Accounting and Auditing-VI (Auditing)	
CO1	The learner would be able to understand the basic terms and concepts of Audit and to differentiate between Accounting and Auditing, Auditing and Investigation.
CO2	The learner would be able to plan an audit taking into account concepts of evidence, risk and materiality.
CO3	The learner would be able to apply auditing techniques like audit sampling, test check, materiality as well as understand the basic

	concepts related to internal audit.
CO4	The learner would be able to vouch various transactions of income and expenses and verify Balance Sheet items.

COURSE OUTCOMES

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BUSINESS ECONOMICS	
SEM-III	
BUSINESS ECONOMICS – III	
CO1	This course is an introduction to the basic analytical tools of macroeconomics to evaluate macroeconomic conditions such as inflation, unemployment and growth.
CO2	It is designed to make the system of overall economy understandable and relevant. The aim is to provide a clear explanation of many aspects of aggregate economic variables to inspire a consistent way of thinking about key macroeconomic phenomena.
CO3	It intends to familiarize the commerce students with basic concepts of macroeconomics and with certain common features of economic occurrence in the real world.
SEM-IV	
BUSINESS ECONOMICS – IV	
After completion of this course, following will be gained by Learner:	
CO1	It helps to familiarize learners with the fundamental concepts and issues of Public Finance. And about the role of government in an economy.
CO2	An understanding of government finance i.e. sources, shifting of tax burden, effects of taxation etc is essential to a learner of economics as it forms the grounding of analysing public policies.
CO3	It makes learner aware of impact of public policies on social and economic lives of people. Also, about significance of Public Expenditure and Public Debt in economy.
CO4	It inculcates an interest in Public Finance and Fiscal Policy at the same time. It stimulates learner to get involved in debates and discussions on these issues.

COURSE OUTCOMES

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BUSINESS LAW	
SEM - III	
BUSINESS LAW – I	
	Learner would be to
CO1	understand the essential legal rules of Contract Act.
CO2	understand the concept of performance, discharge and remedies of breach of contract.
CO3	understand various types of special contract and the rights and duties of the parties.
CO4	understand all conditions and warranties of Sale of Goods Act
CO5	apply Negotiable Instrument Act in practical life.
SEM IV	
BUSINESS LAW – II	
CO1	understand the methodology of formation of company, its registration and functioning of the company.
CO2	understand all provisions governing various types of meetings.
CO3	apply the way of formation, dissolution of partnership in real life.
CO4	understand the procedure for registration of Intellectual property Right and protect it from infringement of their rights.
CO5	apply the rights of consumer and various provision of Competition of Act 2002 in practical life

COURSE OUTCOMES

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COMMERCE	
SEM-III	
COMMERCE II	
CO1	Understand the concept, nature, functions managerial skills and competencies in the field of management as also the evolutionary and modern management approach in the 21 st century in India
CO2	Analyse the importance of coordination, MBO, MBE, MIS and also the techniques of decision making in the field of management.
CO3	Evaluate organization as a structure and process, the bases of departmentation, span of management and delegation of authority in the organization in India.
CO4	Apply his skills and knowledge through direction and controlling motivation, communication and leadership qualities in the organization or the company in India.
	SEM-IV
COMMERCE III	
CO1	The learner would be able to examine production planning and inventory management in the production management area through control and production systems etc.
CO2	The learner would be able to examine the quality management through dimensions of quality and cost of quality, quality circle also the total quality management and I.S.O 9000 certification procedure etc.
CO3	The learner would be able to Interpret the Indian Financial system through Indian Financial Market and it's structure. Also functions, protection measures of SEBI to the investors in India.
CO4	The learner would be able to evaluate recent trends in financial markets like Mutual Funds, commodity and Derivatives Markets also start up ventures and their sources of funding etc.

