

VSM COLLEGE(A) :: RAMACHANDRAPURAM

TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER I: COMPUTER FUNDAMENTALS AND PHOTOSHOP(Code: 1612401)

CLASS: 1 B.Sc., (M.P.CS.)

Name of the Lecturer : M.N.Jyothi

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE - 2019									
1	2 ND WEEK	2+0	Orientation Program		Orientation Class	2			
2	3 RD WEEK	4+2	Introduction to Computers, characteristics and limitations of computer, Block diagram of a computer,		Teaching Class Practical	4 2			
3	4 TH WEEK	4+2	Types of computers, uses of computers, computer generations, Applications of computers.		Teaching Class Practical	4 2			
MONTH: JULY - 2019									
4	1 ST WEEK	4+2	Number systems : Binary, Octal, Decimal, and hexa decimal number system, Conversions from one number system to another number system.		Teaching Class Practical	4 2			
5	2 ND WEEK	4+2	Input devices: Keyboard and Mouse, inputting data in other ways. Output devices: Monitors, Printers and Plotters		Teaching Class Practical	4 2			

6	3 RD WEEK	4+2	Types of Software: System software, Application software, commercial, open source, domain and free ware software, Memories: primary, secondary and cache memory. Windows basics: desktop, start menu, icons.		Teaching Class Practical	4 2			
7	4 TH WEEK	2+2	Revision I MID EXAMS		Teaching Class Assignment Practical	1 1 2			
8	5 th WEEK	2+0	Introduction to Adobe Photoshop: Getting started with Photoshop, creating and saving a document in Photoshop, page layout and background		Teaching Class Practical	2 0			
MONTH: AUGUST - 2019									
9	1 ST WEEK	1+0	Photoshop program window- title bar, menu bar, option bar, image window,		Teaching Class Practical	1 0			
10	2 ND WEEK	4+2	image title bar, status bar, ruler, pallets, tool box, screen modes, saving files, reverting files, closing files.		Teaching Class Practical	4 2			
11	3 RD WEEK	3+2	Images: working with images, image size and resolution, image editing,		Teaching Class Practical	3 2			
12	4 TH WEEK	3+2	colour modes and adjustments, Zooming & Panning an Image, Rulers,		Teaching Class Practical	3 2			
13	5 th WEEK	4+2	Guides & Grids- Cropping & Straightening an Image, image backgrounds , making selections. Colour manipulations: colour modes- Levels – Curves - Seeing Colour accurately - Patch tool,		Teaching Class Practical	4 2			
MONTH: SEPTEMBER - 2019									
14	1 ST WEEK	3+2	Working with tool box: working with pen tool, save and load selection- working with erasers-working with text and brushes.		Teaching Class Practical	2 2	Quiz	1	

15	2 ND WEEK	3+2	Cropping- Reading your palettes - Dust and scratches- Advanced Retouching- smoothing skin		Teaching Class Practical	3 2			
16	3 RD WEEK	1+0	II MID EXAMS		Teaching Class Practical	0 0	Quiz	1	
17	4 th WEEK	4+2	Layers: Working with layers- layer styles- opacity-adjustment layers.		Teaching Class Practical	4 2			
MONTH: OCTOBER - 2019									
18	1 ST WEEK	4+2	Filters: The filter menu, Working with filters- Editing your photo shoot, presentation –how to create adds , artistic filter		Teaching Class Practical	4 2			
19	2 ND WEEK	0+0	DASARA HOLIDAYS		Teaching Class Practical	0 0			
20	3 RD WEEK	4+2	Blur filter, brush store filter, distort filters, noise filters, pixelate filters, light effects, difference clouds, sharpen filters, printing.		Teaching Class Practical	4 2			
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2019						
MONTH: NOVEMBER - 2019									
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019						
23	2 ND WEEK		PRACTICAL EXAMINATIONS - 2019						


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER II : PROGRAMMING IN 'C'(Code:1622402)


CLASS: I B.Sc., (M.P.CS.)

NAME OF THE LECTURER: *S VARMIJA SWAIK*


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER 2019									
1	3 RD WEEK	2+0	Introduction to Algorithms and Programming Languages : Algorithm , Key features of Algorithms , Some more Algorithms, Flow Charts, Programming Languages,		Teaching Class Practical	2 0			
2	4 TH WEEK	4+2	Generations of Programming Languages , Structured Programming Language, Design and Implementation of Correct, Efficient and Maintainable Programs. Introduction to C : Structure of C Program ,Writing the first C Program, Files used in C Program		Teaching Class Practical	4 2			
3	5 th WEEK	4+2	Compiling and Executing C Programs , Using Comments , Keywords , Identifiers, Basic Data Types in C , Variables ,Constants , I/O Statements in C, Operators in C,		Teaching Class Practical	4 2			
MONTH: DECEMBER 2019									
4	1 ST WEEK	4+2	Programming Examples , Type Conversion and Type Casting . Decision Control and Looping Statements: Introduction to Decision Control Statements, Conditional Branching Statements		Teaching Class Practical	4 2			
5	2 ND WEEK	4+2	Iterative Statements .Nested Loops , Break and Continue Statement , goto Statement		Teaching Class Practical	4 2			
6	3 RD WEEK	2+0	I Mid Exams		Teaching Class Practical	0 0	Seminar	2	

7	4 TH WEEK	2+2	Functions: Introduction – using functions – Function declaration/ prototype – Function definition – function call – return statement – Passing parameters – Scope of variables –		Teaching Class Practical	2 2			
8	5 TH WEEK	1+0	Storage Classes –		Teaching Class Practical	1 0			
MONTH: JANUARY 2020									
9	1 ST WEEK	2+2	Recursive functions – Type of recursion – Towers of Hanoi – Recursion vs Iteration		Teaching Class Practical	2 2			
10	2 ND WEEK	4+2	Arrays: Introduction , Declaration of Arrays , Accessing elements of the Array , Storing Values in Array , Calculating the length of the Array, Operations on Array ,		Teaching Class Practical	3 2			
11	3 RD WEEK	0+0	PONGAL HOLIDAYS						
12	4 TH WEEK	4+2	One dimensional array for inter-function communication, Two dimensional Arrays , Operations on Two Dimensional Arrays , Two Dimensional Arrays for inter-function communication ,		Teaching Class Practical	4 2			
13	5 th WEEK	2+2	Multidimensional Arrays, Sparse Matrices		Teaching Class Practical	4 2	Seminar	2	
MONTH: FEBRUARY 2020									
14	1 ST WEEK	3+2	Strings: Introduction ,Suppressive Input , String Taxonomy , String Operations , Miscellaneous String and Character functions,		Teaching Class Practical	3 2			
15	2 ND WEEK	4+2	Pointers: Understanding Computer Memory – Introduction to Pointers – declaring Pointer Variables – Pointer Expressions and Pointer Arithmetic – Null Pointers – Generic Pointers - Passing Arguments to Functions using Pointer –		Teaching Class Practical	4 2			

16	3 RD WEEK	4+2	Pointer and Arrays – Passing Array to Function – Difference between Array Name and Pointer – Pointers and Strings – Array of pointers – Pointer and 2D Arrays – Pointer and 3D Arrays – Function Pointers –		Teaching Class Practical	4 2				
17	4 th WEEK	2+0	Array Of Function Pointer – Pointers to Pointers – Memory Allocation in C Programs – Memory Usage – Dynamic Memory Allocation – Drawbacks of Pointers II Mid Exams		Teaching Class Practical	2 0				
MONTH: MARCH 2020										
18	1 ST WEEK	4+2	Structure, Union, and Enumerated Data Types: Introduction – Nested Structures – Arrays of Structures – Structures and Functions – Self referential Structures – Union – Arrays of Unions Variables – Unions inside Structures – Enumerated Data Types,		Teaching Class Practical	4 2				
19	2 ND WEEK	4+2	Files: Introduction to Files, Using Files in C, Reading Data from Files, Writing Data from Files, Detecting the End-of-file,		Teaching Class Practical	4 2				
20	3 RD WEEK	4+2	Error Handling during File Operations Accepting Command Line Arguments, Functions for Selecting a Record Randomly, Remove(), Renaming a File, Creating a Temporary File		Teaching Class Practical	4 2				
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2020							
22	5 th WEEK		SEMESTER END EXAMINATIONS - 2020							
MONTH: APRIL 2020										
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2020							
24	2 ND WEEK		PRACTICAL EXAMINATIONS - 2020							


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER III: OBJECT ORIENTED PROGRAMMING USING JAVA (Code: 1632403)

Semester : III

CLASS: II B.Sc., (M.P.CS.)

NAME OF THE LECTURER:G.S.Ratna Kumari

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE 2019									
1	2 ND WEEK	3 + 2	FUNDAMENTALS OF OBJECT – ORIENTED PROGRAMMING :Introduction, Object Oriented paradigm.Basic Concepts of OOP, Benefits of OOP, Applications of OOP		Teaching Class Practical	3 2			
2	3 RD WEEK	4 + 2	Java features: OVERVIEW OF JAVA LANGUAGE : Introduction, Simple Java program structure.		Teaching Class Practical	4 2			
3	4 TH WEEK	4 + 2	Java tokens, Java Statements, Implementing a Java Program, Java Virtual Machine, Command line arguments.		Teaching Class Practical	4 2			
MONTH: JULY 2019									
4	1 ST WEEK	4 + 2	CONSTANTS, VARIABLES & DATA TYPES : Introduction, Constants, Variables, Data Types, Declaration of Variables, Giving Value to Variables, Scope of variables, Symbolic Constants, Type casting, Getting Value of Variables, Standard Default values.		Teaching Class Practical	4 2			
5	2 ND WEEK	4 + 2	OPERATORS & EXPRESSIONS, DECISION MAKING & BRANCHING : Introduction, Decision making with if statement, Simple if statement, if. Else statement, Nesting of if. else statements, the else if ladder		Teaching Class Practical	4 2			

6	3 RD WEEK	4 + 2	The switch statement, the conditional operator. LOOPING: Introduction, The While statement, the do-while statement, the for statement, Jumps in loops.		Teaching Class Practical	4 2			
7	4 TH WEEK	2 + 2	Creating objects, Accessing class members, Constructors, Method overloading, I MID EXAMS		Teaching Class Practical	2 2			
8	5 th WEEK	1 + 0	Static members, Nesting of methods.		Teaching Class Practical	1 0			
MONTH: AUGUST 2019									
9	1 ST WEEK	2 + 0	INHERITANCE: Extending a class, Overloading methods.		Teaching Class Practical	2 0			
10	2 ND WEEK	4 + 2	Final variables and methods, Final classes, Abstract methods and classes.		Teaching Class Practical	4 2			
11	3 RD WEEK	3 + 2	ARRAYS, STRINGS AND VECTORS: Arrays, One-dimensional arrays, Creating an array, Two – dimensional arrays, Strings, Vectors and wrapper classes		Teaching Class Practical	3 2			
12	4 TH WEEK	3 + 2	INTERFACES: MULTIPLE INHERITANCE: Introduction, Defining interfaces, Extending interfaces, Implementing interfaces, Accessing interface variables.		Teaching Class Practical	3 2			
13	5 th WEEK	4 + 2	MULTITHREADED PROGRAMMING: Introduction, Creating Threads, Extending the Threads, Stopping and Blocking a Thread, Lifecycle of a Thread, Using Thread Methods.		Teaching Class Practical	4 2			
MONTH: SEPTEMBER 2019									
14	1 ST WEEK	3 + 2	Thread Priority. Synchronization, Implementing the 'Runnable Interface'.		Teaching Class Practical	2 2	Book Reviews	1	
15	2 ND WEEK	2 + 2	MANAGING ERRORS AND EXCEPTIONS: Types of errors : Compile-time errors, Run-time errors.		Teaching Class Practical	2 2			

16	3 RD WEEK	2 + 0	II Mid Exams Exceptions, Exception handling. Multiple catch statements, Using finally statement.		Teaching Class Practical	2 0			
17	4 th WEEK	4 + 2	APPLET PROGRAMMING: local and remote applets, Applets and Applications, Building Applet code, Applet Life cycle: Initialization state, Running state, Idle or stopped state, Dead state, Display state.		Teaching Class Practical	4 2			
MONTH: OCTOBER 2019									
18	1 ST WEEK	3 + 2	PACKAGES: Introduction, Java API Packages, Using system packages, Naming conversions, Creating Packages, Accessing a Package, using a Package.		Teaching Class Practical	2 2	Book Reviews	1	
19	2 ND WEEK	0 + 0	DASARA HOLIDAYS						
20	3 RD WEEK	4 + 2	MANAGING INPUT/OUTPUT FILES IN JAVA: Introduction, Concept of Streams, Stream classes, Byte Stream Classes, Input Stream Classes, Output Stream Classes, Character Stream classes: Reader stream classes, Writer Stream classes, Using Streams, Reading and writing files.		Teaching Class Practical	4 2			
21	4 th WEEK		SEMESTER END EXAMINATIONS-2019						
MONTH: NOVEMBER 2019									
22	1 ST WEEK		SEMESTER END EXAMINATIONS-2019						
23	2 ND WEEK		PRACTICAL EXAMINATIONS - 2019						


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER IV: DATA STRUCTURES(Code: 1642404)

Semester : IV


CLASS: II B.Sc., (M.P.CS.)

NAME OF THE LECTURER: *SHARMA A SHARMA*

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER 2019									
1	3 RD WEEK	2 + 2	Concept of Abstract Data Types (ADTs)- Data Types, Data Structures, Storage Structures, and File Structures.		Teaching Class Practical	2 2			
2	4 TH WEEK	4 + 2	Primitive and Non-primitive Data Structures, Linear and Non-linear Data Structures. Linear Lists – ADT, Array and Linked representations, Pointers.		Teaching Class Practical	4 2			
3	5 th WEEK	4 + 2	Arrays – ADT, Mappings, Representations, Sparse Matrices, Sets – ADT, Operations		Teaching Class Practical	4 2			
MONTH: DECEMBER 2019									
4	1 ST WEEK	4 + 2	Linked Lists: Single Linked List, Double Linked List, Circular Linked List , applications		Teaching Class Practical	4 2			
5	2 ND WEEK	4 + 2	Stacks: Definition, ADT, Array and Linked representations, Implementations, Applications of stacks.		Teaching Class Practical	4 2			
6	3 RD WEEK	2 + 0	Revision I Mid Exams		Teaching Class Practical	1 0	Group Discussion	1	

7	4 TH WEEK	2 + 2	Queues: Definition, ADT, Array and Linked representations, Circular Queues,		Teaching Class Practical	2 2			
8	5 TH WEEK	1 + 0	Dequeues,		Teaching Class Practical	1 0			
MONTH: JANUARY 2020									
9	1 ST WEEK	2 + 2	Priority Queues, Implementations and Applications.		Teaching Class Practical	2 2			
10	2 ND WEEK	3 + 2	Trees: Binary Tree, Definition, Properties.		Teaching Class Practical	3 2			
11	3 RD WEEK	0+0	PONGAL HOLIDAYS						
12	4 TH WEEK	4 + 2	Binary Search Trees (BST) – Definition, ADT.		Teaching Class Practical	3 2	Group Discussion	1	
13	5 th WEEK	4 + 2	Operations and Implementations, BST Applications.		Teaching Class Practical	3 2	Group Discussion	1	
MONTH: FEBRUARY 2020									
14	1 ST WEEK	3 + 2	Threaded Binary Trees,		Teaching Class Practical	3 2			
15	2 ND WEEK	4 + 2	Heap trees. Graphs – Graph and its Representation. Graph Traversals,		Teaching Class Practical	4 2			
16	3 RD WEEK	4 + 2	Connected Components, Basic Searching Techniques.		Teaching Class Practical	4 2			

17	4 th WEEK	2 + 2	Minimal Spanning Trees. II Mid Exams		Teaching Class Practical	2 2			
MONTH: MARCH 2020									
18	1 ST WEEK	4 + 2	Sorting and Searching: Selection, Insertion, Bubble Sort,		Teaching Class Practical	4 2			
19	2 ND WEEK	3 + 2	Merge Sort, Quick Sort,		Teaching Class Practical	3 2			
20	3 RD WEEK	4 + 2	Heap sort, Sequential and Binary Searching.		Teaching Class Practical	4 2			
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2020						
22	5 th WEEK		SEMESTER END EXAMINATIONS - 2020						
MONTH: APRIL 2020									
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2020						
24	2 ND WEEK		PRACTICAL EXAMINATIONS - 2020						


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER V: DataBase Management System(Code: 1652405)

Semester : V

CLASS: III B.Sc., (M.P.CS.)

Name of the Lecturer : M.V.V.Chowdary,P.N.Malleswari

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE 2019									
1	2 ND WEEK	3+2	Overview of Database Management System: Introduction, file-based system, Drawbacks of file-Based System ,Data and information, Database, Database Management System, Objectives of DBMS,		Teaching Class Practical	3 2			
2	3 RD WEEK	3+2	Evolution of Database Management System, Classification of Database Management System, DBMS Approach, advantages of DBMS,		Teaching Class Practical	3 2			
3	4 TH WEEK	3+2	Anis/spark Data Model, data models, Components and Interfaces of Database Management System. Database Architecture,		Teaching Class Practical	3 2			
MONTH: JULY 2019									
4	1 ST WEEK	3+2	Entity-Relationship Model: Introduction, the building blocks of an entity relationship diagram, classification of entity sets, attribute classification, relationship degree,		Teaching Class Practical	2 2	Seminar	1	
5	2 ND WEEK	3+2	relationship classification, reducing ER diagram to tables, enhanced entity-relationship model (EER model), generalization and specialization,		Teaching Class Practical	3 2			

6	3 RD WEEK	3+2	IS A relationship and attribute inheritance, multiple inheritance, constraints on specialization and generalization, aggregation and composition, entity clusters, connection types, advantages of ER modeling.		Teaching Class Practical	3 2			
7	4 TH WEEK	2+2	Relational Model: Introduction, CODD Rules, relational data model, concept of key, relational integrity, I Mid Exams		Teaching Class Practical	2 2			
8	5 th WEEK	1+0	relational algebra, relational algebra operations,		Teaching Class Practical	1 0			
MONTH: AUGUST 2019									
9	1 ST WEEK	1+0	advantages of relational algebra, limitations of relational algebra, relational calculus,		Teaching Class Practical	1 0			
10	2 ND WEEK	3+2	tuple relational calculus, Domain Relational Calculus (DRC). QBE		Teaching Class Practical	3 2			
11	3 RD WEEK	2+2	Structured Query Language: Introduction, History of SQL Standard, Commands in SQL, Data Types in SQL,		Teaching Class Practical	2 2			
12	4 TH WEEK	3+2	Data Definition Language, Selection Operation, Projection Operation, Aggregate functions,		Teaching Class Practical	3 2			
13	5 th WEEK	3+2	Data Manipulation Language, Table Modification Commands, Table Truncation,		Teaching Class Practical	3 2			
MONTH: SEPTEMBER 2019									
14	1 ST WEEK	3+2	Imposition of Constraints, Join Operation, Set Operation,		Teaching Class Practical	3 2			

15	2 ND WEEK	2+2	View, Sub Query, Embedded SQL		Teaching Class Practical	2 2			
16	3 RD WEEK	1+0	II Mid Exams		Teaching Class Practical	0 0	Seminar	1	
17	4 th WEEK	3+2	PL/SQL: Introduction, Shortcoming in SQL, Structure of PL/SQL, PL/SQL Language Elements, Data Types, Operators Precedence,		Teaching Class Practical	3 2			
MONTH: OCTOBER 2019									
19	1 ST WEEK	2+2	Control Structure, Steps to Create a PL/SQL, Program, Iterative Control, Cursors, Steps to create a Cursors,		Teaching Class Practical	2 2			
20	2 ND WEEK	0+0	DASARA HOLIDAYS						
21	3 RD WEEK	3+2	Procedure, Function, Packages, Exceptions Handling, Database Triggers, Types of Triggers.		Teaching Class Practical	3 2			
22	4 th WEEK		SEMESTER END EXAMINATIONS - 2019						
MONTH: NOVEMBER 2019									
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019						
24	2 ND WEEK		PRACTICAL EXAMINATIONS - 2019						


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER VI: Software Engineering(Code: 1652406)

Semester : V

CLASS: III B.Sc., (M.P.CS.)

Name of the Lecturer : V Lalitha

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE 2019									
1	2 ND WEEK	3+2	Introduction to Software Engineering, Software Engineering project Management, Process paradigms, Project Metrics,		Teaching Class Practical	3 2			
2	3 RD WEEK	3+2	Software Estimation, Emperical Estimation models, Planning and Risk Analysis,		Teaching Class Practical	3 2			
3	4 TH WEEK	3+2	Project scheduling, Requirement Engineering Processes – Feasibility Study – Problem of Requirements		Teaching Class Practical	3 2			
MONTH: JULY 2019									
4	1 ST WEEK	3+2	Software Requirement Analysis – Analysis Concepts and Principles		Teaching Class Practical	2 2	Seminar	1	
5	2 ND WEEK	3+2	Analysis Process – Analysis Model, Software design - Abstraction - Modularity		Teaching Class Practical	3 2			
6	3 RD WEEK	3+2	Software Architecture - Effective modular design - Cohesion and Coupling		Teaching Class Practical	3 2			

7	4 TH WEEK	2+2	Architectural design and Procedural design , I Mid Exams		Teaching Class Practical	2 2			
8	5 th WEEK	1+0	Data flow oriented design explain with Examples.		Teaching Class Practical	1 0			
MONTH: AUGUST 2019									
9	1 ST WEEK	1+0	User interface design - Human factors		Teaching Class Practical	1 0			
10	2 ND WEEK	3+2	Human computer interaction - Human - Computer Interface design ,Interface design standrads		Teaching Class Practical	3 2			
11	3 RD WEEK	2+2	Software Quality Assurance , Quality metrics-		Teaching Class Practical	2 2			
12	4 TH WEEK	3+2	Software ReliabilitySoftware testing - Path testing		Teaching Class Practical	2 2	Seminar	1	
13	5 th WEEK	3+2	Control Structures testing - Black Box testing		Teaching Class Practical	3 2			
MONTH: SEPTEMBER 2019									
14	1 ST WEEK	2+2	Integration, Validation and system testing ,		Teaching Class Practical	2 2			
15	2 ND WEEK	2+2	Reverse Engineering and Reengineering.		Teaching Class Practical	2 2			

16	3 RD WEEK	1+0	II Mid Exams		Teaching Class Practical	0 0	Seminar	1	
17	4 th WEEK	3+2	CASE tools- project management tools , Analysis tools and design tools,		Teaching Class Practical	3 2			
MONTH: OCTOBER 2019									
19	1 ST WEEK	2+2	programming tools, Integraton and testing tools ,		Teaching Class Practical	2 2			
20	2 ND WEEK	0+0	DASARA HOLIDAYS						
21	3 RD WEEK	3+2	case studies		Teaching Class Practical	3 2			
22	4 th WEEK		SEMESTER END EXAMINATIONS - 2019						
MONTH: NOVEMBER 2019									
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019						
24	2 ND WEEK		PRACTICAL EXAMINATIONS - 2019						

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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER VII(C): Web Technologies (Code: 1662409)

Semester : VI

CLASS: III B.Sc., (M.P.CS.)

Name of the Lecturer : PN Mallewari

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER 2019									
1	3 rd WEEK	2+2	HTML: Basic HTML, Document body, Text, Hyper links, adding more formatting,		Teaching Class Practical	2 2			
2	4 th WEEK	3+2	Lists, Tables using images. More HTML: Multimedia objects, Frames		Teaching Class Practical	3 2			
3	5 th WEEK	3+2	Forms towards interactive, HTML document heading detail		Teaching Class Practical	3 2			
MONTH: DECEMBER 2019									
4	1 ST WEEK	3+2	Cascading Style Sheets: Introduction, using Styles, simple examples, your own styles,		Teaching Class Practical	3 2			
5	2 ND WEEK	3+2	properties and values in styles, style sheet, formatting blocks of information		Teaching Class Practical	3 2			
6	3 RD WEEK	1+2	Revision I Mid Exams		Teaching Class Practical	1 2			
7	4 TH WEEK	3+2	layers with examples		Teaching Class Practical	3 2			
MONTH: JANUARY 2020									
8	1 ST WEEK	2+2	Introduction to JavaScript: What is DHTML, JavaScript,		Teaching Class Practical	2 2			
9	2 ND WEEK	3+2	basics, variables, string manipulations		Teaching Class Practical	2 2	Guest lecture	1	
10	3 RD WEEK	0+0	PONGAL HOLIDAYS						

11	4 TH WEEK	3+2	mathematical functions, statements		Teaching Class Practical	3 2			
12	5 th WEEK	3+2	operators, arrays		Teaching Class Practical	3 2			
MONTH: FEBRUARY 2020									
13	1 ST WEEK	3+2	Objects in JavaScript: Data and object in JavaScript, regular expressions, Exception handling,		Teaching Class Practical	3 2			
14	2 ND WEEK	3+2	DHTML with JavaScript: Data validation, opening a new window, messages and confirmations, the status bar,		Teaching Class Practical	3 2			
15	3 RD WEEK	2+2	different frames, rollover buttons,		Teaching Class Practical	2 2			
16	4 th WEEK	1+0	moving images II Mid Exams		Teaching Class Practical	1 0			
MONTH: MARCH 2020									
17	1 ST WEEK	3+2	XML: defining data for web applications		Teaching Class Practical	3 2			
18	2 ND WEEK	2+2	basic XML, document type definition		Teaching Class Practical	2 2			
19	3 RD WEEK	3+2	presenting XML, document object model. Web Services		Teaching Class Practical	3 2			
20	4 th WEEK		SEMESTER END EXAMINATIONS - 2020						
21	5 th WEEK		SEMESTER END EXAMINATIONS - 2020						
MONTH: APRIL 2020									
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2020						
23	2 ND WEEK		PRACTICAL EXAMINATIONS - 2020						

P. N. Malleswari
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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER VIII(C-1): PHP & MySQL, WordPress(Code: 1662416)

Semester : VI

CLASS: III B.Sc., (M.P.CS.)

Name of the Lecturer : M.V.V.Chowdary

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER 2019									
1	3 rd WEEK	2+2	Installing and Configuring MySQL: Current and Future Versions of MySQL, How to Get MySQL, Installing MySQL on Windows. Introducing MySQL Privilege System, Working with User Privileges.		Teaching Class Practical	2 2			
2	4 th WEEK	3+2	Installing and Configuring Apache: Current and future versions of Apache, Choosing the Appropriate Installation Method, Installing Apache on Linux, Windows, Apache Configuration File Structure, Apache Log Files, Apache Related Commands, Trouble Shooting. Installing and Configuring PHP: Building PHP on Linux with Apache. Windows. php.ini. Basics.		Teaching Class Practical	3 2			
3	5 th WEEK	3+2	The Basics of PHP scripts. The Building blocks of PHP: Variables, Data Types, Operators and Expressions, Constants.		Teaching Class Practical	3 2			
MONTH: DECEMBER 2019									
4	1 ST WEEK	3+2	Control Functions in PHP: Switching Flow, Loops, Code Blocks and Browser Output.		Teaching Class Practical	3 2			
5	2 ND WEEK	3+2	Working with Functions: What is function? Calling functions, Defining Functions, Returning the values from User-Defined Functions, Variable Scope, Saving state between Function calls with the static statement		Teaching Class Practical	3 2			

6	3 RD WEEK	1+0	Working with Arrays: What are Arrays? Arrays, Some Array-Related Functions. I Mid Exams		Teaching Class Practical	1 0			
7	4 TH WEEK	3+2	Working with Objects: Creating Objects, Object Instance, Working with Strings, Dates and Time: Formatting strings with PHP, Investigating Strings with PHP, Manipulating Strings with PHP, Using Date and Time Functions in PHP.		Teaching Class Practical	3 2			
MONTH: JANUARY 2020									
8	1 ST WEEK	2+2	Working with Forms: Creating Forms, Accessing Form Input with User defined Arrays, Combining HTML and PHP code on a single Page,		Teaching Class Practical	2 2			
9	2 ND WEEK	3+2	Sending Mail on Form Submission, Working with File Uploads.		Teaching Class Practical	2 2	Guest lecture	1	
10	3 RD WEEK	0+0	PONGAL HOLIDAYS						
11	4 TH WEEK	3+2	Working with Cookies and User Sessions: Introducing Cookies, Setting a Cookie with PHP, Session Function Overview, Starting a Session,		Teaching Class Practical	3 2			
12	5 th WEEK	3+2	Working with session variables, passing session IDs in the Query String, Destroying Sessions and Unsetting Variables,		Teaching Class Practical	3 2			
MONTH: FEBRUARY 2020									
13	1 ST WEEK	3+2	Using Sessions in an Environment with Registered Users. Working with Files. Introduction to MySQL :Understanding the Database Design Process: The Importance of Good Database Design, Types of Table Relationships,		Teaching Class Practical	3 2			
14	2 ND WEEK	3+2	Understanding Normalization. Learning basic SQL Commands: Learning the MySQL Data types, Learning the Table Creation Syntax, Using Insert Command,		Teaching Class Practical	3 2			

15	3 RD WEEK	3+2	Using SELECT Command, Using WHERE in your Queries, Selecting from Multiple Tables, Using the UPDATE command to modify records, Using RELACE Command, Using the DELETE Command, Frequently used string functions in MySQL,		Teaching Class Practical	3 2			
16	4 th WEEK	1+0	Using Date and Time Functions in MySQL. II Mid Exams		Teaching Class Practical	1 0			
MONTH: MARCH 2020									
17	1 ST WEEK	3+2	Interacting with MySQL using PHP: MySQL Versus MySQLi Functions, Connecting to MySQL with PHP, Working with MySQL Data. Creating an Online Address Book: Planning and Creating Database Tables, Creating Menu,		Teaching Class Practical	3 2			
18	2 ND WEEK	3+2	Creating Record Addition Mechanism, Viewing Records, Creating the Record Deletion Mechanism, WordPress: Introduction to WordPress,		Teaching Class Practical	3 2			
19	3 RD WEEK	3+2	servers like wamp, bitnami etc, installing and configuring WordPress, understanding admin panel, working with posts and pages, using editor, text formatting with shortcuts. Customizing the site, changing the appearance of site using CSS.		Teaching Class Practical	3 2			
20	4 th WEEK		SEMESTER END EXAMINATIONS - 2020						
21	5 th WEEK		SEMESTER END EXAMINATIONS - 2020						
MONTH: APRIL 2020									
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2020						
23	2 ND WEEK		PRACTICAL EXAMINATIONS - 2020						


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TABLE - A - CURRICULUM PLAN - LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

Paper – VIII(C-2) : Advanced Java Script (Code: 1662417)

Semester : VI

CLASS: III B.Sc., (M.P.CS.)

