

S. H. MUTHA COLLEGE OF ARTS, COMMERCE & SCIENCE KALYAN (W)

UNIT TEST SEM-IV TIMETABLE (FEB - 2023)

DATE	TIMING	SYBCOM	SYBMS(MARK)	SYBMS(FIN)	SYBAF	SYBSC(CS)	SYBSC(IT)	SYBSC(CHEM)	SYBA	SYBANIMC
23-02-2023	8:00 AM - 8:40 AM	Foundation Course	Foundation Course - IV	Foundation Course - IV	Foundation Course	Computer Network	Core Java	Foundation Course IV	Business Communication	Electronic Media-II
	8:40 AM - 9:20 AM	Accountancy and Financial Management	Production & Total Quality Management	Production & Total Quality Management	—	Software Engineering	Embedded System	Chemistry I	History II	Film Communication II
	9:20 AM - 10:00 AM	—	—	—	—	—	—	—	Economics V	—
24-02-2023	8:00 AM - 8:40 AM	CP-IV	Event Marketing	Strategic Cost Management	Tax	IOT Technologies	Computer Oriented Statistical Techniques	Chemistry II	History III	Media Laws and Ethics
	8:40 AM - 9:20 AM	Auditing	Tourism Marketing	Corporate Restructuring	Mgmt A/C	Android Application Development	—	Chemistry III	Economics VI	—
	9:20 AM - 10:00 AM	—	—	—	—	—	—	—	Marathi II	—
25-02-2023	8:00 AM - 8:40 AM	Economics	Business Research Methods	Business Research Methods	Fin A/C	Research Methodology	Software Engineering	Physics - I/Zoology - I/ Maths - I	Foundation Course IV	Writing and Editing for Media
	8:40 AM - 9:20 AM	Law	—	—	Law	—	—	Physics - II/Zoology - II/ Maths - II	Geography II	Mass Media Research
	9:20 AM - 10:00 AM	CSP	—	—	Business Research Method	—	—	Physics - III/Zoology - III/ Maths - III	Geography III	—
	10:00 AM - 10:40 AM	—	—	—	—	—	—	—	Marathi III	—

EXAM COMMITTEE



I/C PRINCIPAL

Signature

S. H. MUTHA COLLEGE OF ARTS, COMMERCE & SCIENCE KALYAN (W)
UNIT TEST SEM-II TIMETABLE (FEB - 2023)

DATE	TIMING	FYBCOM	FYBMS	FYBAF	FYBSC(CS)	FYBSC(TT)	FYBA	FYBSC
23-02-2023	8:00 AM - 8:40AM	AFM	Principles of Mktg	Financial Accounting	Advanced Python Programming	OOP with C++	Communication Skills	Chemistry I
	8:40 AM - 9:20 AM	Commerce-II	Principles of Mgmt	IFS	Introduction to OOPs using C++	Fund Microprocess or and Microcontroll ers	History I	Chemistry II
24-02-2023	8:00 AM - 8:40AM	Business Economics-II	Industrial Law	Business Law	Calculus	Web Application Development	Marathi (Com.)	Bot. I / Maths I
	8:40 AM - 9:20 AM	Business Comm-II	Business Comm-II	Business Comm-II	Statistical Methods	Numericals Methods	Geography I	Bot. II / Maths II
25-02-2023	8:00 AM - 8:40AM	Envr Studies-II	Business Envr	Auditing	E-Commerce & Digital Marketing	Green IT	Foundation Course II	Phy. I / Zoo. I
	8:40 AM - 9:20 AM	Foundation Course II	Foundation Course II	Foundation Course II	--	--	Marathi (Opt.) / Economics	Foundation Course II
	9:20 AM - 10:00 AM	Maths	Maths	Maths	--	--	--	Phy. II / Zoo. II

EXAM COMMITTEE



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S. H. MUTHA COLLEGE OF ARTS, COMMERCE & SCIENCE KALYAN (W)
UNIT TEST SEM-VI TIMETABLE (FEB - 2023)

DATE	TIMING	TYBCOM	TYBMS		TYBAF	TYBAMMC	TYBBI	TYBSC(CS)	TYBSC(IT)	TYBA (HISTORY)	TYBA (ECONOMICS)	TYBSC (CHEM)
			(MARK)	(FIN)								
23-02-2023	8:00 AM - 8:40AM	Business Economics	Operation Research	Operation Research	Financial Accounting	Digital Media Management	Security Analysis and Portfolio Management	Wireless Sensor Networks and Mobile Communication	SQA	IV - History of Medieval India	Advanced Macro Economics-II	Physical Chemistry
	8:40 AM - 9:20 AM	Financial Accounting	Retail Management	International Finance	-	Advertising in Contemporary Society	Auditing	Cloud Computing	Security in Computing	V - History of Contemporary India	International Economics	Inorganic Chemistry
24-02-2023	8:00 AM - 8:40AM	Commerce Paper - VI	International Marketing	Strategic Financial Management	Tax	Media Planning & Buying	Central Banking	Information Retrieval	Enterprise Networking	VI A - Introduction to Museology and Archival Science	Industrial and Labour Economics	Organic Chemistry
	8:40 AM - 9:20 AM	Cost Accounting	Media Planning & Management	-	Advertising & Sales Promotion	Tourism Management	Data Science	-	VII - History of Marathas	Research Methodology	-	-
25-02-2023	8:00 AM - 8:40AM	Purchasing & Store Keeping	Brand Management	Innovative Financial Services	Economics	Brand Management	International Business	Ethical Hacking	Cyber Laws	VIII - History of Asia	Environmental Economics	Drugs & Dyes
	8:40 AM - 9:20 AM	Direct & Indirect Taxation	-	-	-	AD Design	-	-	-	IX A - Research Methodology and Sources of History	History of Economic Thought	-

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S. H. MUTHA COLLEGE OF ARTS, COMMERCE & SCIENCE, KALYAN (W)
UNIT TEST SEM III & V TIME TABLE (AUGUST - 2022)

COMMERCE

DATE	TIMING	SYBAF	TYBAF	SYBMS (MRKT)	TYBMS (MRKT)	SYBMS (FIN)	TYBMS (FIN)	SYBBI	TYBBI	SYBCOM	TYBCOM
17/08/2022	8.30 AM TO 9.15 AM	Foundation Course - III	Financial Accounting - V	Foundation Course - III	Logistics and Supply Chain Management	Foundation Course - III	Logistics and Supply Chain Management	Foundation Course - III	International Banking & Finance	Foundation Course - III	Financial Accounting
	9.15 AM TO 10.00 AM	Business Law - II	Financial Accounting - VI	Business Planning & Entrepreneur Management	Corporate Communication and Public Relations	Business Planning & Entrepreneur Management	Corporate Communication and Public Relations	Financial Markets	Research Methodology	Commerce - III	Cost Accounting
18/08/2022	8.30 AM TO 9.15 AM	Financial Accounting- III	Cost Accounting - III	Accounting for Managerial Decision	Services Marketing	Accounting for Managerial Decision	Financial Accounting	Direct Taxation	Financial Reporting & Analysis	Business Economics	Business Economics - V
	9.15 AM TO 10.00 AM	Economics II (Macroeconomics)	Financial Management - II	Strategic Management	Sales and distribution	Strategic Management	Risk Management	Financial Management - I	Auditing I	Accountancy & Financial Management- III	Commerce - V
20/08/2022	8.30 AM TO 9.15 AM	Cost Accounting (Methods of Costing) II	Taxation - IV	Advertising	Customer Relationship Management	Equity & Debt Market	Investment Analysis & Portfolio Management	Management Accounting	Financial Services Management	Company Secretarial Practice	Direct and Indirect Taxation Paper
	9.15 AM TO 10.00 AM	Taxation - II (Direct Taxes Paper I)	Management Applications - II	Social Marketing	E Commerce & Digital Marketing	Corporate Finance	Commodity & Derivatives Market	Mutual Fund Management	Business Ethics	Business Law	Purchasing & Store Keeping
	10.00 AM TO 10.45 AM	-	-	-	-	-	-	-	-	Financial Accounting & Auditing- Introduction Management Accounting	-

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S. H. MUTHA COLLEGE OF ARTS, COMMERCE & SCIENCE, KALYAN (W)

UNIT TEST SEM III & V TIME TABLE (AUG- 2022)

IT & CS

DATE	TIME	SYCS	SYIT	TYIT	TYCS
17/08/2022	8.30 AM TO 9.15 AM	Linear Algebra	Computer Networks	Software Project Management	Web Services
18/08/2022	8.30 AM TO 9.15 AM	Java Based Application Development	Database Management System	IOT	---
20/08/2022	8.30 AM TO 9.15 AM	Creative Content Writing	Applied Mathematic	---	---