COURSE OUTCOMES

SYBCOM

ADVERTISING	
SEM - III	
ADVERTISING – I	
	The learner would be able to
CO1	understand Integrated marketing communication through advertising and its Media, Geographic Area, Audience etc. Also objectives of advertising like create awareness, positive attitude, brand image, brand loyalty, corporate image, facing competition etc.
CO2	evaluate the advertising agency through it's structure and services. How maintaining agency client relationship reasons of client turnover ? also evaluate skills for career in advertising world and career options etc.
CO3	interpret Economic and social aspects of advertising. Also Social and Regulatory Laws of Advertising ethical issues and unethical cultural aspects etc.
CO4	examine the Brand Building and Special purpose advertising through communication process AIDA Model, Brand Equity and Brand Crisis. Also special purpose means rural, political, advocacy, corporate image and green advertising etc.
SEM - IV	
Advertising II	
CO1	understand the Advertising Media like, Newspapers Magazines Radio – Television out of home and film also new age media like Digital Internet and Media research etc.
CO2	examine planning advertising campaign, Advertising Budget also media planning like Reach, Frequency and DRP process media selection and media scheduling strategy etc.
CO3	understand the Advertising Media like, Newspapers Magazines Radio – Television out of home and film also new age media like Digital Internet and Media research etc.
CO4	understand and apply to execution and evaluation of advertising like elements of copy and essentials. Types of copy, layout and Illustration principles also evaluation of Pre-testing and Post testing Methods, objectives of testing advertising effectiveness etc.

COURSE OUTCOMES

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FOUNDATION COURSE	
SEM-III	
CO1	It emphasizes on unraveling the importance of human rights
CO2	It probes Threats to environment Dealing with disaster
CO3	It traces the development of science and technology
CO4	It explores how to develop leadership quality
CO5	Vital issues like affordable health facility
SEM-IV	
CO1	The learner would be able to understand new age human rights.
CO2	The learner would be able to comprehend the need and strategies for sustainable development.
CO3	The learner will be able to critically evaluate the pros and cons of modern technologies.
CO4	The learner would understand the importance of acquiring communication skills and other soft skills

COURSE OUTCOMES

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ACCOUNTANCY	
SEM - V	
PAPER 7 Financial Accounting and Auditing –VII (Financial Accounting)	
	The learner would be able to
CO1	prepare financial statements of companies as per provisions of Companies Act.
CO2	differentiate between Internal Reconstruction and External Reconstruction and to execute the legal and accounting aspect of internal reconstruction.
CO3	enumerate accounting procedures, conditions and steps of Buy Back of Shares
CO4	maintain his/her personal Investment Account as per Accounting Standard and calculate returns on investment in various securities.
CO5	corelate various forms of ethics and to evaluate corporate governance, corporate social responsibility
PAPER 8 Financial Accounting and Auditing –VIII (Cost Accounting)	
CO1	understand the basic concepts of cost, Elements and classification of cost.
CO2	explain and record different types of costs relating to material, labour and overheads in the cost sheet.
CO3	describe Inventory Control and Inventory Accounting and prepare Stock Ledger to value inventories.
CO4	understand Classification of Overheads and would prepare a Statement showing Primary Distribution of Overheads.
CO5	identify the reasons for disagreement of profits shown by Financial Accounts and Cost Accounts and prepare Reconciliation Statement.
Elective paper Direct and Indirect Taxation-I	
CO1	understand the basic terms of Income Tax, Scope of total income and residential status and find out residential status and Income of individual assessee.

CO2	classify the various heads of Income and find out income from Salary and House Properties, Profit and Gains from business, Capital Gains on transfer of residential house property and income from other sources.
CO3	understand various deductions under chapter VIA from Total Income and find out Taxable Income.
CO4	calculate Total Income of Individual after considering all heads of income and deductions under chapter VIA.
SEM - VI	
PAPER 9 Financial Accounting and Auditing –IX (Financial Accounting)	
CO1	maintain and record accounting entries in the books of Transferor and Transferee Company and understand the procedure of corporate restructuring in terms of Amalgamation, Absorption and External Reconstruction.
CO2	find out profit and loss arise due to International Transaction (Import and Export) of Goods and Assets and implement accounting standard in respect of foreign currency transaction.
CO3	ascertain the funds to be distributed by official liquidator under legal provisions of liquidation of companies and find out the contribution to be made by List ‘B’ Contributories.
CO4	familiarise with various types of underwriting and determine Underwriter’s Liability.
CO5	prepare financial statement of Limited Liability of Partnership and to convert Sole proprietorships and Partnership firm into Limited Liability Partnership.
PAPER 10 Financial Accounting and Auditing –X (Cost Accounting)	
CO1	know Non-integrated Cost Accounting System and understand the Principal Ledger and Subsidiary Ledgers.
CO2	find out the profit or loss by preparing Contract Account and the treatment of profit on incomplete contracts.
CO3	apply the method of Process Costing and ascertain normal loss, abnormal loss and abnormal gain.
CO4	get insight into Profit-Volume Ratio, Break-Even Point and Margin of Safety.
CO5	compare the actual costs with standard costs and ascertain the variances of Material and Labour.
CO6	understand some emerging concepts of cost accounting
Elective paper Direct and Indirect Taxation-II	

CO1	understand the basic concepts related to Goods and Service Tax, Scope of Supply, Levy and Collection of Tax, composition of Levy.
CO2	find out taxable amount for computation of GST.
CO3	learn Time, Place and Value of Supply and find out applicability of IGST, CGST, SGST and UTGST
CO4	understand Input Tax Credit and Payment of Tax and Computation of Tax Liability and payment of tax and find out GST Payable.
CO5	know Procedure for registration, Cancellation of Registration and Eligibility for GST Registration under GST Law.