NAME OF THE LECTURER: V.Lalita

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER 2019									
1	3 rd WEEK	2+2	JQuery – Basics-String, Numbers, Boolean, Objects, Arrays, Functions, Arguments, Scope, Built-in Functions.		Teaching Class Practical	2 2			
2	4 th WEEK	3+2	jQuery – Selectors, jQuery – DOM Attributes: Get Attribute Value, Set Attribute Value. jQuery –		Teaching Class Practical	3 2			
3	5 th WEEK	3+2	DOM Traversing :: Find Elements by index, Filtering out Elements, Locating Descendent Elements, JQuery DOM Traversing Methods		Teaching Class Practical	3 2			
MONTH: DECEMBER 2019									
4	1 ST WEEK	3+2	jQuery – CSS Methods ,– DOM Manipulation Methods		Teaching Class Practical	3 2			
5	2 ND WEEK	3+2	jQuery – Events , jQuery – Effects, Intro to jQuery UI, Need of jQuery UI in real web sites, Downloading jQuery UI,		Teaching Class Practical	3 2			
6	3 RD WEEK	1+2	Revision I Mid Exams		Teaching Class Practical	1 2			

7	4 TH WEEK	3+2	Importing jQuery UI, Draggable, Droppable, Resizable, Selectable, Sortable, Accordion,		Teaching Class Practical	3 2			
MONTH: JANUARY 2020									
8	1 ST WEEK	2+2	Auto Complete, Button Setv, Date Picker, Dialog, Menu, Progress Bar, Slider, Spinner, Tabs, Tooltip, Color Animation, Easing Effects,		Teaching Class Practical	2 2			
9	2 ND WEEK	3+2	addClass, removeClass, Effects, jQuery UI themes, Customizing jQuery UI widgets / plug-ins, jQuery UI with CDN, Consuming jQuery Plug-ins from 3rd party web sites jQuery Validations, Intro to jQuery validation plug-in,		Teaching Class Practical	2 2	Guest lecture	1	
10	3 RD WEEK	0+0	PONGAL HOLIDAYS						
11	4 TH WEEK	3+2	Using jQuery validation plug-in, Regular expressions. Intro to AJAX, Need of AJAX in real web sites,		Teaching Class Practical	3 2			
12	5 th WEEK	3+2	Getting database data using jQuery-AJAX, Inserting, Updating, Deleting database data using jQuery-AJAX Grid Development using jQuery-AJAX		Teaching Class Practical	3 2			
MONTH: FEBRUARY 2020									
13	1 ST WEEK	3+2	Intro to JSON JSON syntax, Need of JSON in real web sites, JSON object, JSON array, Complex JSON objects, Reading JSON objects using jQuery.		Teaching Class Practical	3 2			
14	2 ND WEEK	3+2	Intro to AngularJS, Need of AngularJS in real web sites, Downloading AngularJS, AngularJS first example, AngularJS built-in directives, AngularJS expressions, AngularJS modules, AngularJS controllers,		Teaching Class Practical	3 2			

15	3 RD WEEK	3+2	AngularJS scope AngularJS dependency injection AngularJS, bootstrapping, AngularJS data bindings, AngularJS \$watch, AngularJS filters, AngularJS events, AngularJS AJAX, Ng-repeat,		Teaching Class Practical	3 2			
16	4 th WEEK	2+2	AngularJS with json arrays, AngularJS registration form and login form, II Mid Exams		Teaching Class Practical	2 2			
MONTH: MARCH 2020									
17	1 ST WEEK	3+2	AngularJS CRUD operations, AngularJS Animations, AngularJS validationsv AngularJS \$q, AngularJS custom values,		Teaching Class Practical	3 2			
18	2 ND WEEK	3+2	AngularJS custom factories, AngularJS custom services, AngularJS custom directives,		Teaching Class Practical	3 2			
19	3 RD WEEK	3+2	AngularJS custom providers, AngularJS Routing, AngularUI Routing.		Teaching Class Practical	3 2			
20	4 th WEEK		SEMESTER END EXAMINATIONS - 2020						
21	5 th WEEK		SEMESTER END EXAMINATIONS - 2020						
MONTH: APRIL 2020									
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2020						
23	2 ND WEEK		PRACTICAL EXAMINATIONS - 2020						

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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER: ICT-2 Internet Fundamentals and Web Tools(code:1630205)

CLASS: II B.Sc, II B.A, II B.Com., II B.B.A.

NAME OF THE LECTURER: M.N.Jyothi,B.Satya Devi,Ch.AnuRadha,S.P.L.Pavani,G.Naga.Lakshmi,

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE 2019									
1	2 ND WEEK	2	Fundamental of Internet:Networking Concepts, Data Communication, Types of Networking		Teaching Class	2			
2	3 RD WEEK	2	Intetnet Addressing and Internet Services		Teaching Class	2			
3	4 TH WEEK	2	Computer viruses and Types of Browsers		Teaching Class	2			
MONTH: JULY 2019									
4	1 ST WEEK	2	Internet Applications:Using Internet Explorer,Standard Internet Explorer Buttons,Entering website address		Teaching Class	2			
5	2 ND WEEK	2	Introduction to Social Networking: Twitter, Tumblr, LinkedIn,Facebook, Flickr, Skype, yahoo, Youtube, WhatsApp etc.,		Teaching Class	2			
6	3 RD WEEK	2	Facebook and Whas App Features, Twitter LinkedIn,Skype Features		Teaching Class	2			

7	4 TH WEEK	1	E-Mail: Definition of E-Mail, Advantages and Disadvantages, I MID EXAMS		Teaching Class	1			
8	5 th WEEK	1	User ID,passwords, Domain Names, Mailers,		Teaching Class	1			
MONTH: AUGUST 2019									
9	1 ST WEEK	1	Message Components, Message Composition		Teaching Class	1			
10	2 ND WEEK	2	Mail Management,E-Mail Inner Working.		Teaching Class	2			
11	3 RD WEEK	2	WWW: Web Applications,Web Termonologies		Teaching Class	2			
12	4 TH WEEK	2	Web Browsers,URL-Components		Teaching Class	2			
13	5 th WEEK	2	Searching WWW, Search Engine and Examples		Teaching Class	2			
MONTH: SEPTEMBER 2019									
14	1 ST WEEK	2	Basic HTML:Basic HTML, Web Terminology,		Teaching Class	2			
15	2 ND WEEK	1	Structure of HTML		Teaching Class	1			

16	3 RD WEEK	1	Revision II Mid Examinations		Teaching Class	1			
17	4 th WEEK	2	HTML Document, Heading Body ,font,Image and Anchor Tags and some other tags in html.		Teaching Class	2			
MONTH: OCTOBER 2019									
18	1 ST WEEK	2	Different Types of Lists using tags and Example program		Teaching Class	2			
19	2 ND WEEK	0	DASARA HOLIDAYS						
20	3 RD WEEK	2	CreateTable using HTML Code and Example Program, Create Image using HTML code and Example Program		Teaching Class	2			
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2019						
MONTH: NOVEMBER 2019									
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019						

H. Naga Jothi
SIGNATURE OF THE LECTURER

S. P. C. Parvathi
Ch. Anuradha
B. Satyashree

M. S. S. S. S.
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TABLE - A - CURRICULUM PLAN - LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER: ICT-1 COMPUTER FUNDAMENTALS AND OFFICE TOOLS (Code:162020)

CLASS: I B.Sc., 1 B.A., 1 B.Com., I B.B.A.

NAME OF THE LECTURER: G. NAGA LAKSHMI


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE		ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER 2019									
1	3 RD WEEK	1	Basics of Computers: Definition of computer, Characteristics and Applications of computer		Teaching Class	1			
2	4 TH WEEK	2	Block Diagram of a Digital computer, Classifications of Computer based on size and working		Teaching Class	2			
3	5 th WEEK	2	Central processing unit and I/o Devices		Teaching Class	2			
MONTH: DECEMBER 2019									
4	1 ST WEEK	2	Primary, Auxilary and Cache Memory, Memory Devices		Teaching Class	2			
5	2 ND WEEK	2	Software, Hardware, Firmware and Peopleware - Definition and Types of Operating System		Teaching Class	2			
6	3 RD WEEK	1	Revision I MID EXAMS		Teaching Class	1			

7	4 TH WEEK	2	Functions of Operating System, MS-DOS-MS Windows		Teaching Class	2			
MONTH: JANUARY 2020									
8	1 ST WEEK	1	Desktop, Computer, Documents,		Teaching Class	1			
9	2 ND WEEK	2	pictures, Music, Videos, Recycle Bin Task Bar,- Control Panel		Teaching Class	2			
10	3 RD WEEK	0	Pongal Holidays						
11	4 TH WEEK	2	MS-WORD: Features of MS-Word, MS-Word window components, Creating, Editing Formating and printing of Documents		Teaching Class	2			
12	5 th WEEK	2	Headers and Footers-Insert/Draw Tables		Teaching Class	2			
MONTH: FEBRUARY 2020									
13	1 ST WEEK	2	Shading, inserting symbols and shapes Word Art, Page Numbers, Equations-Spelling and Grammar-Thesaurus		Teaching Class	2			
14	2 ND WEEK	2	MS-PowerPoint: Features of PowerPoint, Creating a Blank Presentation- Creating Presentation using a Template		Teaching Class	2			
15	3 RD WEEK	2	Inserting and Deleting Slides in a Presentation Adding ClipArt/Pictures, Inserting Other Objects, Audio, Video.		Teaching Class	2			
16	4 th WEEK	1	Resizing and Scaling of an Object Slide Transition- II Mid Exams		Teaching Class	1			

MONTH: MARCH 2020									
17	1 ST WEEK	2	Custom Animation, MS-Excel: Overview of Excel Features-Creating a new worksheet, Selecting cells,		Teaching Class	2			
18	2 ND WEEK	2	Entering and editing Text, Numbers,Formulae,Referencing Cells,Inserting Rowa/Columns-		Teaching Class	2			
19	3 RD WEEK	2	Changing column width and row heightsAuto Format,changing font sizws,colors,shading,Functions, charts		Teaching Class	2			
20	4 th WEEK		SEMESTER END EXAMINATIONS - 2020						
21	5 th WEEK		SEMESTER END EXAMINATIONS - 2020						
MONTH: APRIL 2020									
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2020						


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER : Web Technologies

CLASS: III B.Com(Vocational)


Name of the Lecturer :P.N.Malleswari

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE 2019									
1	2 ND WEEK	4	Introduction: HTML, XML, and WWW, Topologies, Bus, Star, Ring, Hybrid, Tree		Orientation Class Teaching Class	1 3			
2	3 RD WEEK	5	Lan, Wan, Man, HTML: Basic HTML, Document body, Text, Hyper links		Teaching Class	5			
3	4 TH WEEK	5	Structure of HTML document, the Basic webpage with examples		Teaching Class	5			
MONTH: JULY 2019									
4	1 ST WEEK	5	Adding more formatting, Lists and ordered lists, Nested Lists Tables using colors and images Multimedia objects.		Teaching Class	5			
5	2 ND WEEK	4	Frames, the HTML document Head in Detail forms toward interactivity.		Teaching Class	4			
6	3 RD WEEK	5	Introduction to Cascading style sheets using Styles, simple examples, your own styles Properties and values in styles style sheet		Teaching Class	4	Seminar	1	
7	4 TH WEEK	2	I Mid Exams, formatting blocks of information		Teaching Class	2			
8	5 TH WEEK	2	Style sheet a worked example Introduction to JavaScript		Teaching Class	2			
MONTH: AUGUST 2019									
9	1 ST WEEK	1	What is DHTML, JavaScript, basics.		Teaching Class	1			

10	2 ND WEEK	4	Variables,String manipulations,mathematical		Teaching Class	4			
11	3 RD WEEK	3	functions, statements,operators.		Teaching Class	3			
12	4 TH WEEK	4	Arrays, functions.		Teaching Class	4			
13	5 th WEEK	5	Objects in JavaScript: Data and objects in JavaScript		Teaching Class	5			
MONTH: SEPTEMBER 2019									
14	1 ST WEEK	4	Regular expressions,Exception handling		Teaching Class	4			
15	2 ND WEEK	3	built-in objects, events.		Teaching Class	3			
16	3 RD WEEK	2	II Mid Exams , DHTML with JavaScript:		Teaching Class	2			
17	4 th WEEK	5	Data validation, opening a new window, messages and confirmations,		Teaching Class	4	Seminar	1	
MONTH: OCTOBER 2019									
18	1 ST WEEK	3	moving images, multiple pages in single download		Teaching Class	3			
19	2 ND WEEK	0	Dasara Holidays						
20	3 RD WEEK	5	Text only menu system		Teaching Class	5			
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2019						
MONTH: NOVEMBER 2019									
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019						
23	2 ND WEEK		PRACTICAL EXAMINATIONS - 2019						


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER I: COMPUTER FUNDAMENTALS AND PHOTOSHOP

CLASS: I B.Com(Vocational)

Name of the Lecturer : CH.Anuradha


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CD-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE 2019									
1	3 RD WEEK	5	Introduction to computers, characteristics and limitations of computer, Block diagram of a computer.		Orientation Class Teaching Class	1 4			
2	4 th WEEK	5	types of computers, uses of computers, computer generations, Applications of computers.		Teaching Class	5			
MONTH: JULY 2019									
3	1 ST WEEK	5	Number systems : Binary, Octal, Decimal, and hexa decimal number system, Conversions from one number system to another number system.		Teaching Class	5			
4	2 ND WEEK	4	Input devices: Keyboard and Mouse, inputting data in other ways. Output devices: Monitors, Printers and Plotters types of Software: System software.		Teaching Class	4			
5	3 RD WEEK	5	Application software, commercial, open source, domain and free ware software, Memories: primary, secondary and cache memory.		Teaching Class	4	Seminar	1	
6	4 TH WEEK	2	I MID Exams , Windows basics: desktop, start menu, icons.		Teaching Class	2			

7	5 th WEEK	2	Introduction to Adobe Photoshop: Getting started with Photoshop.		Teaching Class	2			
MONTH: AUGUST 2019									
8	1 ST WEEK	1	creating and saving a document in Photoshop, page layout and back ground.		Teaching Class	1			
9	2 ND WEEK	5	Photoshop program window- title bar, menu bar, option bar, image window.		Teaching Class	5			
10	3 RD WEEK	4	image title bar, status bar, ruler, pallets,tool box, screen modes.		Teaching Class	4			
11	4 TH WEEK	4	saving files, reverting files, closing files. Images: working with images, image size and resolution, image editing.		Teaching Class	4			
12	5 th WEEK	5	colour modes and adjustments, Zooming & Panning an Image,Rulers, Guides & Grids- Cropping & Straightening an Image, image backgrounds,making selections.		Teaching Class	5			
MONTH: SEPTEMBER 2019									
13	1 ST WEEK	4	Colour manipulations:colour modes- Levels – Curves - Seeing Colour accurately - Patch tool.		Teaching Class	4			
14	2 ND WEEK	3	Working with tool box: working with pen tool, save and load selection- working with erasers-working with text and brushes. Cropping- Reading your palettes - Dust and scratches.		Teaching Class	3			
15	3 RD WEEK	2	II MID Exams Advanced Retouching- smoothing skin.		Teaching Class	2			

16	4 th WEEK	5	Layers: Working with layers- layer styles- opacity- adjustment layers,Filters: The filter menu, Working with filters- Editing your photo shoot.		Teaching Class	4	Seminar	1	
MONTH: OCTOBER 2019									
17	1 ST WEEK	4	Presentation –how to create adds , artistic filter,Blur filter, brush store filter, distort filters, noise filters, pixelate filters		Teaching Class	4			
18	2 ND WEEK		Dasara Holidays						
19	3 RD WEEK	5	light effects, difference clouds, sharpen filters, printing.		Teaching Class	5			
20	4 th WEEK		SEMESTER END EXAMINATIONS - 2019						
MONTH: NOVEMBER 2019									
21	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019						
22	2 ND WEEK		PRACTICAL EXAMINATIONS - 2019						


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER :DBMS

CLASS: III B.Com(Vocational)

Name of the Lecturer :Sharmila.Shaik

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE 2019									
1	2 ND WEEK	4	Introduction, Data and Information, Database, Database Management System, Objectives of DBMS		Orientation Class Teaching Class	1 3			
2	3 RD WEEK	5	Evolution of Database Management Systems		Teaching Class	5			
3	4 TH WEEK	5	Classification of Database Management System.		Teaching Class	5			
MONTH: JULY 2019									
4	1 ST WEEK	5	File-Based System, Drawbacks File-Based System DBMS Approach, Advantages of DBMS		Teaching Class	5			
5	2 ND WEEK	4	Data Models		Teaching Class	4			
6	3 RD WEEK	5	Components Of Database System,, Database Architecture		Teaching Class	4	Seminar	1	
7	4 TH WEEK	2	T MID Exams Introduction Entity–Relationship Model.		Teaching Class	2			
8	5 TH WEEK	1	An Entity– Relationship, Classification of Entity Sets		Teaching Class	1			
MONTH: AUGUST 2019									
9	1 ST WEEK	2	Attribute Classification, Relationship Degree, Relationship Classification		Teaching Class	2			
10	2 ND WEEK	4	Concept of Relational Integrity, Generalization and Specialization, aggregation and composition.		Teaching Class	4			

11	3 RD WEEK	3	CODD'S Rules		Teaching Class	3			
12	4 TH WEEK	4	Relational Data Model, Introduction, History of SQL Standard		Teaching Class	4			
13	5 th WEEK	5	Commands in SQL, Data types in SQL, Data Definition Language (DDL).		Teaching Class	4	Seminar	1	
MONTH: SEPTEMBER 2019									
14	1 ST WEEK	4	Selection Operation Projection Operation, Aggregate Functions.		Teaching Class	4			
15	2 ND WEEK	3	Data Manipulation Language, Table Modification, Table Truncation, Set Operations.		Teaching Class	3			
16	3 RD WEEK	2	II MID Exams, Imposition of Constraints.		Teaching Class	2			
17	4 th WEEK	5	Introduction, Structure of PL/SQL, PL/SQL Language Elements, Data Types, Control Structure, Steps to Create a PL/SQL Program, Iterative Control.		Teaching Class	5			
MONTH: OCTOBER 2019									
18	1 ST WEEK	3	Cursors , Steps to Create a Cursor , Procedure, Function , Packages.		Teaching Class	3			
19	2 ND WEEK		Dasara Holidays						
20	3 RD WEEK	5	Exceptions Handling, Database Triggers, Types of Triggers		Teaching Class	5			
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2019						
MONTH: NOVEMBER 2019									
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019						
23	2 ND WEEK		PRACTICAL EXAMINATIONS - 2019						


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER :Office Automation Tools

CLASS: II B.Com(Vocational)

Name of the Lecturer :B Satya Devi

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE 2019									
1	2 ND WEEK	4	Features of Ms-Excel, Parts of MS-Excel window, entering and editing data in worksheet		Orientation Class Teaching Class	1 3			
2	3 RD WEEK	5	number formatting in excel, different cell references, how to enter and edit formula in excel.		Teaching Class	5			
3	4 TH WEEK	5	auto fill and custom fill, printing options, Different formatting options, change row height , formulae and functions.		Teaching Class	5			
MONTH: JULY 2019									
5	1 ST WEEK	5	Functions: Meaning and advantages of functions,different types of functions available in Excel, financial functions		Teaching Class	5			
6	2 ND WEEK	4	date and time, engineering, statistical, math and trig, logical, text, information,		Teaching Class	4			
7	3 RD WEEK	5	look up and reference functions, operators in excel, Database functions.		Teaching Class	4	Seminar	1	

8	4 TH WEEK	1	I MID Exams , Introduction to charts		Teaching Class	1			
9	5 th WEEK	2	Parts of Charts		Teaching Class	2			
MONTH: AUGUST 2019									
10	1 ST WEEK	2	chart creation using wizard, chart operations,		Teaching Class	2			
11	2 ND WEEK	4	Different types of charts,data maps, graphs, data sorting, filtering. Excel sub totals, scenarios, what-if analysis		Teaching Class	4			
12	3 RD WEEK	4	Macro Meaning and advantages of Macros, creation, editing and deletion of macros Creating a macro, how to run, how to delete a macro.		Teaching Class	4			
13	4 TH WEEK	4	Creating a Simple Database and Tables: Features of Ms-Access,		Teaching Class	4			
14	5 th WEEK	5	Creating a Database, Parts of Access, Data Types and properties, adding, deleting fields, renaming the fields in a table.		Teaching Class	4	Seminar	1	
MONTH: SEPTEMBER 2019									
15	1 ST WEEK	4	table creation using design view, table wizard, The Form Wizard, design view, columnar, tabular, data sheet, chartwizard.		Teaching Class	4			
16	2 ND WEEK	3	data sheet view, import table, link table,Queries and Dynasts, Creating and using select queries..		Teaching Class	3			
17	3 RD WEEK	2	II MID Exams , Returning to the Query Design, Multilevel sorts.		Teaching Class	2			

18	4 th WEEK	5	Finding incomplete matches, showing records after Query, saving queries Crosstab Queries. Printing Reports: Simpletable. Form and Database Printing, Defining advanced Reports..		Teaching Class	5			
MONTH: OCTOBER 2019									
20	1 ST WEEK	3	Manual Reporting, Properties in Reports, Saving Reports, Relational Databases: Flat Versus Relational, Types of Relationships		Teaching Class	3			
21	2 ND WEEK		Dasara Holidays						
22	3 RD WEEK	5	Viewing Relationships, Defining and Redefining Relationships, Creating and Deleting Relationships.		Teaching Class	5			
23	4 th WEEK		SEMESTER END EXAMINATIONS - 2019						
MONTH: NOVEMBER 2019									
24	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019						
25	2 ND WEEK		PRACTICAL EXAMINATIONS - 2019						

B. Satyadevi
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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER : Programing in C

CLASS: II B.Com(Vocational)

Name of the Lecturer :G.R.Kumari

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER 2019									
1	2 ND WEEK	3	Introduction to Algorithms and programing languages: Algorithm,key features of algorithm,some more algorithms,flow charts		Orientation Class Teaching Class	1 2			
2	3 RD WEEK	5	Introduction to C: Structure of C Program , Writing the first C Program , File used in C Program, Compiling and Executing C Programs		Teaching Class	5			
3	4 TH WEEK	4	Keywords , Identifiers , Basic Data Types in C , Variables , Constants , I/O Statements in C		Teaching Class	4			
MONTH:DECEMBER 2019									
4	1 ST WEEK	5	Operators in C, Programming Examples , Type Conversion and Type Casting Introduction to Decision Control Statements		Teaching Class	4	Seminar	1	
5	2 ND WEEK	4	Conditional Branching Statements , Iterative Statements.		Teaching Class	4			
6	3 RD WEEK	2	I Mid Exams, Nested Loops		Teaching Class	3			

7	4 TH WEEK	2	Break and Continue Statement , Go to Statement		Teaching Class	2			
8	5 th WEEK	1	Introduction to functions,using functions,fuction declaration/prototype		Teaching Class	1			
MONTH:JANUARY 2020									
9	1 ST WEEK	2	Function definition, function call ,return statement		Teaching Class	2			
10	2 ND WEEK	4	Passing parameters, Scope of variables ,Storage Classes,Recursive,function,Introduction,Declaration of Arrays		Teaching Class	4			
11	3 RD WEEK		PONGAL HOLIDAYS						
12	4 TH WEEK	5	Accessing elements of the Array, Storing Values in Array,Calculating the length of the Array.		Teaching Class	5			
13	5 th WEEK	5	Operations on Array one dimensional array for inter function communication		Teaching Class	4	Seminar	1	
MONTH: FEBRUARY 2020									
14	1 ST WEEK	4	Two dimensional Arrays,Operations on Two Dimensional Arrays		Teaching Class	4			
15	2 ND WEEK	5	Introduction String and Character functions, Understanding Computer Memory		Teaching Class	5			

16	3 RD WEEK	4	Introduction to Pointers, declaring Pointer Variables, Passing Arguments to Functions using Pointer.		Teaching Class	4			
17	4 th WEEK	2	II Mid Exams, Pointer and Arrays, Passing Array to Function		Teaching Class	4			
MONTH: MARCH 2020									
18	1 ST WEEK	5	Structure, Union, and Enumerated Data Types: Introduction.		Teaching Class	5			
19	2 ND WEEK	4	Nested Structures ,Arrays of Structures		Teaching Class	4			
20	3 RD WEEK	5		Structures and Functions ,Unions, Enumerated Data Types.		Teaching Class	5		
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2020						
MONTH: APRIL 2020									
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2020						
23	2 ND WEEK		PRACTICAL EXAMINATIONS - 2020						


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER :BUSINESS NETWORKS


CLASS: III B.Com(Vocational)

Name of the Lecturer : S P L Pavani

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE 2019									
1	2 ND WEEK	4	Introduction about Business		Orientation Class Teaching Class	1 3			
2	3 RD WEEK	5	Stakeholder, Shareholder.		Teaching Class	5			
3	4 th WEEK	5	Different Types Of Stakeholder,Business, Government.		Teaching Class	5			
MONTH: JULY 2019									
4	1 ST WEEK	5	Society, Social Network & Social Networking Sites		Teaching Class	4	Seminar	1	
5	2 ND WEEK	4	Basic Concepts of ICT, Uses and Applications of Business Networks		Teaching Class	4			

6	3 RD WEEK	5	Different Layers of Business Networks, Internet and Business Networks & Network Security		Teaching Class	5			
7	4 TH WEEK	1	I MID Exams		Teaching Class	1			
8	5 th WEEK	2	Communication Satellites and Sharing		Teaching Class	2			
MONTH: AUGUST 2019									
9	1 ST WEEK	1	Servers, Types of Servers and Communicative Way		Teaching Class	1			
10	2 ND WEEK	5	Spectrum and Cloud Computing		Teaching Class	5			
11	3 RD WEEK	3	Commercial Issues		Teaching Class	3			
12	4 TH WEEK	5	Creation and Maintenance, Customer DataBase		Teaching Class	5			
13	5 th WEEK	5	Establishing Network Connection with Customers		Teaching Class	5			
MONTH: SEPTEMBER 2019									
14	1 ST WEEK	4	Forward and Backward Integration		Teaching Class	4			
15	2 ND WEEK	3	Master Data Management System		Teaching Class	3			

16	3 RD WEEK	1	II MID Exams		Teaching Class	2			
17	4 th WEEK	5	Data Warehousing and Data Mining		Teaching Class	5	Seminar	1	
MONTH: OCTOBER 2019									
18	1 ST WEEK	3	Data Integration		Teaching Class	3			
19	2 ND WEEK		Dasara Holidays						
20	3 RD WEEK	5	OLTP and OLAP		Teaching Class	5			
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2019						
MONTH: NOVEMBER 2019									
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019						
23	2 ND WEEK		PRACTICAL EXAMINATIONS - 2019						


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER I: COMPUTER FUNDAMENTALS AND PHOTOSHOP(Code: 1612401)

CLASS: I B.Sc., (M.P.CS.), I B.Com(CA)

Name of the Lecturer : M Phani Kumar, P N Halleluwan

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH: JUNE - 2018											
1	3 RD WEEK	4+2	Orientation Program Introduction to Computers, characteristics and limitations of computer, Block diagram of a computer,		Orientation Class Teaching Class Practical	2 2 2	Con duct ed				
2	4 TH WEEK	4+2	Types of computers, uses of computers, computer generations, Applications of computers.		Teaching Class Practical	4 2	Con duct ed				
MONTH: JULY - 2018											
3	1 ST WEEK	4+2	Number systems : Binary, Octal, Decimal, and hexa decimal number system, Conversions from one number system to another number system.		Teaching Class Practical	4 2	Con duct ed				
4	2 ND WEEK	4+2	Input devices: Keyboard and Mouse, inputting data in other ways. Output devices: Monitors, Printers and Plotters		Teaching Class Practical	4 2	Con duct ed				
5	3 RD WEEK	4+2	Types of Software: System software, Application software, commercial, open source, domain and free ware software, Memories: primary, secondary and cache memory. Windows basics: desktop, start menu, icons.		Teaching Class Practical	4 2	Con duct ed				
6	4 TH WEEK	2+2	Revision I MID EXAMS		Teaching Class Assignment Practical	1 1 2	Con duct ed				
7	5 TH WEEK	2+0	Introduction to Adobe Photoshop: Getting started with Photoshop, creating and saving a document in Photoshop, page layout and back ground		Teaching Class Practical	2 0	Con duct ed				

MONTH: AUGUST - 2018

8	1 ST WEEK	3+2	Photoshop program window- title bar, menu bar, option bar, image window,		Teaching Class Practical	2 2	Con duct	Quiz	1	Conduc ted	
9	2 ND WEEK	4+2	image title bar, status bar, ruler, pallets, tool box, screen modes, saving files, reverting files, closing files.		Teaching Class Practical	4 2	Con duct				
10	3 RD WEEK	3+2	Images: working with images, image size and resolution, image editing,		Teaching Class Practical	3 2	Con duct				
11	4 TH WEEK	3+2	colour modes and adjustments, Zooming & Panning an Image, Rulers,		Teaching Class Practical	3 2	Con duct				
12	5 th WEEK	4+2	Guides & Grids- Cropping & Straightening an Image, image backgrounds , making selections. Colour manipulations: colour modes- Levels – Curves - Seeing Colour accurately - Patch tool,		Teaching Class Practical	4 2	Con duct				

MONTH: SEPTEMBER - 2018

13	1 ST WEEK	2+2	Working with tool box: working with pen tool, save and load selection- working with erasers-working with text and brushes.		Teaching Class Practical	2 2	Con duct				
14	2 ND WEEK	1+0	II MID Exams		Teaching Class Practical	0 0	Con duct	Quiz	1	Conduc ted	
15	3 RD WEEK	3+2	Cropping- Reading your palettes - Dust and scratches- Advanced Retouching- smoothing skin		Teaching Class Practical	3 2	Con duct				
16	4 th WEEK	4+2	Layers: Working with layers- layer styles- opacity- adjustment layers.		Teaching Class Practical	4 2	Con duct				

MONTH: OCTOBER - 2018

17	1 ST WEEK	4+2	Filters: The filter menu, Working with filters- Editing your photo shoot. presentation –how to create adds . artistic filter		Teaching Class Practical	4 2	Con duct				
18	2 ND WEEK	4+2	Blur filter, brush store filter, distort filters, noise filters, pixelate filters, light effects, difference clouds, sharpen filters, printing.		Teaching Class Practical	4 2	Con duct				

19	3 RD WEEK		SEMESTER END EXAMINATIONS - 2018									
20	4 TH WEEK		SEMESTER END EXAMINATIONS - 2018									
MONTH: NOVEMBER - 2018												
21	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018									
22	2 ND WEEK		PRACTICAL EXAMINATIONS - 2018									

M. Phandey

T.N. Malleswari

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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER II : PROGRAMMING IN 'C'(Code:1622402)

CLASS: I B.Sc., (M.P.CS.)