EXAM COMMITTEE



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S. H. MUTTHA COLLEGE OF ARTS, COMMERCE & SCIENCE, KALYAN (W)
UNIT TEST SEM III & V TIME TABLE (AUGUST 2022)
ARTS & SCI

DATE	TIMING	SYBA	TYBA (ECO.)	TYBA (HIS.)	SYBSC	TYBSC (CHEM)	SYBMM	TYBMM
17/08/2022	8.30 AM TO 9.15 AM	Foundation Course-III	Advanced Microeconomics-III	97017 History: History of Medieval India.(1000 CE- 1526 CE)	Foundation Course- III	Chemistry : Physical Chemistry	Electronic Media - 1	Copy Writing
	9.15 AM TO 10.00 AM	Business Communication	Economics of Growth & Development	History of Modern Maharashtra (1818CE- 1926CE)	CHEM I	—	Corporate Communication and Public Relations	Brand Building
18/08/2022	10.00 AM TO 10.45 AM	History:II	—	—	CHEM II	—	—	—
	8.30 AM TO 9.15 AM	History:III	Industrial & Labour Economics	Introduction to Archeology	CHEM III	Chemistry : Inorganic Chemistry	Introduction to Photography	Consumer Behaviour
20/08/2022	9.15 AM TO 10.00 AM	Economics : III	Research Methodology	History: History of the Marathas (1630 CE-1707 CE)	MATHS I/ZOO I/PHY	Chemistry : Organic Chemistry	Media Studies	Advertising and Marketing Research
	10.00 AM TO 10.45 AM	Economics : IV	—	—	MATHS II/ZOO II/PHY	—	—	—
20/08/2022	8.30 AM TO 9.15 AM	Geography:II	Environmental Economics	History of Contemporary World	MATHS III/ZOO III/PHY	Chemistry : Analytical Chemistry	Film Communication	Agency Management
	9.15 AM TO 10.00 AM	Geography:III	History of Economic Thought	History: Research Methodology and Sources of History.	—	Drugs and Dyces	—	Direct Marketing and E-commerce
20/08/2022	10.00 AM TO 10.45 AM	Marathi : II	—	—	—	—	—	—
	10.45 AM TO 11.30 AM	Marathi : III	—	—	—	—	—	—

EXAM COMMITTEE



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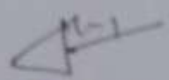
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Teaching Plan (T
(2022-23)

SETH HIRACHAND MUTHA COLLEGE OF ARTS & COMMERCE		
TEACHING PLAN (DEGREE COLLEGE)2022-2023		
Name of Teacher: Unnati Dhavore Class: SYCS /SEM-III Subject: Principles of Operating Systems		
DATE FROM - TO	TOPICS TO BE COMPLETED	OBJECTIVE
15 - 18 June 2022	Introduction to Operating-Systems: Definition of Operating System, Operating System's role,	Introduction to operating system with definition and function of os we also study the operating system structure with user and operating system interface and system structure, with Processes concept and the various threads.
20 - 25 June 22	Operating-System Operations, Functions of Operating System, Computing Environments	
27 June - 2 July 22	Operating-System Structures: Operating-System Services, User and Operating-System Interface, System Calls, Types of System Calls, Operating-System Structure	
4 - 9 July 22	Processes: Process Concept, Process Scheduling, Operations on Processes, Inter process Communication	
11 - 16 July 22	Threads: Overview, Multicore Programming, Multithreading Models	
18 -23 July 22	Process Synchronization: General structure of a typical process, race condition, The Critical-Section Problem, Peterson's Solution, Synchronization Hardware, Mutex Locks, Semaphores, Classic Problems of Synchronization, Monitors	process synchronization with general structure of a typical process race condition, and classic problems of synchronization and monitors. to study the Basic concepts of CPU Scheduling and Algorithms and Deadlocks Characterization.
25 - 30 July 22	CPU Scheduling: Basic Concepts, Scheduling Criteria, Scheduling Algorithms (FCFS, SJF, SRTF, Priority, RR, Multilevel Queue Scheduling, Multilevel Feedback Queue Scheduling), Thread Scheduling	
1 - 6 August 22	Deadlocks: System Model, Deadlock Characterization, Methods for Handling Deadlocks, Deadlock Prevention, Deadlock Avoidance, Deadlock Detection, Recovery from Deadlock	
8 - 13 August 22	Main Memory: Background, Logical address space, Physical address space, MMU, Swapping, Contiguous Memory Allocation, Segmentation, Paging, Structure of the Page Table	To study the Main memory and virtual memory with Mass- Storage structure and Disk Management. with File system Interface and file system implementation.
15 - 20 August 22	Virtual Memory: Background, Demand Paging, Copy-on-Write, Page Replacement, Allocation of Frames, Thrashing	
22 -27 August 22	Mass-Storage Structure: Overview, Disk Structure, Disk Scheduling, Disk Management	
29 - 30 August 22	File-System Interface: File Concept, Access Methods,	
5 - 10 Sep. 22	Directory and Disk Structure,	



12 - 17 Sep. 22	File-System Mounting, File Sharing
19 - 24 Sep. 22	File-System Implementation: File-System Structure, File-System Implementation,
26 Sep. - 1 Oct. 22	Implementation, Directory Implementation,
3 - 8 Oct. 22	Allocation Methods, Free-Space Management


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TEACHING PLAN (DEGREE COLLEGE) 2022-2023

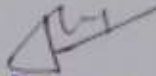
Name of Teacher: Devashree Bhoir Class: SYCS /SEM-III Subject: Linear Algebra

DATE FROM - TO	TOPICS TO BE COMPLETED	OBJECTIVE
15 - 18 June 2022	Field: Introduction to complex numbers, complex numbers in Python, abstracting over fields, Playing with GF (2).	To get knowlegde on the field from introduction to complex number, vectors are function and dictionary- based representation of vectors.also study the vector space and linear combination.
20 - 25 June 22	Vectors: Vectors are functions, Vector addition, Scalar-vector multiplication, combining vector addition and scalar multiplication,	
27 June - 2 July 22	Dictionary-based representations of vectors, Dot-product, Solving a triangular system of linear equations, Support Vector Machine – Introduction, Mechanism.	
4 - 9 July 22	The Vector Space: Linear combination, Span, The geometry of sets of vectors, Vector spaces, Linear systems, homogeneous and otherwise	
11 - 16 July 22	Matrix: Matrices as vectors, Column space and row space, Matrix-vector and vector-matrix multiplication in terms of linear combinations,	To get knowledge on the matrix as vector and column space and row space, and also the matrix vector multiplication in term of dot-products and matrix-vector production. futhure study the linear function and the basic coordinates system with unique representation. also the computation problem involving finding a basis. To get knowledge on Dimension and rank and Gaussian elimination.
18 -23 July 22	Matrix vector multiplication in terms of dot-products, Null space, Computing sparse matrix-vector product	
25 - 30 July 22	Linear functions, Matrix-matrix multiplication, Inner product and outer product, From function inverse to matrix inverse	
1 - 6 August 22	Basis: Coordinate systems, two greedy algorithms for finding a set of generators, Linear dependence, Basis, Unique representation,	
8 - 13 August 22	Change of basis, first look, Computational problems involving finding a basis	
15 - 20 August 22	Dimension: Dimension and rank, Direct sum, Dimension and linear functions, The annihilator	
22 -27 August 22	Gaussian elimination: Echelon form, Gaussian elimination over GF(2), Solving a matrix-vector equation using Gaussian elimination.	
29 - 30 August 22	Inner Product: The inner product for vectors over the reals, Orthogonality	
5 - 10 Sep. 22	Orthogonalization: Projection orthogonal to multiple vectors, projecting orthogonal to mutually orthogonal vectors,	



12 - 17 Sep. 22	Building an orthogonal set of generators, orthogonal complement	To study inner product and Orthogonalization and building an orthogonal complement. also to study the Eigenvalue and eigenvectors and properties and coordinates representation.
19 - 24 Sep. 22	Eigenvalues and Eigenvectors: Characteristic Polynomials of degree 2 and 3, Eigenvalues and eigenvectors	
26 Sep. - 1 Oct. 22	Properties of eigenvalues and eigenvectors, Cayley-Hamilton Theorem, Minimal Polynomial.	
3 - 8 Oct. 22	Coordinate representation in terms of eigenvectors, The Internet worm, Markov Chains, Google Page Rank algorithm	

