1st sem BCA - Assignments

Sl.no	Course	Subject	Assignment details	Faculty Name
1.	1st sem BCA	DISCRETE STRUCTURES	• Fundamentals of Set theory • Cartesian Products and Relations • Counting and Relations • tower of Hanoi problem • Kruskul's Algorithms • Fundamentals of Digraphs	Manjunath M R
2.	1st sem BCA	PROBLEM SOLVING TECHNIQUES	• Asymptotic notation • Fundamental Algorithms • Control Flow • Pointers and Arrays • Searching • Array Techniques	Pandurangappa H
3.	1st sem BCA	DATA STRUCTURES	• Arrays • singly linked list • Towers of Hanoi • AVL Trees • Hashing • Graph Traversal	Sindhu V

3rd sem BCA - Assignments

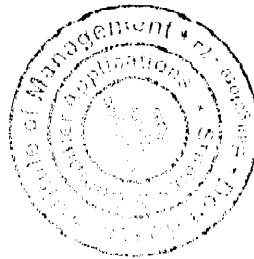| Sl.no	Course	Subject	Assignment details	Faculty Name
1	3rd sem BCA	OPERATING SYSTEM	Process synchronization Scheduling algorithm File system Types of network	Madhusudan
2	3rd sem BCA	COMPUTER NETWORK	TCP/IP protocol HDLC Quality of Services DNS	K Keerthi Yadav Dakshayani
3	3rd sem BCA	PYTHON	String Working on API Tuples and sets CSV file format	Pandurangappa H

4th sem BCA - Assignments

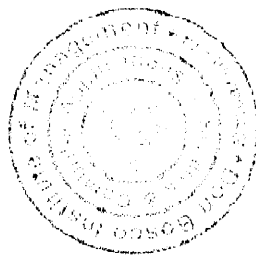| Sl.no	Course	Subject	Assignment details	Faculty Name
1	4th sem BCA	SOFTWARE ENGINEERING	● Agile development ● Software test strategies ● RMMMplan ● Software lifecycle model ● White Box testing	Pandurangappa H
2	4th sem BCA	THE DESIGN AND ANALYSIS ALGORITHM	● Divide and Conquer ● Knapsack algorithm ● Floyd's algorithm ● Hamiltonian circuit problem ● Prem algorithm ● Dijkstra's algorithm	K Keerthi Yadav
3	4th sem BCA	INTERNET TECHNOLOGIES	● Internet application ● HTTP ● HTML ● CSS ● Web application framework	Dakshayani

2nd sem BCA - Assignments

Sl.no	Course	Subject	Assignment details	Faculty Name
1	2 sem BCA	COMPUTER ARCHITECTURE	• Computer Arithmetic • CISC vs RISC • Micro-programmed Control • DMA • RAID • Design of Control Unit	Manjunath M R
2	2 sem BCA	OBJECT ORIENTED PROGRAMMING USING JAVA	• String Buffer • Inheritance in java • Event handling in java • Thread life cycle and methods • I/O programming	Sindhu V
3	2 sem BCA	DATABASE MANAGEMENT SYSTEMS	• Database System Concepts and Architecture • Entity-Relationship Model • Unary Relational Operations • Relational Database Design • Concurrency control techniques	Deepa T

5th sem BCA - Assignments

Sl.no	Course	Subject	Assignment details	Faculty Name
1	5th sem BCA	ARTIFICIAL INTELLIGENCE	- A* search, AO* search - Types of Learning - Robotics - Machine learning - Expert Systems	Madhusudan
2	5th sem BCA	DATA ANALYTICS	- Bayes theorem - Hypothesis Testing - Scatter plot - Power BI Architecture and Data Access - Linear Regression-Simple	Deepa T
3	5th sem BCA	WEB PROGRAMMING	- DOM 2 event model - Events and event handling - PHP-Using Comments - Looping - File Handling	K Keerthi Yadav Manjunath M R

