SVRK GOVERNMENT DEREE COLLEGE:NIDADAVOLE
TABLE – A – CURRICULAR PLAN – LECTURER WISE

NAME OF THE LECTURER:G.ROSY HENA **DEPARTMENT:COMPUTER SCIENCE**

CLASS: I B.Sc (MPCS) **YEAR: 2020-2021** **SEMESTER: I** **PAPER – I:** PROBLEM SOLVING IN C

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT /VALUE ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITIY				REMARKS
					ACTIVITY	HOURS ALLOTED	WHETHER CONDUCTED	IF NOT, ALTERNATIVE DATE	ACTIVITY	HOURS ALLOTED	WHETHER CONDUCTED	IF NOT, ALTERNATIVE DATE	
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**
1	January 4th Week	4 2	General Fundamentals: Introduction to computers: Block diagram of a computer, characteristics and limitations of computers, applications of computers, types of computers, computer generations. 1. Write a program to check whether the given number is Armstrong or not.		Bridge course Teaching Practical	2 2 2			Entry level test	1	yes		
2	February 1st week	4 2	Introduction to Algorithms and Programming Languages: Algorithm – Key features of Algorithms, Flow Charts, Programming Languages – Generations of Programming Languages 2. Write a program to find the sum of individual digits of a positive integer.		Teaching Practical	4 2							

3	February 2nd week	4 2	Structured Programming Language- Design and Implementation of Correct, Efficient and Maintainable Programs. 3. Write a program to generate the first n terms of the Fibonacci sequence		Teaching Practical	4 2							
4	February 3rd week	4 2	Introduction to C: Introduction – Structure of C Program – Writing the first C Program – File used in C Program – Compiling and Executing C Programs – Using Comments 4. Write a program to find both the largest and smallest number in a list of integer values		Teaching Practical	3 2			Seminar	1			
5	February 4th week	4 2	– Keywords – Identifiers – Basic Data Types in C – Variables – Constants – I/O Statements in C- Operators in C- Programming Examples.. 5. Write a program to demonstrate refection of parameters in swapping of two integer values using Call by Value & Call by Address		Teaching Practical	4 2							
6	March 1st Week	4 2	Introduction to Decision Control Statements– Conditional Branching Statements – Iterative 6. Write a program that uses functions to add two matrices.		Teaching Practical	4 2							
7	March 2nd Week	4 2	Statements – Nested Loops – Break and Continue Statement – Go to Statement 7. Write a program to calculate factorial of given integer value using recursive functions		Mid exam - 1 Teaching Practical	1 3 2							

8	March 3rd Week	4 2	Arrays: Introduction – Declaration of Arrays – Accessing elements of the Array – Storing Values in Array– Operations on Arrays . 8. Write a program for multiplication of two N X N matrices		Teaching Practical	4 2							
9	March 4th Week	4 2	One dimensional, two dimensional and multi dimensional arrays, character handling and strings. 9. Write a program to perform various string operations.		Teaching Practical	4 2							
10	April 1st week	4 2	Functions: Introduction – using functions – Function declaration/ prototype – Function definition – function call – return statement 10. Write a program to search an element in a given list of values.		Teaching Practical	4 2							
11	April 2nd week	4 2	Passing parameters – Scope of variables – Storage Classes – Recursive functions. Structure, Union, and Enumerated Data Types: Introduction – Nested Structures – Arrays of Structures 11. Write a program to sort a given list of integers in ascending order.		Teaching Practical	4 2							

12	April 3rd week	4 2	Structures and Functions– Union – Arrays of Unions Variables – Unions inside Structures – Enumerated Data Types. 12. Write a program to calculate the salaries of all employees using Employee (ID, Name, Designation, Basic Pay, DA, HRA, Gross Salary, Deduction, Net Salary) structure. a. DA is 30 % of Basic Pay b. HRA is 15% of Basic Pay c. Deduction is 10% of (Basic Pay + DA) d. Gross Salary = Basic Pay + DA+ HRA e. Net Salary = Gross Salary – Deduction		Mid exam 2 Teaching Practical	1 3 2							
13	April 4th week	4 2	Pointers: Understanding Computer Memory – Introduction to Pointers – declaring Pointer Variables – Pointer Expressions and Pointer Arithmetic – Null Pointers - Passing Arguments to Functions using Pointer 13. Write a program to illustrate pointer arithmetic.		Teaching Practical	4 2							
14	May 1st week	4 2	Pointer and Arrays – Memory Allocation in C Programs – Memory Usage – Dynamic Memory Allocation – Drawbacks of Pointers 14. Write a program to read the data character by character from a file		Teaching Practical	4 2							