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SETH HIRACHAND MUTHA COLLEGE OF ARTS & COMMERCE & SCIENCE

TEACHING PLAN (DEGREE COLLEGE) 2022-2023

Name of Teacher: Ashwini Daghmukh Class: SYCS /SEM-III Subject: Data structure

DATE FROM - TO	TOPICS TO BE COMPLETED	OBJECTIVE
15 - 18 June 2022	Abstract Data Type: Different Data Types, different types of data structures & their classifications, Introduction to ADT, Creating user-specific ADT	To study Abstract Data types and creating user-specific ADT. To get knowledge on the linked structures and the stack and queues operation.
20 - 25 June 22	Linked Structures: ADT for linked list, Advantages & Disadvantages, Singly Linked List-Traversing, Searching,	
27 June - 2 July 22	Prepending and Removing Nodes, applications of linked list like polynomial equation	
4 - 9 July 22	Stacks: Stack ADT for Stack, Advantages & Disadvantages, Applications of stack like balanced delimiter, prefix to postfix notation	
11 - 16 July 22	Queues: Queue ADT, Advantages & Disadvantages, linked representations, Circular Queue operations,	
18 - 23 July 22	Dequeues, applications of queue like job scheduling queues	
25 - 30 July 22	Doubly Linked list: ADT of doubly linked list, Advantages & Disadvantages, Insertion and deletion of nodes at various positions	To get knowledge on the Doubly Linked list and the insertion and deletion of the nodes, to study the various Trees properties and balanced BST, priority Queues and heaps and heapifying the element.
1 - 6 August 22	Trees: ADT for Tree Structure, Advantages & disadvantages, Binary Tree Properties, Implementation and Traversals, Binary Search Tree, Balanced BST	
8 - 13 August 22	Threaded Binary Trees, AVL Trees, Applications of Tree like Huffman Coding,	
15 - 20 August 22	Priority Queues & Heaps: Priority Queue, Priority Queue ADT, Advantages and Disadvantages	
22 - 27 August 22	Applications, Heaps, types of heaps, Heapifying the element,	
29 - 30 August 22	Graph: Introduction, Graph ADT, Advantages and Disadvantages, Graph Representation using adjacency matrix and adjacency list	
5 - 10 Sep. 22	Graph Traversals using BFS & DFS, Applications of Graphs like shortest path algorithms,	To study the Graph and matrix and adjacency list with the graph traversals. also the concept of the hashing and collision avoidance techniques.
12 - 17 Sep. 22	Hashing: Hash Table ADT, Advantages & Disadvantages	
19 - 24 Sep. 22	Concept of hashing, hash table, hash functions, collision,	
26 Sep. - 1 Oct. 22	collision avoidance techniques,	
3 - 8 Oct. 22	Applications of hashing	

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TEACHING PLAN (DEGREE COLLEGE) 2022-2023

Name of Teacher: Ashwini Deshmukh Class: SYCS /SEM- III Subject: Advanced Database Concepts

DATE FROM - TO	TOPICS TO BE COMPLETED	OBJECTIVE ARCHIVE
15 - 18 June 2022	Overview of PL/SQL: Advantages of PL/SQL, Main Features of PL/SQL, Architecture of PL/SQL	To study the overview of PL/SQL, also the Fundamental of it , control statements on it , then sequences creating, and static and Dynamic and DBMS_SQL package.
20 - 25 June 22	Fundamentals of PL/SQL: Character Sets, Lexical Units, Declarations, References to Identifiers, Scope and Visibility of Identifiers, Assigning Values to Variables, Expressions, Error-Reporting Functions, Data Types.	
27 June - 2 July 22	Control Statements: Conditional Selection Statements, LOOP Statements, Sequential Control Statements, GOTO, and NULL Statements.	
4 - 9 July 22	Sequences: creating sequences, referencing, altering, and dropping a sequence	
11 - 16 July 22	Stored Procedures and Functions: Procedures: Types and benefits of stored procedures, creating stored procedures,	
18 -23 July 22	executing stored procedures, altering stored procedures, viewing stored procedures. Functions: Calling function and recursion function.	
25 - 30 July 22	Collections and Records: Associative Arrays, Varrays (Variable-Size Arrays), Nested Tables, Collection Constructors, Assigning Values to Collection Variables, Multidimensional Collections, Collection Comparisons, Collection Methods,	This session is associated with the Arrays and Collection and Records ,collection type defined in package specification and also the Error Handling.
1 - 6 August 22	Collection Types Defined in Package Specifications, Record Variables, Assigning Values to Record Variables.	
8 - 13 August 22	Error Handling: Compile-Time Warnings, Overview of Exception Handling, Internally Defined Exceptions, Predefined Exceptions, User-Defined Exceptions,	
15 - 20 August 22	Redeclared Predefined Exceptions, Raising Exceptions Explicitly, Exception Propagation, Unhandled Exceptions	
22 -27 August 22	Cursors: Overview of Cursor, Types of cursors, Invalid cursor Exception.	
29 - 30 August 22	Static and Dynamic SQL: Static SQL:, Description of Static SQL, Cursors Overview, Processing Query Result Sets, Cursor Variables, CURSOR Expressions,	
5 - 10 Sep. 22	Transaction Processing and Control, Autonomous Transactions. Dynamic SQL: Native Dynamic SQL, DBMS_SQL Package, SQL Injection.	



12 - 17 Sep. 22	Triggers: Overview of Triggers, implementing triggers – creating triggers, Insert, delete, and update triggers, nested triggers, viewing, deleting, and modifying triggers, and enforcing data integrity through triggers	Here is the overview of the Triggers and Package and Transaction Management and Crash Recovery .
19 - 24 Sep. 22	Packages: Overview of a Package. Need of Packages, Package Specification, Package Body, Package Instantiation and Initialization.	
26 Sep. - 1 Oct. 22	Transaction Management: ACID Properties, Serializability, Two-phase Commit Protocol, Concurrency Control, Lock Management, Lost Update Problem, Inconsistent Read Problem, Read-Write Locks, Deadlocks Handling, Two Phase Locking protocol.	
3 - 8 Oct. 22	Crash Recovery: ARIES algorithm. The log-based recovery, recovery related structures like transaction and dirty page table, Write-ahead log protocol, check points, recovery from a system crash, Redo and Undo phases	

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SETH HIRACHAND MUTHA COLLEGE OF ARTS & COMMERCE & SCIENCE

TEACHING PLAN (DEGREE COLLEGE) 2022-2023

Name of Teacher:

Class: SYCS /SEM- III Subject: Java based Application Development

DATE	FROM - TO	TOPICS TO BE COMPLETED	OBJECTIVE ARCHIVE
9 - 12 Nov. 22		Introduction: History, Features of Java, Java Development Kit, Java Application Programming Interface, Java Virtual Machine Java Program Structure, Java Tokens.	To get the knowledge on the java and its feature and the history of java , to study the java development tool kit and also the java virtual machine and the objective of the oops , to basic study of oops concept and the various packages of oops also study the concept of the multithreading.
14 - 19 Nov. 22		OOPS: Introduction, Class, Object, Static Keywords, Constructors, this keyword, Inheritance, Inner class, Anonymous Inner class, super keyword,	
21 - 26 Nov. 22		Polymorphism (overloading and overriding), Abstraction, Encapsulation, Abstract Classes, Interfaces	
28 Nov. - 3 Dec. 22		Packages: Introduction to predefined packages, User Defined Packages, Access specifiers	
5 - 10 Dec. 22		Exception Handling: Introduction, Pre-Defined Exceptions, try-catch-finally, throws, throw, User Defined Exceptions	
12 - 17 Dec. 22		Multithreading: Thread Creations, Thread Life Cycle, Life Cycle Methods, Synchronization, v ait() notify() notify all() methods	
19 - 24 Dec. 22		Collection Framework: Introduction, java.util Package interfaces, List, Set, Map.	Into this section we study the list and interface and classes into the maps, further we study the list and the combo boxes also we study the method of event handling and the event model adapter classes, also we get to know the JDBC and the JDBC architecture.
26 - 31 Dec. 22		List interface & its classes, Set interface & its classes, Map interface & its classes.	
02 - 07 Jan. 2023		Introduction to JFC and Swing- Features of the Java Foundation Classes, Swing API Components, JComponent Class, Windows, Dialog Boxes, and Panels, Labels, Buttons, Check Boxes, Menus, Toolbars, Implementing Action interface, Pane, JScrollPane, Desktop pane, Scrollbars,	
09 - 14 Jan. 23		Lists and Combo Boxes, Text-Entry Components, Colors and File Choosers, Tables and Trees, Printing with 2D API and Java Print Service API.	
16 - 21 Jan. 23		Event Handling: Delegation Event Model, Events, Event classes, Event listener interfaces, Using delegation event model, adapter classes	
23 - 28 Jan. 23		JDBC: Introduction, JDBC Architecture, JDBC Drivers, JDBC Connectivity Model, java.sql package, Using Statement, PreparedStatement, CallableStatement, ResultSet, Scrollable and Updatable ResultSet,	
30 Jan. - 4 Feb. 23		Navigating and manipulating data, ResultSetMetaData, Managing Transactions in JDBC, JDBC Exception classes, BLOB & CLOB	