COURSE OUTCOMES (2019-20)

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BUSINESS ECONOMICS	
SEM-V	
BUSINESS ECONOMICS	
After completion of this course, following will be gained by Learner:	
CO1	It helps in analyses and critique the functioning of the Indian Economy (i.e. Macro Economics Overview of India) in a lucid and yet in-depth manner. Keeping this in mind, it introduces Learners to the various issues and challenges of the Indian Economy.
CO2	It stresses the understanding of the New Economic Policy 1991 and its continued impact on the various sectors of the economy. All the three sectors of the economy i.e. primary, secondary and service.
CO3	Emphasis has been laid on familiarizing learners with the policies and programmes of the government, evaluating and analyzing their effect on the economy.
CO4	The Banking and financial markets are the backbone of the Indian financial sector. It makes them aware of recent trends, issues, challenges and reforms in these markets.
CO5	Overall, it will widen their knowledge base preparing them for their future career paths.
SEM-VI	
BUSINESS ECONOMICS	
After completion of this course, following will be gained by Learner:	
CO1	Various theories of International Trade are introduced to them to make their subject base clear. This helps them to visualize how trade concepts evolved in the past. It brings concept and graphical representation of Gains from trade and Terms of Trade for better understanding of trade.
CO2	It gives pros and cons about International Trade. It also introduces to them about various Tariff and Non-Tariff Barriers. Also, about International Economic Integration like EU, BREXIT and ASEAN.

CO3	Learners become aware about Balance of Payment i.e. a method about keeping record of export receipt and import payments. Another aspect of trade i.e. WTO (World Trade Organisation) recent developments in TRIPS, TRIMS and GATS. This knowledge will give them a picture of World Trade and its issues.
CO4	It is essential to become familiar with Foreign Exchange when it comes to International Trade or foreign travel. Learners become aware of the functioning of foreign exchange markets and its players. Concept and types of Exchange rate are introduced to them.

COURSE OUTCOMES

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MHRM	
SEM - V	
PAPER 1	ADVERTISING - I
	The learner would be able to
CO1	apply his skills and knowledge of marketing as a functional area of business organization apart from creating demand, effective marketing generates customer satisfaction, enhances corporate image, enable the firms to gain competitive advantage maintains customer relations and develop the brand image, enhances brand equity and sustains brand loyalty etc.
CO2	understand MIs process consumer behavior and market segmentation etc. also market research to solve the market problems, and factors influencing consumer behavior etc.
CO3	evaluate marketing mix which refers to the marketing variables that combines to sell a product to the target market.
CO4	Understand physical distribution as a process of effectively delivering the product to the consumers in proper distribution efficiency, salesmanship balancing demand and supply etc.
	SEM - VI
	HRM
CO1	Human Resource Management and Human Resource planning HRM are processes of managing human resources to improve individuals, group and organizational effectiveness.
CO2	evaluate human resource development which is the integrated use of training and development, organizational development and career development to improve individual's group and organization effectiveness.
CO3	examine human relations and it is a process of an effective motivation of individuals in a given situation in order to achieve a balance of objectives, which will give greater human satisfaction and help accomplish company goals.
CO4	understand recent trends in HRM like HRA (Human Resource Accounting) which is concerned with the measurement of cost and value of people in the organization. It also involves measuring the economic value of people in the organization.