15	May 2nd week	4 2	Files: Introduction to Files – Using Files in C – Reading Data from Files – Writing Data to Files – Detecting the End-of-file – Error Handling during File Operations – Accepting Command Line Arguments .15. Write a program to create Book (ISBN, Title, Author, Price, Pages, Publisher) structure and store book details in a file and perform the following operations a. Add book details b. Search a book details for a given ISBN and display book details, if available c. Update a book details using ISBN d. Delete book details for a given ISBN and display list of remaining Book		Teaching Practical	4 2							

SIGNATURE OF THE LECTURER

SIGNATURE OF THE HEAD OF THE DEPARTMENT

SIGNATURE OF THE PRINCIPAL

SVRK GOVERNMENT DEREE COLLEGE:: NIDADAVOLE
TABLE – A – CURRICULAR PLAN – LECTURER WISE

NAME OF THE LECTURER: G.ROSY HENA , LECTURER IN COMPUTER SCIENCE **DEPARTMENT:COMPUTER SCIENCE**
CLASS: I BSC(MPCS) **YEAR: 2020-21** **SEMESTER: II** **PAPER-II: DATA** STRUCTURES USING C

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT /VALUE ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITIY				REMARKS
					ACTIVITY	HOURS ALLOTED	WHETHER CONDUCTED	IF NOT, ALTERNATIVE DATE	ACTIVITY	HOURS ALLOTED	WHETHER CONDUCTED	IF NOT, ALTERNATIVE DATE	
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**
1	June 1st week	4 2	Introduction to Data Structures: Introduction to the Theory of Data Structures, Data Representation, Abstract Data Types, Data Types, Primitive Data Types, Data Structure and Structured Type. 1. Write a program to read 'N' numbers of elements into an array and also perform the following operation on an array a. Add an element at the begging of an array b. Insert an element at given index of array c. Update a element using a values and index d. Delete an existing element		Teaching	6							

2	June 2nd week	4 2	Atomic Type, Difference between Abstract Data Types, Data Types, and Data Structures, Refinement Stages Principles of Programming and Analysis of Algorithms: Software Engineering, 2. Write a program using stacks to convert a given a. postfix expression to prefix b. prefix expression to postfix c. infix expression to postfix		Teaching Practical	4 2							
3	June 3rd week	4 2	Program Design, Algorithms, Different Approaches to Designing an Algorithm, Complexity, Big 'O' Notation, Algorithm Analysis, Structured Approach to Programming, Recursion, Tips and Techniques for Writing Programs in 'C 3. Write Programs to implement the Stack operations using an array		Teaching Practical	4 2							
4	June 4th week	4 2	Arrays: Introduction to Linear and Non-Linear Data Structures, One- Dimensional Arrays, 4. Write Programs to implement the Stack operations using Liked List.		Teaching Practical	4 2							
5	July 1st week	4 2	Array Operations, Two- Dimensional arrays, Multidimensional Arrays, Pointers and Arrays, an Overview of Pointers Linked Lists: Introduction to Lists and Linked Lists 5. Write Programs to implement the Queue operations using an array.		Teaching Practical	3 2			Seminar	1			
6	July 2nd week	4 2	Dynamic Memory Allocation, Basic Linked List Operations, Doubly Linked List, Circular Linked List, Atomic Linked List, Linked List in Arrays, Linked List versus Arrays 6. Write Programs to implement the Queue operations using Liked List.		Teaching Practical	4 2							
7	July 3rd week	4 2	Stacks: Introduction to Stacks, Stack as an Abstract Data Type, Representation of Stacks through Arrays 7. Write a program for arithmetic expression evaluation.		Teaching Practical	4 2							