08 - 11 Feb. 23	Servlets: Introduction, Servlet Life Cycle, Types of Servlet, Servlet Configuration with Deployment Descriptor, Working with ServletContext and ServletConfig Object, Attributes in Servlet.	<p>Into this section we get know about the Servlets and the servlet context and configuration response and the redirection using request method, and java server page and also the study on JSP.</p>
13 - 18 Feb. 23	Response and Redirection using Request Dispatcher and using sendRedirect Method, Filter API, Manipulating Responses using Filter API.	
20 - 25 Feb. 23	Session Tracking: using Cookies, HTTPSessions, Hidden Form Fields and URL Rewriting, Types of Servlet Event: ContextLevel and SessionLevel.	
27 Feb. - 4 March 23	Java Server Pages (JSP): Introduction to JSP, Comparison with Servlet, JSP Architecture.	
07 - 11 March 23	Libraries, JSP Custom Tag, JSP Session Management, JSP Exception Handling, JSP CRUD Applications.	
13 - 18 March 23	JSP Overview, Syntax, DataTypes, Objects, Schema, Comparison with XML, JSP with Java	



SETH HIRACHAND MUTHA COLLEGE OF ARTS & COMMERCE & SCIENCE

TEACHING PLAN (DEGREE COLLEGE)2022-2023

Name of Teacher: Unnati Dhavore Class: SYCS /SEM- III Subject: Web Technologie

DATE FROM - TO	TOPICS TO BE COMPLETED	OBJECTIVE ARCHIVE
15 - 18 June 2022	HTML5: Fundamental Elements of HTML, Formatting Text in HTML, Organizing Text in HTML, Links and URLs in HTML	To study the fundamental elements of HTML, Links and URL in HTML tables in HTML and the various operation on CSS.
20 - 25 June 22	Tables in HTML, Images on a Web Page, Image Formats, Image Maps, Colors, FORMs in HTML,	
27 June - 2 July 22	Interactive Elements, Working with Multimedia - Audio and Video File Formats, HTML elements for inserting Audio / Video on a web page	
4 - 9 July 22	CSS: Understanding the Syntax of CSS, CSS Selectors, Inserting CSS in an HTML Document,	
11 - 16 July 22	CSS properties to work with background of a Page,	
18 -23 July 22	CSS properties to work with Fonts and Text Styles, CSS properties for positioning an element.	
25 - 30 July 22	JavaScript: Using JavaScript in an HTML Document, Programming Fundamentals of JavaScript – Variables, Operators, Control Flow Statements, Popup Boxes,	This session we study Using JavaScript in an HTML Document and various function of the JavaScript and also the Comparing yhe XML with HTML.
1 - 6 August 22	Functions – Defining and Invoking a Function, Defining Function arguments, defining a return Statement, Calling Functions with Timer,	
8 - 13 August 22	JavaScript Objects - String, RegExp, Math, Date, Browser Objects - Window, Navigator, History, Location, Document, Cookies, Document Object Model, Form Validation using JavaScript	
15 - 20 August 22	History, Location, Document, Cookies, Document Object Model, Form Validation using JavaScript	
22 -27 August 22	XML: Comparing XML with HTML, Advantages and Disadvantages of XML, Structure of an XML Document, XML Entity References,DTD	
29 - 30 August 22	.XSLT: XSLT Elements and Attributes - xsl:template, xsl:apply-templates, xsl:import, xsl:call-template, xsl:include, xsl:element, xsl:attribute, xsl:attribute-set, xsl:value-of	
5 - 10 Sep. 22	AJAX: AJAX Web Application Model, How AJAX Works,	AJAX web application model and XML and PHP and working with Database and the jQuery.
12 - 17 Sep. 22	XMLHttpRequest Object – Properties and Methods, handling asynchronous requests using AJAX	
19 - 24 Sep. 22	PHP: Variables and Operators, Program Flow, Arrays, working with Files and Directories,	
26 Sep. - 1 Oct. 22	working with Databases, Working with Cookies, Sessions and Headers	
3 - 8 Oct. 22	Introduction to jQuery: Fundamentals, Selectors, methods to access HTML attributes, methods for traversing, manipulators, events, effects.	

Unnati Dhavore
PROFITICS



SETH HIRACHAND MUTHA COLLEGE OF ARTS & COMMERCE & SCIENCE			
TEACHING PLAN (DEGREE COLLEGE)2022-2023			
Name of Teacher:		Class: SYCS /SEM- III Subject: Creative Content Writing	
DATE	FROM - TO	TOPICS TO BE COMPLETED	OBJECTIVE ARCHIVE
15 - 18 June 2022		Basics of Content writing: Introduction to Content Writing, Learning Tone in Writing and Its Types,	Introduction to basics of the content writing and tone in writing and its types, Best practices for writing for the web and making story elegant, and write with an attitude and things marketers write.
20 - 25 June 22		Comprehending style in writing and its Types, Common Grammatical Errors	
27 June - 2 July 22		Best Practices for Writing for the Web: Making our story Elegant, Professional	
4 - 9 July 22		Write with an Attitude, Keep Verbs Active, List Items, Chunk Information, Title and Subtitle, Organize for Your Audience.	
11 - 16 July 22		Things Marketers Write: The Ideal Length for Blog Posts,	
18 -23 July 22		Podcast, Facebook Posts, Tweets, and Other Marketing Content.	
25 - 30 July 22		Social Media Writing: Writing for Twitter, writing with Hashtags, Writing Social Media with Humor,	To study on the social media writing for twitter, facebook, LinkedIn and for email and studing for the Infographics
1 - 6 August 22		writing for Facebook, writing for LinkedIn, Writing Your LinkedIn Profile,	
8 - 13 August 22		writing for Email, Writing Landing Pages, Writing Headlines, writing a Home Page,	
15 - 20 August 22		Writing the About Us Page, Writing Better Blog Posts, Writing Annual Reports	
22 -27 August 22		Infographics: Visual Communication- What Are Infographics?,	
29 - 30 August 22		The Science of Visualization, Creating Infographics- Purpose,	
5 - 10 Sep. 22		The Art of Observation, Processing Your Ideas, Designing Your Infographics, Publishing Your Infographics.	Content tools for research and knowledge and management tools and productivity tools and editing tools and google Authorship and image source and also for the Ethical und legal aspect of content writing.
12 - 17 Sep. 22		Content Tools: Research and Knowledge Management Tools, Writing Tools,	
19 - 24 Sep. 22		Productivity Tools, Editing Tools, A Few Great Style Guides, Non-Text Writing Tools,	
26 Sep. - 1 Oct. 22		Blog Idea Generators, Google Authorship, Image Sources, Tools for Content Writing	
3 - 8 Oct. 22		Ethical and Legal aspects of content writing: Learn Legal English, Learn Legal Vocabulary In Legal Writing,	
		IPR Laws, and Copy writing,	
		Plagiarism laws in Content Writing	

[Signature]
HONORARY



**S.H. MUTHA COLLEGE OF ARTS, COMMERCE & SCIENCE,
KALYAN (W)**

TEACHING PLAN (2022-23)

Subject : अर्थशास्त्र (सूक्ष्म अर्थशास्त्र)

Paper No. : I

Class : F.Y.B.A. (SEM I)

Name of the Teacher: Ms. Pragati Shekate

DATE FROM-TO	TOPIC	
01 - 06 August 22	UNIT I. सूक्ष्म अर्थशास्त्राचा परिचय * सूक्ष्म अर्थशास्त्र: अर्थ, व्याप्ती, स्वरूप	
08 - 13 August 22	* सूक्ष्म अर्थशास्त्र: महत्त्व आणि मर्यादा * मूलभूत आर्थिक समस्या	* विषयाची आणि अभ्यास क्रमाची ओळख करून देणे. * सूक्ष्म अर्थशास्त्रची ओळख करून देणे.
15 - 20 August 22	* बाजाराच्या अर्थव्यवस्थेत किंमत यंत्रणेची भूमिका	* अर्थव्यवस्थेतील मार्फत आर्थिक मूलभूत आर्थिक समस्या अभ्यासणे.
22 -27 August 22	* सकारात्मक अर्थशास्त्र आणि सामान्य अर्थशास्त्र * आर्थिक विश्लेषणाची मूलभूत साधने - समीकरण	* अर्थशास्त्रातील मूलभूत विश्लेषणाची साधने अभ्यासाने. * योग्य रीतीने मांडणी व सुबक आकृती द्वारे स्पष्ट करणे
29 - 30 August 22	* आर्थिक विश्लेषणाची मूलभूत साधने - फलन, आलेख, आकृती	
05 - 10 Sep. 22	* आर्थिक विश्लेषणाची मूलभूत साधने - रेखा, उतार आणि व्यत्यय	
12 - 17 Sep. 22	UNIT II : अर्थशास्त्राची दहा तत्त्वे * व्यक्तींना सामोरे जावे लागणारे सममूल्यन	* अर्थव्यवस्थेवर वेगवेगळ्या घटकांचा प्रभाव कशाप्रकारे असतो हे विश्लेषण करणे. * अर्थव्यवस्थेशी निगडित एकूण दहा तत्वांचा अभ्यास करणे.