NAME OF THE LECTURER: G.Sri Ratna Kumari, SK.Sharmila,P.N.Malleswari.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH: NOVEMBER					2018-19						
1	3 RD WEEK	4+2	Introduction to Algorithms and Programming Languages : Algorithm , Key features of Algorithms , Some more Algorithms, Flow Charts ,Pseudo code , Programming Languages. Generations of Programming Languages .		Teaching Class Practical	4 2	Conducted				
2	4 TH WEEK	4+2	Structured Programming Language, Design and Implementation of Correct, Efficient and Maintainable Programs. Introduction to C : Structure of C Program .Writing the first C Program, Files used in C Program		Teaching Class Practical	4 2	Conducted				
3	5 th WEEK	4+2	Compiling and Executing C Programs , Using Comments , Keywords , Identifiers, Basic Data Types in C , Variables ,Constants , I/O Statements in C, Operators in C.		Teaching Class Practical	4 2	Conducted				
MONTH: DECEMBER					2018-19						
4	1 ST WEEK	4+2	Programming Examples , Type Conversion and Type Casting . Decision Control and Looping Statements: Introduction to Decision Control Statements ,Conditional Branching Statements		Teaching Class Practical	4 2	Conducted				
5	2 ND WEEK	4+2	Iterative Statements .Nested Loops , Break and Continue Statement , goto Statement		Teaching Class Practical	4 2	Conducted				
6	3 RD WEEK	4+2	Functions: Introduction – using functions – Function declaration/ prototype – Function definition – function call – return statement – Passing parameters – Scope of variables –		Teaching Class Practical	4 2	Conducted				
7	4 TH WEEK	2+2	I Mid Exams		Teaching Class Practical	2 2		Seminar	2		

MONTH: JANUARY						2018-19					
8	1 ST WEEK	4+2	Storage Classes – Recursive functions – Type of recursion – Towers of Hanoi – Recursion vs Iteration		Teaching Class Practical	4 2	Con ucted				
9	2 ND WEEK	3+2	Arrays: Introduction , Declaration of Arrays , Accessing elements of the Array , Storing Values in Array , Calculating the length of the Array, Operations on Array ,		Teaching Class Practical	3 2	Con ucted				
10	3 RD WEEK	0+0	PONGAL HOLIDAYS								
11	4 TH WEEK	4+2	one dimensional array for inter-function communication, Two dimensional Arrays , Operations on Two Dimensional Arrays , Two Dimensional Arrays for inter-function communication ,		Teaching Class Practical	4 2	Con ucted				
12	5 TH WEEK	2+2	Multidimensional Arrays, Sparse Matrices		Teaching Class Practical	2 2	Con ucted				
MONTH: FEBRUARY						2018-19					
13	1 ST WEEK	2+0	Strings: Introduction , Suppressive Input , String Taxonomy , String Operations ,		Teaching Class Practical	2 0	Con ucted				
14	2 ND WEEK	4+2	Miscellaneous String and Character functions, Pointers: Understanding Computer Memory – Introduction to Pointers – declaring Pointer Variables – Pointer Expressions and Pointer Arithmetic –		Teaching Class Practical	4 2	Con ucted				
15	3 RD WEEK	2+2	Null Pointers – Generic Pointers - Passing Arguments to Functions using Pointer – Pointer and Arrays – Passing Array to Function – II Mid Exams		Teaching Class Practical	2 2	Con ucted				
16	4 TH WEEK	4+2	Difference between Array Name and Pointer – Pointers and Strings – Array of pointers – Pointer and 2D Arrays – Pointer and 3D Arrays – Function Pointers – Array Of Function Pointer – Pointers to Pointers –		Teaching Class Practical	4 2	Con ucted				
17	5 TH WEEK	2+2	Memory Allocation in C Programs – Memory Usage – Dynamic Memory Allocation – Drawbacks of Pointers		Teaching Class Practical	2 2	Con ucted				
MONTH: MARCH						2018-19					
18	1 ST WEEK	2+0	Structure, Union, and Enumerated Data Types: Introduction – Nested Structures – Arrays of Structures – Structures and Functions – Self referential Structures –		Teaching Class Practical	2 0	Con ucted				

19	2 ND WEEK	4+2	Union – Arrays of Unions Variables – Unions inside Structures – Enumerated Data Types, Files: Introduction to Files ,Using Files in C .		Teaching Class Practical	4 2	Con ucted				
20	3 RD WEEK	4+2	Reading Data from Files , Writing Data from Files , Detecting the End-of-file, Error Handling during File Operations Accepting Command Line Arguments ,		Teaching Class Practical	4 2	Con ucted				
21	4 th WEEK	2+0	Functions for Selecting a Record Randomly , Remove() , Renaming a File , Creating a Temporary File		Teaching Class Practical	2 0	Con ucted				
22	5 th WEEK		SEMESTER END EXAMINATIONS - 2019								
MONTH: APRIL								2018-19			
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019								
24	2 ND WEEK		PRACTICAL EXAMINATIONS - 2019								

F. N. Mallewar

Shri. Shrik

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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER III: OBJECT ORIENTED PROGRAMMING USING JAVA (Code: 1632403)

Semester : III

CLASS: II B.Sc., (M.P.CS.)

NAME OF THE LECTURER: MVV Chowdary, V Lalitha

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH: JUNE					2018-19						
1	1 ST WEEK	3 + 0	FUNDAMENTALS OF OBJECT – ORIENTED PROGRAMMING :Introduction, Object Oriented paradigm.		Orientation Class Teaching Class Practical	1 2 0	Con duct ed				
2	2 ND WEEK	4 + 2	Basic Concepts of OOP, Benefits of OOP, Applications of OOP		Teaching Class Practical	4 2	Con duct ed				
3	3 RD WEEK	4 + 2	Java features: OVERVIEW OF JAVA LANGUAGE: Introduction, Simple Java program structure.		Teaching Class Practical	4 2	Con duct ed				
4	4 TH WEEK	4 + 2	Java tokens, Java Statements, Implementing a Java Program, Java Virtual Machine, Command line arguments.		Teaching Class Practical	4 2	Con duct ed				
MONTH: JULY					2018-19						
5	1 ST WEEK	4 + 2	CONSTANTS, VARIABLES & DATA TYPES: Introduction, Constants, Variables, Data Types, Declaration of Variables, Giving Value to Variables, Scope of variables, Symbolic Constants, Type casting, Getting Value of Variables, Standard Default values.		Teaching Class Practical	4 2	Con duct ed				
6	2 ND WEEK	4 + 2	OPERATORS & EXPRESSIONS, DECISION MAKING & BRANCHING: Introduction, Decision making with if statement, Simple if statement, if. Else statement, Nesting of if. else statements, the else if ladder		Teaching Class Practical	4 2	Con duct ed				

7	3 RD WEEK	4 + 2	The switch statement, the conditional operator. LOOPING: Introduction, The While statement, the do-while statement, the for statement, Jumps in loops.		Teaching Class Practical	4 2	Con ucted				
8	4 TH WEEK	2 + 2	Creating objects , Accessing class members, Constructors, Method overloading, I MID EXAMS		Teaching Class Practical	2 2	Con ucted				
9	5 th WEEK	1 + 0	Static members, Nesting of methods.		Teaching Class Practical	1 0	Con ucted				
MONTH: AUGUST								2018-19			
10	1 ST WEEK	2 + 2	INHERITANCE: Extending a class, Overloading methods.		Teaching Class Practical	2 2	Con ucted				
11	2 ND WEEK	4 + 2	Final variables and methods, Final classes, Abstract methods and classes.		Teaching Class Practical	4 2	Con ucted				
12	3 RD WEEK	3 + 2	ARRAYS, STRINGS AND VECTORS: Arrays, One- dimensional arrays, Creating an array, Two – dimensional arrays, Strings, Vectors and wrapper classes		Teaching Class Practical	3 2	Con ucted				
13	4 TH WEEK	3 + 2	INTERFACES: MULTIPLE INHERITANCE: Introduction, Defining interfaces, Extending interfaces, Implementing interfaces, Accessing interface variables.		Teaching Class Practical	3 2	Con ucted				
14	5 th 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.		Teaching Class Practical	4 2	Con ucted				
MONTH: SEPTEMBER								2018-19			
15	1 ST WEEK	2 + 2	Thread Priority. Synchronization, Implementing the 'Runnable Interface'.		Teaching Class Practical	2 2	Con ucted				
16	2 ND WEEK	1 + 0	II Mid Exams		Teaching Class Practical	0 0	Con ucted	Book Reviews	1	Conduc ted	

17	3 RD 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.		Teaching Class Practical	4 2	Con ducted				
18	4 th WEEK	4 + 2	APPLET PROGRAMMING: local and remote applets, Applets and Applications, Building Applet code, Applet Life cycle: Initialization state, Running state, Idle or stopped state, Dead state, Display state.		Teaching Class Practical	4 2	Con ducted				
MONTH: OCTOBER								2018-19			
19	1 ST WEEK	3 + 2	PACKAGES: Introduction, Java API Packages, Using system packages, Naming conversions, Creating Packages, Accessing a Package, using a Package.		Teaching Class Practical	2 2	Con ducted	Book Reviews	1	Conduc ted	
20	2 ND WEEK	4 + 2	MANAGING INPUT/OUTPUT FILES IN JAVA: Introduction, Concept of Streams, Stream classes, Byte Stream Classes, Input Stream Classes, Output Stream Classes, Character Stream classes: Reader stream classes, Writer Stream classes, Using Streams, Reading and writing files.		Teaching Class Practical	4 2	Con ducted				
21	3 RD WEEK		SEMESTER END EXAMINATIONS-2018								
22	4 th WEEK		SEMESTER END EXAMINATIONS-2018								
MONTH: NOVEMBER								2018-19			
23	1 ST WEEK		SEMESTER END EXAMINATIONS-2018								
24	2 ND WEEK		PRACTICAL EXAMINATIONS - 2018								



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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER IV: DATA STRUCTURES(Code: 1642404)

CLASS: II B.Sc., (M.P.CS.)

NAME OF THE LECTURER: G.Sri Ratna Kumari, SK.Sharmila.


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
2018-19											
MONTH: NOVEMBER											
1	3 RD WEEK	4 + 2	Concept of Abstract Data Types (ADTs)- Data Types, Data Structures, Storage Structures, and File Structures.		Teaching Class Practical	4 2	Conducted				
2	4 TH WEEK	4 + 2	Primitive and Non-primitive Data Structures, Linear and Non-linear Data Structures. Linear Lists – ADT, Array and Linked representations, Pointers.		Teaching Class Practical	4 2	Conducted				
3	5 TH WEEK	3 + 2	Arrays – ADT, Mappings, Representations, Sparse Matrices. Sets – ADT, Operations		Teaching Class Practical	3 2	Conducted				
2018-19											
MONTH: DECEMBER											
4	1 ST WEEK	4 + 2	Linked Lists: Single Linked List, Double Linked List, Circular Linked List , applications		Teaching Class Practical	4 2	Conducted				
5	2 ND WEEK	4 + 2	Stacks: Definition, ADT, Array and Linked representations, Implementations, Applications of stacks.		Teaching Class Practical	4 2	Conducted				
6	3 RD WEEK	4 + 2	Queues: Definition, ADT, Array and Linked representations. Circular Queues.		Teaching Class Practical	4 2	Conducted				
7	4 TH WEEK	2 + 0	Dequeues. I Mid Exams		Teaching Class Practical	2 0	Conducted				
2018-19											
MONTH: JANUARY											
8	1 ST WEEK	4 + 2	Priority Queues, Implementations and Applications.		Teaching Class Practical	3 2	Conducted	Group Discussion	1	Conducted	

MONTH: APRIL

23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019										
24	2 ND WEEK		SEMESTER END EXAMINATIONS - 2019										
25	3 RD WEEK		PRACTICAL EXAMINATIONS - 2019										


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER V: DataBase Management System(Code: 1652405)

CLASS: III B.Sc., (M.P.CS.)

Name of the Lecturer : M.V.V.Chowdary

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH: JUNE					2018-19						
1	1 ST WEEK	3+0	Orientation Program Overview of Database Management System: Introduction, file-based system, Drawbacks of file-Based System ,Data and information,		Orientation Class Teaching Class Practical	1 2 0	Con duct ed				
2	2 ND WEEK	3+2	Database, Database Management System, Objectives of DBMS, Evolution of Database Management System, Classification of Database Management System,		Teaching Class Practical	3 2	Con duct ed				
3	3 RD WEEK	3+2	DBMS Approach, advantages of DBMS, Anis/spark Data Model, data models,		Teaching Class Practical	3 2	Con duct ed				
4	4 TH WEEK	3+2	Components and Interfaces of Database Management System. Database Architecture, Situations where DBMS is not Necessary, DBMS Vendors and Their Products.		Teaching Class Practical	3 2	Con duct ed				
MONTH: JULY					2018-19						
5	1 ST WEEK	3+2	Entity-Relationship Model: Introduction, the building blocks of an entity relationship diagram, classification of entity sets, attribute classification, relationship degree,		Teaching Class Practical	2 2	Con duct ed	Guest Lecture	1	Conduc ted	
6	2 ND WEEK	3+2	relationship classification, reducing ER diagram to tables, enhanced entity-relationship model (EER model), generalization and specialization,		Teaching Class Practical	3 2	Con duct ed				

7	3 RD WEEK	3+2	IS A relationship and attribute inheritance, multiple inheritance, constraints on specialization and generalization, aggregation and composition, entity clusters, connection types, advantages of ER modeling.		Teaching Class Practical	3 2	Con ucted				
8	4 TH WEEK	2+2	Relational Model: Introduction, CODD Rules, relational data model, concept of key, relational integrity, I Mid Exams		Teaching Class Practical	2 2	Con ucted				
9	5 th WEEK	1+0	relational algebra, relational algebra operations,		Teaching Class Practical	1 0	Con ucted				
MONTH: AUGUST										2018-19	
10	1 ST WEEK	2+2	advantages of relational algebra, limitations of relational algebra, relational calculus,		Teaching Class Practical	2 2	Con ucted				
11	2 ND WEEK	3+2	tuple relational calculus, Domain Relational Calculus (DRC). QBE		Teaching Class Practical	3 2	Con ucted				
12	3 RD WEEK	3+2	Structured Query Language: Introduction, History of SQL Standard, Commands in SQL, Data Types in SQL.		Teaching Class Practical	3 2	Con ucted				
13	4 TH WEEK	2+2	Data Definition Language, Selection Operation, Projection Operation, Aggregate functions,		Teaching Class Practical	2 2	Con ucted				
14	5 th WEEK	3+2	Data Manipulation Language, Table Modification Commands, Table Truncation,		Teaching Class Practical	3 2	Con ucted				
MONTH: SEPTEMBER										2018-19	
15	1 ST WEEK	2+0	Imposition of Constraints, Revision		Teaching Class Practical	2 0	Con ucted				
16	2 ND WEEK	1+0	II Mid Exams		Teaching Class Practical	0 0	Con ucted	Guest Lecture	1	Conduc ted	

174	3 RD WEEK	3+2	Join Operation, Set Operation, View, Sub Query, Embedded SQL		Teaching Class Practical	3 2	Con- ducted				
18	4 th WEEK	3+2	PL/SQL: Introduction, Shortcoming in SQL, Structure of PL/SQL, PL/SQL Language Elements, Data Types, Operators Precedence,		Teaching Class Practical	3 2	Con- ducted				
MONTH: OCTOBER								2018-19			
19	1 ST WEEK	3+2	Control Structure, Steps to Create a PL/SQL, Program, Iterative Control, Cursors, Steps to create a Cursors,		Teaching Class Practical	3 2	Con- ducted				
20	2 ND WEEK	2+2	Procedure, Function, Packages, Exceptions Handling, Database Triggers, Types of Triggers.		Teaching Class Practical	2 2	Con- ducted				
21	3 RD WEEK		SEMESTER END EXAMINATIONS - 2018								
22	4 th WEEK		SEMESTER END EXAMINATIONS - 2018								
MONTH: NOVEMBER								2018-19			
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018								
24	2 ND WEEK		PRACTICAL EXAMINATIONS - 2018								


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER VI: Software Engineering(Code: 1652406)

CLASS: III B.Sc., (M.P.CS.)

Name of the Lecturer : G.Sri Ratna Kumari,V Lalitha

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH: JUNE					2018-19						
1	1 ST WEEK	3+0	Introduction to Software Engineering, Software Engineering project Management		Orientation Class Teaching Class Practical	1 2 2	Conducted				
2	2 ND WEEK	3+2	Process paradigms, Project Metrics, Software Estimation		Teaching Class Practical	3 2	Conducted				
3	3 RD WEEK	3+2	Empirical Estimation models, Planning and Risk Analysis, Project scheduling		Teaching Class Practical	3 2	Conducted				
4	4 TH WEEK	3+2	Requirement Engineering Processes – Feasibility Study – Problem of Requirements		Teaching Class Practical	2 2	Conducted				
MONTH: JULY					2018-19						
5	1 ST WEEK	3+2	Software Requirement Analysis – Analysis Concepts and Principles		Teaching Class Practical	2 2	Conducted	Guest Lecture	1	Conducted	
6	2 ND WEEK	3+2	Analysis Process – Analysis Model, Software design - Abstraction - Modularity		Teaching Class Practical	3 2	Conducted				
7	3 RD WEEK	3+2	Software Architecture - Effective modular design - Cohesion and Coupling		Teaching Class Practical	3 2	Conducted				

8	4 TH WEEK	2+2	Architectural design and Procedural design , I Mid Exams		Teaching Class Practical	3 2	Con- ucted				
9	5 th WEEK	1+0	Data flow oriented design explain with Examples.		Teaching Class Practical	3 2	Con- ucted				
MONTH: AUGUST								2018-19			
10	1 ST WEEK	2+2	User interface design - Human factors		Teaching Class Practical	1 0	Con- ucted	Guest Lecture	1	Con- duc- ted	
11	2 ND WEEK	3+2	Human computer interaction - Human - Computer Interface design ,Interface design standrads		Teaching Class Practical	3 2	Con- ucted				
12	3 RD WEEK	3+2	Software Quality Assurance , Quality metrics-		Teaching Class Practical	1 0	Con- ucted				
13	4 TH WEEK	2+2	Software ReliabilitySoftware testing - Path testing		Teaching Class Practical	3 2	Con- ucted				
14	5 th WEEK	3+2	Control Structures testing - Black Box testing		Teaching Class Practical	2 2	Con- ucted				
MONTH: SEPTEMBER								2018-19			
15	1 ST WEEK	2+0	Integration, Validation and system testing , Reverse Engineering and Reengineering,		Teaching Class Practical	1 0	Con- ucted				
16	2 ND WEEK	1+0	II Mid Exams		Teaching Class Practical	2 2	Con- ucted	Guest Lecture	1	Con- duc- ted	
17	3 RD WEEK	3+2	CASE tools- project management tools		Teaching Class Practical	3 2	Con- ucted				

18	4 th WEEK	3+2	Analysis tools and design tools,programming tools,		Teaching Class Practical	3 2	Con ucted				
MONTH: OCTOBER										2018-19	
19	1 ST WEEK	3+2	Integraton and testing tools ,case studeies		Teaching Class Practical	2 2	Con ucted				
20	2 ND WEEK	2+2	Revision		Teaching Class Practical	2 2	Con ucted				
21	3 RD WEEK		SEMESTER END EXAMINATIONS - 2018								
22	4 th WEEK		SEMESTER END EXAMINATIONS - 2018								
MONTH: NOVEMBER										2018-19	
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018								
24	2 ND WEEK		PRACTICAL EXAMINATIONS - 2018								

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11	4 TH WEEK	2+2	mathematical functions, statements		Teaching Class Practical	2 2	Conducted				
12	5 TH WEEK	2+2	operators, arrays		Teaching Class Practical	2 2	Conducted				
MONTH: FEBRUARY											2018-19
13	1 ST WEEK	1+0	Objects in JavaScript: Data and object in JavaScript regular expressions		Teaching Class Practical	1 0	Conducted				
14	2 ND WEEK	3+2	Exception handling, DHTML with JavaScript: Data validation, opening a new window.		Teaching Class Practical	3 2	Conducted				
15	3 RD WEEK	1+0	Revision II Mid Exams		Teaching Class Practical	1 0	Conducted				
16	4 TH WEEK	3+2	messages and confirmations, the status bar, different frames		Teaching Class Practical	3 2	Conducted				
17	5 TH WEEK	2+2	rollover buttons, moving images		Teaching Class Practical	2 2	Conducted				
MONTH: MARCH											2018-19
18	1 ST WEEK	1+0	XML: defining data for web applications		Teaching Class Practical	1 0	Conducted				
19	2 ND WEEK	2+2	basic XML, document type definition		Teaching Class Practical	2 2	Conducted				
20	3 RD WEEK	3+2	presenting XML, document object model. Web Services		Teaching Class Practical	3 2	Conducted				
21	4 TH WEEK	2+2	Revision		Teaching Class Practical	2 2	Conducted				
22	5 TH WEEK		SEMESTER END EXAMINATIONS - 2019								
MONTH: APRIL											2018-19
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019								
24	2 ND WEEK		SEMESTER END EXAMINATIONS - 2019								
25	3 RD WEEK		PRACTICAL EXAMINATIONS - 2019								

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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER VIII(C-1): PHP & MySQL, WordPress(Code: 1662416)

CLASS: III B.Sc., (M.P.CS.)

Name of the Lecturer : M.V.V.Chowdary, K.Hariprasad

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH: NOVEMBER					2018-19						
1	3 rd WEEK	3+2	Installing and Configuring MySQL: Current and Future Versions of MySQL, How to Get MySQL, Installing MySQL on Linux, Windows, Trouble Shooting your Installation, Basic Security Guidelines. Introducing MySQL Privilege System, Working with User Privileges.		Teaching Class Practical	3 2	Con ucted				
2	4 th WEEK	3+2	Installing and Configuring Apache: Current and future versions of Apache, Choosing the Appropriate Installation Method, Installing Apache on Linux, Windows, Apache Configuration File Structure, Apache Log Files, Apache Related Commands, Trouble Shooting. Installing and Configuring PHP: Building PHP on Linux with Apache, Windows, php.ini. Basics,		Teaching Class Practical	3 2	Con ucted				
3	5 th WEEK	3+2	The Basics of PHP scripts. The Building blocks of PHP: Variables, Data Types, Operators and Expressions, Constants.		Teaching Class Practical	3 2	Con ucted				
MONTH: DECEMBER					2018-19						
4	1 ST WEEK	3+2	Control Functions in PHP: Switching Flow, Loops, Code Blocks and Browser Output.		Teaching Class Practical	3 2	Con ucted				
5	2 ND WEEK	3+2	Working with Functions: What is function? Calling functions, Defining Functions, Returning the values from User-Defined Functions, Variable Scope, Saving state between Function calls with the static statement, more about arguments.		Teaching Class Practical	3 2	Con ucted				

6	3 RD WEEK	3+2	Working with Arrays: What are Arrays? Arrays, Some Array-Related Functions. Working with Objects: Creating Objects, Object Instance, Working with Strings, Dates and Time: Formatting strings with PHP, Investigating Strings with PHP,		Teaching Class Practical	3 2	Con duct ed				
7	4 TH WEEK	1+2	Manipulating Strings with PHP, Using Date and Time Functions in PHP. I Mid Exams		Teaching Class Practical	1 2	Con duct ed				
2018-19											
MONTH: JANUARY											
8	1 ST WEEK	3+2	Working with Forms: Creating Forms, Accessing Form Input with User defined Arrays, Combining HTML and PHP code on a single Page, Using Hidden Fields to save state, Redirecting the user,		Teaching Class Practical	3 2	Con duct ed				
9	2 ND WEEK	3+2	Sending Mail on Form Submission, Working with File Uploads.		Teaching Class Practical	2 2	Con duct ed	Seminar	1	Conduc ted	
10	3 RD WEEK	0+0	PONGAL HOLIDAYS								
11	4 TH WEEK	2+2	Working with Cookies and User Sessions: Introducing Cookies, Setting a Cookie with PHP, Session Function Overview, Starting a Session,		Teaching Class Practical	2 2	Con duct ed				
12	5 TH WEEK	2+2	Working with session variables, passing session IDs in the Query String, Destroying Sessions and Unsetting Variables,		Teaching Class Practical	2 2	Con duct ed				
2018-19											
MONTH: FEBRUARY											
13	1 ST WEEK	1+0	Using Sessions in an Environment with Registered Users. Working with Files		Teaching Class Practical	1 0	Con duct ed				
14	2 ND WEEK	3+2	Introduction to MySQL :Understanding the Database Design Process: The Importance of Good Database Design, Types of Table Relationships, Understanding Normalization. Learning basic SQL Commands: Learning the MySQL Data types,		Teaching Class Practical	3 2	Con duct ed				
15	3 RD WEEK	1+0	Learning the Table Creation Syntax, Using Insert Command, II Mid Exams		Teaching Class Practical	1 0	Con duct ed				

16	4 th WEEK	3+2	Using SELECT Command, Using WHERE in your Queries, Selecting from Multiple Tables, Using the UPDATE command to modify records, Using REPLACE Command, Using the DELETE Command,		Teaching Class Practical	3 2	Conducted				
17	5 th WEEK	2+2	Frequently used string functions in MySQL, Using Date and Time Functions in MySQL.		Teaching Class Practical	2 2	Conducted				
MONTH: MARCH								2018-19			
18	1 ST WEEK	1+0	Interacting with MySQL using PHP: MySQL Versus MySQLi Functions, Connecting to MySQL with PHP,		Teaching Class Practical	1 0	Conducted				
19	2 ND WEEK	2+2	Working with MySQL Data. Creating an Online Address Book: Planning and Creating Database Tables, Creating Menu, Creating Record Addition Mechanism, Viewing Records,		Teaching Class Practical	2 2	Conducted				
20	3 RD WEEK	3+2	Creating the Record Deletion Mechanism, Adding Sub-entities to a Record. WordPress: Introduction to WordPress, servers like wamp, bitnami etc, installing and configuring WordPress,		Teaching Class Practical	3 2	Conducted				
21	4 th WEEK	2+2	understanding admin panel, working with posts and pages, using editor, text formatting with shortcuts. Customizing the site, changing the appearance of site using CSS.		Teaching Class Practical	2 2	Conducted				
22	5 th WEEK		SEMESTER END EXAMINATIONS - 2019								
MONTH: APRIL								2018-19			
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019								
24	2 ND WEEK		SEMESTER END EXAMINATIONS - 2019								
25	3 RD WEEK		PRACTICAL EXAMINATIONS - 2019								


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

Paper – VIII(C-2) : Advanced Java Script (Code: 1662417)

CLASS: III B.Sc. (M.P.CS.)

