SVRK GOVERNMENT DEGREE COLLEGE (M), NIDADAVOLE
TABLE-A -CURRICULAR PLAN - LECTURER WISE

Department: COMPUTER APPLICATIONS **Year: 2021-2022**

Name of the Lecturer: M.VEERA KALYANI **Class: I Bcom SEM-II** **Paper: II E-COMMERCE AND WEB DESIGNING**

Serial Number	Week	Hours available	Syllabus Topic (as per the university)	Additional Input (or) Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
					Activity	Hours Allotted	Whether Conducted	If not Alternate date	Activity	Hours allotted	Whether conducted	If not Alternate date	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	May 2nd week	03	Meaning, Nature, Concepts, Advantages, Disadvantages and reasons for Transacting Online, Types of E-Commerce, e-commerce Business Models (Introduction , Key Elements of a Business Model Categorizing Major E-Commerce Business Models), Forces Behind e-commerce.	https://www.javatpoint.com/advantages-and-disadvantages-of-e-commerce	Teaching	03	Yes						
		04	1.Html tags introduction.		Practical	02							
2	May 4th week	03	Categorizing Major E-Commerce Business Models), Forces Behind e-commerce Technology used in E-commerce: The dynamics of World Wide Web and Internet (Meaning, EvolutionAnd Features	https://www.tutorialspoint.com/e_commerce/e_commerce_business_models.htm	Teaching	03	Yes						
		04	2.Creation of simple web page using formatting tags		Practical	04							
3	June 1st week	03	Designing, Building and Launching e-commerce website (A systematic approach involving decisions regarding selection of hardware, software,		Teaching	03			Assignment-1				

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							Yes						
			outsourcing Vs. in-house development of a website).										
		04	3.Creation of Lists in a webpage		Practical	04							
4	June 2nd week	03	Models and methods of e–payments (Debit Card, Credit Card, Smart Cards, e- money)	https://www.tutorialspoint.com/search/payment%20gate%20ways	Teaching	03	Yes	-					
		04	4.Creation of table with attributes		Practical	04							
5	June 3rd week	03	Digital Signatures (Procedure, Working And Legal Position), Payment Gateways, Online Banking (Meaning, Concepts, Importance).	https://www.tutorialspoint.com/search/payment%20gate%20ways	Teaching	03	Yes	-	Yoga day celebration				
		04	5.Creation of Hyper links.		Practical	04							
6	June 4th Week	03	Electronic Fund Transfer, Automated Clearing House, Automated Ledger Posting), Risks Involved in e-payments.		Teaching	03	Yes						
		04	6.Creation of hyperlinks including images		Practical	04		-					
7	June 5th Week	03	Meaning, Purpose, Advantages and Disadvantages of Transacting Online		Teaching	03	Yes		Mid-1				
		04	7.Creation of Forms.		Practical	04		-					
8	July 1st Week	03	E- Commerce Applications in Various Industries Like {Banking, Insurance, Payment of Utility Bills Online Marketing, E-Tailing (Popularity, Benefits, Problems and Features)		Teaching	03	Yes	-	Assignment				
		04	8.Creation of framesets		Practical	04							

#	Week		Topic	Link	Method						
10	July 3rd Week	03	Designing a home page, HTML document, Anchor tag Hyperlinks, Head and body section, Header Section, Title, Prologue, Links, Colorful Pages, Comment, Body Section.	https://www.javatpoint.com/html-tutorial	Teaching	0			_	Assignment	
		04	9.Cascading style sheets-inline		Practical	0		yes			
11	July 4th Week	03	, Heading Horizontal Ruler, Paragraph, Tabs, Images And Pictures, Lists and Their Types, Nested Lists, Table Handling. **Frames:** Frameset Definition, Frame Definition.	https://www.javatpoint.com/html-lists	Teaching	0			_	Quiz	
		04	10. Cascading style sheets-inline internal,extranal		Practical	0		yes			
12	August 1st Week	03	Nested Framesets, Forms and Form Elements. DHTML and Style Sheets: Defining Styles, elements of Styles, linking a style sheet to a HTML Document, Inline Styles, External Style Sheets, Internal Style Sheets & Multiple Style Sheets.	https://www.javatpoint.com/html-form	Teaching	0			_		
		04			Practical	0		yes			
13	August 2nd Week	03	Need and Concepts, E-Commerce Security Environment: (Dimension, Definition and Scope Of E-Security)		Teaching	0					
		04			Practical	0	Yes		_		
14	August 3rd Week	03	Security Threats in The E-Commerce Environment (Security Intrusions And Breaches, Attacking Methods Like Hacking, Sniffing, Cyber- Vandalism Etc.),	https://www.javatpoint.com/security-threat-to-e-commerce	Teaching	0			_		
		04			Practical	0		yes			
15	August 4th Week	03	Technology Solutions (Encryption, Security Channels Of Communication, Protecting Networks And Protecting Servers And Clients).		Teaching	0			_		
		04			Practical	0	Yes				
16.	September 1st Week	03 04	**REVISION**		Revision	0 0	Yes		_		