Pragati Shekate



	* व्यापार निर्णय घेताना वैकल्पिक खर्चाचे महत्त्व	* तत्त्वांचे योग्य प्रकारे मांडणी करणे. * सुबक आकृत्यांच्या सहाय्याने स्पष्टीकरण करणे.
19 - 24 Sep. 22	* सीमांततेचा विचार * प्रोत्साहनांना प्रतिसाद	
26 Sep. - 01 Oct. 22	* विनिमयाचे फायदे	
03 - 08 Oct. 22	* बाजार आणि त्याचे फायदे यांच्याद्वारे आर्थिक क्रियाकलापांचे आयोजन	
10 - 15 Oct. 22	* बाजार परिणाम सुधारण्यात सरकारची भूमिका	
17 - 21 Oct. 22	* उत्पादनावर राहणीमानाचे अवलंबन * पैशाच्या प्रमाणात वाढ	
22 Oct. - 07 Nov. 22	Diwali Vacation	
09 - 12 Nov. 22	* महागाई आणि बेरोजगारी व्यापार बंद	
14 - 19 Nov. 22	Revision Lectures	* संपूर्ण अभ्यासक्रमाचा मुद्देसूद सराव करण्यात आला.

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S.H. MUTHA COLLEGE OF ARTS, COMMERCE & SCIENCE, KALYAN (W)**TEACHING PLAN (2022-23)**

Subject : Micro Economics

Paper No. I

Class : FYBA (Sem-I)

Name of the Teacher: Ms. Darshana A. Deshmukh

DATE FROM-TO	TOPIC TO BE COMPLETED	Objectives
1 - 6 August 22	बाजार, मागणी आणि पुरवठा बाजार - संकल्पना, स्पर्धा - संकल्पना मागणी वक्र - बाजार मागणी विरुद्ध वैयक्तिक मागणी	1. वेगवेगळी उदाहरणे देऊन संकल्पना स्पष्ट करणे. 2. सूत्रे सोप्या पद्धतीने शिकवणे. 3. बाजार, मागणी, पुरवठा इ. चे दैनंदिन जीवनातील महत्व समजावून सांगणे. 4. विविध संकल्पनांचा आपण व्यवहारात कुठे कुठे अनुभव घेतो हे विद्यार्थ्यांकडून जाणून घेणे.
8 - 13 August 22	मागणी वक्रातील विचलन मागणी वक्रातील बदल	
15 - 20 August 22	पुरवठा वक्र - बाजार पुरवठा विरुद्ध वैयक्तिक पुरवठा पुरवठा वक्रातील बदल	
22 - 27 August 22	बाजार समतोल - समतोल विश्लेषणाच्या तीन पायऱ्या मागणीची किंमत लवचिकता	
29 - 30 August 22	मागणीच्या किंमत लवचिकता मोजण्याच्या पद्धती - i) एकूण उत्पादन पद्धती ii) शेकडेवारी पद्धती	
5 - 10 Sep. 22	iii) बिंदू पद्धती मागणीची उत्पन्न लवचिकता - संकल्पना	
12 - 17 Sep. 22	तिरकस मागणीची लवचिकता प्रचारात्मक मागणीची लवचिकता	
19 - 24 Sep. 22	उपभोक्त्यांची वर्तणूक संख्यात्मक व क्रमवाचक	
26 Sep. - 1 Oct. 22	समवृत्ती वक्र विश्लेषण - वैशिष्ट्ये	
3 - 8 Oct. 22	अर्धसंकल्प मर्यादा, उपभोक्त्यांचा समतोल	
10 - 15 Oct. 22	उत्पन्न परिणाम	
17 - 21 Oct. 22	किंमत उपभोग वक्रावरून मागणी वक्र काढणे	
22 Oct.-07 Nov. 22	Diwali Vacation	
09 - 12 Nov. 22	उपभोक्त्यांचे संतोषाधिक्य : प्रबलक्रमी पसंतीक्रम व अबलक्रमी पसंतीक्रम	
14 - 19 Nov. 22	Revision	

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SETH HIRACHAND MUTHA COLLEGE OF ARTS & COMMERCE & SCIENCE
TEACHING PLAN (DEGREE COLLEGE) 2022-23

Name of Teacher: Ashwini Deshmukh Class: TYIT /SEM-V Subject: Soft. Proj. Mang. /P-I

DATE FROM - TO	TOPICS TO BE COMPLETED	OBJECTIVE ARCHIVE
15 - 18 June 2022	UNIT I Introduction to Software Project Management: Introduction, Why is Software Project Management Important? What is a Project? Software Projects versus Other Types of Project, Contract Management and Technical Project Management, Activities Covered by Software Project Management, Plans, Methods and Methodologies, Some Ways of Categorizing Software Projects, Project Charter, Stakeholders, Setting Objectives, The Business Case, Project Success and Failure,	Introduction to Software Project Management 1. Project Evaluation and Programme Management 2. An Overview of Project Planning The successful development and implementation of all project's procedures. A project, regardless of its size, generally involves five distinctive phases of equal importance: Initiation, Planning and Design, Construction and Execution, Monitoring and Control, Completion. The smooth and uninterrupted development and execution of all the above phases ensures the success of a project.
20 - 25 June 22	What is Management? Management Control, Project Management Life Cycle, Traditional versus Modern Project Management Practices. Project Evaluation and Programme Management: Introduction, Business Case, Project Portfolio Management, Evaluation of Individual Projects, Cost-benefit Evaluation Techniques, Risk Evaluation, Programme Management, Managing the Allocation of Resources within Programmes, Strategic Programme Management, Creating a Programme, Aids to Programme Management, Some Reservations about Programme Management, Benefits Management.	
7 June - 2 July 2	An Overview of Project Planning: Introduction to Step Wise Project Planning, Step 0: Select Project, Step 1: Identify Project Scope and Objectives, Step 2: Identify Project Infrastructure, Step 3: Analyse Project Characteristics, Step 4: Identify Project Products and Activities, Step 5: Estimate Effort for Each Activity, Step 6: Identify Activity Risks, Step 7: Allocate	
4 - 9 July 22	UNIT :II Selection of an Appropriate Project Approach: Introduction, Build or Buy? Choosing Methodologies and Technologies, Software Processes and Process Models, Choice of Process Models, Structure versus Speed of Delivery, The Waterfall	project manager can continuously evaluate the needs of the client for which the project is being carried out and therefore better achieve the end results that are required. A systems approach to project management looks at all of the elements of a project as dependent on each other. Goals and milestones are set throughout the project and their achievements are very important.
11 - 16 July 22	Scrum, Lean Software Development, Managing Iterative Processes, Selecting the Most Appropriate Process Model. Software Effort Estimation: Introduction, Where are the Estimates Done? Problems with Over- and Under-Estimates, The Basis for Software Estimating, Software Effort Estimation Techniques, Bottom-up Estimating, The Top-down Approach and Parametric Models, Expert Judgement, Estimating by Analogy, Albrecht Function Point Analysis, Function Points Mark II, COSMIC Full Function Points, COCOMO II: A Parametric Productivity Model, Cost Estimation, Staffing Pattern,	
18 -23 July 22	JavaScript Objects - String, RegExp, Math, Date, Browser Objects - Window, Navigator, History, Location, Document, Cookies, Document Object Model, Form Validation using	
25 - 30 July 22	UNIT III Activity Planning: Introduction, Objectives of Activity Planning, When to Plan, Project Schedules, Projects and Activities, Sequencing and Scheduling Activities, Network Planning Models, Formulating a Network Model, Adding the Time Dimension,	The objectives of activity planning. This co-ordination will normally form part of Programme Management. In addition to providing project and resource schedules, activity planning aims to achieve a number of other objectives which may be summarized as follows.