NAME OF THE LECTURER: V.Lalitha


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH: NOVEMBER					2018-19						
1	3 rd WEEK	3+2	JQuery – Basics-String, Numbers, Boolean. Objects. Arrays, Functions, Arguments, Scope, Built-in Functions.		Teaching Class Practical	3 2	Conducted				
2	4 th WEEK	3+2	jQuery – Selectors, jQuery – DOM Attributes: Get Attribute Value, Set Attribute Value. jQuery –		Teaching Class Practical	3 2	Conducted				
3	5 th WEEK	3+2	DOM Traversing :: Find Elements by index. Filtering out Elements, Locating Descendent Elements. JQuery DOM Traversing Methods		Teaching Class Practical	3 2	Conducted				
MONTH: DECEMBER					2018-19						
4	1 st WEEK	3+2	jQuery – CSS Methods, – DOM Manipulation Methods		Teaching Class Practical	3 2	Conducted				
5	2 nd WEEK	3+2	jQuery – Events, jQuery – Effects, Intro to jQuery UI. Need of jQuery UI in real web sites, Downloading jQuery UI.		Teaching Class Practical	3 2	Conducted				
6	3 rd WEEK	3+2	Importing jQuery UI, Draggable, Droppable, Resizable, Selectable, Sortable, Accordion.		Teaching Class Practical	3 2	Conducted				
7	4 th WEEK	1+0	I Mid Exams		Teaching Class Practical	1 0	Conducted	Seminar	1	Conducted	
MONTH: JANUARY					2018-19						
8	1 st WEEK	3+2	Auto Complete, Button Setv, Date Picker, Dialog, Menu, Progress Bar, Slider, Spinner, Tabs, Tooltip. Color Animation, Easing Effects, addClass, removeClass.		Teaching Class Practical	3 2	Conducted				

9	2 ND WEEK	3+2	Effects, jQuery UI themes, Customizing jQuery UI widgets / plug-ins, jQuery UI with CDN, Consuming jQuery Plug-ins from 3rd party web sites jQuery Validations, Intro to jQuery validation plug-in, Using jQuery validation plug-in, Regular expressions.		Teaching Class Practical	3 2	Con ucted				
10	3 RD WEEK	0+0	PONGAL HOLIDAYS								
11	4 TH WEEK	2+2	Intro to AJAX, Need of AJAX in real web sites, Getting database data using jQuery-AJAX,		Teaching Class Practical	2 2	Con ucted				
12	5 TH WEEK	2+2	Inserting, Updating, Deleting database data using jQuery-AJAX Grid Development using jQuery-AJAX		Teaching Class Practical	2 2	Con ucted				
MONTH: FEBRUARY						2018-19					
13	1 ST WEEK	1+0	Intro to JSON JSON syntax, Need of JSON in real web sites, JSON object,		Teaching Class Practical	1 0	Con ucted				
14	2 ND WEEK	3+2	JSON array, Complex JSON objects, Reading JSON objects using jQuery. Intro to AngularJS, Need of AngularJS in real web sites, Downloading AngularJS,		Teaching Class Practical	3 2	Con ucted				
15	3 RD WEEK	1+0	AngularJS first example, AngularJS built-in directives II Mid Exams		Teaching Class Practical	1 0	Con ucted				
16	4 TH WEEK	3+2	AngularJS expressions, AngularJS modules, AngularJS controllers, AngularJS scope AngularJS dependency injection AngularJS, bootstrapping		Teaching Class Practical	3 2	Con ucted				
17	5 TH WEEK	2+2	AngularJS data bindings, AngularJS \$watch, AngularJS filters, AngularJS events, AngularJS AJAX, Ng-repeat, AngularJS with json arrays, AngularJS registration form and login form,		Teaching Class Practical	2 2	Con ucted				
MONTH: MARCH						2018-19					
18	1 ST WEEK	1+0	AngularJS CRUD operations, AngularJS Animations,		Teaching Class Practical	1 0	Con ucted				
19	2 ND WEEK	2+2	AngularJS validations AngularJS \$q, AngularJS custom values,		Teaching Class Practical	2 2	Con ucted				
20	3 RD WEEK	3+2	AngularJS custom factories, AngularJS custom services, AngularJS custom directives,		Teaching Class Practical	3 2	Con ucted				
21	4 TH WEEK	2+2	AngularJS custom providers, AngularJS Routing, AngularUI Routing.		Teaching Class Practical	2 2	Con ucted				

22	5 th WEEK		SEMESTER END EXAMINATIONS - 2019									
MONTH: APRIL										2018-19		
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019									
24	2 ND WEEK		SEMESTER END EXAMINATIONS - 2019									
25	3 RD WEEK		PRACTICAL EXAMINATIONS - 2019									

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TABLE - A - CURRICULUM PLAN - LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER: ICT-2 Internet Fundamentals and Web Tools(code:1630205)

CLASS: HB.Sc, HB.A, HB.Com.

NAME OF THE LECTURER: P.N.Malleswari, G.Sri Ratna Kumari, Sk Sharmila,V.lalita,S.Mohan Kumar

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH: JUNE								YEAR: 2018-19			
1	1 ST WEEK	1	Orientation Programme		Teaching Class	1	Conducted				
2	2 ND WEEK	2	Fundamental of Internet:Networking Concepts, Data Communication, Types of Networking		Teaching Class	2	Conducted				
3	3 RD WEEK	2	Internet Addressing and Internet Services		Teaching Class	2	Conducted				
4	4 TH WEEK	2	Computer viruses and Types of Browsers		Teaching Class	2	Conducted				
MONTH: JULY								YEAR: 2018-19			
5	1 ST WEEK	2	Internet Applications:Using Internet Explorer,Standard Internet Explorer Buttons,Entering website address		Teaching Class	2	Conducted				
6	2 ND WEEK	2	Introduction to Social Networking: Twitter, Tumblr, LinkedIn,Facebook, Flickr, Skype, yahoo, Youtube, WhatsApp etc.,		Teaching Class	2	Conducted				

7	3 RD WEEK	2	Facebook and Whas App Features, Twitter LinkedIn,Skype Features		Teaching Class	2	Conducted				
8	4 TH WEEK	1	E-Mail: Definition of E-Mail, Advantages and Disadvantages, I MID EXAMS		Teaching Class	1	Conducted				
9	5 th WEEK	1	User ID,passwords, Domain Names, Mailers,		Teaching Class	1	Conducted				
MONTH: AUGUST										YEAR: 2018-19	
10	1 ST WEEK	1	Message Components, Message Composition		Teaching Class	1	Conducted				
11	2 ND WEEK	2	Mail Management,E-Mail Inner Working.		Teaching Class	2	Conducted				
12	3 RD WEEK	2	WWW: Web Applications,Web Termonologies		Teaching Class	2	Conducted				
13	4 TH WEEK	2	Web Browsers,URL-Components		Teaching Class	2	Conducted				
14	5 th WEEK	2	Searching WWW, Search Engine and Examples		Teaching Class	2	Conducted				
MONTH: SEPTEMBER										YEAR: 2018-19	
15	1 ST WEEK	1	Revision		Teaching Class	1	Conducted				
16	2 ND WEEK	0	II Mid Examinations		Teaching Class	0	Conducted				

17	3 RD WEEK	2	Basic HTML:Basic HTML, Web Terminology,Structure of HTML		Teaching Class	2	Conducted				
18	4 th WEEK	2	HTML Document, Heading Body ,font,Image and Anchor Tags and some other tags in html.		Teaching Class	2	Conducted				
MONTH: OCTOBER									YEAR: 2018-19		
19	1 ST WEEK	2	Different Types of Lists using tags and Example program		Teaching Class	2	Conducted				
20	2 ND WEEK	2	CreateTable using HTML Code and Example Program, Create Image using HTML code and Example Program		Teaching Class	2	Conducted				
21	3 RD WEEK		SEMESTER END EXAMINATIONS - 2018								
22	4 th WEEK		SEMESTER END EXAMINATIONS - 2018								
MONTH: NOVEMBER									YEAR: 2018-19		
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018								

P. N. Malleswari
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 RAMACHANDRAPURAM-533 255, (E.G.D.)

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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT:COMPUTER SCIENCE

PAPER: ICT-1 COMPUTER FUNDAMENTALS AND OFFICE TOOLS (Code:1620203)

CLASS: 1 B.Sc., 1B.A., 1B.Com.

NAME OF THE LECTURER: V.Lalita,M.NagaJyothi,S.MohanKumar.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE		ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH: NOVEMBER					YEAR: 2018-19						
1	3 RD WEEK	2	Basics of Computers: Definition of computer, Characteristics and Applications of computer		Teaching Class	2	Conducted				
2	4 TH WEEK	2	Block Diagram of a Digital computer, Classifications of Computer based on size and working		Teaching Class	2	Conducted				
3	5 TH WEEK	2	Central processing unit and I/o Devices		Teaching Class	2	Conducted				
MONTH: DECEMBER					YEAR: 2018-19						
4	1 ST WEEK	2	Primary, Auxilary and Cache Memory, Memory Devices		Teaching Class	2	Conducted				
5	2 ND WEEK	2	Software, Hardware, Firmware and Peopleware - Definition and Types of Operating System		Teaching Class	2	Conducted				
6	3 RD WEEK	2	Functions of Operating System MS-DOS- MS Windows		Teaching Class	2	Conducted				

7	4 TH WEEK	0	I MID EXAMS										
MONTH: JANUARY										YEAR: 2018-19			
8	1 ST WEEK	2	Desktop,Computer,Documents,pictures,Music, Videos,Recycle Bin Task Bar,-Control Panel		Teaching Class	2	Conducted						
9	2 ND WEEK	2	Revision		Teaching Class	2	Conducted						
10	3 RD WEEK	0	Pongal Holidays										
11	4 TH WEEK	2	MS-WORD: Features of MS-Word,MS-Word window components, Creating, Editing Formating and printing of Documents		Teaching Class	2	Conducted						
12	5 th WEEK	1	Headers and Footers-Insert/Draw Tables		Teaching Class	1	Conducted						
MONTH: FEBRUARY										YEAR: 2018-19			
13	1 ST WEEK	1	Table Auto format-Page Borders and Shading,inserting sumbols and shapesWord Art, Page Numbers,Equations- Spelling and Grammar-Thesaurus		Teaching Class	1	Conducted						
14	2 ND WEEK	2	MS-PowerPoint:Features of PowerPoint,Creating a Blank Presentation-Creating Presentation using a Template		Teaching Class	2	Conducted						
15	3 RD WEEK	0	II Mid Exams										
16	4 th WEEK	2	Inserting and Deleting Slides in a Presentation Adding ClipArt/Pictures, Inserting Other Objects, Audio, Video.		Teaching Class	2	Conducted						

17	5 th WEEK	1	Resizing and Scaling of an Object Slide Transition-		Teaching Class	1	Conducted				
MONTH: MARCH								YEAR: 2018-19			
18	1 st WEEK	1	Custom Animation		Teaching Class	1	Conducted				
19	2 nd WEEK	1	MS-Excel: Overview of Excel Features-Creating a new worksheet, Selecting cells,		Teaching Class	1	Conducted				
20	3 rd WEEK	2	Entering and editing Text, Numbers,Formulae,Referencing Cells,Inserting Rowa/Columns-		Teaching Class	2	Conducted				
21	4 th WEEK	2	Changing column width and row heightsAuto Format,changing font sizws,colors,shading,Functions, charts		Teaching Class	2	Conducted				
22	5 th WEEK		SEMESTER END EXAMINATIONS - 2019								
MONTH: APRIL								YEAR: 2018-19			
23	1 st WEEK		SEMESTER END EXAMINATIONS - 2019								

H. Naga Tyotie
SIGNATURE OF THE LECTURER

M. S. S. B.
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Seen April 6/3/19 Academic

17	5 th WEEK	1	Resizing and Scaling of an Object Slide Transition-		Teaching Class	1					
MONTH: MARCH							YEAR: 2018-19				
18	1 ST WEEK	1	Custom Animation		Teaching Class	1					
19	2 ND WEEK	1	MS-Excel: Overview of Excel Features-Creating a new worksheet, Selecting cells,		Teaching Class	1					
20	3 RD WEEK	2	Entering and editing Text, Numbers,Formulae,Referencing Cells,Inserting Rowa/Columns-		Teaching Class	2					
21	4 th WEEK	2	Changing column width and row heightsAuto Format,changing font sizws,colors,shading,Functions, charts		Teaching Class	2					
22	5 th WEEK		SEMESTER END EXAMINATIONS - 2019								
MONTH: APRIL							YEAR: 2018-19				
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019								


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7	4 TH WEEK	0	I MID EXAMS										
MONTH: JANUARY										YEAR: 2018-19			
8	1 ST WEEK	2	Desktop,Computer,Documents,pictures,Music, Videos,Recycle Bin Task Bar,-Control Panel		Teaching Class	2							
9	2 ND WEEK	2	Revision		Teaching Class	2							
10	3 RD WEEK	0	Pongal Holidays										
11	4 TH WEEK	2	MS-WORD: Features of MS-Word,MS-Word window components, Creating, Editing Formating and printing of Documents		Teaching Class	2							
12	5 th WEEK	1	Headers and Footers-Insert/Draw Tables		Teaching Class	1							
MONTH: FEBRUARY										YEAR: 2018-19			
13	1 ST WEEK	1	Table Auto format-Page Borders and Shading,inserting sumbols and shapesWord Art, Page Numbers,Equations- Spelling and Grammar-Thesaurus		Teaching Class	1							
14	2 ND WEEK	2	MS-PowerPoint: Features of PowerPoint,Creating a Blank Presentation-Creating Presentation using a Template		Teaching Class	2							
15	3 RD WEEK	0	II Mid Exams										
16	4 th WEEK	2	Inserting and Deleting Slides in a Presentation Adding ClipArt/Pictures, Inserting Other Objects, Audio, Video.		Teaching Class	2							

VSM COLLEGE(A) :: RAMACHANDRAPURAM

TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT:COMPUTER SCIENCE

PAPER: ICT-I COMPUTER FUNDAMENTALS AND OFFICE TOOLS (Code:1620203)

CLASS: I B.Sc., 1B.A., 1B.Com.

NAME OF THE LECTURER: PN Malleswari, S Ratna Kumari, Sk Sharmila

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE		ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH: NOVEMBER					YEAR: 2018-19						
1	3 RD WEEK	2	Basics of Computers: Definition of computer, Characteristics and Applications of computer		Teaching Class	2					
2	4 TH WEEK	2	Block Diagram of a Digital computer, Classifications of Computer based on size and working		Teaching Class	2					
3	5 th WEEK	2	Central processing unit and I/o Devices		Teaching Class	2					
MONTH: DECEMBER					YEAR: 2018-19						
4	1 ST WEEK	2	Primary, Auxilary and Cache Memory, Memory Devices		Teaching Class	2					
5	2 ND WEEK	2	Software,Hardware,Firmware and Peopleware - Definition and Types of Operating System		Teaching Class	2					
6	3 RD WEEK	2	Functions of Operating System MS-DOS- MS Windows		Teaching Class	2					

17	3 RD WEEK	2	Basic HTML:Basic HTML, Web Terminology,Structure of HTML		Teaching Class	2					
18	4 th WEEK	2	HTML Document, Heading Body ,font,Image and Anchor Tags and some other tags in html.		Teaching Class	2					
MONTH: OCTOBER										YEAR: 2018-19	
19	1 ST WEEK	2	Different Types of Lists using tags and Example program		Teaching Class	2					
20	2 ND WEEK	2	CreateTable using HTML Code and Example Program, Create Image using HTML code and Example Program		Teaching Class	2					
21	3 RD WEEK		SEMESTER END EXAMINATIONS - 2018								
22	4 th WEEK		SEMESTER END EXAMINATIONS - 2018								
MONTH: NOVEMBER										YEAR: 2018-19	
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018								

G. S. P. Kumari
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7	3 RD WEEK	2	Facebook and Whas App Features, Twitter LinkedIn, Skype Features		Teaching Class	2					
8	4 TH WEEK	1	E-Mail: Definition of E-Mail, Advantages and Disadvantages, I MID EXAMS		Teaching Class	1					
9	5 th WEEK	1	User ID,passwords, Domain Names, Mailers,		Teaching Class	1					
MONTH: AUGUST										YEAR: 2018-19	
10	1 ST WEEK	1	Message Components, Message Composition		Teaching Class	1					
11	2 ND WEEK	2	Mail Management,E-Mail Inner Working.		Teaching Class	2					
12	3 RD WEEK	2	WWW: Web Applications,Web Termonologies		Teaching Class	2					
13	4 TH WEEK	2	Web Browsers,URL-Components		Teaching Class	2					
14	5 th WEEK	2	Searching WWW, Search Engine and Examples		Teaching Class	2					
MONTH: SEPTEMBER										YEAR: 2018-19	
15	1 ST WEEK	1	Revision		Teaching Class	1					
16	2 ND WEEK	0	II Mid Examinations		Teaching Class	0					

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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER: ICT-2 Internet Fundamentals and Web Tools(code:1630205)

CLASS: IIB.Sc, IIB.A, IIB.Com.


NAME OF THE LECTURER: PN Malleswari, S Ratna Kumari, Sk Sharmila

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH: JUNE								YEAR: 2018-19			
1	1 ST WEEK	1	Orientation Programme		Teaching Class	1					
2	2 ND WEEK	2	Fundamental of Internet: Networking Concepts, Data Communication, Types of Networking		Teaching Class	2					
3	3 RD WEEK	2	Internet Addressing and Internet Services		Teaching Class	2					
4	4 TH WEEK	2	Computer viruses and Types of Browsers		Teaching Class	2					
MONTH: JULY								YEAR: 2018-19			
5	1 ST WEEK	2	Internet Applications: Using Internet Explorer,Standard Internet Explorer Buttons,Entering website address		Teaching Class	2					
6	2 ND WEEK	2	Introduction to Social Networking: Twitter, Tumblr, LinkedIn,Facebook, Flickr, Skype, yahoo, Youtube, WhatsApp etc.,		Teaching Class	2					

22	5 th WEEK		SEMESTER END EXAMINATIONS - 2019									
MONTH: APRIL				2018-19								
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019									
24	2 ND WEEK		SEMESTER END EXAMINATIONS - 2019									
25	3 RD WEEK		PRACTICAL EXAMINATIONS - 2019									


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9	2 ND WEEK	3+2	Effects, jQuery UI themes, Customizing jQuery UI widgets / plug-ins, jQuery UI with CDN, Consuming jQuery Plug-ins from 3rd party web sites jQuery Validations, Intro to jQuery validation plug-in, Using jQuery validation plug-in, Regular expressions.		Teaching Class Practical	3 2						
10	3 RD WEEK	0+0	PONGAL HOLIDAYS									
11	4 TH WEEK	2+2	Intro to AJAX, Need of AJAX in real web sites, Getting database data using jQuery-AJAX,		Teaching Class Practical	2 2						
12	5 TH WEEK	2+2	Inserting, Updating, Deleting database data using jQuery-AJAX Grid Development using jQuery-AJAX		Teaching Class Practical	2 2						
MONTH: FEBRUARY							2018-19					
13	1 ST WEEK	1+0	Intro to JSON JSON syntax, Need of JSON in real web sites, JSON object,		Teaching Class Practical	1 0						
14	2 ND WEEK	3+2	JSON array, Complex JSON objects, Reading JSON objects using jQuery. Intro to AngularJS, Need of AngularJS in real web sites, Downloading AngularJS,		Teaching Class Practical	3 2						
15	3 RD WEEK	1+0	AngularJS first example, AngularJS built-in directives II Mid Exams		Teaching Class Practical	1 0						
16	4 TH WEEK	3+2	AngularJS expressions, AngularJS modules, AngularJS controllers, AngularJS scope AngularJS dependency injection AngularJS, bootstrapping		Teaching Class Practical	3 2						
17	5 TH WEEK	2+2	AngularJS data bindings, AngularJS \$watch, AngularJS filters, AngularJS events, AngularJS AJAX, Ng-repeat, AngularJS with json arrays, AngularJS registration form and login form,		Teaching Class Practical	2 2						
MONTH: MARCH							2018-19					
18	1 ST WEEK	1+0	AngularJS CRUD operations, AngularJS Animations,		Teaching Class Practical	1 0						
19	2 ND WEEK	2+2	AngularJS validations AngularJS \$q, AngularJS custom values,		Teaching Class Practical	2 2						
20	3 RD WEEK	3+2	AngularJS custom factories, AngularJS custom services, AngularJS custom directives,		Teaching Class Practical	3 2						
21	4 TH WEEK	2+2	AngularJS custom providers, AngularJS Routing, AngularUI Routing.		Teaching Class Practical	2 2						

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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

Paper – VIII(C-2) : Advanced Java Script (Code: 1662417)

CLASS: III B.Sc. (M.P.CS.)

NAME OF THE LECTURER: N.S.P.S.R Prasad

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH: NOVEMBER					2018-19						
1	3 rd WEEK	3+2	JQuery – Basics-String, Numbers, Boolean, Objects, Arrays, Functions, Arguments, Scope, Built-in Functions.		Teaching Class Practical	3 2					
2	4 th WEEK	3+2	jQuery – Selectors, jQuery – DOM Attributes: Get Attribute Value, Set Attribute Value. jQuery –		Teaching Class Practical	3 2					
3	5 th WEEK	3+2	DOM Traversing :: Find Elements by index, Filtering out Elements, Locating Descendent Elements, JQuery DOM Traversing Methods		Teaching Class Practical	3 2					
MONTH: DECEMBER					2018-19						
4	1 ST WEEK	3+2	jQuery – CSS Methods ,– DOM Manipulation Methods		Teaching Class Practical	3 2					
5	2 ND WEEK	3+2	jQuery – Events , jQuery – Effects, Intro to jQuery UI, Need of jQuery UI in real web sites, Downloading jQuery UI,		Teaching Class Practical	3 2					
6	3 RD WEEK	3+2	Importing jQuery UI, Draggable, Droppable, Resizable, Selectable, Sortable, Accordion,		Teaching Class Practical	3 2					
7	4 TH WEEK	1+0	I Mid Exams		Teaching Class Practical	1 0		Seminar	1		
MONTH: JANUARY					2018-19						
8	1 ST WEEK	3+2	Auto Complete, Button Setv, Date Picker, Dialog, Menu, Progress Bar, Slider, Spinner, Tabs, Tooltip, Color Animation, Easing Effects, addClass, removeClass,		Teaching Class Practical	3 2					

16	4 th WEEK	3+2	Using SELECT Command, Using WHERE in your Queries, Selecting from Multiple Tables, Using the UPDATE command to modify records, Using RELACE Command, Using the DELETE Command,		Teaching Class Practical	3 2						
17	5 th WEEK	2+2	Frequently used string functions in MySQL, Using Date and Time Functions in MySQL.		Teaching Class Practical	2 2						
MONTH: MARCH										2018-19		
18	1 ST WEEK	1+0	Interacting with MySQL using PHP: MySQL Versus MySQLi Functions, Connecting to MySQL with PHP,		Teaching Class Practical	1 0						
19	2 ND WEEK	2+2	Working with MySQL Data. Creating an Online Address Book: Planning and Creating Database Tables, Creating Menu, Creating Record Addition Mechanism, Viewing Records,		Teaching Class Practical	2 2						
20	3 RD WEEK	3+2	Creating the Record Deletion Mechanism, Adding Sub-entities to a Record. WordPress: Introduction to WordPress, servers like wamp, bitnami etc, installing and configuring WordPress,		Teaching Class Practical	3 2						
21	4 th WEEK	2+2	understanding admin panel, working with posts and pages, using editor, text formatting with shortcuts. Customizing the site, changing the appearance of site using CSS.		Teaching Class Practical	2 2						
22	5 th WEEK		SEMESTER END EXAMINATIONS - 2019									
MONTH: APRIL										2018-19		
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019									
24	2 ND WEEK		SEMESTER END EXAMINATIONS - 2019									
25	3 RD WEEK		PRACTICAL EXAMINATIONS - 2019									


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RAMACHANDRAPURAM-533 255, (E.G.D.)

6	3 RD WEEK	3+2	Working with Arrays: What are Arrays? Arrays, Some Array-Related Functions. Working with Objects: Creating Objects, Object Instance, Working with Strings, Dates and Time: Formatting strings with PHP, Investigating Strings with PHP,		Teaching Class Practical	3 2					
7	4 TH WEEK	1+2	Manipulating Strings with PHP, Using Date and Time Functions in PHP. I Mid Exams		Teaching Class Practical	1 2					
MONTH: JANUARY							2018-19				
8	1 ST WEEK	3+2	Working with Forms: Creating Forms, Accessing Form Input with User defined Arrays, Combining HTML and PHP code on a single Page, Using Hidden Fields to save state, Redirecting the user,		Teaching Class Practical	3 2					
9	2 ND WEEK	3+2	Sending Mail on Form Submission, Working with File Uploads.		Teaching Class Practical	2 2		Seminar	1		
10	3 RD WEEK	0+0	PONGAL HOLIDAYS								
11	4 TH WEEK	2+2	Working with Cookies and User Sessions: Introducing Cookies, Setting a Cookie with PHP, Session Function Overview, Starting a Session,		Teaching Class Practical	2 2					
12	5 TH WEEK	2+2	Working with session variables, passing session IDs in the Query String, Destroying Sessions and Unsetting Variables,		Teaching Class Practical	2 2					
MONTH: FEBRUARY							2018-19				
13	1 ST WEEK	1+0	Using Sessions in an Environment with Registered Users. Working with Files		Teaching Class Practical	1 0					
14	2 ND WEEK	3+2	Introduction to MySQL :Understanding the Database Design Process: The Importance of Good Database Design, Types of Table Relationships, Understanding Normalization. Learning basic SQL Commands: Learning the MySQL Data types,		Teaching Class Practical	3 2					
15	3 RD WEEK	1+0	Learning the Table Creation Syntax, Using Insert Command, II Mid Exams		Teaching Class Practical	1 0					

VSM COLLEGE(A) :: RAMACHANDRAPURAM

TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER VIII(C-1): PHP & MySQL, WordPress(Code: 1662416)

CLASS: III B.Sc., (M.P.CS.)

Name of the Lecturer : M.V.V.Chowdary

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH: NOVEMBER					2018-19						
1	3 rd WEEK	3+2	Installing and Configuring MySQL: Current and Future Versions of MySQL, How to Get MySQL, Installing MySQL on Linux, Windows, Trouble Shooting your Installation, Basic Security Guidelines. Introducing MySQL Privilege System, Working with User Privileges.		Teaching Class Practical	3 2					
2	4 th WEEK	3+2	Installing and Configuring Apache: Current and future versions of Apache, Choosing the Appropriate Installation Method. Installing Apache on Linux, Windows, Apache Configuration File Structure, Apache Log Files, Apache Related Commands, Trouble Shooting. Installing and Configuring PHP: Building PHP on Linux with Apache, Windows, php.ini. Basics,		Teaching Class Practical	3 2					
3	5 th WEEK	3+2	The Basics of PHP scripts. The Building blocks of PHP: Variables, Data Types, Operators and Expressions, Constants.		Teaching Class Practical	3 2					
MONTH: DECEMBER					2018-19						
4	1 ST WEEK	3+2	Control Functions in PHP: Switching Flow, Loops, Code Blocks and Browser Output.		Teaching Class Practical	3 2					
5	2 ND WEEK	3+2	Working with Functions: What is function? Calling functions, Defining Functions, Returning the values from User-Defined Functions, Variable Scope, Saving state between Function calls with the static statement, more about arguments.		Teaching Class Practical	3 2					

11	4 TH WEEK	2+2	mathematical functions,statements		Teaching Class Practical	2 2						
12	5 th WEEK	2+2	operators, arrays		Teaching Class Practical	2 2						
MONTH: FEBRUARY											2018-19	
13	1 ST WEEK	1+0	Objects in JavaScript: Data and object in JavaScript regular expressions		Teaching Class Practical	1 0						
14	2 ND WEEK	3+2	Exception handling, DHTML with JavaScript: Data validation, opening a new window,		Teaching Class Practical	3 2						
15	3 RD WEEK	1+0	Revision II Mid Exams		Teaching Class Practical	1 0						
16	4 th WEEK	3+2	messages and confirmations, the status bar, different frames		Teaching Class Practical	3 2						
17	5 th WEEK	2+2	rollover buttons,moving images		Teaching Class Practical	2 2						
MONTH: MARCH											2018-19	
18	1 ST WEEK	1+0	XML: defining data for web applications		Teaching Class Practical	1 0						
19	2 ND WEEK	2+2	basic XML,document type definition		Teaching Class Practical	2 2						
20	3 RD WEEK	3+2	presenting XML, document object model. Web Services		Teaching Class Practical	3 2						
21	4 th WEEK	2+2	Revision		Teaching Class Practical	2 2						
22	5 th WEEK		SEMESTER END EXAMINATIONS - 2019									
MONTH: APRIL											2018-19	
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019									
24	2 ND WEEK		SEMESTER END EXAMINATIONS - 2019									
25	3 RD WEEK		PRACTICAL EXAMINATIONS - 2019									


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RAMACHANDRAPURAM-535 255 (F.G.D.S.)