COURSE OUTCOMES

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EXPORT MARKETING	
SEM - V	
PAPER 1	EXPORT MARKETING - I
The learner would be able to	
CO1	understand the full concept of Export Marketing which involves export business with individuals, firms, organizations or Government entities in other countries and the importance of exports for a nation.
CO2	analyse global framework for exports like Trade Barriers i.e. tariff and non-tariff, major economic groupings, World Trade Organization and its objectives and functions, overseas market selection.
CO3	understand India's Foreign Trade Policy 2015-2020 and Highlights, the Exim policy which provides a list of initiatives and procedural guidelines for exporters and importers (GOI renamed the EXIM policy as Foreign Trade Policy in 2004).
CO4	evaluate financial incentives and assistance to exporters to encourage them to increase exports like EPCGS, DBK, MDA, exemption from GST octroi and Rail freight Refunds, EOUS, SEZs etc.
SEM - VI	
EXPORT MARKETING - II	
CO1	understand product planning and pricing decisions like, branding decisions and its process management, packaging labeling and pricing decisions also FOB quotations etc.
CO2	examine export distribution and promotion channels, logistics and their mode of transports also need for insurance and sales promotion techniques in exports etc.
CO3	evaluate export finance and their methods of payments pre and post shipments finance that is also referred as packing credit, role of export financing institutions etc.
CO4	understand export financing institutions etc.

COURSE OUTCOMES

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COMPUTER SYSTEMS AND APPLICATIONS	
SEM - V	
COMPUTER SYSTEMS AND APPLICATIONS - I	
Data Communication, Networking and Internet.	
CO1	The Learner would understand what is Computer? How it works? How it is getting used for Distributive Data Communication.
CO2	The Learner would able to know the basic things such as how to communicate with other computers through computer networks, what are the hardware and software require for that, what are the types of networks, its topology.
CO3	The Learner would be able to get connected with internet. He has learnt different types of internet connections, facilities provided by internet, protocols of internet, mobile networks, how data travels, how credit cards works, how the data is protected.
CO4	The Learner would be able to understand cyber crime, hacking, sniffing, and spoofing.
Database and MySQL	
CO1	The Learner would understand Databases, Relational and Non-relational database systems and MySQL as a Non-procedural Language.
CO2	Learner can create databases, manipulate databases and tables with insert modify add update set commands.
CO3	The Learner would understand concept of RDBMS which contains simple queries, Multi Table Queries, Nested queries and simple transactions.
Introduction to Excel	
CO1	The Learner can Create and Navigate through worksheets and adding information to worksheets. He learns different types of data such as texts, numbers, dates, functions.
CO2	The Learner would be able to execute commands like Cut, Copy, Paste, Adding and moving columns or rows. Inserting columns and rows. Find and replace values. Spell check. Formatting cells, Numbers, Date, Times, Font, Colors, Borders and Fills.
CO3	The Learner would be able to work on Multiple Spreadsheets commands like Adding, removing, hiding and renaming worksheets. Add headers/Footers to a Workbook. Page breaks, preview. Creating formulas, inserting functions, cell references, functions and analysis.

	SEM - VI
	COMPUTER SYSTEMS AND APPLICATIONS - II
	E – Commerce
CO1	The Learner would be able to understand the definition and features of E-commerce, Different types of E-commerce
CO2	The Learner would be able to work on Business models like Advertising, Subscription, Transaction Fee, Sales Revenue, Affiliate Revenue. B2C models like Portal, Etailer, Content Provider, Transaction Broker, Market Creator, Service Provider, Community provider.
CO3	The Learner would understand the security systems like Encryption, Digital Signatures, SSL, Decryption.
CO4	The Learner would get acquainted with Payment Systems: Digital Cash, Online stored value, Digital accumulating balance payment, Digital credit accounts, digital checking.
	Advanced Spread Sheet
CO1	The Learner can handle Multiple Spread sheets - Creating and using templates, using predefined templates, adding protection option. Creating and Linking Multiple Spreadsheets. Creating Formulae, Using formulae that use reference to cells in different worksheets.
CO2	The Learner would be able to execute Database functions like LOOKUP, VLOOKUP, HLOOKUP, Conditional Logic functions IF, Nested IF, COUNTIF, SUMIF, AVERAGEIF, String functions and date functions
CO3	The Learner would be able to understand Data analysis Filter with customized condition, Graphical representation of data Column, Line, Pie and Bar charts, Using Scenarios, creating and managing a scenario, Using Goal Seek, Using Solver, Understanding Macros, Creating, Recording and Running Simple Macros.
	Introduction to Visual Basic
CO1	The Learner understands Visual Basic, Graphical User Interface (GUI) Programming Language (Procedural, Object Oriented, Event Driven), Writing VB Projects. The Visual Basic Environment.
CO2	The Learner would be able to know VB Controls, Variables, Constants, and Calculations Variable and Constant, Data Type.
CO3	The Learner would be able to understand Decision and Condition, Comparing numeric variables and constants, Comparing Strings, Comparing Text Property of text box, Compound Conditions (And, Or, Not). Sub-procedures and Sub-functions.