6th sem BCA –Assignment

Sl.no	Course	Subject	Assignment details	Faculty Name
1	6th sem BCA	Theory of Computations	• Proving languages not to be regular languages. • Definition of the Pushdown automata. • Programming techniques for Turing Machines. • The central concepts of Automata theory. • Finite Automata and Regular Expressions Applications of Regular Expressions.	Pandurangappa H
2	6th sem BCA	System Programming	• Evolution of the Components of a Programming System. • Format of databases, algorithm. • Implementation of macro calls within macros. • Design of a Direct linking loader Specification of problem. • Optimization (machine independent) optimization (machine dependent).	Madhusudan
3	6th sem BCA	Cryptography and Network security	• Explain Mathematics of Cryptography. • Examples of Block Ciphers influenced by DES. • Mathematics of Asymmetric-Key Cryptography. • Description of MD Hash Family, Whirlpool, SHA-512. • Security at the Transport Layer	Manjunath M R
4	6th sem BCA	Web Programming	• Explain the Web Programmers Toolbox. • Forms, Frames in HTML and XHTML. • Pattern matching using expressions. • Explain Element access in JavaScript. • Dragging and dropping elements. XML.	Manjunath M R

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Kumbalagodu, Bangalore, Karnataka - 560074

1st sem BBA -Assignments

Sl.no	Course	Subject	Assignment details	Faculty Name
1.	1sem BBA	Management Innovation	• Two cases on the above syllabus should be analysed by the teacher in the classroom and the same need to be recorded by the student in the Skill Development Book. • List out recent changes in management structure. • Draft chart on functions of Management • Prepare a report on the application of Artificial intelligence in Business. • Any other activities, which are relevant to the course.	Asst Prof Mamatha
2.	1sem BBA	Fundamentals of Accountancy	• List out the accounting concepts and conventions. • Prepare a Bank Reconciliation Statement with imaginary figures 5 • Collect the financial statement of a proprietary concern and record it. • Prepare a financial statement of an imaginary company using spreadsheet • Any other activities, which are relevant to the course.	Asst Prof Vinayaka T
3	1sem BBA	Marketing Management	• Two cases on the above syllabus should be analysed and recorded in the skill development book. • Design a logo and tagline for a product of your choice • Develop an advertisement copy for a product. • Prepare a chart for distribution networks for different products. • Prepare a Survey Report on Consumer Behaviour	Asst Prof Sushmitha
4.	1sem BBA	Digital Fluency	• Use word processor to prepare Resume • Draft a covering letter using Word Processor • Systematically draft different emails • Prepare a Letter of Internship requisition and send email. • Install and uninstall a Web Browser and Record the Steps	Asst Prof Deepa

2nd Sem BBA - Assignments

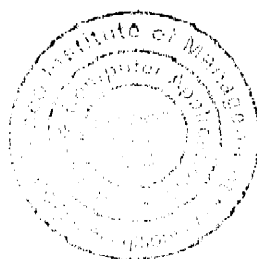| Sl.no	Course	Subject	Assignment details	Faculty Name
1	2 sem BBA	Financial Accounting and Reporting	• List out 2 Departmental Undertakings with the following details: Name & Address of the Departmental Undertaking. List of departments. • Visit any two Departmental organisations, collect details of common expenses and specific expenses. • Collect Hire Purchase agreements and draft Hire Purchase agreements with imaginary figures. • Download Insurance claim form and fill the necessary details to claim Fire Insurance • List out the countries that adopted and converged with IFRS around the world • Using spreadsheet, Prepare Statement of Insurance claims, Columnar Departmental Trading and Profit and Loss account and Balance sheet. • Any other activities, which are relevant to the course	Asst Prof Yashasvi
2	2 sem BBA	Human Resource Management	• Meet the HR Manager of any company and state his/her role and responsibilities. • Choose any MNC and present your observations on training program • Develop a format for performance appraisal of an employee. • List out key features of any two Employee Engagement models. • Analysis of components of pay structure based on the CTC sent by the Corporate to the candidate for the various jobs of different sectors. • Any other activities, which are relevant to the course.	Asst Prof Vinayaka T
3	2 sem BBA	Business Environment	• List out key features of recent Monetary policy published by RBI impacting businesses. • Give your observation as to how technology has helped society. • Draft Five Forces Model for Imaginary business. • Identify the benefits of Digital transformation in India. • List out various laws affecting Indian business	Asst Prof Subha R