18	4 th WEEK	3+2	Analysis tools and design tools,programming tools,		Teaching Class Practical	3 2						
MONTH: OCTOBER										2018-19		
19	1 ST WEEK	3+2	Integraton and testing tools ,case studeies		Teaching Class Practical	2 2						
20	2 ND WEEK	2+2	Revision		Teaching Class Practical	2 2						
21	3 RD WEEK		SEMESTER END EXAMINATIONS - 2018									
22	4 th WEEK		SEMESTER END EXAMINATIONS - 2018									
MONTH: NOVEMBER										2018-19		
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018									
24	2 ND WEEK		PRACTICAL EXAMINATIONS - 2018									

v. Lalita
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M. V. R.
SIGNATURE OF THE DEPARTMENT I/C

M. J. Prasad
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8	4 TH WEEK	2+2	Architectural design and Procedural design , I Mid Exams		Teaching Class Practical	3 2					
9	5 th WEEK	1+0	Data flow oriented design explain with Examples.		Teaching Class Practical	3 2					
MONTH: AUGUST										2018-19	
10	1 ST WEEK	2+2	User interface design - Human factors		Teaching Class Practical	1 0		Guest Lecture	1		
11	2 ND WEEK	3+2	Human computer interaction - Human - Computer Interface design ,Interface design standrads		Teaching Class Practical	3 2					
12	3 RD WEEK	3+2	Software Quality Assurance , Quality metrics-		Teaching Class Practical	1 0					
13	4 TH WEEK	2+2	Software ReliabilitySoftware testing - Path testing		Teaching Class Practical	3 2					
14	5 th WEEK	3+2	Control Structures testing - Black Box testing		Teaching Class Practical	2 2					
MONTH: SEPTEMBER										2018-19	
15	1 ST WEEK	2+0	Integration, Validation and system testing , Reverse Engineering and Reengineering,		Teaching Class Practical	1 0					
16	2 ND WEEK	1+0	II Mid Exams		Teaching Class Practical	2 2		Guest Lecture	1		
17	3 RD WEEK	3+2	CASE tools- project management tools		Teaching Class Practical	3 2					

VSM COLLEGE(A) :: RAMACHANDRAPURAM

TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER VI: Software Engineering(Code: 1652406)

CLASS: III B.Sc., (M.P.CS.)

Name of the Lecturer : V Lalitha

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH: JUNE					2018-19						
1	1 ST WEEK	3+0	Introduction to Software Engineering, Software Engineering project Management		Orientation Class Teaching Class Practical	1 2 2					
2	2 ND WEEK	3+2	Process paradigms, Project Metrics, Software Estimation		Teaching Class Practical	3 2					
3	3 RD WEEK	3+2	Emperical Estimation models, Planning and Risk Analysis, Project scheduling		Teaching Class Practical	3 2					
4	4 TH WEEK	3+2	Requirement Engineering Processes – Feasibility Study – Problem of Requirements		Teaching Class Practical	2 2					
MONTH: JULY					2018-19						
5	1 ST WEEK	3+2	Software Requirement Analysis – Analysis Concepts and Principles		Teaching Class Practical	2 2		Guest Lecture	1		
6	2 ND WEEK	3+2	Analysis Process – Analysis Model, Software design - Abstraction - Modularity		Teaching Class Practical	3 2					
7	3 RD WEEK	3+2	Software Architecture - Effective modular design - Cohesion and Coupling		Teaching Class Practical	3 2					

174	3 RD WEEK	3+2	Join Operation, Set Operation, View, Sub Query, Embedded SQL		Teaching Class Practical	3 2					
18	4 th WEEK	3+2	PL/SQL: Introduction, Shortcoming in SQL, Structure of PL/SQL, PL/SQL Language Elements, Data Types, Operators Precedence,		Teaching Class Practical	3 2					
MONTH: OCTOBER										2018-19	
19	1 ST WEEK	3+2	Control Structure, Steps to Create a PL/SQL, Program, Iterative Control, Cursors, Steps to create a Cursors,		Teaching Class Practical	3 2					
20	2 ND WEEK	2+2	Procedure, Function, Packages, Exceptions Handling, Database Triggers, Types of Triggers.		Teaching Class Practical	2 2					
21	3 RD WEEK		SEMESTER END EXAMINATIONS - 2018								
22	4 th WEEK		SEMESTER END EXAMINATIONS - 2018								
MONTH: NOVEMBER										2018-19	
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018								
24	2 ND WEEK		PRACTICAL EXAMINATIONS - 2018								


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7	3 RD WEEK	3+2	IS A relationship and attribute inheritance, multiple inheritance, constraints on specialization and generalization, aggregation and composition, entity clusters, connection types, advantages of ER modeling.		Teaching Class Practical	3 2					
8	4 TH WEEK	2+2	Relational Model: Introduction, CODD Rules, relational data model, concept of key, relational integrity, I Mid Exams		Teaching Class Practical	2 2					
9	5 TH WEEK	1+0	relational algebra, relational algebra operations,		Teaching Class Practical	1 0					
MONTH: AUGUST										2018-19	
10	1 ST WEEK	2+2	advantages of relational algebra, limitations of relational algebra, relational calculus,		Teaching Class Practical	2 2					
11	2 ND WEEK	3+2	tuple relational calculus, Domain Relational Calculus (DRC). QBE		Teaching Class Practical	3 2					
12	3 RD WEEK	3+2	Structured Query Language: Introduction, History of SQL Standard, Commands in SQL, Data Types in SQL,		Teaching Class Practical	3 2					
13	4 TH WEEK	2+2	Data Definition Language, Selection Operation, Projection Operation, Aggregate functions,		Teaching Class Practical	2 2					
14	5 TH WEEK	3+2	Data Manipulation Language, Table Modification Commands, Table Truncation,		Teaching Class Practical	3 2					
MONTH: SEPTEMBER										2018-19	
15	1 ST WEEK	2+0	Imposition of Constraints, Revision		Teaching Class Practical	2 0					
16	2 ND WEEK	1+0	II Mid Exams		Teaching Class Practical	0 0		Guest Lecture	1		

VSM COLLEGE(A) :: RAMACHANDRAPURAM

TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER V: DataBase Management System(Code: 1652405)

CLASS: III B.Sc., (M.P.CS.)

Name of the Lecturer : M.V.V.Chowdary

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH: JUNE					2018-19						
1	1 ST WEEK	3+0	Orientation Program Overview of Database Management System: Introduction, file-based system, Drawbacks of file-Based System ,Data and information,		Orientation Class Teaching Class Practical	1 2 0					
2	2 ND WEEK	3+2	Database, Database Management System, Objectives of DBMS, Evolution of Database Management System, Classification of Database Management System,		Teaching Class Practical	3 2					
3	3 RD WEEK	3+2	DBMS Approach, advantages of DBMS, Anis/spark Data Model, data models,		Teaching Class Practical	3 2					
4	4 TH WEEK	3+2	Components and Interfaces of Database Management System. Database Architecture, Situations where DBMS is not Necessary, DBMS Vendors and Their Products.		Teaching Class Practical	3 2					
MONTH: JULY					2018-19						
5	1 ST WEEK	3+2	Entity-Relationship Model: Introduction, the building blocks of an entity relationship diagram, classification of entity sets, attribute classification, relationship degree,		Teaching Class Practical	2 2		Guest Lecture	1		
6	2 ND WEEK	3+2	relationship classification, reducing ER diagram to tables, enhanced entity-relationship model (EER model), generalization and specialization,		Teaching Class Practical	3 2					

MONTH: APRIL

23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019									
24	2 ND WEEK		SEMESTER END EXAMINATIONS - 2019									
25	3 RD WEEK		PRACTICAL EXAMINATIONS - 2019									


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9	2 ND WEEK	3 + 2	Trees: Binary Tree, Definition, Properties.		Teaching Class Practical	3 2					
10	3 RD WEEK	0+0	PONGAL HOLIDAYS								
11	4 TH WEEK	4 + 2	Binary Search Trees (BST) – Definition, ADT.		Teaching Class Practical	3 2		Group Discussion	1		
12	5 th WEEK	2 + 0	Operations and Implementations, BST Applications.		Teaching Class Practical	2 0					
MONTH: FEBRUARY										2018-19	
13	1 ST WEEK	2 + 2	Threaded Binary Trees,		Teaching Class Practical	2 2					
14	2 ND WEEK	4 + 2	Heap trees. Graphs – Graph and its Representation. Graph Traversals,		Teaching Class Practical	4 2					
15	3 RD WEEK	2 + 2	II Mid Exams		Teaching Class Practical	0 2		Group Discussion	2		
16	4 th WEEK	4 + 2	Connected Components, Basic Searching Techniques.		Teaching Class Practical	4 2					
17	5 th WEEK	2 + 2	Minimal Spanning Trees.		Teaching Class Practical	2 2					
MONTH: MARCH										2018-19	
18	1 ST WEEK	1 + 0	Sorting and Searching: Selection,		Teaching Class Practical	1 0					
19	2 ND WEEK	3 + 2	Insertion, Bubble Sort,		Teaching Class Practical	3 2					
20	3 RD WEEK	4 + 2	Merge Sort, Quick Sort, Heap sort,		Teaching Class Practical	4 2					
21	4 th WEEK	3 + 2	Sequential and Binary Searching.		Teaching Class Practical	3 2					
22	5 th WEEK		SEMESTER END EXAMINATIONS - 2019								

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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER IV: DATA STRUCTURES(Code: 1642404)

CLASS: II B.Sc., (M.P.CS.)

NAME OF THE LECTURER: MVV Chowdary, V Lalitha

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH: NOVEMBER					2018-19						
1	3 RD WEEK	4 + 2	Concept of Abstract Data Types (ADTs)- Data Types, Data Structures, Storage Structures, and File Structures.		Teaching Class Practical	4 2					
2	4 TH WEEK	4 + 2	Primitive and Non-primitive Data Structures, Linear and Non-linear Data Structures. Linear Lists – ADT, Array and Linked representations, Pointers.		Teaching Class Practical	4 2					
3	5 th WEEK	3 + 2	Arrays – ADT, Mappings, Representations, Sparse Matrices, Sets – ADT, Operations		Teaching Class Practical	3 2					
MONTH: DECEMBER					2018-19						
4	1 ST WEEK	4 + 2	Linked Lists: Single Linked List, Double Linked List, Circular Linked List , applications		Teaching Class Practical	4 2					
5	2 ND WEEK	4 + 2	Stacks: Definition, ADT, Array and Linked representations, Implementations, Applications of stacks.		Teaching Class Practical	4 2					
6	3 RD WEEK	4 + 2	Queues: Definition, ADT, Array and Linked representations, Circular Queues,		Teaching Class Practical	4 2					
7	4 TH WEEK	2 + 0	Dequeues, I Mid Exams		Teaching Class Practical	2 0					
MONTH: JANUARY					2018-19						
8	1 ST WEEK	4 + 2	Priority Queues, Implementations and Applications.		Teaching Class Practical	3 2		Group Discussion	1		

17	3 RD 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.		Teaching Class Practical	4 2					
18	4 th WEEK	4 + 2	APPLET PROGRAMMING: local and remote applets, Applets and Applications, Building Applet code, Applet Life cycle: Initialization state, Running state, Idle or stopped state, Dead state, Display state.		Teaching Class Practical	4 2					
MONTH: OCTOBER										2018-19	
19	1 ST WEEK	3 + 2	PACKAGES: Introduction, Java API Packages, Using system packages, Naming conversions, Creating Packages, Accessing a Package, using a Package.		Teaching Class Practical	2 2		Book Reviews	1		
20	2 ND WEEK	4 + 2	MANAGING INPUT/OUTPUT FILES IN JAVA: Introduction, Concept of Streams, Stream classes, Byte Stream Classes, Input Stream Classes, Output Stream Classes, Character Stream classes: Reader stream classes, Writer Stream classes, Using Streams, Reading and writing files.		Teaching Class Practical	4 2					
21	3 RD WEEK		SEMESTER END EXAMINATIONS-2018								
22	4 th WEEK		SEMESTER END EXAMINATIONS-2018								
MONTH: NOVEMBER										2018-19	
23	1 ST WEEK		SEMESTER END EXAMINATIONS-2018								
24	2 ND WEEK		PRACTICAL EXAMINATIONS - 2018								


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7	3 RD WEEK	4 + 2	The switch statement, the conditional operator. LOOPING: Introduction, The While statement, the do-while statement, the for statement, Jumps in loops.		Teaching Class Practical	4 2						
8	4 TH WEEK	2 + 2	Creating objects, Accessing class members, Constructors, Method overloading, MID EXAMS		Teaching Class Practical	2 2						
9	5 th WEEK	1 + 0	Static members, Nesting of methods.		Teaching Class Practical	1 0						
MONTH: AUGUST										2018-19		
10	1 ST WEEK	2 + 2	INHERITANCE: Extending a class, Overloading methods.		Teaching Class Practical	2 2						
11	2 ND WEEK	4 + 2	Final variables and methods, Final classes, Abstract methods and classes.		Teaching Class Practical	4 2						
12	3 RD WEEK	3 + 2	ARRAYS, STRINGS AND VECTORS: Arrays, One- dimensional arrays, Creating an array, Two – dimensional arrays, Strings, Vectors and wrapper classes		Teaching Class Practical	3 2						
13	4 TH WEEK	3 + 2	INTERFACES: MULTIPLE INHERITANCE: Introduction, Defining interfaces, Extending interfaces, Implementing interfaces, Accessing interface variables.		Teaching Class Practical	3 2						
14	5 th 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.		Teaching Class Practical	4 2						
MONTH: SEPTEMBER										2018-19		
15	1 ST WEEK	2 + 2	Thread Priority. Synchronization, Implementing the 'Runnable Interface'.		Teaching Class Practical	2 2						
16	2 ND WEEK	1 + 0	II Mid Exams		Teaching Class Practical	0 0		Book Reviews	1			

VSM COLLEGE(A) :: RAMACHANDRAPURAM

TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER III: OBJECT ORIENTED PROGRAMMING USING JAVA (Code: 1632403)

Semester : III

CLASS: II B.Sc., (M.P.CS.)

NAME OF THE LECTURER: MVV Chowdary, V Lalitha

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH: JUNE					2018-19						
1	1 ST WEEK	3 + 0	FUNDAMENTALS OF OBJECT – ORIENTED PROGRAMMING :Introduction, Object Oriented paradigm.		Orientation Class Teaching Class Practical	1 2 0					
2	2 ND WEEK	4 + 2	Basic Concepts of OOP, Benefits of OOP, Applications of OOP		Teaching Class Practical	4 2					
3	3 RD WEEK	4 + 2	Java features: OVERVIEW OF JAVA LANGUAGE: Introduction, Simple Java program structure.		Teaching Class Practical	4 2					
4	4 TH WEEK	4 + 2	Java tokens, Java Statements, Implementing a Java Program, Java Virtual Machine, Command line arguments.		Teaching Class Practical	4 2					
MONTH: JULY					2018-19						
5	1 ST WEEK	4 + 2	CONSTANTS, VARIABLES & DATA TYPES: Introduction, Constants, Variables, Data Types, Declaration of Variables, Giving Value to Variables, Scope of variables, Symbolic Constants, Type casting, Getting Value of Variables, Standard Default values.		Teaching Class Practical	4 2					
6	2 ND WEEK	4 + 2	OPERATORS & EXPRESSIONS, DECISION MAKING & BRANCHING: Introduction, Decision making with if statement, Simple if statement, if. Else statement, Nesting of if. else statements, the else if ladder		Teaching Class Practical	4 2					

19	2 ND WEEK	4+2	Union – Arrays of Unions Variables – Unions inside Structures – Enumerated Data Types, Files: Introduction to Files ,Using Files in C ,		Teaching Class Practical	4 2					
20	3 RD WEEK	4+2	Reading Data from Files , Writing Data from Files , Detecting the End-of-file, Error Handling during File Operations Accepting Command Line Arguments ,		Teaching Class Practical	4 2					
21	4 th WEEK	2+0	Functions for Selecting a Record Randomly , Remove() , Renaming a File , Creating a Temporary File		Teaching Class Practical	2 0					
22	5 th WEEK		SEMESTER END EXAMINATIONS - 2019								
MONTH: APRIL							2018-19				
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2019								
24	2 ND WEEK		PRACTICAL EXAMINATIONS - 2019								


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MONTH: JANUARY				2018-19								
8	1 ST WEEK	4+2	Storage Classes – Recursive functions – Type of recursion – Towers of Hanoi – Recursion vs Iteration		Teaching Class Practical	4 2						
9	2 ND WEEK	3+2	Arrays: Introduction , Declaration of Arrays , Accessing elements of the Array , Storing Values in Array , Calculating the length of the Array, Operations on Array ,		Teaching Class Practical	3 2						
10	3 RD WEEK	0+0	PONGAL HOLIDAYS									
11	4 TH WEEK	4+2	one dimensional array for inter-function communication, Two dimensional Arrays , Operations on Two Dimensional Arrays , Two Dimensional Arrays for inter-function communication ,		Teaching Class Practical	4 2						
12	5 TH WEEK	2+2	Multidimensional Arrays, Sparse Matrices		Teaching Class Practical	2 2						
MONTH: FEBRUARY				2018-19								
13	1 ST WEEK	2+0	Strings: Introduction , Suppressive Input , String Taxonomy , String Operations ,		Teaching Class Practical	2 0						
14	2 ND WEEK	4+2	Miscellaneous String and Character functions, Pointers: Understanding Computer Memory – Introduction to Pointers – declaring Pointer Variables – Pointer Expressions and Pointer Arithmetic –		Teaching Class Practical	4 2						
15	3 RD WEEK	2+2	Null Pointers – Generic Pointers - Passing Arguments to Functions using Pointer – Pointer and Arrays – Passing Array to Function – II Mid Exams		Teaching Class Practical	2 2						
16	4 TH WEEK	4+2	Difference between Array Name and Pointer – Pointers and Strings – Array of pointers – Pointer and 2D Arrays – Pointer and 3D Arrays – Function Pointers – Array Of Function Pointer – Pointers to Pointers –		Teaching Class Practical	4 2						
17	5 TH WEEK	2+2	Memory Allocation in C Programs – Memory Usage – Dynamic Memory Allocation – Drawbacks of Pointers		Teaching Class Practical	2 2						
MONTH: MARCH				2018-19								
18	1 ST WEEK	2+0	Structure, Union, and Enumerated Data Types: Introduction – Nested Structures – Arrays of Structures – Structures and Functions – Self referential Structures –		Teaching Class Practical	2 0						

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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER II : PROGRAMMING IN 'C'(Code:1622402)

CLASS: I B.Sc., (M.P.CS.)

NAME OF THE LECTURER: M Phani Kumar, PN Malleswari

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH: NOVEMBER					2018-19						
1	3 RD WEEK	4+2	Introduction to Algorithms and Programming Languages : Algorithm , Key features of Algorithms , Some more Algorithms, Flow Charts ,Pseudo code , Programming Languages, Generations of Programming Languages ,		Teaching Class Practical	4 2					
2	4 TH WEEK	4+2	Structured Programming Language, Design and Implementation of Correct, Efficient and Maintainable Programs. Introduction to C : Structure of C Program ,Writing the first C Program, Files used in C Program		Teaching Class Practical	4 2					
3	5 TH WEEK	4+2	Compiling and Executing C Programs , Using Comments , Keywords , Identifiers, Basic Data Types in C , Variables ,Constants , I/O Statements in C, Operators in C,		Teaching Class Practical	4 2					
MONTH: DECEMBER					2018-19						
4	1 ST WEEK	4+2	Programming Examples , Type Conversion and Type Casting . Decision Control and Looping Statements: Introduction to Decision Control Statements ,Conditional Branching Statements		Teaching Class Practical	4 2					
5	2 ND WEEK	4+2	Iterative Statements .Nested Loops , Break and Continue Statement , goto Statement		Teaching Class Practical	4 2					
6	3 RD WEEK	4+2	Functions: Introduction – using functions – Function declaration/ prototype – Function definition – function call – return statement – Passing parameters – Scope of variables –		Teaching Class Practical	4 2					
7	4 TH WEEK	2+2	I Mid Exams		Teaching Class Practical	2 2		Seminar	2		

19	3 RD WEEK		SEMESTER END EXAMINATIONS - 2018									
20	4 th WEEK		SEMESTER END EXAMINATIONS - 2018									
MONTH: NOVEMBER - 2018												
21	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018									
22	2 ND WEEK		PRACTICAL EXAMINATIONS - 2018									

P. N. Malleswari
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M. S. S. S.
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K. J. Srinivas
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TABLE - A - CURRICULUM PLAN - LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER I: COMPUTER FUNDAMENTALS AND PHOTOSHOP(Code: 1612401)


CLASS: 1 B.Sc., (M.P.CS.)

Name of the Lecturer : MVV Chowdary , M.C.A.,M.Tech.,M.B.A.


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE - 2017									
1	3 RD WEEK	4+2	Introduction to computers. characteristics and limitations of computer, Block diagram of a computer.	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class Practical	2 2 2			
2	4 TH WEEK	4+2	types of computers, uses of computers, computer generations, Applications of computers.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
MONTH: JULY - 2017									
3	1 ST WEEK	4+2	Number systems : Binary, Octal, Decimal, and hexa decimal number system, Conversions from one number system to another number system.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
4	2 ND WEEK	4+2	Input devices: Keyboard and Mouse, inputting data in other ways.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
5	3 RD WEEK	4+2	Output devices: Monitors, Printers and Plotters	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
6	4 TH WEEK	4+2	Types of Software: System software, Application software, commercial, open source, domain and free ware software,Memories: primary, secondary and cache memory. Windows basics: desktop, start menu, icons.	Computer System with LCD Projector / Black Board	Teaching Class Assignment Practical	4 1 2			

MONTH: AUGUST - 2017									
7	1 ST WEEK	2+2	I MID Exams	Computer System with LCD Projector / Black Board	Practical	2	Quiz	2	
8	2 ND WEEK	4+2	Introduction to Adobe Photoshop: Getting started with Photoshop, creating and saving a document in Photoshop, page layout and back ground	Computer System with LCD Projector	Teaching Class Practical	4 2			
9	3 RD WEEK	3+2	Photoshop program window- title bar, menu bar, option bar, image window,	Computer System with LCD Projector	Teaching Class Practical	3 2			
10	4 TH WEEK	3+2	image title bar, status bar, ruler, pallets	Computer System with LCD Projector	Teaching Class Practical	3 2			
11	5 th WEEK	4+2	tool box, screen modes, saving files, reverting files, closing files. Images: working with images, image size and resolution, image editing,	Computer System with LCD Projector	Teaching Class Practical	4 2			
MONTH: SEPTEMBER - 2017									
12	1 ST WEEK	1+0	II MID Exams colour modes and adjustments,	Computer System with LCD Projector	Teaching Class Practical	1 0			
13	2 ND WEEK	4+2	Zooming & Panning an Image,Rulers, Guides & Grids- Cropping & Straightening an Image, image backgrounds , making selections. Colour manipulations: colour modes- Levels – Curves - Seeing Colour accurately - Patch tool,	Computer System with LCD Projector	Teaching Class Practical	4 2			
14	3 RD WEEK	4+2	Working with tool box: working with pen tool, save and load selection- working with erasers-working with text and brushes. Cropping- Reading your palettes - Dust and scratches- Advanced Retouching- smoothing skin	Computer System with LCD Projector	Teaching Class Practical	4 2			
15	4 th WEEK		Dasara Holidays						

MONTH: OCTOBER - 2017									
16	1 ST WEEK	3+2	Layers: Working with layers- layer styles- opacity- adjustment layers.	Computer System with LCD Projector	Teaching Class Practical	3 2			
17	2 ND WEEK	4+2	Filters: The filter menu, Working with filters- Editing your photo shoot, presentation –how to create adds , artistic filter	Computer System with LCD Projector	Teaching Class Practical	4 2			
18	3 RD WEEK	4+2	Blur filter, brush store filter, distort filters, noise filters, pixelate filters, light effects, difference clouds, sharpen filters, printing.	Computer System with LCD Projector	Teaching Class Practical	4 2			
19	4 th WEEK		SEMESTER END EXAMINATIONS - 2017						
MONTH: NOVEMBER - 2017									
20	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017						
21	2 ND WEEK		PRACTICAL EXAMINATIONS - 2017						


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VSM COLLEGE(A) :: RAMACHANDRAPURAM

TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER I: COMPUTER FUNDAMENTALS AND PHOTOSHOP(Code: 1612401)

CLASS: I B.Sc., (M.P.CS.)

Name of the Lecturer : A Bala Bhavani , M.C.A.


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	3 RD WEEK	4+2	Introduction to computers, characteristics and limitations of computer, Block diagram of a computer,	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class Practical	2 2 2			
2	4 TH WEEK	4+2	types of computers, uses of computers, computer generations, Applications of computers.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
MONTH: JULY					2017-18				
3	1 ST WEEK	4+2	Number systems : Binary, Octal, Decimal, and hexa decimal number system, Conversions from one number system to another number system.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
4	2 ND WEEK	4+2	Input devices: Keyboard and Mouse, inputting data in other ways.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
5	3 RD WEEK	4+2	Output devices: Monitors, Printers and Plotters	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
6	4 TH WEEK	4+2	Types of Software: System software, Application software, commercial, open source, domain and free ware software, Memories: primary, secondary and cache memory. Windows basics: desktop, start menu, icons.	Computer System with LCD Projector / Black Board	Teaching Class Assignment Practical	4 1 2			

MONTH: AUGUST						2017-18			
7	1 ST WEEK	2+2	I MID Exams	Computer System with LCD Projector / Black Board	Practical	2	Quiz	2	
8	2 ND WEEK	4+2	Introduction to Adobe Photoshop: Getting started with Photoshop, creating and saving a document in Photoshop, page layout and back ground	Computer System with LCD Projector	Teaching Class Practical	4 2			
9	3 RD WEEK	3+2	Photoshop program window- title bar, menu bar, option bar, image window,	Computer System with LCD Projector	Teaching Class Practical	3 2			
10	4 TH WEEK	3+2	image title bar, status bar, ruler, pallets	Computer System with LCD Projector	Teaching Class Practical	3 2			
11	5 TH WEEK	4+2	tool box, screen modes, saving files, reverting files, closing files. Images: working with images, image size and resolution, image editing,	Computer System with LCD Projector	Teaching Class Practical	4 2			
MONTH: SEPTEMBER						2017-18			
12	1 ST WEEK	1+0	II MID Exams colour modes and adjustments,	Computer System with LCD Projector	Teaching Class Practical	1 0			
13	2 ND WEEK	4+2	Zooming & Panning an Image, Rulers, Guides & Grids- Cropping & Straightening an Image, image backgrounds , making selections. Colour manipulations: colour modes- Levels – Curves - Seeing Colour accurately - Patch tool,	Computer System with LCD Projector	Teaching Class Practical	4 2			
14	3 RD WEEK	4+2	Working with tool box: working with pen tool, save and load selection- working with erasers-working with text and brushes. Cropping- Reading your palettes - Dust and scratches- Advanced Retouching- smoothing skin	Computer System with LCD Projector	Teaching Class Practical	4 2			
15	4 TH WEEK	0	Dasara Holidays						

MONTH: OCTOBER						2017-18			
16	1 ST WEEK	3+2	Layers: Working with layers- layer styles- opacity- adjustment layers.	Computer System with LCD Projector	Teaching Class Practical	3 2			
17	2 ND WEEK	4+2	Filters: The filter menu, Working with filters- Editing your photo shoot, presentation –how to create adds , artistic filter	Computer System with LCD Projector	Teaching Class Practical	4 2			
18	3 RD WEEK	4+2	Blur filter, brush store filter, distort filters, noise filters, pixelate filters, light effects, difference clouds, sharpen filters, printing.	Computer System with LCD Projector	Teaching Class Practical	4 2			
19	4 th WEEK		SEMESTER END EXAMINATIONS - 2017						
MONTH: NOVEMBER						2017-18			
20	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017						
21	2 ND WEEK		PRACTICAL EXAMINATIONS - 2017						


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TABLE - A - CURRICULUM PLAN - LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER I: COMPUTER FUNDAMENTALS AND PHOTOSHOP(Code: 1612401)

CLASS: 1 B.Sc., (M.P.CS.)

Name of the Lecturer : M Phani Kumar, M.C.A.


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	3 RD WEEK	4+2	Introduction to computers, characteristics and limitations of computer, Block diagram of a computer,	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class Practical	2 2 2			
2	4 TH WEEK	4+2	types of computers, uses of computers, computer generations, Applications of computers.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
MONTH: JULY					2017-18				
3	1 ST WEEK	4+2	Number systems : Binary, Octal, Decimal, and hexa decimal number system, Conversions from one number system to another number system.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
4	2 ND WEEK	4+2	Input devices: Keyboard and Mouse, inputting data in other ways.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
5	3 RD WEEK	4+2	Output devices: Monitors, Printers and Plotters	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
6	4 TH WEEK	4+2	Types of Software: System software, Application software, commercial, open source, domain and free ware software, Memories: primary, secondary and cache memory. Windows basics: desktop, start menu, icons.	Computer System with LCD Projector / Black Board	Teaching Class Assignment Practical	4 1 2			

MONTH: AUGUST							2017-18			
7	1 ST WEEK	2+2	I MID Exams	Computer System with LCD Projector / Black Board	Practical	2	Quiz	2		
8	2 ND WEEK	4+2	Introduction to Adobe Photoshop: Getting started with Photoshop, creating and saving a document in Photoshop, page layout and back ground	Computer System with LCD Projector	Teaching Class Practical	4 2				
9	3 RD WEEK	3+2	Photoshop program window- title bar, menu bar, option bar, image window,	Computer System with LCD Projector	Teaching Class Practical	3 2				
10	4 TH WEEK	3+2	image title bar, status bar, ruler, pallets	Computer System with LCD Projector	Teaching Class Practical	3 2				
11	5 TH WEEK	4+2	tool box, screen modes, saving files, reverting files, closing files. Images: working with images, image size and resolution, image editing,	Computer System with LCD Projector	Teaching Class Practical	4 2				
MONTH: SEPTEMBER							2017-18			
12	1 ST WEEK	1+0	II MID Exams colour modes and adjustments,	Computer System with LCD Projector	Teaching Class Practical	1 0				
13	2 ND WEEK	4+2	Zooming & Panning an Image, Rulers, Guides & Grids- Cropping & Straightening an Image, image backgrounds , making selections. Colour manipulations: colour modes- Levels – Curves - Seeing Colour accurately - Patch tool,	Computer System with LCD Projector	Teaching Class Practical	4 2				
14	3 RD WEEK	4+2	Working with tool box: working with pen tool, save and load selection- working with erasers-working with text and brushes. Cropping- Reading your palettes - Dust and scratches- Advanced Retouching- smoothing skin	Computer System with LCD Projector	Teaching Class Practical	4 2				
15	4 TH WEEK	0	Dasara Holidays							

MONTH: OCTOBER							2017-18			
16	1 ST WEEK	3+2	Layers: Working with layers- layer styles- opacity- adjustment layers.	Computer System with LCD Projector	Teaching Class Practical	3 2				
17	2 ND WEEK	4+2	Filters: The filter menu, Working with filters- Editing your photo shoot, presentation –how to create adds , artistic filter	Computer System with LCD Projector	Teaching Class Practical	4 2				
18	3 RD WEEK	4+2	Blur filter, brush store filter, distort filters, noise filters, pixelate filters, light effects, difference clouds, sharpen filters, printing.	Computer System with LCD Projector	Teaching Class Practical	4 2				
19	4 th WEEK		SEMESTER END EXAMINATIONS - 2017							
MONTH: NOVEMBER							2017-18			
20	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017							
21	2 ND WEEK		PRACTICAL EXAMINATIONS - 2017							


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TABLE - A - CURRICULUM PLAN - LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER I: COMPUTER FUNDAMENTALS AND PHOTOSHOP(Code: 1612401)

CLASS: I B.Sc.(~~IT~~ C.A)

Name of the Lecturer : PN Malleswari, M.C.A.