8	July 4th week	4 2	, Representation of Stacks through Linked Lists, Applications of Stacks, Stacks and Recursion. Queues: Introduction, Queue as an Abstract data Type, Representation of Queues, 8. Write a program for Binary Search Tree Traversals		Teaching Practical	4 2							
9	August 1st week	4 2	Circular Queues, Double Ended Queues-Deques, Priority Queues, Application of Queues 9. Write a program to implement dequeue using a doubly linked list.		Mid exam – 1 Teaching Practical	1 2 2			Quiz	1			
10	August 2nd week	4 2	Binary Trees: Introduction to Non- Linear Data Structures, Introduction Binary Trees, Types of Trees, Basic Definition of Binary Trees, 10. Write a program to search an item in a given list using the following Searching Algorithms a. Linear Search b. Binary Search.		Teaching Practical	4 2							
11	August 3rd week	4 2	Properties of Binary Trees, Representation of Binary Trees, Operations on a Binary Search Tree, 11. Write a program for implementation of the following Sorting Algorithms a.. Bubble Sort b. Insertion Sort c. Quick Sort		Teaching Practical	4 2							
12	August 4th week	4 2	Binary Tree Traversal, Counting Number of Binary Trees, Applications of Binary Tree 12. Write a program for polynomial addition using single linked list		Teaching Practical	4 2							

13	September 1st week	4 2	Searching and sorting: Sorting – An Introduction, Bubble Sort, Insertion Sort, Merge Sort, Searching. 13. Write a program to find out shortest path between given Source Node and Destination Node in a given graph using Dijkstrar's algorithm.		Teaching Practical	4 2							
14	September 2nd week	4 2	An Introduction, Linear or Sequential Search, Binary Search, Indexed Sequential Search Graphs: Introduction to Graphs, Terms Associated with Graphs, 14. Write a program to implement Depth First Search graph traversals algorithm		Mid exam 2 Teaching Practical	1 2 2			Debate	1			
15	September 3rd week	4 2	Sequential Representation of Graphs, Linked Representation of Graphs, Traversal of Graphs, Spanning Trees, Shortest Path, Application of Graphs 15. Write a program to implement Breadth First Search graph traversals algorithm		Teaching Practical	4 2							
16	September 4th week	4 2	**REVISION**		Teaching Practical	4 2							

SIGNATURE OF THE LECTURER

SIGNATURE OF THE HEAD OF THE DEPARTMENT

SIGNATURE OF THE PRINCIPAL

SVRK GOVERNMENT DEREE COLLEGE :: NIDADAVOLE
TABLE – A – CURRICULAR PLAN – LECTURERWISE

NAME OF THE LECTURER: SRI K S N PRASAD **DEPARTMENT:COMPUTER SCIENCE**
CLASS: II BSC(MPCS) **YEAR: 2018-2019** **SEMESTER: III** **PAPER-III:OBJECTORIENTEDPROGRAMMINGUSINGJAVA**

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT /VALUE ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITIY				REMARKS
					ACTIVITY	HOURS ALLOTED	WHETHER CONDUCTED	IF NOT, ALTERNATIVE DATE	ACTIVITY	HOURS ALLOTED	WHETHER CONDUCTED	IF NOT, ALTERNATIVE DATE	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	November 3rd Week	4 2	**FUNDAMENTALSOFOBJECT–ORIENTEDPROGRAMMING:**Introduction,ObjectOrientedparadigm,BasicConceptsofOOP,BenefitsofOOP,Application's Of OOP.		Bridge Course Teaching	4 2			Entry level test	1			
2	November 4th Week	4 2	**OVERVIEWOFJAVALANGUAGE**:Introduction,javafeaturesSimpleJavaprogramstructure,differencebetweenC,C++andjava,javaandinternet,Javatokens,JavaStatements,ImplementingaJavaProgram,JavaVirtualMachine,Commandlinearguments. 1. Write a program to perform various String Operations		Teaching Practical	4 2							