1 - 6 August 22	The Forward Pass, Backward Pass, Identifying the Critical Path, Activity Float, Shortening the Project Duration, Identifying Critical activities, Activity-on-Arrow Networks, Risk Management: Introduction, Risk Categories of Risk	• completing the project in a minimum time at an acceptable cost One effective way of shortening project duration is to carry out activities in parallel
8 - 13 August 22	Resource Allocation: Introduction, Nature of Resources, Identifying Resource Requirements, Scheduling Resources, Creating Critical Paths, Counting the Cost, Being Specific,	
15 - 20 August 22	UNIT IV	The project management monitoring and controlling starts as soon as a project begins. Monitoring and controlling project work is the process of tracking, reviewing, and regulating the progress in order to meet the performance objectives. It is the fourth process group in Project Management.
22 - 27 August 22	Managing Contracts: Introduction, Types of Contract, Stages in Contract Placement, Typical Terms of a Contract, Contract Management, Acceptance.	
29 - 30 August 22	Managing People in Software Environments: Introduction, Understanding Behaviour, Organizational Behaviour: A Background, Selecting the Right Person for the	
5 - 10 Sep. 22	UNIT V Working in Teams: Introduction, becoming a Team, Decision Making, Organization and Team Structures, Coordination Dependencies, Dispersed and Virtual Teams, Communication Genres, Communication Plans, Leadership.	
12 - 17 Sep. 22	Software Quality: Introduction, The Place of Software Quality in Project Planning, Importance of Software Quality, Defining Software Quality, Software Quality Models, ISO 9126, Product and Process Metrics, Product versus Process Quality	learn how the Project team members are the individuals who actively work on one or more phases of the project. They may be in-house staff or external consultants, working on the project on a full-time or part-time basis. Team member roles can vary according to each project.
19 - 24 Sep. 22	Project Closeout: Introduction, Reasons for Project Closure, Project	
26 Sep. - 1 Oct. 22	Methods to access HTML attributes, methods for traversing, manipulators, events, effects	
3 - 8 Oct. 22	Project.	

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S.H. MUTHA COLLEGE OF ARTS ,COMMERCE & SCIENCE.KALYANL(W)		
TEACHING PLAN(2022-2023)		
Subject: Internet of Things		Paper No. P-II USIT502
Class :TYIT (SEM V)		Name of the Teacher: Unnati Dhavare
DATE FROM-TO	TOPIC TO BE COMPLETED	OBJECTIVES
15 - 18 June 2022	Unit 1.The Internet of Things: An Overview : The Flavour of the Internet of Things, The "Internet" of "Things", The Technology of the Internet of Things, Enchanted Objects.Who is Making the Internet of Things?	understand the concept of IOT Application of Iot Future of IOT
20 - 25 June 22	Design Principles for Connected Devices:Calm and Ambient Technology, Magic as Metaphor, Privacy, Keeping Secrets, Whose Data Is It Anyway?	
27 June - 2 July 22	Web Thinking for Connected Devices, Small Pieces, Loosely Joined, First-Class Citizens On The Internet, Graceful Degradation, Affordances.	
4 - 9 July 22	Internet Principles: Internet Communications: An Overview, IP, TCP, The IP Protocol Suite (TCP/IP), UDP, IP Addresses, DNS, Static IP Address Assignment	
11 - 16 July 22	Dynamic IP Address Assignment, IPv6, MAC Addresses, TCP and UDP Ports, An Example: HTTP Ports, Other Common Ports, Application Layer Protocols, HTTP,HTTPS: Encrypted HTTP, Other Application Layer Protocols.	
18 -23 July 22	Unit 2 Thinking About Prototyping:Sketching, Familiarity, Costs versus Ease of Prototyping, Prototypes and Production, Changing Embedded Platform, Physical Prototypes and Mass Personalisation, Climbing into the Cloud, Open Source versus Closed Source, Why Closed?	learn about the prototyping model,learning about the concept actuator,sensors and electronics embedded
25 - 30 July 22	Why Open? Mixing Open and Closed Source, Closed Source for Mass Market Projects, Tapping into the Community.	
1 - 6 August 22	Unit 3 Prototyping Embedded Devices:Electronics, Sensors, Actuators, Scaling Up the Electronics, Embedded Computing Basics	



8 - 13 August 22	Microcontrollers, System-on-Chips, Choosing Your Platform, Arduino, Developing on the Arduino, Some Notes on the Hardware, Openness, Raspberry Pi, Cases and Extension Boards,	learn about the microcontrollers, SOC, hardware about the Raspberry Pi. Non digital methods of prototyping ,3 D printing ,laser cutting hinges joints etc learning about the protocols used in IOT, APIs
15 - 20 August 22	Developing on the Raspberry Pi, Some Notes on the Hardware, Openness.	
22 -27 August 22	Prototyping the Physical Design: Preparation, Sketch, Iterate, and Explore,	
29 - 30 August 22	Nondigital Methods, Laser Cutting, Choosing a Laser Cutter,	
5 - 10 Sep. 22	Software, Hinges and Joints, 3D Printing	
12 - 17 Sep. 22	Types of 3D Printing, Software, CNC Milling, Repurposing/Recycling.	
19 - 24 Sep. 22	Prototyping Online Components	
26 Sep. - 1 Oct. 22	Getting Started with an API, Mashing Up APIs, Scraping, Legalities	
3 - 8 Oct. 22	Writing a New API, Clockodillo, Security	
	Implementing the API, Using Curl to Test, Going Further, Real-Time Reactions,	
27OCT-02NOV	Polling, Comet, Other Protocols, MQ Telemetry Transport	
	Revision	



SETH HIRACHAND MUTHA COLLEGE OF ARTS & COMMERCE & SCIENCE
TEACHING PLAN (DEGREE COLLEGE) 2022-2023

Name of Teacher: **Mallika Hegade** Class: **TYIT**
SEM-V Subject: **Advanced Web Programming**

DATE FROM - TO	TOPICS TO BE COMPLETED	OBJECTIVE
15 - 18 June 2022	Introducing .NET: The .NET Framework, C#, VB, and the .NET Languages, The Common Language Runtime, The .NET Class Library. The C# Language: C# Language Basics, Variables and Data Types, Variable Operations, Object-Based Manipulation, Conditional Logic, Loops, Methods.	To provide insight into emerging technologies to design and develop state-of-the-art web applications using .NET, C#, and Web Controls
20 - 25 June 22	Types, Objects, and Namespaces: The Basics About Classes, Building a Basic Class, Value Types and Reference Types, Understanding Namespaces and Assemblies, Advanced Class Programming	
27 June - 2 July 22	Web Form Fundamentals: Writing Code, Using the Code-Behind Class, Adding Event Handlers, Understanding the Anatomy of an ASP.NET Application, Introducing Server Controls, Using the Page Class,	
4 - 9 July 22	Using Application Events, Configuring an ASP.NET Application. Form Controls: Stepping Up to Web Controls,	
11 - 16 July 22	Web Control Classes, List Controls, Table Controls, Web Control Events and AutoPostBack.	
18 - 23 July 22	Validation, Understanding Validation, Using the Validation Controls, Rich Controls,	To design valid, well-formed, scalable, and meaningful pages using emerging technologies. Understand the various platforms, techniques, cookies, exceptions, and browsers that render websites
25 - 30 July 22	The Calendar, The AdRotator, Pages with Multiple Views, User Controls and Graphics, User Controls,	
1 - 6 August 22	Dynamic Graphics, The Chart Control, Website Navigation: Site Maps, URL Mapping and Routing, The SiteMapPath Control, The TreeView Control, The Menu Control	
8 - 13 August 22	Error Handling, Logging, and Tracing: Avoiding Common Errors, Understanding Exception Handling, Handling Exceptions,	
15 - 20 August 22	Throwing Your Own Exceptions, Using Page Tracing State Management: Understanding the Problem of State, Using View State,	
22 - 27 August 22	Transferring Information Between Pages, Using Cookies, Managing Session State, Configuring Session State, Using Application State,	
29 - 30 August 22	Comparing State Management Options Styles, Themes, and Master Pages: Styles, Themes, Master Page Basics, Advanced Master Pages,	



5 - 10 Sep. 22	ADO.NET Fundamentals: Understanding Databases, Configuring Your Database, Understanding SQL Basics.
12 - 17 Sep. 22	Understanding the Data Provider Model, Using Direct Data Access, Using Disconnected Data Access. Data Binding: Introducing Data Binding.
19 - 24 Sep. 22	Using Single-Value Data Binding, Using Repeated-Value Data Binding, Working with Data 12 10 Source Controls, The Data Controls: The GridView, Formatting the GridView, selecting a GridView Row,
26 Sep. - 1 Oct. 22	Editing with the GridView, Sorting and Paging the GridView, Using GridView Templates, The DetailsView and FormView
3 - 8 Oct. 22	XML: XML Explained, The XML Classes, XML Validation, XML Display and Transforms. Security Fundamentals: Understanding Security Requirements, Authentication and Authorization, Forms Authentication, Windows Authentication.