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	3 RD WEEK	4+2	Introduction to computers, characteristics and limitations of computer, Block diagram of a computer,	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class Practical	2 2 2			
2	4 TH WEEK	4+2	types of computers, uses of computers, computer generations, Applications of computers.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
MONTH: JULY					2017-18				
3	1 ST WEEK	4+2	Number systems : Binary, Octal, Decimal, and hexa decimal number system, Conversions from one number system to another number system.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
4	2 ND WEEK	4+2	Input devices: Keyboard and Mouse, inputting data in other ways.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
5	3 RD WEEK	4+2	Output devices: Monitors, Printers and Plotters	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
6	4 TH WEEK	4+2	Types of Software: System software, Application software, commercial, open source, domain and free ware software, Memories: primary, secondary and cache memory. Windows basics: desktop, start menu, icons.	Computer System with LCD Projector / Black Board	Teaching Class Assignment Practical	4 1 2			

MONTH: AUGUST						2017-18				
7	1 ST WEEK	2+2	I MID Exams	Computer System with LCD Projector / Black Board	Practical	2	Quiz	2		
8	2 ND WEEK	4+2	Introduction to Adobe Photoshop: Getting started with Photoshop, creating and saving a document in Photoshop, page layout and back ground	Computer System with LCD Projector	Teaching Class Practical	4 2				
9	3 RD WEEK	3+2	Photoshop program window- title bar, menu bar, option bar, image window,	Computer System with LCD Projector	Teaching Class Practical	3 2				
10	4 TH WEEK	3+2	image title bar, status bar, ruler, pallets	Computer System with LCD Projector	Teaching Class Practical	3 2				
11	5 TH WEEK	4+2	tool box, screen modes, saving files, reverting files, closing files. Images: working with images, image size and resolution, image editing,	Computer System with LCD Projector	Teaching Class Practical	4 2				
MONTH: SEPTEMBER						2017-18				
12	1 ST WEEK	1+0	II MID Exams colour modes and adjustments,	Computer System with LCD Projector	Teaching Class Practical	1 0				
13	2 ND WEEK	4+2	Zooming & Panning an Image, Rulers, Guides & Grids- Cropping & Straightening an Image, image backgrounds , making selections. Colour manipulations: colour modes- Levels – Curves - Seeing Colour accurately - Patch tool,	Computer System with LCD Projector	Teaching Class Practical	4 2				
14	3 RD WEEK	4+2	Working with tool box: working with pen tool, save and load selection- working with erasers-working with text and brushes. Cropping- Reading your palettes - Dust and scratches- Advanced Retouching- smoothing skin	Computer System with LCD Projector	Teaching Class Practical	4 2				
15	4 TH WEEK	0	Dasara Holidays							

MONTH: OCTOBER							2017-18			
16	1 ST WEEK	3+2	Layers: Working with layers- layer styles- opacity- adjustment layers.	Computer System with LCD Projector	Teaching Class Practical	3 2				
17	2 ND WEEK	4+2	Filters: The filter menu, Working with filters- Editing your photo shoot, presentation –how to create adds , artistic filter	Computer System with LCD Projector	Teaching Class Practical	4 2				
18	3 RD WEEK	4+2	Blur filter, brush store filter, distort filters, noise filters, pixelate filters, light effects, difference clouds, sharpen filters, printing.	Computer System with LCD Projector	Teaching Class Practical	4 2				
19	4 th WEEK		SEMESTER END EXAMINATIONS - 2017							
MONTH: NOVEMBER							2017-18			
20	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017							
21	2 ND WEEK		PRACTICAL EXAMINATIONS - 2017							

P. Nagamalleswar,
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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER II : PROGRAMMING IN 'C'(Code:1622402)

CLASS: I B.Sc., (M.P.CS.)

NAME OF THE LECTURER: M.V.V.Chowdary M.C.A.,M.Tech., M.B.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER					2017-18				
1	3 RD WEEK	4+2	Introduction to Algorithms and Programming Languages : Algorithm , Key features of Algorithms , Some more Algorithms, Flow Charts ,Pseudo code , Programming Languages, Generations of Programming Languages ,	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
2	4 TH WEEK	4+2	Structured Programming Language, Design and Implementation of Correct, Efficient and Maintainable Programs. Introduction to C : Structure of C Program ,Writing the first C Program, Files used in C Program	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
3	5 th WEEK	3+2	Compiling and Executing C Programs , Using Comments , Keywords , Identifiers, Basic Data Types in C , Variables ,Constants , I/O Statements in C, Operators in C,	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2			
MONTH: DECEMBER					2017-18				
4	1 ST WEEK	4+2	Programming Examples , Type Conversion and Type Casting . Decision Control and Looping Statements : Introduction to Decision Control Statements ,Conditional Branching Statements	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
5	2 ND WEEK	4+2	Iterative Statements .Nested Loops , Break and Continue Statement , goto Statement	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
6	3 RD WEEK	2+0	I Mid Exams		Teaching Class Practical	0 0	Seminar	2	

7	4 TH WEEK	2+2	Functions: Introduction – using functions – Function declaration/ prototype – Function definition – function call – return statement –	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
8	5 th WEEK	2+2	Passing parameters – Scope of variables –	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
MONTH: JANUARY							2017-18			
9	1 ST WEEK	4+2	Storage Classes – Recursive functions – Type of recursion – Towers of Hanoi – Recursion vs Iteration	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
10	2 ND WEEK	2+0	Arrays: Introduction , Declaration of Arrays , Accessing elements of the Array , Storing Values in Array , Calculating the length of the Array, Operations on Array ,	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 0				
11	3 RD WEEK	0+0	PONGAL HOLIDAYS							
12	4 TH WEEK	4+2	one dimensional array for inter-function communication, Two dimensional Arrays ,Operations on Two Dimensional Arrays , Two Dimensional Arrays for inter-function communication ,	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
13	5 th WEEK	2+2	Multidimensional Arrays, Sparse Matrices	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
MONTH: FEBRUARY							2017-18			
14	1 ST WEEK	2+0	Strings: Introduction ,Suppressive Input , String Taxonomy , String Operations ,	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 0				
15	2 ND WEEK	1+0	II Mid Exams Miscellaneous String and Character functions	Computer System with LCD Projector / Black Board	Teaching Class Practical	1 0				
16	3 RD WEEK	4+2	Pointers: Understanding Computer Memory – Introduction to Pointers – declaring Pointer Variables – Pointer Expressions and Pointer Arithmetic – Null Pointers – Generic Pointers - Passing Arguments to Functions using Pointer – Pointer and Arrays – Passing Array to Function –	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				

17	4 th WEEK	4+2	Difference between Array Name and Pointer – Pointers and Strings – Array of pointers – Pointer and 2D Arrays – Pointer and 3D Arrays – Function Pointers – Array Of Function Pointer – Pointers to Pointers –	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
18	5 th WEEK	2+2	Memory Allocation in C Programs – Memory Usage – Dynamic Memory Allocation – Drawbacks of Pointers	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
MONTH: MARCH						2017-18				
19	1 ST WEEK	2+0	Structure, Union, and Enumerated Data Types: Introduction – Nested Structures – Arrays of Structures – Structures and Functions – Self referential Structures – Union – Arrays of Unions Variables – Unions inside Structures – Enumerated Data Types	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 0				
20	2 ND WEEK	4+2	Files: Introduction to Files ,Using Files in C , Reading Data from Files , Writing Data from Files , Detecting the End-of-file	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
21	3 RD WEEK	4+2	Error Handling during File Operations Accepting Command Line Arguments , Functions for Selecting a Record Randomly , Remove() , Renaming a File , Creating a Temporary File	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
22	4 th WEEK		SEMESTER END EXAMINATIONS - 2018							
MONTH: APRIL						2017-18				
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018							
24	2 ND WEEK		PRACTICAL EXAMINATIONS - 2018							


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER II : PROGRAMMING IN 'C'(Code:1622402)

CLASS: I B.Sc., (M.P.CS.)

NAME OF THE LECTURER: A Bala Bhavani, M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER					2017-18				
1	3 RD WEEK	4+2	Introduction to Algorithms and Programming Languages : Algorithm , Key features of Algorithms , Some more Algorithms, Flow Charts ,Pseudo code , Programming Languages, Generations of Programming Languages ,	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
2	4 TH WEEK	4+2	Structured Programming Language, Design and Implementation of Correct, Efficient and Maintainable Programs. Introduction to C : Structure of C Program ,Writing the first C Program, Files used in C Program	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
3	5 th WEEK	3+2	Compiling and Executing C Programs , Using Comments , Keywords , Identifiers, Basic Data Types in C , Variables ,Constants , I/O Statements in C, Operators in C,	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2			
MONTH: DECEMBER					2017-18				
4	1 ST WEEK	4+2	Programming Examples , Type Conversion and Type Casting . Decision Control and Looping Statements: Introduction to Decision Control Statements ,Conditional Branching Statements	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
5	2 ND WEEK	4+2	Iterative Statements .Nested Loops , Break and Continue Statement , goto Statement	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
6	3 RD WEEK	2+0	I Mid Exams		Teaching Class Practical	0 0	Seminar	2	
7	4 TH WEEK	2+2	Functions: Introduction – using functions – Function declaration/ prototype – Function definition – function call – return statement –	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2			

8	5 th WEEK	2+2	Passing parameters – Scope of variables –	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2			
MONTH: JANUARY						2017-18			
9	1 ST WEEK	4+2	Storage Classes – Recursive functions – Type of recursion – Towers of Hanoi – Recursion vs Iteration	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
10	2 ND WEEK	2+0	Arrays: Introduction , Declaration of Arrays , Accessing elements of the Array , Storing Values in Array , Calculating the length of the Array, Operations on Array ,	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 0			
11	3 RD WEEK	0+0	PONGAL HOLIDAYS						
12	4 TH WEEK	4+2	one dimensional array for inter-function communication, Two dimensional Arrays ,Operations on Two Dimensional Arrays , Two Dimensional Arrays for inter-function communication ,	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
13	5 th WEEK	2+2	Multidimensional Arrays, Sparse Matrices	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2			
MONTH: FEBRUARY						2017-18			
14	1 ST WEEK	2+0	Strings: Introduction ,Suppressive Input , String Taxonomy , String Operations ,	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 0			
15	2 ND WEEK	1+0	II Mid Exams Miscellaneous String and Character functions	Computer System with LCD Projector / Black Board	Teaching Class Practical	1 0			
16	3 RD WEEK	4+2	Pointers: Understanding Computer Memory – Introduction to Pointers – declaring Pointer Variables – Pointer Expressions and Pointer Arithmetic – Null Pointers – Generic Pointers – Passing Arguments to Functions using Pointer – Pointer and Arrays – Passing Array to Function –	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			

17	4 th WEEK	4+2	Difference between Array Name and Pointer – Pointers and Strings – Array of pointers – Pointer and 2D Arrays – Pointer and 3D Arrays – Function Pointers – Array Of Function Pointer – Pointers to Pointers –	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
18	5 th WEEK	2+2	Memory Allocation in C Programs – Memory Usage – Dynamic Memory Allocation – Drawbacks of Pointers	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
MONTH: MARCH							2017-18			
19	1 ST WEEK	2+0	Structure, Union, and Enumerated Data Types: Introduction – Nested Structures – Arrays of Structures – Structures and Functions – Self referential Structures – Union – Arrays of Unions Variables – Unions inside Structures – Enumerated Data Types	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 0				
20	2 ND WEEK	4+2	Files: Introduction to Files ,Using Files in C , Reading Data from Files , Writing Data from Files , Detecting the End-of-file	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
21	3 RD WEEK	4+2	Error Handling during File Operations Accepting Command Line Arguments , Functions for Selecting a Record Randomly , Remove() , Renaming a File , Creating a Temporary File	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
22	4 th WEEK		SEMESTER END EXAMINATIONS - 2018							
MONTH: APRIL							2017-18			
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018							
24	2 ND WEEK		PRACTICAL EXAMINATIONS - 2018							

A. Bala Bharani
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M. J. J. J.
SIGNATURE OF THE DEPARTMENT I/C

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TABLE - A - CURRICULUM PLAN - LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER II : PROGRAMMING IN 'C'(Code:1622402)

CLASS: I B.Sc., (M.P.CS.)

NAME OF THE LECTURER: M Phani Kumar, M.C.A.

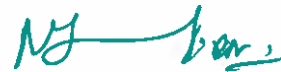
SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER					2017-18				
1	3 RD WEEK	4+2	Introduction to Algorithms and Programming Languages : Algorithm , Key features of Algorithms , Some more Algorithms, Flow Charts ,Pseudo code , Programming Languages, Generations of Programming Languages ,	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
2	4 TH WEEK	4+2	Structured Programming Language, Design and Implementation of Correct, Efficient and Maintainable Programs. Introduction to C : Structure of C Program ,Writing the first C Program, Files used in C Program	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
3	5 th WEEK	3+2	Compiling and Executing C Programs , Using Comments , Keywords , Identifiers, Basic Data Types in C , Variables ,Constants , I/O Statements in C, Operators in C,	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2			
MONTH: DECEMBER					2017-18				
4	1 ST WEEK	4+2	Programming Examples , Type Conversion and Type Casting . Decision Control and Looping Statements: Introduction to Decision Control Statements ,Conditional Branching Statements	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
5	2 ND WEEK	4+2	Iterative Statements .Nested Loops , Break and Continue Statement , goto Statement	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
6	3 RD WEEK	2+0	1 Mid Exams		Teaching Class Practical	0 0	Seminar	2	
7	4 TH WEEK	2+2	Functions: Introduction – using functions – Function declaration/ prototype – Function definition – function call – return statement –	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2			

8	5 th WEEK	2+2	Passing parameters – Scope of variables –	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
MONTH: JANUARY							2017-18			
9	1 ST WEEK	4+2	Storage Classes – Recursive functions – Type of recursion – Towers of Hanoi – Recursion vs Iteration	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
10	2 ND WEEK	2+0	Arrays: Introduction , Declaration of Arrays , Accessing elements of the Array , Storing Values in Array , Calculating the length of the Array, Operations on Array ,	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 0				
11	3 RD WEEK	0+0	PONGAL HOLIDAYS							
12	4 TH WEEK	4+2	one dimensional array for inter-function communication, Two dimensional Arrays , Operations on Two Dimensional Arrays , Two Dimensional Arrays for inter-function communication ,	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
13	5 th WEEK	2+2	Multidimensional Arrays, Sparse Matrices	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
MONTH: FEBRUARY							2017-18			
14	1 ST WEEK	2+0	Strings: Introduction , Suppressive Input , String Taxonomy , String Operations ,	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 0				
15	2 ND WEEK	1+0	II Mid Exams Miscellaneous String and Character functions	Computer System with LCD Projector / Black Board	Teaching Class Practical	1 0				
16	3 RD WEEK	4+2	Pointers: Understanding Computer Memory – Introduction to Pointers – declaring Pointer Variables – Pointer Expressions and Pointer Arithmetic – Null Pointers – Generic Pointers – Passing Arguments to Functions using Pointer – Pointer and Arrays – Passing Array to Function –	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				

17	4 th WEEK	4+2	Difference between Array Name and Pointer – Pointers and Strings – Array of pointers – Pointer and 2D Arrays – Pointer and 3D Arrays – Function Pointers – Array Of Function Pointer – Pointers to Pointers –	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
18	5 th WEEK	2+2	Memory Allocation in C Programs – Memory Usage – Dynamic Memory Allocation – Drawbacks of Pointers	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
MONTH: MARCH							2017-18			
19	1 ST WEEK	2+0	Structure, Union, and Enumerated Data Types: Introduction – Nested Structures – Arrays of Structures – Structures and Functions – Self referential Structures – Union – Arrays of Unions Variables – Unions inside Structures – Enumerated Data Types	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 0				
20	2 ND WEEK	4+2	Files: Introduction to Files ,Using Files in C , Reading Data from Files , Writing Data from Files , Detecting the End-of-file	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
21	3 RD WEEK	4+2	Error Handling during File Operations Accepting Command Line Arguments , Functions for Selecting a Record Randomly , Remove() , Renaming a File , Creating a Temporary File	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
22	4 th WEEK		SEMESTER END EXAMINATIONS - 2018							
MONTH: APRIL							2017-18			
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018							
24	2 ND WEEK		PRACTICAL EXAMINATIONS - 2018							


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TABLE - A - CURRICULUM PLAN - LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER II : PROGRAMMING IN 'C'(Code:1622402)

CLASS: I B.Sc., (M.P.CS.)

NAME OF THE LECTURER: PN Malleswari, M.C.A.


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER					2017-18				
1	3 RD WEEK	4+2	Introduction to Algorithms and Programming Languages : Algorithm , Key features of Algorithms , Some more Algorithms, Flow Charts ,Pseudo code , Programming Languages, Generations of Programming Languages ,	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
2	4 TH WEEK	4+2	Structured Programming Language, Design and Implementation of Correct, Efficient and Maintainable Programs. Introduction to C : Structure of C Program ,Writing the first C Program, Files used in C Program	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
3	5 th WEEK	3+2	Compiling and Executing C Programs , Using Comments , Keywords , Identifiers, Basic Data Types in C , Variables ,Constants , I/O Statements in C, Operators in C,	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2			
MONTH: DECEMBER					2017-18				
4	1 ST WEEK	4+2	Programming Examples , Type Conversion and Type Casting . Decision Control and Looping Statements: Introduction to Decision Control Statements ,Conditional Branching Statements	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
5	2 ND WEEK	4+2	Iterative Statements .Nested Loops , Break and Continue Statement , goto Statement	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
6	3 RD WEEK	2+0	I Mid Exams		Teaching Class Practical	0 0	Seminar	2	
7	4 TH WEEK	2+2	Functions: Introduction – using functions – Function declaration/ prototype – Function definition – function call – return statement –	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2			

8	5 th WEEK	2+2	Passing parameters – Scope of variables –	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2			
MONTH: JANUARY						2017-18			
9	1 ST WEEK	4+2	Storage Classes – Recursive functions – Type of recursion – Towers of Hanoi – Recursion vs Iteration	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
10	2 ND WEEK	2+0	Arrays: Introduction , Declaration of Arrays , Accessing elements of the Array , Storing Values in Array , Calculating the length of the Array, Operations on Array ,	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 0			
11	3 RD WEEK	0+0	PONGAL HOLIDAYS						
12	4 TH WEEK	4+2	one dimensional array for inter-function communication, Two dimensional Arrays ,Operations on Two Dimensional Arrays . Two Dimensional Arrays for inter-function communication ,	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
13	5 th WEEK	2+2	Multidimensional Arrays, Sparse Matrices	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2			
MONTH: FEBRUARY						2017-18			
14	1 ST WEEK	2+0	Strings: Introduction ,Suppressive Input , String Taxonomy , String Operations ,	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 0			
15	2 ND WEEK	1+0	II Mid Exams Miscellaneous String and Character functions	Computer System with LCD Projector / Black Board	Teaching Class Practical	1 0			
16	3 RD WEEK	4+2	Pointers: Understanding Computer Memory – Introduction to Pointers – declaring Pointer Variables – Pointer Expressions and Pointer Arithmetic – Null Pointers – Generic Pointers - Passing Arguments to Functions using Pointer – Pointer and Arrays – Passing Array to Function –	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			

17	4 th WEEK	4+2	Difference between Array Name and Pointer – Pointers and Strings – Array of pointers – Pointer and 2D Arrays – Pointer and 3D Arrays – Function Pointers – Array of Function Pointer – Pointers to Pointers –	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
18	5 th WEEK	2+2	Memory Allocation in C Programs – Memory Usage – Dynamic Memory Allocation – Drawbacks of Pointers	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
MONTH: MARCH							2017-18			
19	1 ST WEEK	2+0	Structure, Union, and Enumerated Data Types: Introduction – Nested Structures – Arrays of Structures – Structures and Functions – Self referential Structures – Union – Arrays of Unions Variables – Unions inside Structures – Enumerated Data Types	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 0				
20	2 ND WEEK	4+2	Files: Introduction to Files ,Using Files in C , Reading Data from Files , Writing Data from Files , Detecting the End-of-file	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
21	3 RD WEEK	4+2	Error Handling during File Operations Accepting Command Line Arguments , Functions for Selecting a Record Randomly , Remove() , Renaming a File , Creating a Temporary File	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
22	4 th WEEK		SEMESTER END EXAMINATIONS - 2018							
MONTH: APRIL							2017-18			
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018							
24	2 ND WEEK		PRACTICAL EXAMINATIONS - 2018							

P. nagamalleswari
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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

APER III: OBJECT ORIENTED PROGRAMMING USING JAVA (Code: 1632403)

Semester : III

CLASS: II B.Sc., (M.P.CS.)

NAME OF THE LECTURER: MVV Chowdary, M.C.A.,M.Tech.,M.B.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	2 ND WEEK	4 + 2	FUNDAMENTALS OF OBJECT – ORIENTED PROGRAMMING :Introduction, Object Oriented paradigm.	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class Practical	1 3 2			
2	3 RD WEEK	3 + 2	Basic Concepts of OOP, Benefits of OOP, Applications of OOP	Computer System with LCD Projector / Black Board	Teaching Class	3 2			
3	4 TH WEEK	4 + 2	Java features: OVERVIEW OF JAVA LANGUAGE: Introduction, Simple Java program structure.	Computer System with LCD Projector / Black Board	Teaching Class	4 2			
4	5 TH WEEK	4 + 2	Java tokens, Java Statements, Implementing a Java Program, Java Virtual Machine, Command line arguments.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
MONTH: JULY					2017-18				
5	1 ST WEEK	4 + 2	CONSTANTS, VARIABLES & DATA TYPES: Introduction, Constants, Variables, Data Types, Declaration of Variables, Giving Value to Variables, Scope of variables, Symbolic Constants, Type casting, Getting Value of Variables, Standard Default values.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			

6	2 ND WEEK	4 + 2	OPERATORS & EXPRESSIONS, DECISION MAKING & BRANCHING: Introduction, Decision making with if statement, Simple if statement, if. Else statement, Nesting of if. else statements, the else if ladder	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
7	3 RD WEEK	4 + 2	The switch statement, the conditional operator. LOOPING: Introduction, The While statement, the do-while statement, the for statement, Jumps in loops.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
8	4 TH WEEK	4 + 2	Creating objects, Accessing class members, Constructors, Method overloading, Static members, Nesting of methods.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
MONTH: AUGUST							2017-18			
9	1 ST WEEK	2 + 2	INHERITANCE: Extending a class, Overloading methods. <i>EMCO</i>	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
10	2 ND WEEK	4 + 2	Final variables and methods, Final classes, Abstract methods and classes.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
11	3 RD WEEK	3 + 2	ARRAYS, STRINGS AND VECTORS: Arrays, One-dimensional arrays, Creating an array, Two – dimensional arrays, Strings, Vectors and wrapper classes	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2				
12	4 TH WEEK	3 + 2	INTERFACES: MULTIPLE INHERITANCE: Introduction, Defining interfaces, Extending interfaces, Implementing interfaces, Accessing interface variables.	Computer System with LCD Projector / Black Board	Teaching Class Unit Test - 2 Practical	3 2				
13	5 th 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.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
MONTH: SEPTEMBER							2017-18			
14	1 ST WEEK	1 + 0	II Mid Exams Thread Priority.	Computer System with LCD Projector / Black Board	Teaching Class Practical	1 0				

15	2 ND WEEK	4 + 2	Synchronization, Implementing the 'Runnable Interface'. MANAGING ERRORS AND EXCEPTIONS: Types of errors : Compile-time errors, Run-time errors. Exceptions, Exception handling.	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2	Book Reviews	1	
16	3 RD WEEK	4 + 2	Multiple catch statements, Using finally statement. APPLET PROGRAMMING: local and remote applets, Applets and Applications, Building Applet code, Applet Life cycle: Initialization state, Running state, Idle or stopped state, Dead state, Display state.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
17	4 th WEEK	0	DASARA HOLIDAYS						
MONTH: OCTOBER								2017-18	
18	1 ST WEEK	3 + 2	PACKAGES: Introduction, Java API Packages, Using system packages, Naming conversions, Creating Packages, Accessing a Package, using a Package.	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2	Book Reviews	1	
19	2 ND WEEK	4 + 2	MANAGING INPUT/OUTPUT FILES IN JAVA: Introduction, Concept of Streams, Stream classes, Byte Stream Classes, Input Stream Classes, Output Stream Classes, Character Stream classes: Reader stream classes, Writer Stream classes, Using Streams, Reading and writing files.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
20	3 RD WEEK		PRACTICAL EXAMINATIONS - 2017						
21	4 th WEEK		SEMESTER END EXAMINATIONS-2017						
MONTH: NOVEMBER								2017-18	
22	1 ST WEEK		SEMESTER END EXAMINATIONS-2017						


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

APER III: OBJECT ORIENTED PROGRAMMING USING JAVA (Code: 1632403)

Semester : III

CLASS: II B.Sc., (M.P.CS.)

NAME OF THE LECTURER: A Bala Bhavani, M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	2 ND WEEK	4 + 2	FUNDAMENTALS OF OBJECT – ORIENTED PROGRAMMING : Introduction, Object Oriented paradigm.	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class Practical	1 3 2			
2	3 RD WEEK	3 + 2	Basic Concepts of OOP, Benefits of OOP, Applications of OOP	Computer System with LCD Projector / Black Board	Teaching Class	3 2			
3	4 TH WEEK	4 + 2	Java features: OVERVIEW OF JAVA LANGUAGE: Introduction, Simple Java program structure.	Computer System with LCD Projector / Black Board	Teaching Class	4 2			
4	5 TH WEEK	4 + 2	Java tokens, Java Statements, Implementing a Java Program, Java Virtual Machine, Command line arguments.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
MONTH: JULY					2017-18				
5	1 ST WEEK	4 + 2	CONSTANTS, VARIABLES & DATA TYPES: Introduction, Constants, Variables, Data Types, Declaration of Variables, Giving Value to Variables, Scope of variables, Symbolic Constants, Type casting, Getting Value of Variables, Standard Default values.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			

6	2 ND WEEK	4 + 2	OPERATORS & EXPRESSIONS, DECISION MAKING & BRANCHING: Introduction, Decision making with if statement, Simple if statement, if. Else statement, Nesting of if. else statements, the else if ladder	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
7	3 RD WEEK	4 + 2	The switch statement, the conditional operator. LOOPING: Introduction, The While statement, the do-while statement, the for statement, Jumps in loops.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
8	4 TH WEEK	4 + 2	Creating objects, Accessing class members, Constructors, Method overloading, Static members, Nesting of methods.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
MONTH: AUGUST							2017-18			
9	1 ST WEEK	2 + 2	INHERITANCE: Extending a class, Overloading methods. <i>E.H.D. 100</i>	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
10	2 ND WEEK	4 + 2	Final variables and methods, Final classes, Abstract methods and classes.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
11	3 RD WEEK	3 + 2	ARRAYS, STRINGS AND VECTORS: Arrays, One-dimensional arrays, Creating an array, Two - dimensional arrays, Strings, Vectors and wrapper classes	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2				
12	4 TH WEEK	3 + 2	INTERFACES: MULTIPLE INHERITANCE: Introduction, Defining interfaces, Extending interfaces, Implementing interfaces, Accessing interface variables.	Computer System with LCD Projector / Black Board	Teaching Class Unit Test - 2 Practical	3 2				
13	5 th 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.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
MONTH: SEPTEMBER							2017-18			
14	1 ST WEEK	1 + 0	II Mid Exams Thread Priority.	Computer System with LCD Projector / Black Board	Teaching Class Practical	1 0				

15	2 ND WEEK	4 + 2	Synchronization, Implementing the 'Runnable Interface'. MANAGING ERRORS AND EXCEPTIONS: Types of errors : Compile-time errors, Run-time errors. Exceptions, Exception handling.	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2	Book Reviews	1	
16	3 RD WEEK	4 + 2	Multiple catch statements, Using finally statement. APPLET PROGRAMMING: local and remote applets, Applets and Applications, Building Applet code, Applet Life cycle: Initialization state, Running state, Idle or stopped state, Dead state, Display state.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
17	4 th WEEK	0	DASARA HOLIDAYS						
MONTH: OCTOBER								2017-18	
18	1 ST WEEK	3 + 2	PACKAGES: Introduction, Java API Packages, Using system packages, Naming conversions, Creating Packages, Accessing a Package, using a Package.	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2	Book Reviews	1	
19	2 ND WEEK	4 + 2	MANAGING INPUT/OUTPUT FILES IN JAVA: Introduction, Concept of Streams, Stream classes, Byte Stream Classes, Input Stream Classes, Output Stream Classes, Character Stream classes: Reader stream classes, Writer Stream classes, Using Streams, Reading and writing files.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
20	3 RD WEEK		PRACTICAL EXAMINATIONS - 2017						
21	4 th WEEK		SEMESTER END EXAMINATIONS-2017						
MONTH: NOVEMBER								2017-18	
22	1 ST WEEK		SEMESTER END EXAMINATIONS-2017						


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER IV: DATA STRUCTURES(Code: 1642404)

CLASS: II B.Sc., (M.P.CS.)