3	December 1st Week	4 2	**CONSTANTS,VARIABLES&DATATYPES:**Introduction,Constants,Variables,DataTypes,DeclarationofVariables,GivingValuetoVariables,Scope of variables, Symbolic Constants, Type casting, Getting Value of Variables, Standard Default values; 2. Write a program on class and object in java		Teaching Practical	3 2			Seminar	1			
4	December 2nd Week	4 2	OPERATORS AND EXPRESSIONS: Arithmetic operator's Relational operators, logical operators, Assignment operators, Increment and decrement operators, Conditional operators, Bitwise operators, Special operators, Arithmetic operators, Precedence of Arithmetic operators. 3. Write a program to illustrate Function Overloading & Function Overriding methods in Java		Teaching Practical	4 2							
5	December 3rd Week	4 2	DECISION MAKING & LOOPING: Introduction, The While statement, the do-while statement, the for statement, Jumps in loops. 4. Write a program to illustrate the implementation of abstract class		Teaching Practical	4 2							

6	December 4th Week	4 2	DECISION MAKING & BRANCHING: Introduction, Decision making with if statement, Simple if statement, if Else statement, Nesting of if else statements, the else if ladder, the switch statement, the conditional operator. 5. Write a program to implement Exception handling.		Teaching Practical	4 2							
7	January1st Week	4 2	CLASSES, OBJECTS & METHODS: Introduction, defining a class, adding variables, adding methods, creating objects, Accessing class members, Constructors, Method overloading, Static members, Nesting of methods, visibility controls 6. Write a program to create packages in Java		Teaching Practical	3 2			Quiz	1			
8	January 2nd Week	4 2	INHERITANCE: inheritance and types of inheritances, Extending a class, Overloading methods, Final variables and methods, Final classes, Abstract methods and classes. 7. Write a program on interface in java		Teaching Practical	4 2							
9	January 3rd Week	4 2	.ARRAYS, STRINGS AND VECTORS: Arrays, One-dimensional arrays, Creating an array, Two – dimensional arrays, Strings, Vectors, Wrapper classes. 8. Write a program to Create Multiple Threads in Java .		Mid exam – 1 Teaching Practical	1 3 2							

10	January 4th Week	4 2	INTERFACES: MULTIPLE INHERITANCE: Introduction, Defining interfaces, Extending interfaces, Implementing interfaces, Assessing interface variables; 9. Write a program to Write Applets to draw the various polygons		Teaching Practical	4 2							
11	February 1st week	4 2	MULTITHREADED PROGRAMMING: Introduction, Creating Threads, Extending the Threads, Stopping and Blocking a Thread, Lifecycle of a Thread, Using Thread Methods, Thread Exceptions, Thread Priority, Synchronization, Implementing the 'Runnable' Interface 10. Write a program which illustrates the implementation of multiple Inheritance using interfaces in Java		Teaching Practical	3 2			Debate	1			
12	February 2nd week	4 2	MANAGING ERRORS AND EXCEPTIONS: Types of errors: Compile-time errors, Run-time errors, Exceptions, Exception handling, Multiple Catch Statements, Using finally statement. 11. Write a program to assign priorities to threads in java		Teaching Practical	4 2							
13	February 3rd week	4 2	APPLET PROGRAMMING: local and remote applets, difference between Applets and Applications, Building Applet code, **RECORD WORK**		Teaching Practical	4 2							
14	February 4h week	4 2	, Applet Life cycle: Initialization state, running state, Idle or stopped state, Dead state, Display state Designing web page, adding applet to HTML file, Running the Applet. **RECORD WORK**		Mid exam 2 Teaching Practical	1 3 2							

15	March 1st week	4 2	PACKAGES: Introduction, Java API Packages, Using System Packages, naming conventions, Creating Packages, accessing a Package, using a Package, adding class to a package, Hiding classes, static Import. **RECORD WORK**		Teaching Practical	4 2							
16	March 2nd Week	4 2	**Revision**		Teaching Practical	4 2							