3rd Sem BBA Assignments

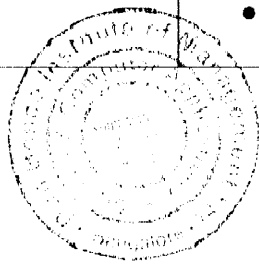| Sl.no	Course	Subject	Assignment details	Faculty Name
1	3rd sem BBA	Elements of Cost Accounting	• Visit any Manufacturing entity, collect the method of inventory valuation adopted & procedure involved in procuring inventory. • Draw the format of five documents used for material accounting 3. Prepare dummy Payroll with imaginary figures. • Visit any large-scale organization, identify the techniques used for controlling administrative, Selling & distribution overheads. • Visit any manufacturing entity and collect the cost date and prepare the cost sheet.	Asst Prof Sushmitha
2	3rd sem BBA	Organisational Behaviour	• Prepare a Chart showing various OB Models • Develop e content on factors influencing individual perceptions • Role play on Team Dynamics • Visit any two organisation and collect information on various motivational models adopted • Prepare a chart on the stages of OD	Asst Prof Manasa
3	3rd sem BBA	Business Statistics	• Collect data from 50 friends about their monthly expenditure on Mobile Recharge, Cosmetics, Chats and Other Expenses and present the same in a Tabular Form. • Collect data from at least 5 friends about the percentage of marks obtained in SSLC in different subject and present the same in a sub divided Bar Diagram Form or Pie diagram • Collect the data relating prices of shares of two companies for ten days and ascertain which company share are more variable. • Collect age statistics of 10 newly married couples and compute correlation coefficient • Select 10 items of daily- consumed products relate to base year price and quantity and current year price and calculate cost living index.	Asst Prof Kusuma

Sl.no	Course	Subject	Assignment details	Faculty Name
1	4th sem BBA	Management Accounting	• Collection of financial statements of any one organization for two years and preparing comparative statements • Collection of financial statements of any two organizations for two years and prepare a common Size Statements • Collect statements of an Organization and Calculate Important Accounting Ratio's • Draft a report on any crisis in an organization Collect the data and prepare Cash flow statement as per IND AS 7	Asst Prof Sahana
2	4th sem BBA	Indian Financial System	• Visit any financial institution and prepare a report regarding its structure, functions and performance. Analyse the ratings given by any credit rating agency, for at least 5 companies. • Collect information on NASDAQ, Nifty, Sensex and write brief report on the same. • Identify a company of your choice and record its share prices for one month.	Asst Prof Vijetha
3	4th sem BBA	Financial Management	• Draw the organization chart of Finance Function of a company • Submit an analysed report on Capital structure in 3 different industries • Explain the role of financial manager in the context of globalization. • Prepare E-content of dividend policy of a company Develop E-content for working capital management to a service organizations	Asst Prof Sushmitha