NAME OF THE LECTURER: MVV Chowdary , M.C.A.,M.Tech.,M.B.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER					2017-18				
1	3 RD WEEK	4 + 2	Concept of Abstract Data Types (ADTs)- Data Types, Data Structures, Storage Structures, and File Structures.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
2	4 TH WEEK	4 + 2	Primitive and Non-primitive Data Structures, Linear and Non-linear Data Structures. Linear Lists – ADT, Array and Linked representations, Pointers.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
3	5 th WEEK	3 + 2	Arrays – ADT, Mappings, Representations, Sparse Matrices, Sets – ADT, Operations	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2			
MONTH: DECEMBER					2017-18				
4	1 ST WEEK	4 + 2	Linked Lists: Single Linked List, Double Linked List, Circular Linked List , applications	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
5	2 ND WEEK	4 + 2	Stacks: Definition, ADT, Array and Linked representations, Implementations, Applications of stacks.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
6	3 RD WEEK	1 + 0	I Mid Exams Queues: Definition, ADT,	Computer System with LCD Projector / Black Board	Teaching Class Practical	1 0			

7	4 TH WEEK	3 + 2	Array and Linked representations, Circular Queues, Dequeues,	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
MONTH: JANUARY							2017-18			
8	1 ST WEEK	4 + 2	Priority Queues, Implementations and Applications.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
9	2 ND WEEK	2 + 2	Trees: Binary Tree, Definition, Properties.	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
10	3 RD WEEK	0+0	PONGAL HOLIDAYS							
11	4 TH WEEK	4 + 2	Binary Search Trees (BST) – Definition, ADT.	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2	Group Discussion	1		
12	5 th WEEK	2 + 0	Operations and Implementations, BST Applications.	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 0				
MONTH: FEBRUARY							2017-18			
13	1 ST WEEK	2 + 2	Threaded Binary Trees, Heap trees.	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
14	2 ND WEEK	1 + 0	II Mid Exams Graphs – Graph and its Representation.	Computer System with LCD Projector / Black Board	Teaching Class Practical	1 0				
15	3 RD WEEK	4 + 2	Graph Traversals, Connected Components,	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
16	4 th WEEK	4 + 2	Basic Searching Techniques. Minimal Spanning Trees.	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2	Group Discussion	1		

17	5 th WEEK	2 + 2	Sorting and Searching: Selection, Insertion,	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
MONTH: MARCH							2017-18			
18	1 ST WEEK	1 + 0	Bubble Sort,	Computer System with LCD Projector / Black Board	Teaching Class Practical	1 0				
19	2 ND WEEK	4 + 2	Merge Sort, Quick Sort	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
20	3 RD WEEK	4 + 2	Heap sort, Sequential and Binary Searching.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2018							
MONTH: APRIL										
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018							
23	2 ND WEEK		PRACTICAL EXAMINATIONS - 2018							


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER IV: DATA STRUCTURES(Code: 1642404)

CLASS: II B.Sc., (M.P.CS.)

NAME OF THE LECTURER: A Bala Bhavani , M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER					2017-18				
1	3 RD WEEK	4 + 2	Concept of Abstract Data Types (ADTs)- Data Types, Data Structures, Storage Structures, and File Structures.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
2	4 TH WEEK	4 + 2	Primitive and Non-primitive Data Structures, Linear and Non-linear Data Structures. Linear Lists – ADT, Array and Linked representations, Pointers.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
3	5 TH WEEK	3 + 2	Arrays – ADT, Mappings, Representations, Sparse Matrices, Sets – ADT, Operations	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2			
MONTH: DECEMBER					2017-18				
4	1 ST WEEK	4 + 2	Linked Lists: Single Linked List, Double Linked List, Circular Linked List , applications	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
5	2 ND WEEK	4 + 2	Stacks: Definition, ADT, Array and Linked representations, Implementations, Applications of stacks.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2			
6	3 RD WEEK	1 + 0	I Mid Exams Queues: Definition, ADT,	Computer System with LCD Projector / Black Board	Teaching Class Practical	1 0			

7	4 TH WEEK	3 + 2	Array and Linked representations, Circular Queues, Dequeues,	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
MONTH: JANUARY							2017-18			
8	1 ST WEEK	4 + 2	Priority Queues, Implementations and Applications.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
9	2 ND WEEK	2 + 2	Trees: Binary Tree, Definition, Properties.	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
10	3 RD WEEK	0+0	PONGAL HOLIDAYS							
11	4 TH WEEK	4 + 2	Binary Search Trees (BST) – Definition, ADT.	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2	Group Discussion	1		
12	5 th WEEK	2 + 0	Operations and Implementations, BST Applications.	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 0				
MONTH: FEBRUARY							2017-18			
13	1 ST WEEK	2 + 2	Threaded Binary Trees, Heap trees.	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
14	2 ND WEEK	1 + 0	II Mid Exams Graphs – Graph and its Representation.	Computer System with LCD Projector / Black Board	Teaching Class Practical	1 0				
15	3 RD WEEK	4 + 2	Graph Traversals, Connected Components,	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
16	4 th WEEK	4 + 2	Basic Searching Techniques. Minimal Spanning Trees.	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2	Group Discussion	1		

17	5 th WEEK	2 + 2	Sorting and Searching: Selection, Insertion,	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
MONTH: MARCH							2017-18			
18	1 ST WEEK	1 + 0	Bubble Sort,	Computer System with LCD Projector / Black Board	Teaching Class Practical	1 0				
19	2 ND WEEK	4 + 2	Merge Sort, Quick Sort	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
20	3 RD WEEK	4 + 2	Heap sort, Sequential and Binary Searching.	Computer System with LCD Projector / Black Board	Teaching Class Practical	4 2				
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2018							
MONTH: APRIL										
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018							
23	2 ND WEEK		PRACTICAL EXAMINATIONS - 2018							

A. T. Sale Bhaveani
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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER V: DataBase Management System(Code: 1652405)

CLASS: III B.Sc., (M.P.CS.)

Name of the Lecturer : M.V.V.Chowdary , M.C.A,M.Tech.,M.B.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	2 ND WEEK	3+2	Overview of Database Management System: Introduction, file-based system, Drawbacks of file-Based System ,Data and information, Database, Database Management System, Objectives of DBMS,	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class Practical	1 2 2			
2	3 RD WEEK	3+2	Evaluation of Database Management System, Classification of Database Management System, DBMS Approach, advantages of DBMS,	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2			
3	4 TH WEEK	3+2	Anis/spark Data Model, data models, Components and Interfaces of Database Management System.	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2			
4	5 th WEEK	2+2	Database Architecture, Situations where DBMS is not Necessary, DBMS		Teaching Class Practical	2 2			
MONTH: JULY					2017-18				
5	1 ST WEEK	3+2	Entity-Relationship Model: Introduction, the building blocks of an entity relationship diagram, classification of entity sets, attribute classification, relationship degree,	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2	Guest Lecture	1	

6	2 ND WEEK	3+2	relationship classification, reducing ER diagram to tables, enhanced entity-relationship model (EER model), generalization and specialization,	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2				
7	3 RD WEEK	3+2	IS A relationship and attribute inheritance, multiple	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2				
8	4 TH WEEK	3+2	Relational Model: Introduction, CODD Rules, relational data model, concept of key, relational integrity, relational algebra, relational algebra operations,	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2				
MONTH: AUGUST							2017-18			
9	1 ST WEEK	1+0	I Mid Exams advantages of relational algebra, limitations of relational algebra, relational calculus,	Computer System with LCD Projector / Black Board	Teaching Class Practical	1 0				
10	2 ND WEEK	3+2	tuple relational calculus, Domain Relational Calcul	Computer System with LCD Projector	Teaching Class Practical	3 2				
11	3 RD WEEK	1+0	Structured Query Language: Introduction, History of SQL Standard, Commands in SQL, Data Types in SQL,	Computer System with LCD Projector	Teaching Class Practical	1 0				
12	4 TH WEEK	3+2	Data Definition Language, Selection Operation, Projection Operation, Aggregate functions,	Computer System with LCD Projector	Teaching Class Practical	3 2				
13	5 TH WEEK	2+2	Data Manipulation Language, Table Modification Commands, Table Truncation,	Computer System with LCD Projector	Teaching Class Practical	2 2				
MONTH: SEPTEMBER							2017-18			
14	1 ST WEEK	1+0	II Mid Exams of Constraints, Imposition	Computer System with LCD Projector	Teaching Class Practical	1 0				
15	2 ND WEEK	3+2	Join Operation, Set Operation, View, Sub Query, Embedded SQL	Computer System with LCD Projector	Teaching Class Practical	2 2	Guest Lecture	1		

16	3 RD WEEK	3+2	PL/SQL: Introduction, Shortcoming in SQL, Structure of PL/SQL, PL/SQL Language Elements, Data Types, Operators Precedence,	Computer System with LCD Projector	Teaching Class Practical	3 2				
17	4 th WEEK	0	Dasara Holidays							
MONTH: OCTOBER							2017-18			
18	1 ST WEEK	2+2	Control Structure, Steps to Create a PL/SQL, Program, Iterative Control, Cursors, Steps to create a Cursors,	Computer System with LCD Projector	Teaching Class Practical	2 2				
19	2 ND WEEK	2+2	Procedure, Function, Packages, Exceptions Handling, Database Triggers, Types of Triggers.	Computer System with LCD Projector	Teaching Class Practical	2 2				
20	3 RD WEEK		PRACTICAL EXAMINATIONS - 2017							
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2017							
MONTH: NOVEMBER							2017-18			
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017							


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER V: Software Engineering(Code: 1652406)

CLASS: III B.Sc., (M.P.CS.)

Name of the Lecturer : M.Phani Kumar, M.C.A.


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	2 ND WEEK	3+2	Introduction to Software Engineering, Software Engineering project Management	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class Practical	1 2 2			
2	3 RD WEEK	3+2	Process paradigms, Project Metrics, Software Estimation	Computer System with LCD Projector /	Teaching Class Practical	3 2			
3	4 TH WEEK	3+2	Emperical Estimation models Planning and Risk Analysis, project scheduling	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2			
4	5 th WEEK	2+2	Requirement Engineering Processes – Feasibility Study – Problem of Requirements	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2			
MONTH: JULY					2017-18				
5	1 ST WEEK	3+2	Software Requirement Analysis – Analysis Concepts and Principles	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2	Guest Lecture	1	
6	2 ND WEEK	3+2	Analysis Process – Analysis Model, Software design	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2			

7	3 RD WEEK	3+2	Software Architecture - Effective modular design - Cohesion and Coupling	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2				
8	4 TH WEEK	3+2	Architectural design and Procedural design ,Data flow oriented design explain with Examples	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2				
MONTH: AUGUST							2017-18			
9	1 ST WEEK	1+0	I Mid Exams interface design - Human factors	User Computer System with LCD Projector / Black Board	Teaching Class Practical	1 0				
10	2 ND WEEK	3+2	Human computer interaction - Human - Computer Interface design ,Interface design standrads	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2				
11	3 RD WEEK	1+0	Software Quality Assurance	Computer System with LCD Projector / Black Board	Teaching Class Practical	1 0				
12	4 TH WEEK	3+2	Quality metrics - Software ReliabilitySoftware testing - Path testing	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2				
13	5 TH WEEK	2+2	Control Structures testing - Black Box testing	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2				
MONTH: SEPTEMBER							2017-18			
14	1 ST WEEK	1+0	II Mid Exams Validation and system testing	Integration, Computer System with LCD Projector / Black Board	Teaching Class Practical	1 0				
15	2 ND WEEK	3+2	Reverse Engineering and Reengineering	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2	Guest Lecture	1		
16	3 RD WEEK	3+2	CASE tools- project management tools	Computer System with LCD Projector / Black Board	Teaching Class Practical	3 2				

17	4 th WEEK	0	Dasara Holidays						
MONTH: OCTOBER								2017-18	
18	1 ST WEEK	2+2	Analysis tools and design tools,programming tools,	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2			
19	2 ND WEEK	2+2	Integraton and testing tools ,case studcies	Computer System with LCD Projector / Black Board	Teaching Class Practical	2 2			
20	3 RD WEEK		PRACTICAL EXAMINATIONS - 2017						
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2017						
MONTH: NOVEMBER								2017-18	
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017						


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER: ICT-2 Internet Fundamentals and Web Tools(code:1630205)

CLASS: IIB.Sc, IIB.A, IIB.Com.

NAME OF THE LECTURER: PN Malleswari, M.C.A., GS Vineela, M.Tech., S Ratna Kumari, M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE									YEAR: 2017-18
1	2 ND WEEK	2	Orientation Programme	Black Board	Teaching Class	2			
2	3 RD WEEK	2	Fundamental of Internet:Networking Concepts,Data Communication,Types of Networking	Computer System with LCD Projector / Black Board	Teaching Class	2			
3	4 TH WEEK	2	Intetnet Addressing and Internet Services	Computer System with LCD Projector / Black Board	Teaching Class	2			
MONTH: JULY									YEAR: 2017-18
4	1 ST WEEK	2	Computer viruses and Types of Browsers	Computer System with LCD Projector / Black Board	Teaching Class	2			
5	2 ND WEEK	2	Internet Applications:Using Internet Explorer,Standard Internet Explorer Buttons,Entering website address	Computer System with LCD Projector / Black Board	Teaching Class	2			

6	3 RD WEEK	2	Introduction to Social Networking: Twitter,Tumblr,LinkedIn,Facebook,Flickr,Skype,Yelo, Vimeo,yahoo,Youtube,WhatsApp etc.,	Computer System with LCD Projector / Black Board	Teaching Class	2			
7	4 TH WEEK	2	Facebook and Whas App Features, Twitter LinkedIn,Skype Features	Computer System with LCD Projector / Black Board	Teaching Class	2			
8	5 th WEEK	2	E-Mail: Definition of E-Mail, Advantages and Disadvantages,User ID,passwords	Computer System with LCD Projector / Black Board	Teaching Class	2			
MONTH: AUGUST									YEAR: 2017-18
9	1 ST WEEK	2	I Mid Examinations Domain Names,Mailers,Message Components Message Composition	Computer System with LCD Projector / Black Board		2			
10	2 ND WEEK	2	Mail Management,E-Mail Inner Working.	Computer System with LCD Projector / Black Board	Teaching Class	2			
11	3 RD WEEK	2	WWW: Web Applications,Web Termonologies	Computer System with LCD Projector / Black Board	Teaching Class	2			
12	4 TH WEEK	2	Web Browsers,URL-Components	Computer System with LCD Projector / Black Board	Teaching Class	2			
MONTH: SEPTEMBER									YEAR: 2017-18
13	1 ST WEEK	1	II Mid Examirations WWW, Search Engine and Examples	Searching Computer System with LCD Projector / Black Board	Teaching Class	1			
14	2 ND WEEK	2	Basic HTML:Basic HTML, Web Terminology,Structure of HTML	Computer System with LCD Projector / Black Board	Teaching Class	2			

15	3 RD WEEK	2	HTML Document, Heading Body ,font,Image and Anchor Tags and some other tags in html.	Computer System with LCD Projector / Black Board	Teaching Class	2			
16	4 th WEEK	0	DASARA HOLIDAYS						
MONTH: OCTOBER								YEAR: 2017-18	
17	1 ST WEEK	1	Different Types of Lists using tags and Example program	Computer System with LCD Projector / Black Board	Teaching Class	1			
18	2 ND WEEK	2	CreateTable using HTML Code and Example Program, Create Image using HTML code and Example Program	Computer System with LCD Projector / Black Board	Teaching Class	2			
19	3 RD WEEK	2	REVISION	Computer System with LCD Projector / Black Board	Teaching Class	2			
20	4 th WEEK		SEMESTER END EXAMINATIONS - 2017						
MONTH: NOVEMBER								YEAR: 2017-18	
21	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017						

1 P. nagamalleswari

2 K.S. Vinode

3 G.S.R. Kumari

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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT:COMPUTER SCIENCE

PAPER: ICT-1 COMPUTER FUNDAMENTALS AND OFFICE TOOLS (Code:1620203)

CLASS: I B.Sc., 1B.A., 1B.Com.

NAME OF THE LECTURER: PN Malleswari, M.C.A., GS Vineela, M.Tech., Ratna Kumari, M.C.A.


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE		ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER							YEAR: 2017-18		
1	3 RD WEEK	2	Basics of Computers: Definition of computer, Characteristics and Applications of computer	Computer System with LCD Projector / Black Board	Teaching Class	2			
2	4 TH WEEK	2	Block Diagram of a Digital computer, Classifications of Computer based on size and working	Computer System with LCD Projector / Black Board	Teaching Class	2			
3	5 th WEEK	2	Central processing unit and I/o Devices	Computer System with LCD Projector / Black Board	Teaching Class	2			
MONTH: DECEMBER							YEAR: 2017-18		
4	1 ST WEEK	2	Primary, Auxilary and Cache Memory, Memory Devices	Computer System with LCD Projector / Black Board	Teaching Class	2			
5	2 ND WEEK	2	Software, Hardware, Firmware and Peopleware - Definition and Types of Operating System	Computer System with LCD Projector / Black Board	Teaching Class	2			


6	3 RD WEEK	0	I Mid Exams							
7	4 TH WEEK	2	Functions of Operating System MS-DOS- MS Windows	Computer System with LCD Projector / Black Board	Teaching Class	2				
MONTH: JANUARY							YEAR: 2017-18			
8	1 ST WEEK	2	Desktop,Computer,Documents,pictures,Music, Videos,Recycle Bin Task Bar,-Control Panel	Computer System with LCD Projector / Black Board	Teaching Class	2				
9	2 ND WEEK	1	Revision	Computer System with LCD Projector / Black Board	Teaching Class	1				
10	3 RD WEEK	0	Pongal Holidays							
11	4 TH WEEK	2	MS-WORD: Features of MS-Word,MS-Word window components, Creating, Editing Formating and printing of Documents	Computer System with LCD Projector / Black Board	Teaching Class	2				
12	5 th WEEK	1	Headers and Footers-Insert/Draw Tables	Computer System with LCD Projector / Black Board	Teaching Class	1				
MONTH: FEBRUARY							YEAR: 2017-18			
13	1 ST WEEK	2	Shading,inserting sumbols and shapesWord Art, Page Numbers,Equations-Spelling and Grammar-Thesaurus	Computer System with LCD Projector / Black Board	Teaching Class	2				
14	2 ND WEEK	2	II Mid Exams MS-PowerPoint: Features of PowerPoint,Creating a Blank Presentation-Creating Presentation using a Template	Computer System with LCD Projector / Black Board	Teaching Class	2				
15	3 RD WEEK	2	Inserting and Deletng Slides in a Presentation Adding ClipArt/Pictures, Inserting Other Objects, Audio, Video.	Computer System with LCD Projector / Black Board	Teaching Class	2				

16	4 th WEEK	2	Resizing and Scaling of an Object Slide Transition-Custom Animation	Computer System with LCD Projector / Black Board	Teaching Class	2			
MONTH: MARCH							YEAR: 2017-18		
17	1 ST WEEK	2	MS-Excel: Overview of Excel Features-Creating a new worksheet, Selecting cells,	Computer System with LCD Projector / Black Board	Teaching Class	2			
18	2 ND WEEK	2	Entering and editing Text, Numbers,Formulae,Referencing Cells,Inserting Rowa/Columns-	Computer System with LCD Projector / Black Board	Teaching Class	2			
19	3 RD WEEK	2	Changing column width and row heightsAuto Format,changing font sizws,colors,shading,Functions, charts	Computer System with LCD Projector / Black Board	Teaching Class	2			
20	4 th WEEK		SEMESTER END EXAMINATIONS - 2018						
MONTH: APRIL							YEAR: 2017-18		
21	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018						

1 P. Naga Malleswari
2 K.S. Vineela
3 G.S.R. Kumari
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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER V: Web Technologies

CLASS: III B.Com(Vocational)

Name of the Lecturer : M.Phani Kumar,M.C.A

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	1 ST WEEK	5	Introduction: HTML, XML, and WWW, Topologies, Bus, Star, Ring, Hybrid, Tree	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class	1 4			
2	2 ND WEEK	5	Lan, Wan, Man, HTML: Basic HTML, Document body, Text, Hyper links	Computer System with LCD Projector / Black Board	Teaching Class	5			
3	3 RD WEEK	5	Structure of HTML document, the Basic webpage with examples	Computer System with LCD Projector / Black Board	Teaching Class	5			
4	4 TH WEEK	4	Adding more formatting, Lists and ordered lists, Nested Lists	Computer System with LCD Projector / Black Board	Teaching Class	4			
MONTH: JULY					2017-18				
5	1 ST WEEK	5	Tables A table of data worked example , advances table elements	Computer System with LCD Projector / Black Board	Teaching Class	5			
6	2 ND WEEK	5	using colors and images , Images a worked example Multimedia objects	Computer System with LCD Projector / Black Board	Teaching Class	5			

7	3 RD WEEK	5	Frames , The HTML document Head in Detail forms toward interactivity.	Computer System with LCD Projector / Black Board	Teaching Class	5				
8	4 TH WEEK	4	Introduction to Cascading style sheets using Styles, simple examples, your own styles	Computer System with LCD Projector / Black Board	Teaching Class	4				
MONTH: AUGUST							2017-18			
9	1 ST WEEK	2	I Mid Exams style sheet a worked example	Computer System with LCD Projector / Black Board	Teaching Class	1	Study Projects	1		
10	2 ND WEEK	4	Properties and values in styles style sheet, formatting blocks of information	Computer System with LCD Projector / Black Board	Teaching Class	4				
11	3 RD WEEK	3	statements and arrays	Computer System with LCD Projector / Black Board	Teaching Class	3				
12	4 TH WEEK	4	Opeators,FunctionsData objects in java script,	Computer System with LCD Projector / Black Board	Teaching Class	4				
13	5 th WEEK	4	Regular Expressions,Exception handling,An exceptional example	Computer System with LCD Projector / Black Board	Teaching Class	4				
MONTH: SEPTEMBER							2017-18			
14	1 ST WEEK	1	II Mid Exams BuiltIn objects	Computer System with LCD Projector / Black Board	Teaching Class	1				
15	2 ND WEEK	5	Events ,java script Events nad eventhandlers,opening a new window, messages and confirmations	Computer System with LCD Projector / Black Board	Teaching Class	4	Study Projects	1		
16	3 RD WEEK	5	status barWriting to different name , The frame sheet,the upper frame,javascript code for frames	Computer System with LCD Projector / Black Board	Teaching Class	5				

17	4 th WEEK	0	Dasara Holidays						
MONTH: OCTOBER				2017-18					
18	1 ST WEEK	4	Rollover buttons, Moving Images	Computer System with LCD Projector / Black Board	Teaching Class	4			
19	2 ND WEEK	4	Multiple images in a single download, the style sheet, the html page, the javascript	Computer System with LCD Projector / Black Board	Teaching Class	4			
20	3 RD WEEK	5	A text only menu system-- the html page, the javascript, the html, the javascript	Computer System with LCD Projector / Black Board	Teaching Class	5			
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2017						
MONTH: NOVEMBER				2017-18					
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017						


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER : Database Management Systems

CLASS: III B.Com(Vocational)

Name of the Lecturer : MVV Chowdary, M.C.A.,M.Tech.,M.B.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	1 ST WEEK	5	Overview of Database Management System: Introduction, Data and Information, Database, Database Management System	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class	1 4			
2	2 ND WEEK	5	Objectives of DBMS, Evolution of Database Management Systems	Computer System with LCD Projector / Black Board	Teaching Class	5			
3	3 RD WEEK	5	Classification of Database Management System	Computer System with LCD Projector / Black Board	Teaching Class	5			
4	4 TH WEEK	4	File-Based System, Drawbacks of File-Based System , DBMS Approach, Advantages of DBMS	Computer System with LCD Projector / Black Board	Teaching Class	4			
MONTH: JULY					2017-18				
5	1 ST WEEK	5	Data Models ,	Computer System with LCD Projector / Black Board	Teaching Class	5			
6	2 ND WEEK	5	Components of Database System, Database Architecture,	Computer System with LCD Projector / Black Board	Teaching Class	5			

7	3 RD WEEK	5	Entity–Relationship Model: Introduction, The Building Blocks of an Entity–Relationship, Classification of Entity Sets , Attribute Classification,	Computer System with LCD Projector / Black Board	Teaching Class	5				
8	4 TH WEEK	4	Relationship Degree, Relationship Classification, Generalization and Specialization, Aggregation and composition, CODD’S Rules,	Computer System with LCD Projector / Black Board	Teaching Class	4				
MONTH: AUGUST							2017-18			
9	1 ST WEEK	2	Revision Mid Exams	Computer System with LCD Projector / Black Board	Teaching Class	1	Study Projects	1		
10	2 ND WEEK	4	Relational Data Model , Concept of Relational Integrity	Computer System with LCD Projector / Black Board	Teaching Class	4				
11	3 RD WEEK	3	Structured Query Language: Introduction, History of SQL Standard, Commands in SQL, Data types in SQL, Data Definition Language (DDL)	Computer System with LCD Projector / Black Board	Teaching Class	3				
12	4 TH WEEK	4	Selection Operation, Projection Operation, Aggregate Functions	Computer System with LCD Projector / Black Board	Teaching Class	4				
13	5 th WEEK	4	Data Manipulation Language, Table Modification, Table Truncation	Computer System with LCD Projector / Black Board	Teaching Class	4				
MONTH: SEPTEMBER							2017-18			
14	1 ST WEEK	1	II Mid Exams	Computer System with LCD Projector / Black Board	Teaching Class	0	Study Projects	1		
15	2 ND WEEK	5	Imposition of Constraints, Set Operations.	Computer System with LCD Projector / Black Board	Teaching Class	5				

16	3 RD WEEK	5	PL/SQL: Introduction, Structure of PL/SQL, PL/SQL Language Elements	Computer System with LCD Projector / Black Board	Teaching Class	5				
17	4 th WEEK	0	Dasara Holidays							
MONTH: OCTOBER							2017-18			
18	1 ST WEEK	4	Data Types,Control Structure, Steps to Create a PL/SQL Program	Computer System with LCD Projector / Black Board	Teaching Class	4				
19	2 ND WEEK	4	Iterative Control ,Cursors , Steps to Create a Cursor , Procedure, Function.	Computer System with LCD Projector / Black Board	Teaching Class	4				
20	3 RD WEEK	5	Packages ,Exceptions Handling, Database Triggers, Types of Triggers	Computer System with LCD Projector / Black Board	Teaching Class	5				
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2017							
MONTH: NOVEMBER							2017-18			
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017							


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VSM COLLEGE(A) :: RAMACHANDRAPURAM

TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER : Programming in 'C'

CLASS: III B.Com(Vocational)

Name of the Lecturer : A.Bala Bhavani,M.C.A

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	1 ST WEEK	5	Introduction to Algorithms and Programming Languages: Algorithm – Key features of Algorithms – Some more Algorithms, Flow Charts.	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class	1 4			
2	2 ND WEEK	5	Introduction to C: Structure of C Program –Writing the first C Program – File used in C Program-Compiling and Executing C Programs –Using Comments – Keywords – Identifiers – Basic Data Types in C	Computer System with LCD Projector / Black Board	Teaching Class	5			
3	3 RD WEEK	5	Variables – Constants – I/O Statements in C - Operators in C- Programming Examples – Type Conversion and Type Casting.	Computer System with LCD Projector / Black Board	Teaching Class	5			
4	4 TH WEEK	4	Decision Control and Looping Statements: Introduction to Decision Control Statements – Conditional Branching Statements	Computer System with LCD Projector / Black Board	Teaching Class	4			
MONTH: JULY					2017-18				
5	1 ST WEEK	5	Iterative Statements – Nested Loops	Computer System with LCD Projector / Black Board	Teaching Class	5			

6	2 ND WEEK	5	Break and Continue Statement – Go to Statement. Functions: Introduction – using functions	Computer System with LCD Projector / Black Board	Teaching Class	5				
7	3 RD WEEK	5	Function declaration/ prototype – Function definition – function call – return statement .	Computer System with LCD Projector / Black Board	Teaching Class	5				
8	4 TH WEEK	4	Passing parameters – Scope of variables – Storage Classes	Computer System with LCD Projector / Black Board	Teaching Class	4				
MONTH: AUGUST							2017-18			
9	1 ST WEEK	2	I Mid Exams Recursive function	Computer System with LCD Projector / Black Board	Teaching Class	2				
10	2 ND WEEK	4	Arrays: Introduction – Declaration of Arrays – Accessing elements of the Array – Storing Values in Array – Calculating the length of the Array	Computer System with LCD Projector / Black Board	Teaching Class	3 1	study projects			
11	3 RD WEEK	3	Operations on Array – one dimensional array for inter-function communication – Two dimensional Arrays –Operations on Two Dimensional Arrays	Computer System with LCD Projector / Black Board	Teaching Class	3				
12	4 TH WEEK	4	Strings: Introduction String and Character functions	Computer System with LCD Projector / Black Board	Teaching Class	4				
13	5 th WEEK	4	Pointers: Understanding Computer Memory – Introduction to Pointers – declaring Pointer Variables	Computer System with LCD Projector / Black Board	Teaching Class	4				
MONTH: SEPTEMBER							2017-18			
14	1 ST WEEK	1	II Mid Exams Arguments to Functions using Pointer	Computer System with LCD Projector / Black Board	Teaching Class	1				