SIGNATURE OF THE LECTURER

SIGNATURE OF THE HEAD OF THE DEPARTMENT

SIGNATURE OF THE PRINCIPAL

SVRK GOVERNMENT DEREE COLLEGE :: NIDADAVOLE
TABLE – A – CURRICULAR PLAN – LECTURERE WISE

NAME OF THE LECTURER: SRI S. PURUSHOTHAM, LECTURER IN ECONOMICS **DEPARTMENT:**COMPUTER SCIENCE
CLASS: II BSC(MPCS) **YEAR: 2018-2019** **SEMESTER: IV** **PAPER-IV: DATA STRUCTURES**

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT /VALUE ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITIY				REMARKS
					ACTIVITY	HOURS ALLOTED	WHETHER CONDUCTED	IF NOT, ALTERNATIVE DATE	ACTIVITY	HOURS ALLOTED	WHETHER CONDUCTED	IF NOT, ALTERNATIVE DATE	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	November 1st week	4 2	**ConceptofAbstractDataTypes(ADTs)-** DataTypes,DataStructures,Primitive and Non- primitive Data Structures, Linear and Non-linear Data Structures.		Teaching Practical	3 2			Entry level test	1			
2	November 2nd week	4 2	Linear Lists– ADT, Array and Linked representations, Pointers. 1. Write a Program to implement the Linked List operations		Teaching Practical	4 2							
3	November 3rd week	4 2	Arrays: One Dimensional-Two Dimensional-Multi Dimensional-Operations-Sparse Matrices 2. Write a Program to implement the Stack operations using an array.		Teaching Practical	3 2			Seminar	1			

4	November 4th week	4 2	Circular Linked List, applications Linked Lists: Single Linked List, Double Linked List, 3. Write Programs to implement the Queue operations using an array.		Teaching Practical	4 2							
5	December week	4 2	Stacks: Definition, ADT, Array and Linked representations, STACKS: Implementations and Applications 3. Write Programs to implement the Stack operations using a singly linked list. 4.		Teaching Practical	4 2							
6	December 1st week	4 2	Queues: Definition, ADT, Array and Linked representations, Circular Queues Dequeues, Priority Queues, Implementations and Applications. 5. Write Programs to implement the Queue operations using a singly linked list.		Teaching Practical	4 2							
7	December 2nd week	4 2	Trees: Binary Tree, Definition, Properties , ADT, Array and Linked representations, Implementations and Applications. 6. Write a program for arithmetic expression evaluation		Teaching Practical	3 2			Quiz	1			
8	December 3rd week	4 2	Binary Search Trees (BST) – Definition, ADT, Operations and Implementations, 7. Write a program to implement Double Ended Queue using a doubly linked list.		Teaching Practical	4 2							
9	December 4th week	4 2	BST Applications. Threaded Binary Trees, Heap trees 8. Write a program to search an item in a given list using Linear Search and Binary Search		Mid exam – 1 Teaching Practical	4 2							

10	January 1st week	4 2	Graphs – Graph and its Representation, Graph Traversals, Connected Components, 9. Write a program for Quick Sort		Teaching Practical	4 2							
11	January 2nd week	4 2	Basic Searching Techniques, Minimal Spanning Trees 10. Write a program for Merge Sort		Teaching Practical	3 2			Debate	1			
12	January 3rd week	4 2	. Sorting and Searching: Selection, Insertion, 11. Write a program on Binary Search Tree operations (insertion, deletion and traversals)		Teaching Practical	4 2							
13	January 4th week	4 2	Bubble, Merge, Quick, Heap sort, 12. Write a program for Graph traversals.		Teaching Practical	4 2							
14	February 1st week	4 2	Sequential and Binary Searching **RECORD WORK**		Mid exam 2 Teaching Practical	4 2							
15	February 2nd week	4 2	**REVISION**		Teaching	4 2							

SIGNATURE OF THE LECTURER

SIGNATURE OF THE HEAD OF THE DEPARTMENT

SIGNATURE OF THE PRINCIPAL

SVRK GOVERNMENT DEREE COLLEGE: NIDADAVOLE
TABLE – A – CURRICULAR PLAN – LECTURER WISE

NAME OF THE LECTURER: SRI K S N PRASAD **DEPARTMENT: COMPUTER SCIENCE**

CLASS: III BSC (MPCS) **YEAR: 2018-2019** **SEMESTER: V** **PAPER-V: DataBaseManagementSystem**