Sl.no	Course	Subject	Assignment details	Faculty Name
1	5th sem BBA	Production and Operations Management	• Visit any industry and list out the automation in the process of production • List out the influencing factors in selecting plant location • Draw a flow chart on production control • Identify and list the Inventory Management in an organization. • Demonstrate the waste management techniques to the public	Asst Prof Vinayaka T
2	5th sem BBA	Income Tax I	• Prepare a slab rates chart for different Individual assesses. • Visit any Chartered Accountant Office Collect and record the procedure involved in filing the Income tax returns of an Individual. • List out any 10 Incomes exempt from tax of an Individual. • Prepare the list of perquisites received by an employee in an organization. • Identify and collect various enclosures pertaining to Income tax returns of an individual. • Any other activities, which are relevant to the course.	Asst Prof Kusuma
3	5th sem BBA	Banking Law and Practice	• Collect the accounting opening form and pay in slip of nationalised and private banks. • Draw a specimen of a crossed cheque. • List out different types of customers and collect KYC documents required for loan • List out various fee-based services offered by a bank in your locality • List out application-based payment systems provided by a commercial bank.	Asst Prof Mamatha
4	5th sem BBA	Advanced Corporate Financial Management	• Visit an organisation in your town and collect data about the financial objectives. • Compute the specific cost and weighted average cost of capital of an Organisation, you have visited. • Case analysis of some live merger reported in business magazines. • Meet the financial manager of any company, discuss ethical issues in financial management.	Asst Prof Mamatha

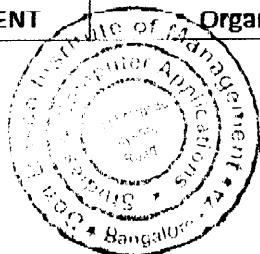|			• Collect the data relating to dividend policies practices by any two companies. • Any other activities, which are relevant to the course.	
5	5th sem BBA	Consumer Behaviour	• Collect information on Behaviour of consumers at an unorganized retail Outlets. • Prepare a questionnaire to conduct consumer survey to assets the important factor motivates their purchase like mobile, shoes, bags, etc. • Collect and record feedback on customer satisfaction online shoeing cycle. • Write a report on the marketing problem faced by an organization of your choice. • Visit any three local restaurants and assess how each attracts clients in different stages of the family life	Asst Prof Vinayaka
6	5th sem BBA	Compensation and performance management	• List the various components of total compensation in Multinational Companies. • Construct a questionnaire for a salary survey on nurses. • Design a performance appraisal plan using any Modern Performance Appraisal Tool for an IT company. • Study any one contemporary practice of Performance Management System (Balance scorecard, Lean Management, BPRE, Six Sigma and so on)	Asst Prof Sushmitha
7	5th sem BBA	Digital Marketing	• The key digital marketing activities needed for competitive success. • Examine the concept of Digital Media and benefits to be derived. • Recognise the core features of CRM and retention programmes • Identify the metrics used in digital marketing. • Organise how we can limit the marketing materials we get through e-mail.	Asst Prof Manasa

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Sl no	Course	Subject	Assignment details	Faculty name
1	6th SEM BBA	INCOME TAX - II	• Table of rates of Tax deducted at source. • Filing of IT returns of individuals. • List of Enclosures for IT returns.	Asst Prof Vinayaka T
2	6th SEM BBA	STRATEGIC MANAGEMENT	• Present a chart showing Strategic Management Process. • Select any organization and undertake SWOT analysis. • Analyse the corporate, business and functional level strategies of any one Indian Company. • Select any sector and make competitive analysis using Porter's five forces model. • List social responsibility actions initiated by any one company in India. • Select any organization and identify the Key Result Areas	Asst Prof Mamatha
3	6th SEM BBA	Management Accounting	• Tabulate the foreign exchange rate of rupee for dollar and euro currencies for 1 month • List any two Indian MNC's along with their products or services offered. • Prepare a chart showing currencies of different countries • Collect and Paste any two documents used in Import and Export trade.	Asst Prof Sushmitha
4	6th SEM BBA	SUPPLY CHAIN AND LOGISTICS MANAGEMENT	• Draw a diagram showing the process view of Supply Chain • Show the inbound and outbound supply chain players in a chart form • Write any one model of Supply Chain Management • Identify the industry verticals following supply chain practices • Study the "Toyota Production System" and draw a chart showing the flow of supplier improvement • in production process.	Asst Prof Subha R
5	6th SEM BBA	ORGANISATIONAL DEVELOPMENT	• List out the recent OD interventions in Organizations.	Asst Prof Yashasvi