Signature of the Lecturer   Signature of the Dept. I/c   Signature of the Principal

SVRK GOVERNMENT DEGREE COLLEGE (M), NIDADAVOLE

TABLE-A -CURRICULAR PLAN - LECTURER WISE

Department: COMPUTER APPLICATIONS   **Year: 2021-2022**

Name of the Lecturer: M.VEERA KALYANI   **Class: II BCOM   SEM-II**   **Paper: IV   DATA BASE MANAGEMENT SYSTEMS**

Serial Number	Week	Hours available	Syllabus Topic (as per the university)	Additional Input (or) Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
					Activity	Hours allotted	Whether Conducted	If not Alternate	Activity	Hours allotted	Whether conducted	If not Alternate date	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	May 1st Week	03 / 02	Introduction, Data and Information, Database, Database Management System / 1. Introduction to sql queries, DDL commands.	https://www.javatpoint.com/dbms-tutorial	Teaching / Practical	03 / 02	Yes						
2	May 2nd Week	03 / 02	Objectives of DBMS, Evolution of Database Management System. / 2.DML Commands.	https://www.javatpoint.com/dbms-tutorial	Teaching / Practical	03 / 02	Yes						
3	May 3rd Week	03 / 02	Classification of Database Management System. / 3.Create Department table		Teaching / Practical	03 / 02	Yes		Assignment				

4	May 4th Week	03	File Based System. Drawbacks of File-Based System, DBMS Approach.		Teaching	03	Yes						
		02	4.Create Employee table		Practical	02							
5	June 1st Week	03	Advantage of DBMS, Data Models, Components of Database System.		Teaching	03	Yes	_					
		02	5.Add columns to the table with appropriate columns		Practical	02							
6	June 2nd Week	03	Database Architecture,DBMS Vendors and their products.	https://www.tutorialtpoint.net/2021/09/dbms-vendors-and-their-products.html	Teaching	03	Yes	_	Quiz				
		02	6.Add columns to the table with appropriate columns and add additional columns to the table		Practical	02							
7	June 3rd Week	03	Introduction, The Building Blocks of an Entity-Relationship, Classification of Entity Set.		Teaching	03	Yes	_	Yoga day celebration				
		02	7.Basic column should not be null		Practical	02							
8	June 4th Week	03	Attribute Classification, Relationship Degree, Relationship Classification, Generalization and Specialization.	https://www.javatpoint.com/dbms-generalization	Teaching	03	Yes	_	Assignment				
		02	8.add constraint that basic should not be less than 5000		Practical	02							
9	June 5th week	03	Aggregation and Composition, CODD's Rules, Relational Data Model, Concept of Relational Integrity.		Teaching	03	Yes	_					
		02	9. Calculate HRA, DA, Gross and net by using PL/SQL program.		Practical	02							

10	July 1st week	03 02	Introduction, History of SQL Standards, Commands in SQL, Data types in SQL. 10. The percentage of HRA and DA are to be stored separately.		Teaching Practical	03 02	Yes	_	Mid-I				
11	July 2nd week	03 02	Data Definition Language (DDL),Selection Operation Projection Operation, Aggregate Functions, Data Manipulation Language 11. When the DA becomes more than 100%, a message has to be generated and With user permission has to be merged with basic.	https://www.javatpoint.com/sql-tutorial	Teaching Practical	03 02	Yes	_					
12	July 3rd week	03 02	Table Modification, Table Truncation, Imposition of Constraints, Set Operations.		Teaching Practical	03 02	Yes	_					
13	July 4th week	03 02	Introduction, Structure of PL/SQL,PL/SQL Language Elements, Data Types, Control Structure.	https://www.javatpoint.com/sql-data-types	Teaching Practical	03 02	Yes	_	Assignment				
14	August 1st week	03 02	Steps to Create a PL/SQL Program, Iterative Control Cursors, Steps to Create a Cursor, Procedure		Teaching Practical	03 02	Yes _						
15	August 2nd week	03 02	Functions, Packages, Exceptions Handling, Database Triggers, Types of triggers.	https://www.javatpoint.com/pl-sql-trigger	Teaching Practical	03 02	Yes	_	Mid-II				
16.	August 3rd week	03 02	**RIVISION**		Revision	03 02	Yes	_					