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT /VALUE ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITIY				REMARKS
					ACTIVITY	HOURS ALLOTED	WHETHER CONDUCTED	IF NOT, ALTERNATIVE DATE	ACTIVITY	HOURS ALLOTED	WHETHER CONDUCTED	IF NOT, ALTERNATIVE DATE	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	June 1st week	4 2	**OverviewofDatabaseManagementSystem :**Introduction,file-basedsystem,Drawbacksoffile-BasedSystem, D a t a andinformation,Database,		Bridge course Teaching	3 2			Entry level test	1			
2	June 2nd week	4 2	DatabasemanagementSystem,ObjectivesofDBMS,EvaluationofDatabasemanagementSystem,ClassificationofDatabaseManagementSystem. 1.Draw ER diagrams for train services in a railway station		Teaching Practical	4 2							

3	June 3rd week	4 2	DBMSApproach,advantagesofDBMS,data models,ComponentsandInterfacesofDatabaseManagementSystem.DatabaseArchitecture,SituationswhereDBMSisnotNecessary 2. Draw ER diagram for hospital administration		Teaching Practical	3 2							
4	June 4th week	4 2	**Entity-RelationshipModel**:Introduction,thebuildingblocksofanentityrelationshipdiagram,classificationofentitysets,attributeclassification,relationshipdegree,relationshipclassification. 3. Creation of college database and establish relationships between tables		Teaching Practical	4 2			Seminar	1			
5	July 1st Week	4 2	reducingERdiagramtotables,enhanceden tity-relationshipmodel(EERmodel),generalizationandspecialization,**ISA**relationshipandattributeinheritance 4. Write a view to extract details from two or more tables		Teaching Mid exam - 1 Practical	3 1 2							
6	July 2nd Week	4 2	multipleinheritance,constraintsonspecializationandgeneralization,aggregationandcomposition,entityclusters,connectiontypes,advantagesofERmodelling. 5. Write a stored procedure to process students results		Teaching Practical	4 2							
7	July 3rd Week	4 2	**RelationalModel:**Introduction,CODDRules,relationaldatamodel,conceptofkey. 6. Write a program to demonstrate a function.		Teaching Practical	4 2							

8	July 4th Week	4 2	relationalintegrity,relationalalgebra,relationalalgebraoperations,advantagesofrelationalalgebra,limitationsofrelationalalgebra. 7. Write a program to demonstrate blocks, cursors & database triggers.		Teaching Practical	3 2			Quiz	1			
9	August 1st week	4 2	relationalcalculus,tuplerelationalcalculus,domainrelationalCalculus(DRC).QBE 8. Write a program to demonstrate Joins		Teaching Practical	4 2							
10	August 2nd week	4 2	**StructuredQueryLanguage:**Introduction, HistoryofSQLStandard,CommandsinSQL, DataTypesinSQL, 9. Write a program d		Teaching Practical	4 2							
11	August 3rd week	4 2	DataDefinitionLanguage,SelectionOperation,ProjectionOperation,Aggregate functions, Data Manipulation Language, 10. Write a program to demonstrate of Aggregate functions		Teaching Practical	4 2							
12	August 4th week	4 2	TableModificationCommands,TableTruncation,ImpositionofConstraints,JoinOperation,SetOperation, View,SubQuery,EmbeddedSQL 11. Creation of Reports based on different queries.		Teaching Practical	4 2							

13	September 1st week	4 2	**PL/SQL:**Introduction,ShortcominginSQL, StructureofPL/SQL,PL/SQLLanguage,Elements, 12. Usage of file locking table locking, facilities in applications.		Teaching Mid exam 2 Practical	2 1 2			Debate	1			
14	September 2nd week	4 2	DataTypes,OperatorsPrecedence,ControlStructure,StepstoCreateaPL/SQL,Program,, Cursors, Steps to create a Cursors. **RECORD WORK**		Teaching Practical	4 2							
15	September 3rd week	4 2	Procedure,Function,Packages,Exceptions Handling, Database Triggers, Types of Triggers. **RECORD WORK**		Teaching Practical	4 2							
16	September 4th week		**REVISION**		Teaching Practical	4 2							