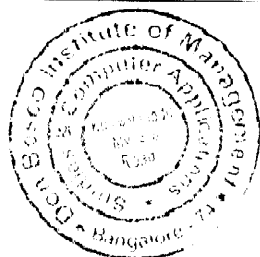| | | AND CHANGE MANAGEMENT | • Discuss case studies on Impact of change on Organizational effectiveness.
• Discussion of case studies on any one OD intervention
• List out the employee's responses to change using a real time change in any organization, preferable educational institution.
• Develop an OD structure for a family business or a Business school | |

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Don Bosco Institute of Management
Studies & Computer Applications
Kumbalagodu, Mysore Road,
Bangalore - 560 074.

2nd Sem BCOM - ASSIGNMENTS

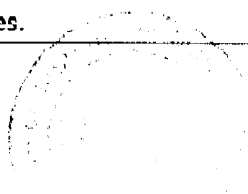| SI no	Course	Subject	Assignment details	Faculty name
1	2nd SEM	Advanced Financial Accounting	• Identify the procedure and documentation involved in Insurance Claims. • Visit to the nearest Departmental Organization, Identify the common expenditures and the basis of • allocation of the same among departments practiced there • Collect Royalty Agreement and study about drafting the same. Also develop E-content for Royalty • Agreement • Collect information about bills of exchange of nearby firms and calculate Average Due Date in • different situations.	Asst Prof Ramya
2	2nd SEM	Business Ethics	• Prepare a chart showing types of values. • Make a list of unethical aspects of finance in any organization. • Make a list of ethical issues that functional managers face. • Prepare a note on the CSR activities undertaken by any two Indian Corporate. • Create a list of ethical issues involved in Corporate Governance. • Prepare a list of unethical aspects of advertising. • Any other activities, which are relevant to the course	Asst Prof Kusuma
3	2nd SEM	Banking Innovations	• Visit any two category of banks and collect the specimen Copy of various Account Opening • Forms • Visit a Bank and collect the Loan Schemes extended to the Entrepreneurs • Conduct a Survey of street vendors/Petty shops on usage of digitalization in business transactions • Develop a E-Content on the process and uses of UPI APP like BHIM, Paytm, Phone pay, Google • Pay, Airtel Pay and Amazon Pay • List out the procedure for investment banking - Mutual Funds, stocks etc	Asst Prof Sahana
4	2nd SEM	Digital Fluency	• Obtaining Aadhar/PAN/Voter ID/ Passport of self. • Filling up the forms to open Bank accounts • Documents required to avail LIC Policy and necessary documents to be attached. • Draft a circular. • Preparation of Appointment Letter. • Creation of draft Invoice.	Asst Prof Sangeetha

3rd Sem B.Com - Assignment

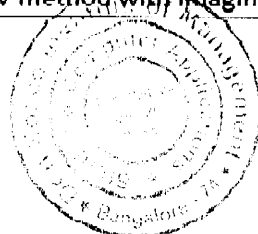| Sl no	course	subject	Assignment details	Faculty name
1	3rd SEM	Corporate Accounting	• Compile the list of Indian companies which have issued shares through IPO / FPO in the current financial year. • Determine Underwriters' Liability in case of an IPO, with imaginary figures. • Collect financial statement of a company and calculate intrinsic value of an equity share. • Collect annual report of a Company and List out its assets and Liabilities. • Collection of latest financial statements of a company and find out the intrinsic value of shares. • Any other activities, which are relevant to the course.	Asst Prof Subha R
2	3rd SEM	Business Mathematics & Statistics	• Show the chart for solving Multi-Step Equation and • Show the chart for different kinds of equations • Collect question papers of UPSC and KPSC or any Competitive exams and workout problems related to commercial arithmetic • Show a chart for classification of Ratios • Assume Marks of 20 students in accounts and calculate Mean Median and Mode marks	Asst Prof Kusuma
	3rd SEM	Company Law & Administration	• List out any 10 Companies and prepare a report on CSR activities of any two Indian Companies • Prepare an E- Content of Prospectus, MoA, AoA of any Company • Prepare Organizational Structure and describe key personnel role of any two Indian Companies • Collect the specimen copy of share certificate, Debenture certificate, ESOP etc • Prepare a Draft of Meeting Procedure of a Company	Asst Prof Ramya