To develop and implement client-side and server-side scripting language programs. To develop and implement Database Driven Websites. Design and apply XML to create a markup language for data and document centric applications.



SETH HIRACHAND MUTHA COLLEGE OF ARTS & COMMERCE & SCIENCE
TEACHING PLAN (DEGREE COLLEGE)2022-23

Name of Teacher: Vaishali Vispute Class: TYIT /SEM-V Subject: Linux System Administration

DATE FROM-TO	TOPICS TO BE COMPLETED	OBJECTIVE ARCHIVE
15 - 18 June 2022	Introduction to Software Project Management Introduction, Why is Software Project Management Important? What is a Project? Software Projects versus Other Types of Project, Contract Management and Technical Project Management, Activities Covered by Software Project Management, Plans, Methods and Methodologies, Some Ways of Categorizing Software Projects, Project Charter, Stakeholders, Setting Objectives, The Business Case, Project Success and Failure.	Introduction to Software Project Management 1. Project Evaluation and Programme Management 2. An Overview of Project Planning The successful
20 - 25 June 22	Command Line: Working with the Bash Shell, Getting the Best of Bash, Useful Bash Key Sequences, Working with Bash History, Performing Basic File System Management Tasks, Working with Directories, Piping and Redirection, Finding Files	
27 June - 2 July	System Administration Tasks: Performing Job Management Tasks, System and Process Monitoring and Management, Managing Processes with ps, Sending Signals to Processes with the kill Command, using top to Show Current System Activity, Managing Process Niceness, Scheduling Jobs, Mounting Devices, Working with Links, Creating Backups,	
4 - 9 July 22	Managing Printers, Setting Up System Logging, Setting Up Rsyslog, Common Log Files, Setting Up Logrotate	project manager can continuously evaluate the need
11 - 16 July 22	Managing Software: Understanding RPM, Understanding Meta Package Handlers, Creating Your Own Repositories, Managing Repositories, Installing Software with Yum, Querying Software, Extracting Files from RPM Packages	
18 -23 July 22	Volumes, Resizing Logical Volumes, Working with Snapshots, Replacing Failing Storage Devices, Creating Swap Space, Working with Encrypted Volumes	



25 - 30 July 22	Configuring and Managing Storage: Understanding Partitions and Logical Volumes, Creating Partitions, Creating File Systems, File Systems Overview, Creating File Systems, Changing File System Properties, Checking the File System Integrity, Mounting File Systems Automatically Through fstab, Working	The objectives of activity planning. This co-ordinat
1 - 6 August 22	Connecting to the Network: Understanding NetworkManager, Working with Services and Runlevels, Configuring the Network with NetworkManager, Working with system-config-network, NetworkManager Configuration Files, Network Service Scripts, Networking from the Command Line	
8 - 13 August 22	Working with Users, Groups, and Permissions: Managing Users and Groups, Commands for User Management, Managing Passwords, Modifying and Deleting User Accounts, Configuration Files, Creating Groups, Using Graphical Tools for User, and Group Management, Using External Authentication Sources, the Authentication Process, sssd, nsswitch, Pluggable Authentication Modules, Managing P	
15 - 20 August 22	Trusted Interfaces, Masquerading, Configuration Files, Setting Up a Firewall with iptables, Tables, Chains, and Rules, Composition of Rule, Configuration Example, Advanced iptables Configuration, Configuring Logging, The Limit Module, Configuring NAT	The project management monitoring and controllin
22 - 27 August 22	Securing Server with iptables: Understanding Firewalls, Setting Up a Firewall with system-config-firewall, Allowing Services,	
29 - 30 August 22	Securing Server with iptables: Understanding Firewalls, Setting Up a Firewall with system-config-firewall, Allowing Services,	
5 - 10 Sep. 22	Setting Up a Mail Server: Using the Message Transfer Agent, the Mail Delivery Agent, the Mail User Agent, Setting Up Postfix as an SMTP Server	
12 - 17 Sep. 22	Working with Mutt, Basic Configuration, Internet Configuration, Configuring Dovecot for POP and IMAP	

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S.H. MUTHA COLLEGE OF ARTS, COMMERCE & SCIENCE, KALYAN (W)

TEACHING PLAN (2022-23)

Subject: BUSINESS LAW

Name of the Teacher: ANJALI DINGRA

Class : FYBAF (SEM - II)

DATE FROM-TO	TOPIC TO BE COMPLETED	Objectives
07 - 10 Dec. 22	MODULE I : LAW OF CONTRACT, 1872 a) Nature of Contract b) Classification of Contracts	To introduce students with the basic meaning of the subject & topic i.e., what is Indian Contract Act 1872, how it came into force and classification of contracts.
12 - 17 Dec. 22	Sport & Cultural Event	-
19 - 24 Dec. 22	Sport & Cultural Event	-
26 Dec.22 - 01 Jan. 23	Christmas Vacation	-
02 - 07 Jan. 2023	(c) Offer and Acceptance (d) Capacity of Parties to Contract (e) Free Consents	To disseminate knowledge on well known terms of ICA i.e, offer, acceptance, free consent & which parties can enter into contract.
09 - 14 Jan. 23	(f) Consideration (g) Legality of Object (h) Agreement Declared Void (i) Performance of Contract	To teach various important concepts like what is consideration, legality of object, agreement declared void, and various modes of performance of contract.
16 - 21 Jan. 23	(j) Discharge of Contract (k) Remedies for Breach of Contract	To provide deep insight knowledge on how contracts can be discharged & remedies available for breach of contract.
23 - 28 Jan. 23	(l) Indemnity (m) Guarantee	To teach with practical examples and case studies based on concepts like Indemnity & guarantee, Bailment & Pledge, contract of Agency.

Anjali

ARTS COMMERCE

I/C Principal
S.H. Mutha College of
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30 Jan. - 4 Feb. 23	(n) Bailment and Pledge (o) Agency	To teach bailment pledge and related concepts.
06 - 11 Feb. 23	MODULE II : SALE OF GOODS ACT, 1930 (a) Formation of Contract of Sale (b) Goods and their Classifications	To introduce and teach basic concepts of Sale of Goods Act, 1930. To teach how a contract of sale is to be formed in practical life.
13 - 18 Feb. 23	(c) Price, Conditions and Warranties (d) Transfer of Properties in Goods (e) Performance of Contract of Sales	To render deep knowledge on small important concepts like price, condition & warranties, transfer of properties in goods & performance of contract of sale.
20 - 25 Feb. 23	(f) Unpaid Seller and his Rights (g) Sale by Auction (h) Hire Purchase Agreement	To teach with case studies concept of unpaid seller and his rights, sale by auction & hire purchase agreement.
27 Feb. - 4 March 23	MODULE III : Negotiable Instrument Act 1881 (a) Definition of Negotiable Instruments (b) Features of Negotiable Instruments (c) Promissory Note	To teach basic concepts of NI Act 1881 i.e., Definition, features, What is a promissory note with actual proforma practice.
07 - 11 March 23	(d) Bill of Exchange and Cheque (e) Holder and Holder in due Course (f) Crossing of a Cheque	To disseminate knowledge on what is BOE & cheque, who is holder in due course & various important things about cheque.
13 - 18 March 23	(g) Types of Crossing (h) Dishonour and Discharge of Negotiable Instruments	To show proformas of different types of crossing on cheque and to give deep insight on dishonor and discharge of NI.
20 - 25 March 23	MODULE IV : Consumer Protection Act, 2019. (g) Salient Features (h) Definition of consumers.	To teach students amended consumer protection Act 2019, salient features and various new amendments now introduced in the Act. Definition of who is consumer and who is not consumer as per the Act.
27 March - 01 April 23	(c) Deficiency in Service (d) Defects in Goods	To render knowledge of deficiency in services and defects in goods in detail with practical case studies.
03 - 08 April 23	Doubt clearing sessions and Quick Revision of previous topics.	To solve doubts and queries and last minute quick revision of concepts for examination purpose.
10 - 15 April 23	Exams	-