SIGNATURE OF THE LECTURER

SIGNATURE OF THE HEAD OF THE DEPARTMENT

SIGNATURE OF THE PRINCIPAL

SVRK GOVERNMENT DEREE COLLEGE: NIDADAVOLE
TABLE – A – CURRICULAR PLAN – LECTURER WISE

NAME OF THE LECTURER: SRI K S N PRASAD **DEPARTMENT: COMPUTER SCIENCE**
CLASS: III BSC (MPCS) **YEAR: 2018-2019** **SEMESTER: V** **PAPER-IV: SOFTWARE ENGINEERING**

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT /VALUE ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITIY				REMARKS
					ACTIVITY	HOURS ALLOTED	WHETHER CONDUCTED	IF NOT, ALTERNATIVE DATE	ACTIVITY	HOURS ALLOTED	WHETHER CONDUCTED	IF NOT, ALTERNATIVE DATE	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	November 4th Week	4 2	**INTRODUCTION:** Software Engineering Process paradigms -		Bridge course Teaching	3 2			Entry level test	1			
2	December 1st Week	4 2	Projectmanagement-ProcessandProjectMetrics–softwareestimation-. Empiricalestimationmodels-Planning-Riskanalysis-Softwareprojectscheduling 1. Studying various phases of Water-Fall Model		Teaching Practical	4 2							

3	December 2nd Week	4 2	**REQUIREMENTSANALYSIS:**RequirementEngineeringProcesses– FeasibilityStudy– ProblemofRequirements. 2. Prepare SRS for Banking or On line book store domain problem.		Teaching Practical	4 2							
4	December 3rd Week	4 2	SoftwareRequirementAnalysis– AnalysisConceptsandPrinciples– AnalysisProcess–AnalysisModel 3. Using COCOMO model estimate effort for Banking or on line book store domain problem.		Teaching Practical	4 2							
5	December 4th Week	4 2	**SOFTWAREDESIGN:**Softwaredesign-Abstraction-Modularity-SoftwareArchitecture-Effectivemodulardesign. 4. Calculate effort using FP oriented estimation model		Teaching Mid exam – 1 Practical	3 1 2			Seminar	1			
6	January1st Week	4 2	Cohesion and Coupling- Architectural design and Procedural design-Datafloworienteddesign 5. Analyze the Risk related to the project and prepare RMMM plan.		Teaching Practical	4 2							

7	January 2nd Week	4 2	**USERINTERFACEDESIGNANDREAL TIMESYSTEMS:**Userinterfacedesign-Humanfactors- Humancomputerinteraction 6. Develop Time-line chart and project table using PERT or CPM project scheduling methods.		Teaching Practical	4 2							
8	January 3rd Week	4 2	Human-ComputerInterfacedesign-Interfacedesign-Interfacestandards 7. Draw E-R diagram, DFD, CFD and STD for the project.		Teaching Practical	3 2			Quiz	1			
9	January 4th Week	4 2	**SOFTWAREQUALITYANDTESTING:** SoftwareQualityAssurance-Qualitymetrics-SoftwareReliability 8. Design of the test cases.		Teaching Practical	4 2							
10	February 1st week	4 2	Softwaretesting-Pathtesting– ControlStructurestesting 9. Prepare FTR. Version control and change control for software configuration item.		Teaching Practical	4 2							
11	February 2nd week	4 2	-BlackBoxtesting-Integration,Validationandsystemtesting- **RECORD WORK**		Teaching Practical	4 2							

12	February 3rd week	4 2	. ReverseEngineeringandRe-engineering. **RECORD WORK**		Teaching Practical	4 2							
13	February 4h week	4 2	- CASEtools−projectsmanagement,tools-analysisanddesigntools− **RECORD WORK**		Teaching Mid exam 2 Practical	2 1 2			**Debate**	1			
14	March 1st week	4 2	programmingtools-integrationandtestingtool-Casestudies **RECORD WORK**		Teaching Practical	4 2							
15	March 2nd Week	4 2	**REVISION**		Teaching Practical	4 2							

.