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SVRK GOVERNMENT DEGREE COLLEGE (M), NIDADAVOLE
TABLE-A-CURRICULAR PLAN - LECTURER WISE

Department: COMPUTER SCIENCE   **Year: 2021-2022**

Name of the Lecturer: M.VEERA KALYANI   **Class: II BSC(MPCS) SEM-IV**   **Paper: IV B OPERATING SYSTEMS**

Serial Number	Week	Hours available	Syllabus Topic (as per the university)	Additional Input (or) Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
					Activity	Hours allotted	Whether Conducted	If not Alternate	Activity	Hours allotted	Whether conducted	If not Alternate date	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	May 1st Week	04	What is Operating System? History and Evolution of OS, Basic OS functions, Resource Abstraction,. 1. Write a program to implement Round Robin CPU Scheduling algorithm	https://www.javatpoint.com/types-of-operating-systems	Teaching	04	Yes						
		02			Practical	02							
2	May 2nd Week	04	Types of Operating Systems– Multiprogramming Systems, Batch Systems, Time Sharing Systems. 2. Simulate SJF CPU Scheduling algorithm		Teaching	04	Yes						
		02			Practical	02							
3	May 3rd Week	04	Operating Systems for Personal Computers, Workstations and Hand-held Devices, Process Control & Real time Systems. 3. Write a program the FCFS CPU Scheduling algorithm	https://www.javatpoint.com/os-cpu-scheduling	Teaching	04	Yes		Assignment				
		02			Practical	02							
4	May 4th Week	04	Processor and User Modes, Kernels, System Calls and System Programs, System View of the Process and Resources.		Teaching	04							

		02	4. Write a program to Priority CPU Scheduling algorithm		Practical	02	Yes						
5	June 1st Week	04	Process Abstraction, Process Hierarchy, Threads,Threading Issues, Thread Libraries.		Teaching	04	Yes	_					
		02	5. Simulate Sequential file allocation strategies		Practical	02							
6	June 2nd Week	04	Process Scheduling, Non-Preemptive and Preemptive Scheduling Algorithms.		Teaching	04	Yes						
		02	6. Simulate Indexed file allocation strategies		Practical	02		_					
7	June 3rd Week	04	Deadlock, Deadlock Characterization, Necessary andSufficient Conditions for Deadlock, Deadlock Handling Approaches: Deadlock Prevention.	https://www.javatpoint.com/os-deadlocks-introduction	Teaching	04	Yes	_	Yoga day celebration				
		02	7. Simulate Linked file allocation strategies		Practical	02							
8	June 4th Week	04	Deadlock Avoidance and Deadlock Detection and Recovery. Concurrent and Dependent Processes, Critical Section, Semaphores.	https://www.javatpoint.com/os-resource-allocation-graph	Teaching	04	Yes	_	Assignment				
		02	8. Simulate MVT and MFT memory management techniques		Practical	02							
9	June 5th week	04	Methods for Inter- process Communication; Process Synchronization, Classical Process Synchronization Problems: Producer-Consumer, Reader-Writer.		Teaching	04	Yes	_					
		02	9. Simulate Single level directory File organization techniques		Practical	02							
10	July 1st week	04	Memory Management: P: Physical and Virtual Address Space; MemoryAllocation Strategies.		Teaching	04	Yes		Mid-I				
		02	10. Simulate Two level File organization echniques		Practical	02		_					

11	July 2nd week	04 02	Fixed and -Variable Partitions, 11. Simulate Hierarchical File organization techniques		Teaching Practical	04 02	Yes	_						
12	July 3rd week	04 02	Paging, Segmentation, Virtual Memory 12. Write a program for Bankers Algorithm for Dead Lock Avoidance	https://www.javatpoint.com/page-vs-block-in-operating-system	Teaching Practical	04 02	Yes	_						
13	July 4th week	04 02	File and I/O Management, OSsecurity : Directory Structure, File Operations, File Allocation Methods, Device Management. 13. Implement Bankers Algorithm Dead Lock Prevention.		Teaching Practical	04 02	Yes	_	Assignment				
14	August 1st week	04 02	Pipes, Buffer, Shared Memory, Security Policy Mechanism, Protection, Authentication and Internal Access Authorization Introduction to Android Operating System. 14. Simulate all Page replacement algorithms. a) FIFO b) LRU c) LFU		Teaching Practical	04 02	Yes	_					

15	August 2nd week	04 02	Android Development Framework, Android Application Architecture, Android Process Management and File System, Small Application Development using Android Development Framework. 15. Simulate Paging Techniques of memory management	javatpoint. com/andro id- operating- system	Teaching Practical	04 02	Yes	_	Mid-II				
16	August 3rd week	04 02	REVISION		Teacing practical	04 02	Yes						

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