4th Sem B.Com - Assignment

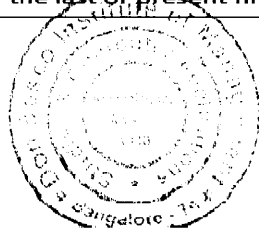| Sl no	Course	Subject	Assignment details	Faculty name
1	4th SEM BCOM	Advanced Corporate Accounting	• List out legal provisions in respect of Redemption of Preference shares. • Calculation of Purchase consideration with imaginary figures.	Asst Prof Vinayaka T

			• List any five cases of amalgamation in the nature of merger or acquisition of Joint Stock Companies. • List out legal provisions in respect of internal reconstruction. • Any other activities, which are relevant to the course.	
2	4th SEM BCOM	Cost Accounting	• Visit any Manufacturing entity, collect the method of inventory valuation adopted & procedure involved in procuring inventory. • Draw the format of five documents used for material accounting. Prepare dummy Payroll with imaginary figures. • Visit any large-scale organization, identify the techniques used for controlling administrative, Selling & distribution overheads. • Visit any manufacturing entity and collect the cost date and prepare the cost sheet. • Any other activities, which are relevant to the course.	Asst Prof Subha R
3	4th SEM BCOM	Business Regulations	• Discuss the case of "Carlill vs Carbolic Smoke Ball Company" case • Discuss any one case law relating to minor. • State the procedure for getting patent for 'inventions' and / or 'non-inventions'. • List at least 5 items which can be categorized as 'hazardous substance' according to Environment Protection Act. • List out any top upcoming jobs in cyber security and examine the skills required for the same.	Asst Prof Sahana

5th Sem B.Com – Assignment

SI no	Course	Subject	Assignment details	Faculty name
1	5th SEM BCOM	Financial Management	• Visit the Finance Department of any organization and collect and record the Functions and Responsibilities of Finance Manager. • As a finance manager of a company advice the management in designing an appropriate Capital Structure. • Evaluate a capital investment proposal by using NPV method with imaginary figures.	Asst Prof Subha R

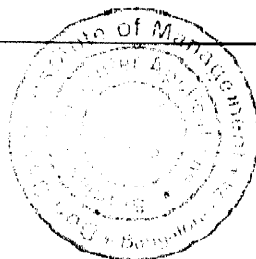|					
			• Illustrate with imaginary figures the compounding and discounting techniques of time value of money. • Estimate working capital requirements of an organization with imaginary figures. • Any other activities, which are relevant to the course.		
2	5th SEM BCOM	Income Tax Law and Practice – I	• Prepare a slab rates chart for different Individual assesses. • Collect and record the procedure involved in filing the Income tax returns of an Individual. • List out exempted incomes under section 10 of an Individual as per IT Act 1961. • Prepare the chart of perquisites received by an employee in an organization. • List out required documents for filling returns of an Individual. • Any other activities, which are relevant to the course.	Asst Prof Sahana G
3	5th SEM BCOM	Principles and Practice of Auditing	• Design and develop an audit plan program for a joint stock company • List the various documents necessary to be verified in the audit process • Draft an audit report (qualified or clean) with imaginary data. • Record the verification procedure with respect to any one fixed asset. • Prepare an E-content on professional ethics of an auditor. • Any other activities, which are relevant to the course.	Asst Prof Vijetha
4	5th SEM BCOM	Indian Accounting Standards-1	• Detailed note on structure and functions of Indian Accounting Standards Board • List out the procedure for issue of an Accounting Standard by the Accounting Standards Board. • Collect the format of any company as per Ind AS 1 (moneycontrol.com). • Prepare a chart on different types of employee benefits.	Asst Prof Kususma
5	5th SEM BCOM	Financial Institutions and Markets	• List out any five recent Financial Sectors Reforms and analyse them. • Collect Share Application Forms of any five different companies who have offered IPO in the last or present financial year.	Asst Prof Sahana