SIGNATURE OF THE LECTURER

SIGNATURE OF THE HEAD OF THE DEPARTMENT

SIGNATURE OF THE PRINCIPAL

SVRK GOVERNMENT DEREE COLLEGE :: NIDADAVOLE
TABLE – A – CURRICULAR PLAN – LECTURER WISE

NAME OF THE LECTURER: SRI K S N PRASAD **DEPARTMENT: COMPUTER SCIENCE**
CLASS: III BSC (MPCS) **YEAR: 2018-2019** **PAPER-VII: WEB TECHNOLOGIES**

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT /VALUE ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITIY				REMARKS
					ACTIVITY	HOURS ALLOTED	WHETHER CONDUCTED	IF NOT, ALTERNATIVE DATE	ACTIVITY	HOURS ALLOTED	WHETHER CONDUCTED	IF NOT, ALTERNATIVE DATE	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	May 1st week	4 2	HTML: Basic HTML, Document body, Text, Hyper links,		Bridge course Teaching	3 2			Entry level test	1			
2	May 4th week	4 2	adding more formatting, Lists, Tables using images. 1.Write a HTML program illustrating text formatting. **2.** Illustrate font variations in your HTML code.		Teaching Practical	4 2							
3	June 1st week	4 2	More HTML: Multimedia objects, Frames, Forms towards interactive, HTML document heading detail 3. Prepare a sample code to illustrate links between different sections of the page. 4. Create a simple HTML program to illustrate three types of lists		Teaching Practical	4 2							

4	June 2nd week	4 2	Cascading Style Sheets: Introduction, using Styles, simple examples.		Teaching Practical	3 2			Seminar	1			
5	June 3rd week	4 2	, your own styles, properties and values in styles, 5. Embed a calendar object in your web page. 6. Create an applet that accepts two numbers and perform all the arithmetic operations on them.		Teaching Mid exam – 1 Practical	3 1 2							
6	June 4th week	4 2	style sheet, formatting blocks of information, layers 7. Create nested table to store your curriculum. 8. Create a form that accepts the information from the subscriber of a mailing system		Teaching Practical	4 2							
7	July 1st Week	4 2	Introduction to JavaScript: What is DHTML, 9.Design the page as required. 10.Using “table” tag, align the images as required		Teaching Practical	4 2							
8	July 2nd Week	4 2	JavaScript, basics, variables, string manipulations 11.Divide the web page as required 12.Design the web page as required		Teaching Practical	4 2							
9	July 3rd Week	4 2	, mathematical functions, statements, operators, arrays, functions. **13.** Illustrate the horizontal rulers in your page. 14.Create a help file as required.		Teaching Practical	4 2							

10	July 4th Week	4 2	Objects in JavaScript: Data and objects in JavaScript, regular expressions, exception handling 15. Create a form using form tags(assume the form and fields). 16. Create a webpage containing your biodata(assume the form and fields		Teaching Practical	3 2			Quiz	1			
11	August 1st week	4 2	DHTML with JavaScript: Data validation, opening a new window, 17.Write a html program including style sheets. 18.Write a html program to layers of information in web page.		Teaching Practical	4 2							
12	August 2nd week	4 2	messages and confirmations, the status bar 19.Create a static webpage.		Teaching Practical	4 2							
13	August 3rd week	4 2	different frames, rollover buttons, moving images' RECORD WORK		Teaching Mid exam 2 Practical	2 1 2			Debate	1			
14	August 4th week	4 2	XML: defining data for web applications, basic XML, document type definition, RECORD WORK		Teaching Practical	4 2							
15	September 1st Week	4 2	presenting XML, document object model. Web Services RECORD WORK		Teaching Practical	4 2							

SIGNATURE OF THE LECTURER

SIGNATURE OF THE HEAD OF THE DEPARTMENT

SIGNATURE OF THE PRINCIPAL