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SETH HIRACHAND MUTHA COLLEGE OF ARTS, COMMERCE & SCIENCE

TEACHING PLAN 2022-23

Name of the Teacher: Sushmita Soni

Class: FYBAF

Subject: Auditing

Sem: II

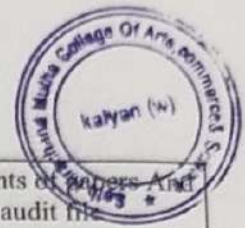
DATE FROM TO	TOPICS TO BE COMPLETED	OBJECTIVES
07 - 10 Dec. 22	Introduction to Auditing A. Basics – Financial Statements, Users of Information, Definition of Auditing, Objectives of Auditing, Inherent limitations of Audit, Difference between Accounting and Auditing, Investigation and Auditing.	To understand about the what is audit , its objective , error s frauds , duties and responsibilities of auditor
12 - 17 Dec. 22	Errors & Frauds – Definitions, Reasons and Circumstances, Types of Error, Types of frauds, Risk of fraud and Error in Audit, Auditors Duties and Responsibilities in case of fraud.	
19 - 24 Dec. 22	SPORTS AND CULTURAL EVENTS	
26 - 31 Dec. 22	CHRISTMAS VACATION	
02 - 07 Jan. 2023	Principles of Audit, Materiality, True and Fair view, Types of Audit – Meaning, Advantages, Disadvantages of Balance sheet Audit, Interim Audit, Continuous Audit, Concurrent Audit and Annual Audit, Statutory Audit	To clear the concept of advantages and disadvantages of auditing , Planning and procedure , documentation , types of audit
09 - 14 Jan. 23	Audit Planning, Procedures and Documentation A. Audit Planning – Meaning, Objectives, Factors to be considered, Sources of obtaining information,	
16 - 21 Jan. 23	Audit Program – Meaning, Factors, Advantages and Disadvantages, Overcoming	To guide the students regarding the audit program , audit working papers

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23 - 28 Jan. 23	Audit Working Papers – Meaning, importance, Factors determining Form and Contents, Main Functions / Importance, Features,	contents of papers and types audit file
30 Jan. - 4 Feb. 23	Contents of Permanent Audit File, Temporary Audit File, Ownership, Custody, Access of Other Parties to Audit Working Papers	
06 - 11 Feb. 23	Auditing Techniques and Internal Audit Introduction	To understand about the, audit sampling , sample size types of risk , evaluation of sample
13 - 18 Feb. 23	Audit Sampling – Audit Sampling, meaning, purpose, factors in determining sample size – Sampling Risk, Tolerable Error and expected error	
20 - 25 Feb. 23	methods of selecting Sample Items Evaluation of Sample Results auditors Liability in conducting audit based on Sample	
27 Feb. - 4 March 23	Internal Control – Meaning and purpose, review of internal control, advantages, auditors duties, review of internal control, Inherent Limitations of Internal control	To clear the concept of Internal control , what is that , advantages and disadvantages, internal control samples for sales and debtors , salaries and wages
07 - 11 March 23	Internal control samples for sales and debtors, purchases and creditors, wages and salaries. Internal Checks Vs Internal Control, Internal Checks Vs Test Checks.	
13 - 18 March 23	Internal Audit : Meaning, basic principles of establishing Internal audit, objectives	About the internal audit , principles regarding the internal audit , external audit , etc
20 - 25 March 23	Evaluation of internal Audit by statutory auditor, usefulness of Internal Audi	
27 March - 01 April 23	Internal Audit Vs External Audit, Internal Checks Vs Internal Audit	

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SETH HIRACHAND MUTHA COLLEGE OF ARTS, COMMERCE &
SCIENCE

TEACHING PLAN (2022-2023)

Name of the Teacher: SUSHMITA SONI

Class: TYBCOM

Subject: Business Economics IV (International Economics) Sem:VI

DATE FROM - TO	TOPICS TO BE COMPLETED	OBJECTIVES
14-19 Nov 22	Introduction to international trade & Theories of International Trade : Ricardo's Theory of Comparative Costs and the Heckscher - Ohlin Theory	To understand the concept of International Trade
21 - 26 Nov 22	Terms of trade and its types and limitation	To Understand the terms of trade and its types
28 Nov 3 Dec 22	Gains from international trade- offer curves and reciprocal demand	To understand the gains from international trade.
05-10 Dec 22	Commercial trade policy, free trade and protection and its pros and cons	To understand the trade policy and its pros and cons
12 - 17 Dec 22	Tariff and non- tariff barriers and its types & effects.	Importance of Tariff and non- tariff barriers and its types & effects.
19- 24 Dec 22	Sports and cultural Event	
26 - 31 Dec 22	Christmas Vacation	

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WORLD COMMERCE

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02-07 Jan 23	International economics integration and its types and objectives: EU and Brexit, ASEAN	To understand the International economics integration
09 - 14 Jan. 23	Balance of payment and International Economic Organisation its structure and types of disequilibrium	To Know the India 's Balance of payments.
16 - 21 Jan. 23	Causes and measures to correct the disequilibrium in BOP	To know detail what Causes and measures of BOP
23 -28 Jan 23	WTO: Recent developments in TRIPS, TRIMS & GATS	To know the Recent developments in TRIPS, TRIMS & GATS
30 Jan. - 4 Feb. 23	Introduction to Foreign exchange market	To clear the concept of foreign exchange market
06-11 Feb 23	Introduction to Foreign exchange market and its function	To get to know in details of FEM
13-18 Feb 23	Determination of equilibrium rate of exchange	To understand the determination of equilibrium rate of exchange
20-25 Feb 23	Purchasing power parity theory, Spot and forward rate and arbitrage	To understand the PPP,SR and FR and arbitrage.
27-4 March 23	Role of central bank in foreign exchange rate management	To understand the role of central bank in FER Management
07-11 March 23	Managed flexible exchange rate system in India.	To understand different money market I.e Managed flexible exchange rate system in India
13 - 18 March 23	Revision/ Test	

Dr. Anil

HOD COMMERCE

UC Principal
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Kalyan (W)

Dr. Anil

HOD COMMERCE



SETH HIRACHAND MUTHA COLLEGE OF ARTS, COMMERCE & SCIENCE.
KALYAN (W)
TEACHING PLAN (2022-23)
CLASS-TYBCOM



Subject: Purchasing And Storekeeping

Teacher: Ms. Tabassum Tamboli

DATE FROM - TO	TOPICS TO BE COMPLETED	OBJECTIVES
14-19 Nov 22	Storekeeping and Materials Handling Storekeeping: Concept, Meaning, Objective, Functions, Types, Stages, Duties and responsibilities of storekeeper	To enhance and motivate students towards importance of storekeeping
21 - 26 Nov 22	Storekeeping and Materials Handling Material handling: Objectives, Advantages and principles, Protection and preservation of material Store location and layout: Location, factors influencing it, Objectives, Principles and types of store layout	To provide knowledge of material handling, Store location and layout
28 Nov- 3 Dec22	Store Accounting - Importance of Store Accounting & Issue Section - Advantages of Stores Accounting System - Documents maintained	To provide knowledge of Store Accounting
05-10 Dec 22	Issue Section – Methods of valuation of materials - Control of material cost - Valuation of purchases - Material handling section – objectives, principles and advantages 10 - Codification – features, methods and advantages - Goods received note material, return note, material transfer note	To provide knowledge of Store Accounting issue section.
12 - 17 Dec 22	Materials control activities and functions Identifiable cost method – uses and applicability - Methods of valuation of materials – meaning, advantages, disadvantages - FIFO method - LIFO method	To provide knowledge of Materials control activities
19- 24 Dec 22	Sports and cultural Event	
26 - 31 Dec 22	Christmas Vacation	

Principal
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HOOD COMMERCE

HOOD COMMERCE

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S.H. Martha College of Arts Commerce & Science
Kalyan (W)



02-07 Jan 23	Materials control activities and functions Identifiable cost method - Simple average method - Weighted average method - Deficiencies and surplus at stock materials - Stock taking and stock audit - Documentation - Lead time – meaning and classification	To provide knowledge of Materials control activities - Simple average method - Weighted average method - Deficiencies and surplus at stock materials - Stock taking and stock audit - Documentation - Lead time – meaning and classification
09 - 14 Jan. 23	Module – III Inventory Control - Inventory levels – various stock levels -	To provide knowledge of Inventory Control - Inventory levels – various stock levels - Maximum level, Average Stock level, Re-order level, Minimum level
16 - 21 Jan. 23	-Maximum level, Average Stock level, Reorder level	
23 - 28 Jan 23	Minimum level - Meaning of Inventory control, objectives of Inventory control -	
30 Jan. - 4 Feb. 23	Essentials of successful inventory - control system	
06-11 Feb 23	Module – III Inventory ContrActivities of Inventory of control techniques	To provide knowledge of Perpetual Inventory control system - Importance and advantages - Selective in techniques of Inventory control
13-18 Feb 23	Perpetual Inventory control system -	
20-25 Feb 23	Importance and advantages - Selective in techniques of Inventory control	
27-4 March 23	Module – III Inventory Control Value analysis / Cost reduction techniques –	To provide knowledge of Cost reduction techniques
07-11 March 23	steps - ABC analysis - Zero inventory culture - Economics order quantity – methods and importance	
13 - 18 March 23	Revision	

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