			• Visit website of Development Financial Institutions (DFIs) and prepare report on the history/milestone and functions of the DFIs • Identify the Different types of Venture capital firms operating in Karnataka and their investment.	
6	5th SEM BCOM	Human Resources Development	• Discuss with HR manager on HRD and report on the same. • Visit any Organisation in your locality, collect information and report on employee welfare facilities provided by the company. • Meet HR trainer, discuss their role and responsibilities. • Visit any Organisation, discuss with employees about effectiveness of training • Visit any Organisation in your locality, collect information and report on employee wellness and health promotion programme provided by the company	Asst Prof Nathiq
7	5th SEM BCOM	Retail Management	• Identify any 10 Retail Business Stores at you Conveniences • Make a list of factors influence on choice of retail stores • Conduct a survey after sale service of any retail outlet • Collect the information on factors influencing on retail pricing.	Asst Prof Subha
8	5th SEM BCOM	Digital Marketing	• List out the key digital marketing activities. • Develop E-content on digital marketing. • List out the core features of CRM and retention programmes • Identify the metrics used in digital marketing.	Asst Prof Bharath

6th sem B.com - Assignment

Sl no	Course	Subject	Assignment details	Faculty name
1	6th SEM BCOM	INCOME TAX - II	• Table of rates of Tax deducted at source. • Filing of IT returns of individuals. • List of Enclosures for IT returns.	Asst Prof Ramya

2	6th SEM BCOM	Management Accounting	• Tabulate the foreign exchange rate of rupee for dollar and euro currencies for 1 month • List any two Indian MNC's along with their products or services offered. • Prepare a chart showing currencies of different countries • Collect and Paste any two documents used in Import and Export trade.	Asst Prof Girish
	6th SEM BCOM	RISK MANAGEMENT AND DERIVATIVES	• Perform a simulation analysis on Excel for an imaginary data of Cash Outflows and Cash Inflows. • Demonstrate Stock Hedging with Futures with the data elicited from National Stock Exchange. • Demonstrate the effect of Straddle and Strangle for an underlying of your choice. • List out three months future prices of 10 stocks/commodities	Asst Prof Vijetha
4	6th SEM BCOM	INTERNATIONAL FINANCE	• List the currencies of different countries and their conversion value into INR. • List the Indian companies which have issued ADRs, GDRs and International Bonds. • Demonstrate hedging foreign currency risk with data taken from Stock or Commodity Exchanges. • Demonstrate Interest rate swapping of two companies with transaction risk.	Asst Prof Mamatha
5	6th SEM BCOM	INTERNATIONAL HUMAN RESOURCES MANAGEMENT	• Analyse a Case Study relating to Multiculturalism and record the same. • Design a Compensation Structure of an MNC Employee with imaginary figures • Provide a list of top 10 best International Companies to work and substantiate with reasons. • ⃞ Discuss the various dimensions of International Adjustment	Asst Prof Sushmitha
6	6th SEM BCOM	ORGANISATIONAL DEVELOPMENT AND CHANGE MANAGEMENT	• List out the recent OD interventions in Organizations. • Discuss case studies on Impact of change on Organizational effectiveness. • Discussion of case studies on any one OD intervention • List out the employee's responses to change using a real time change in any organization, preferable educational institution. • Develop an OD structure for a family business or a Business school	Asst Prof Chaitra

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