15	2 ND WEEK	5	Pointer and Arrays – Passing Array to Function, Structure.	Computer System with LCD Projector / Black Board	Teaching Class	4 1	study projects			
16	3 RD WEEK	5	Union, and Enumerated Data Types: Introduction – Nested Structures	Computer System with LCD Projector / Black Board	Teaching Class	5				
17	4 th WEEK	0	Dasara Holidays							
MONTH: OCTOBER							2017-18			
18	1 ST WEEK	4	Arrays of Structures – Structures and Functions	Computer System with LCD Projector / Black Board	Teaching Class	4				
19	2 ND WEEK	4	Unions – Enumerated Data Types.	Computer System with LCD Projector / Black Board	Teaching Class	4				
20	3 RD WEEK	5	REVISION	Computer System with LCD Projector / Black Board	Teaching Class	5				
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2017							
MONTH: NOVEMBER							2017-18			
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017							

A. Balu Bhoy

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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER : Office Automstion Tools

CLASS: II B.Com(Computer Applications)

Name of the Lecturer : S Ratna Kumari, M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	1 ST WEEK	5	MS-Excel: features of Ms-Excel, Parts of MS-Excel window, entering and editing data in worksheet, number formatting in excel	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class	1 4			
2	2 ND WEEK	5	Different cell references, how to enter and edit formula in excel, auto fill and custom fill, printing options.	Computer System with LCD Projector / Black Board	Teaching Class	5			
3	3 RD WEEK	5	Formatting options: Different formatting options, change row height, formulae and functions, excel names	Computer System with LCD Projector / Black Board	Teaching Class	5			
4	4 TH WEEK	4	Functions: Meaning and advantages of functions, different types of functions available in Excel, financial functions, date and time, engineering, statistical		Teaching Class	4			
MONTH: JULY					2017-18				
5	1 ST WEEK	5	Math and trig, logical, text, information, look up and reference functions, operators in excel, Database functions.	Computer System with LCD Projector / Black Board	Teaching Class	5			
6	2 ND WEEK	5	Charts: Different types of charts, Parts of chart, chart creation using wizard, chart operations, data maps	Computer System with LCD Projector / Black Board	Teaching Class	5			

7	3 RD WEEK	5	Graphs, data sorting, filtering. Excel sub totals, scenarios, what-if analysis Macro	Computer System with LCD Projector / Black Board	Teaching Class	5				
8	4 TH WEEK	4	Macro: Meaning and advantages of Macros, creation, editing and deletion of macros Creating a macro	Computer System with LCD Projector / Black Board	Teaching Class	5				
MONTH: AUGUST							2017-18			
9	1 ST WEEK	2	I Mid Exams run and how to delete a macro	Computer System with LCD Projector / Black Board	Teaching Class	2				
10	2 ND WEEK	4	MS Access: Creating a Simple Database and Tables: Features of Ms-Access, Creating a Database, Parts of Access	Computer System with LCD Projector	Teaching Class	4				
11	3 RD WEEK	3	Data Types and properties, adding, deleting fields, renaming the fields in a table	Computer System with LCD Projector	Teaching Class	3				
12	4 TH WEEK	4	Tables: table creation using design view, table wizard, data sheet view, import table, link table	Computer System with LCD Projector	Teaching Class	4				
13	5 th WEEK	4	Forms: The Form Wizard, design view, columnar, tabular, create forms	Computer System with LCD Projector	Teaching Class	4				
MONTH: SEPTEMBER							2017-18			
14	1 ST WEEK	1	II Mid Exams sheet, chart wizard	Computer System with LCD Projector	Teaching Class	1				
15	2 ND WEEK	5	Finding, Sorting and Displaying Data: Queries and Dynasts, Creating and using select queries, Returning to the Query Design	Computer System with LCD Projector	Teaching Class	5				
16	3 RD WEEK	5	Multilevel sorts, Finding incomplete matches, showing All records after a Query, saving queries Crosstab Queries	Computer System with LCD Projector	Teaching Class	5				

17	4 th WEEK	0	Dasara Holidays							
MONTH: OCTOBER							2017-18			
18	1 ST WEEK	4	Printing Reports: Simple table. Form and Database Printing, Defining advanced Reports	Computer System with LCD Projector	Teaching Class	4				
19	2 ND WEEK	4	Manual Reporting, Properties in Reports, Saving Reports. Relational Databases: Flat Versus Relational, Types of Relationships	Computer System with LCD Projector	Teaching Class	4				
20	3 RD WEEK	5	Viewing Relationships, Defining and Redefining Relationships, Creating and Deleting Relationships.	Computer System with LCD Projector	Teaching Class	5				
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2017							
MONTH: NOVEMBER							2017-18			
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017							

G. S. P. Kumar
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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER V: Web Technologies

CLASS: III B.Com(Vocational)

Name of the Lecturer : M.Phani Kumar,M.C.A

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	1 ST WEEK	5	Introduction: HTML, XML, and WWW.Topologies, Bus, Star, Ring, Hybrid, Tree	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class	1 4			
2	2 ND WEEK	5	Lan,Wan,Man. HTML: Basic HTML. Document body, Text, Hyper links	Computer System with LCD Projector / Black Board	Teaching Class	5			
3	3 RD WEEK	5	Strucure of HTML document,the Basic webpage with examples	Computer System with LCD Projector / Black Board	Teaching Class	5			
4	4 TH WEEK	4	Adding more formatting, Lists and ordered lists,Nested Lists	Computer System with LCD Projector / Black Board	Teaching Class	4			
MONTH: JULY					2017-18				
5	1 ST WEEK	5	Tables A table of data worked example ,advances table elements	Computer System with LCD Projector / Black Board	Teaching Class	5			
6	2 ND WEEK	5	using colors and images .Images a worked example Multimedia objects	Computer System with LCD Projector / Black Board	Teaching Class	5			

7	3 RD WEEK	5	Frames , The HTML document Head in Detail forms toward interactivity	Computer System with LCD Projector / Black Board	Teaching Class	5				
8	4 TH WEEK	4	Introduction to Cascading style sheets using Styles, simple examples, your own styles	Computer System with LCD Projector / Black Board	Teaching Class	4				
MONTH: AUGUST							2017-18			
9	1 ST WEEK	2	I Mid Exams style sheet a worked example	Computer System with LCD Projector / Black Board	Teaching Class	1	Study Projects	1		
10	2 ND WEEK	4	Properties and values in styles style sheet, formatting blocks of information	Computer System with LCD Projector / Black Board	Teaching Class	4				
11	3 RD WEEK	3	statements and arrays	Computer System with LCD Projector / Black Board	Teaching Class	3				
12	4 TH WEEK	4	Opeators,FunctionsData objects in java script,	Computer System with LCD Projector / Black Board	Teaching Class	4				
13	5 th WEEK	4	Regular Expressions,Exception handling,An exceptional example	Computer System with LCD Projector / Black Board	Teaching Class	4				
MONTH: SEPTEMBER							2017-18			
14	1 ST WEEK	1	II Mid Exams Built in objects	Computer System with LCD Projector / Black Board	Teaching Class	1				
15	2 ND WEEK	5	Events ,java scripnt Events nad eventhandlers,opening a new window, messages and confirmations	Computer System with LCD Projector / Black Board	Teaching Class	4	Study Projects	1		
16	3 RD WEEK	5	status barWriting to different name , The frame sheet,the upper frame,javascript code for frames	Computer System with LCD Projector / Black Board	Teaching Class	5				

17	4 th WEEK	0	Dasara Holidays							
MONTH: OCTOBER							2017-18			
18	1 ST WEEK	4	Rollover buttons, Moving Images	Computer System with LCD Projector / Black Board	Teaching Class	4				
19	2 ND WEEK	4	Multiple images in a single download, the style sheet, the html page, the javascript	Computer System with LCD Projector / Black Board	Teaching Class	4				
20	3 RD WEEK	5	A text only menu system-- the html page, the java script, the html, the javascript	Computer System with LCD Projector / Black Board	Teaching Class	5				
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2017							
MONTH: NOVEMBER							2017-18			
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017							


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER : Database Management Systems

CLASS: III B.Com(Vocational)

Name of the Lecturer : MVV Chowdary, M.C.A.,M.Tech.,M.B.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	1 ST WEEK	5	Overview of Database Management System: Introduction, Data and Information, Database, Database Management System	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class	1 4			
2	2 ND WEEK	5	Objectives of DBMS, Evolution of Database Management Systems	Computer System with LCD Projector / Black Board	Teaching Class	5			
3	3 RD WEEK	5	Classification of Database Management System	Computer System with LCD Projector / Black Board	Teaching Class	5			
4	4 TH WEEK	4	File-Based System, Drawbacks of File-Based System , DBMS Approach, Advantages of DBMS	Computer System with LCD Projector / Black Board	Teaching Class	4			
MONTH: JULY					2017-18				
5	1 ST WEEK	5	Data Models ,	Computer System with LCD Projector / Black Board	Teaching Class	5			
6	2 ND WEEK	5	Components of Database System, Database Architecture,	Computer System with LCD Projector / Black Board	Teaching Class	5			

7	3 RD WEEK	5	Entity–Relationship Model: Introduction, The Building Blocks of an Entity–Relationship, Classification of Entity Sets , Attribute Classification,	Computer System with LCD Projector / Black Board	Teaching Class	5				
8	4 TH WEEK	4	Relationship Degree, Relationship Classification, Generalization and Specialization, Aggregation and composition, CODD’S Rules,	Computer System with LCD Projector / Black Board	Teaching Class	4				
MONTH: AUGUST							2017-18			
9	1 ST WEEK	2	Revision Mid Exams	Computer System with LCD Projector / Black Board	Teaching Class	1	Study Projects	1		
10	2 ND WEEK	4	Relational Data Model , Concept of Relational Integrity	Computer System with LCD Projector / Black Board	Teaching Class	4				
11	3 RD WEEK	3	Structured Query Language: Introduction, History of SQL Standard, Commands in SQL, Data types in SQL, Data Definition Language (DDL)	Computer System with LCD Projector / Black Board	Teaching Class	3				
12	4 TH WEEK	4	Selection Operation, Projection Operation. Aggregate Functions	Computer System with LCD Projector / Black Board	Teaching Class	4				
13	5 th WEEK	4	Data Manipulation Language, Table Modification, Table Truncation	Computer System with LCD Projector / Black Board	Teaching Class	4				
MONTH: SEPTEMBER							2017-18			
14	1 ST WEEK	1	II Mid Exams	Computer System with LCD Projector / Black Board	Teaching Class	0	Study Projects	1		
15	2 ND WEEK	5	Imposition of Constraints, Set Operations.	Computer System with LCD Projector / Black Board	Teaching Class	5				

16	3 RD WEEK	5	PL/SQL: Introduction, Structure of PL/SQL, PL/SQL Language Elements	Computer System with LCD Projector / Black Board	Teaching Class	5				
17	4 th WEEK	0	Dasara Holidays							
MONTH: OCTOBER							2017-18			
18	1 ST WEEK	4	Data Types,Control Structure, Steps to Create a PL/SQL Program	Computer System with LCD Projector / Black Board	Teaching Class	4				
19	2 ND WEEK	4	Iterative Control ,Cursors , Steps to Create a Cursor , Procedure, Function.	Computer System with LCD Projector / Black Board	Teaching Class	4				
20	3 RD WEEK	5	Packages ,Exceptions Handling, Database Triggers, Types of Triggers	Computer System with LCD Projector / Black Board	Teaching Class	5				
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2017							
MONTH: NOVEMBER							2017-18			
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017							


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER : Programming in 'C'

CLASS: III B.Com(Vocational)

Name of the Lecturer : A.Bala Bhavani,M.C.A


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	1 ST WEEK	5	Introduction to Algorithms and Programming Languages: Algorithm – Key features of Algorithms – Some more Algorithms, Flow Charts.	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class	1 4			
2	2 ND WEEK	5	Introduction to C: Structure of C Program –Writing the first C Program – File used in C Program-Compiling and Executing C Programs –Using Comments – Keywords – Identifiers – Basic Data Types in C	Computer System with LCD Projector / Black Board	Teaching Class	5			
3	3 RD WEEK	5	Variables – Constants – I/O Statements in C - Operators in C- Programming Examples – Type Conversion and Type Casting.	Computer System with LCD Projector / Black Board	Teaching Class	5			
4	4 TH WEEK	4	Decision Control and Looping Statements: Introduction to Decision Control Statements – Conditional Branching Statements	Computer System with LCD Projector / Black Board	Teaching Class	4			
MONTH: JULY					2017-18				
5	1 ST WEEK	5	Iterative Statements – Nested Loops	Computer System with LCD Projector / Black Board	Teaching Class	5			

6	2 ND WEEK	5	Break and Continue Statement – Go to Statement. Functions: Introduction – using functions	Computer System with LCD Projector / Black Board	Teaching Class	5				
7	3 RD WEEK	5	Function declaration/ prototype – Function definition – function call – return statement .	Computer System with LCD Projector / Black Board	Teaching Class	5				
8	4 TH WEEK	4	Passing parameters – Scope of variables – Storage Classes	Computer System with LCD Projector / Black Board	Teaching Class	4				
MONTH: AUGUST							2017-18			
9	1 ST WEEK	2	I Mid Exams Recursive function	Computer System with LCD Projector / Black Board	Teaching Class	2				
10	2 ND WEEK	4	Arrays: Introduction – Declaration of Arrays – Accessing elements of the Array – Storing Values in Array – Calculating the length of the Array	Computer System with LCD Projector / Black Board	Teaching Class	3 1	study projects			
11	3 RD WEEK	3	Operations on Array – one dimensional array for inter-function communication – Two dimensional Arrays –Operations on Two Dimensional Arrays	Computer System with LCD Projector / Black Board	Teaching Class	3				
12	4 TH WEEK	4	Strings: Introduction String and Character functions	Computer System with LCD Projector / Black Board	Teaching Class	4				
13	5 th WEEK	4	Pointers: Understanding Computer Memory – Introduction to Pointers – declaring Pointer Variables	Computer System with LCD Projector / Black Board	Teaching Class	4				
MONTH: SEPTEMBER							2017-18			
14	1 ST WEEK	1	II Mid Exams Arguments to Functions using Pointer	Computer System with LCD Projector / Black Board	Teaching Class	1				

15	2 ND WEEK	5	Pointer and Arrays – Passing Array to Function. Structure.	Computer System with LCD Projector / Black Board	Teaching Class	4 1	study projects			
16	3 RD WEEK	5	Union, and Enumerated Data Types: Introduction – Nested Structures	Computer System with LCD Projector / Black Board	Teaching Class	5				
17	4 th WEEK	0	Dasara Holidays							
MONTH: OCTOBER							2017-18			
18	1 ST WEEK	4	Arrays of Structures – Structures and Functions	Computer System with LCD Projector / Black Board	Teaching Class	4				
19	2 ND WEEK	4	Unions – Enumerated Data Types.	Computer System with LCD Projector / Black Board	Teaching Class	4				
20	3 RD WEEK	5	REVISION	Computer System with LCD Projector / Black Board	Teaching Class	5				
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2017							
MONTH: NOVEMBER							2017-18			
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017							


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER : Office Automstion Tools

CLASS: II B.Com(Computer Applications)

Name of the Lecturer : S Ratna Kumari, M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	1 ST WEEK	5	MS-Excel: features of Ms-Excel, Parts of MS-Excel window, entering and editing data in worksheet, number formatting in excel	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class	1 4			
2	2 ND WEEK	5	Different cell references, how to enter and edit formula in excel, auto fill and custom fill, printing options.	Computer System with LCD Projector / Black Board	Teaching Class	5			
3	3 RD WEEK	5	Formatting options: Different formatting options, change row height, formulae and functions, excel names	Computer System with LCD Projector / Black Board	Teaching Class	5			
4	4 TH WEEK	4	Functions: Meaning and advantages of functions, different types of functions available in Excel, financial functions, date and time, engineering, statistical		Teaching Class	4			
MONTH: JULY					2017-18				
5	1 ST WEEK	5	Math and trig, logical, text, information, look up and reference functions, operators in excel, Database functions.	Computer System with LCD Projector / Black Board	Teaching Class	5			
6	2 ND WEEK	5	Charts: Different types of charts, Parts of chart, chart creation using wizard, chart operations, data maps	Computer System with LCD Projector / Black Board	Teaching Class	5			

7	3 RD WEEK	5	Graphs, data sorting, filtering. Excel sub totals, scenarios, what-if analysis Macro	Computer System with LCD Projector / Black Board	Teaching Class	5				
8	4 TH WEEK	4	Macro: Meaning and advantages of Macros, creation, editing and deletion of macros Creating a macro	Computer System with LCD Projector / Black Board	Teaching Class	5				
MONTH: AUGUST							2017-18			
9	1 ST WEEK	2	I Mid Exams run and how to delete a macro	Computer System with LCD Projector / Black Board	Teaching Class	2				
10	2 ND WEEK	4	MS Access: Creating a Simple Database and Tables: Features of Ms-Access, Creating a Database, Parts of Access	Computer System with LCD Projector	Teaching Class	4				
11	3 RD WEEK	3	Data Types and properties, adding, deleting fields, renaming the fields in a table	Computer System with LCD Projector	Teaching Class	3				
12	4 TH WEEK	4	Tables: table creation using design view, table wizard, data sheet view, import table, link table	Computer System with LCD Projector	Teaching Class	4				
13	5 TH WEEK	4	Forms: The Form Wizard, design view, columnar, tabular, create forms	Computer System with LCD Projector	Teaching Class	4				
MONTH: SEPTEMBER							2017-18			
14	1 ST WEEK	1	II Mid Exams sheet, chart wizard	Computer System with LCD Projector	Teaching Class	1				
15	2 ND WEEK	5	Finding, Sorting and Displaying Data: Queries and Dynasts, Creating and using select queries, Returning to the Query Design	Computer System with LCD Projector	Teaching Class	5				
16	3 RD WEEK	5	Multilevel sorts, Finding incomplete matches, showing All records after a Query, saving queries Crosstab Queries	Computer System with LCD Projector	Teaching Class	5				

17	4 th WEEK	0	Dasara Holidays							
MONTH: OCTOBER								2017-18		
18	1 ST WEEK	4	Printing Reports: Simple table. Form and Database Printing, Defining advanced Reports	Computer System with LCD Projector	Teaching Class	4				
19	2 ND WEEK	4	Manual Reporting, Properties in Reports, Saving Reports. Relational Databases: Flat Versus Relational, Types of Relationships	Computer System with LCD Projector	Teaching Class	4				
20	3 RD WEEK	5	Viewing Relationships, Defining and Redefining Relationships, Creating and Deleting Relationships.	Computer System with LCD Projector	Teaching Class	5				
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2017							
MONTH: NOVEMBER								2017-18		
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017							

G. S. R. Kumar
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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER V: Web Technologies

CLASS: III B.Com(Vocational)

Name of the Lecturer : M.Phani Kumar,M.C.A

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	1 ST WEEK	5	Introduction: HTML, XML, and WWW, Topologies, Bus, Star, Ring, Hybrid, Tree	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class	1 4			
2	2 ND WEEK	5	Lan, Wan, Man. HTML: Basic HTML, Document body, Text, Hyper links	Computer System with LCD Projector / Black Board	Teaching Class	5			
3	3 RD WEEK	5	Structure of HTML document, the Basic webpage with examples	Computer System with LCD Projector / Black Board	Teaching Class	5			
4	4 TH WEEK	4	Adding more formatting, Lists and ordered lists, Nested Lists	Computer System with LCD Projector / Black Board	Teaching Class	4			
MONTH: JULY					2017-18				
5	1 ST WEEK	5	Tables A table of data worked example, advanced table elements	Computer System with LCD Projector / Black Board	Teaching Class	5			
6	2 ND WEEK	5	using colors and images, images a worked example Multimedia objects	Computer System with LCD Projector / Black Board	Teaching Class	5			

7	3 RD WEEK	5	Frames , The HTML document Head in Detail forms toward interactivity	Computer System with LCD Projector / Black Board	Teaching Class	5				
8	4 TH WEEK	4	Introduction to Cascading style sheets using Styles, simple examples, your own styles	Computer System with LCD Projector / Black Board	Teaching Class	4				
MONTH: AUGUST							2017-18			
9	1 ST WEEK	2	I Mid Exams sheet a worked example style	Computer System with LCD Projector / Black Board	Teaching Class	1	Study Projects	1		
10	2 ND WEEK	4	Properties and values in styles style sheet, formatting blocks of information	Computer System with LCD Projector / Black Board	Teaching Class	4				
11	3 RD WEEK	3	statements and arrays	Computer System with LCD Projector / Black Board	Teaching Class	3				
12	4 TH WEEK	4	Opeators,FunctionsData objects in java script,	Computer System with LCD Projector / Black Board	Teaching Class	4				
13	5 th WEEK	4	Regular Expressions,Exception handling,An exceptional example	Computer System with LCD Projector / Black Board	Teaching Class	4				
MONTH: SEPTEMBER							2017-18			
14	1 ST WEEK	1	II Mid Exams objects Built in	Computer System with LCD Projector / Black Board	Teaching Class	1				
15	2 ND WEEK	5	Events java script Events nad eventhandlers,opening a new window, messages and confirmations	Computer System with LCD Projector / Black Board	Teaching Class	4	Study Projects	1		
16	3 RD WEEK	5	status barWriting to different name , The frame sheet,the upper frame,javascript code for frames	Computer System with LCD Projector / Black Board	Teaching Class	5				

17	4 th WEEK	0	Dasara Holidays							
MONTH: OCTOBER							2017-18			
18	1 ST WEEK	4	Rollover buttons, Moving Images	Computer System with LCD Projector / Black Board	Teaching Class	4				
19	2 ND WEEK	4	Multiple images in a single download, the style sheet, the html page, the javascript	Computer System with LCD Projector / Black Board	Teaching Class	4				
20	3 RD WEEK	5	A text only menu system-- the html page, the javascript, the html, the javascript	Computer System with LCD Projector / Black Board	Teaching Class	5				
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2017							
MONTH: NOVEMBER							2017-18			
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017							


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TABLE - A - CURRICULUM PLAN - LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER : Database Management Systems

CLASS: III B.Com(Vocational)

Name of the Lecturer : MVV Chowdary, M.C.A.,M.Tech.,M.B.A.


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
2017-18									
MONTH: JUNE									
1	1 ST WEEK	5	Overview of Database Management System: Introduction, Data and Information, Database, Database Management System	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class	1 4			
2	2 ND WEEK	5	Objectives of DBMS, Evolution of Database Management Systems	Computer System with LCD Projector / Black Board	Teaching Class	5			
3	3 RD WEEK	5	Classification of Database Management System	Computer System with LCD Projector / Black Board	Teaching Class	5			
4	4 TH WEEK	4	File-Based System, Drawbacks of File-Based System , DBMS Approach, Advantages of DBMS	Computer System with LCD Projector / Black Board	Teaching Class	4			
2017-18									
MONTH: JULY									
5	1 ST WEEK	5	Data Models ,	Computer System with LCD Projector / Black Board	Teaching Class	5			
6	2 ND WEEK	5	Components of Database System, Database Architecture,	Computer System with LCD Projector / Black Board	Teaching Class	5			

7	3 RD WEEK	5	Entity–Relationship Model: Introduction, The Building Blocks of an Entity–Relationship, Classification of Entity Sets , Attribute Classification,	Computer System with LCD Projector / Black Board	Teaching Class	5				
8	4 TH WEEK	4	Relationship Degree, Relationship Classification, Generalization and Specialization, Aggregation and composition, CODD’S Rules,	Computer System with LCD Projector / Black Board	Teaching Class	4				
MONTH: AUGUST							2017-18			
9	1 ST WEEK	2	Revision Mid Exams	Computer System with LCD Projector / Black Board	Teaching Class	1	Study Projects	1		
10	2 ND WEEK	4	Relational Data Model , Concept of Relational Integrity	Computer System with LCD Projector / Black Board	Teaching Class	4				
11	3 RD WEEK	3	Structured Query Language: Introduction, History of SQL Standard, Commands in SQL, Data types in SQL, Data Definition Language (DDL)	Computer System with LCD Projector / Black Board	Teaching Class	3				
12	4 TH WEEK	4	Selection Operation, Projection Operation. Aggregate Functions	Computer System with LCD Projector / Black Board	Teaching Class	4				
13	5 th WEEK	4	Data Manipulation Language, Table Modification, Table Truncation	Computer System with LCD Projector / Black Board	Teaching Class	4				
MONTH: SEPTEMBER							2017-18			
14	1 ST WEEK	1	II Mid Exams	Computer System with LCD Projector / Black Board	Teaching Class	0	Study Projects	1		
15	2 ND WEEK	5	Imposition of Constraints, Set Operations.	Computer System with LCD Projector / Black Board	Teaching Class	5				

16	3 RD WEEK	5	PL/SQL: Introduction, Structure of PL/SQL, PL/SQL Language Elements	Computer System with LCD Projector / Black Board	Teaching Class	5				
17	4 th WEEK	0	Dasara Holidays							
MONTH: OCTOBER							2017-18			
18	1 ST WEEK	4	Data Types,Control Structure, Steps to Create a PL/SQL Program	Computer System with LCD Projector / Black Board	Teaching Class	4				
19	2 ND WEEK	4	Iterative Control ,Cursors , Steps to Create a Cursor , Procedure, Function.	Computer System with LCD Projector / Black Board	Teaching Class	4				
20	3 RD WEEK	5	Packages ,Exceptions Handling, Database Triggers, Types of Triggers	Computer System with LCD Projector / Black Board	Teaching Class	5				
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2017							
MONTH: NOVEMBER							2017-18			
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017							


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER : Programming in 'C'

CLASS: III B.Com(Vocational)

Name of the Lecturer : A.Bala Bhavani,M.C.A

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	1 ST WEEK	5	Introduction to Algorithms and Programming Languages: Algorithm – Key features of Algorithms – Some more Algorithms, Flow Charts.	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class	1 4			
2	2 ND WEEK	5	Introduction to C: Structure of C Program –Writing the first C Program – File used in C Program-Compiling and Executing C Programs –Using Comments – Keywords – Identifiers – Basic Data Types in C	Computer System with LCD Projector / Black Board	Teaching Class	5			
3	3 RD WEEK	5	Variables – Constants – I/O Statements in C - Operators in C- Programming Examples – Type Conversion and Type Casting.	Computer System with LCD Projector / Black Board	Teaching Class	5			
4	4 TH WEEK	4	Decision Control and Looping Statements: Introduction to Decision Control Statements – Conditional Branching Statements	Computer System with LCD Projector / Black Board	Teaching Class	4			
MONTH: JULY					2017-18				
5	1 ST WEEK	5	Iterative Statements – Nested Loops	Computer System with LCD Projector / Black Board	Teaching Class	5			

6	2 ND WEEK	5	Break and Continue Statement – Go to Statement. Functions: Introduction – using functions	Computer System with LCD Projector / Black Board	Teaching Class	5				
7	3 RD WEEK	5	Function declaration/ prototype – Function definition – function call – return statement .	Computer System with LCD Projector / Black Board	Teaching Class	5				
8	4 TH WEEK	4	Passing parameters – Scope of variables – Storage Classes	Computer System with LCD Projector / Black Board	Teaching Class	4				
MONTH: AUGUST							2017-18			
9	1 ST WEEK	2	I Mid Exams Recursive function	Computer System with LCD Projector / Black Board	Teaching Class	2				
10	2 ND WEEK	4	Arrays: Introduction – Declaration of Arrays – Accessing elements of the Array – Storing Values in Array – Calculating the length of the Array	Computer System with LCD Projector / Black Board	Teaching Class	3 1	study projects			
11	3 RD WEEK	3	Operations on Array – one dimensional array for inter-function communication – Two dimensional Arrays –Operations on Two Dimensional Arrays	Computer System with LCD Projector / Black Board	Teaching Class	3				
12	4 TH WEEK	4	Strings: Introduction String and Character functions	Computer System with LCD Projector / Black Board	Teaching Class	4				
13	5 th WEEK	4	Pointers: Understanding Computer Memory – Introduction to Pointers – declaring Pointer Variables	Computer System with LCD Projector / Black Board	Teaching Class	4				
MONTH: SEPTEMBER							2017-18			
14	1 ST WEEK	1	II Mid Exams Arguments to Functions using Pointer	Computer System with LCD Projector / Black Board	Teaching Class	1				

15	2 ND WEEK	5	Pointer and Arrays – Passing Array to Function, Structure.	Computer System with LCD Projector / Black Board	Teaching Class	4 1	study projects			
16	3 RD WEEK	5	Union, and Enumerated Data Types: Introduction – Nested Structures	Computer System with LCD Projector / Black Board	Teaching Class	5				
17	4 th WEEK	0	Dasara Holidays							
MONTH: OCTOBER							2017-18			
18	1 ST WEEK	4	Arrays of Structures – Structures and Functions	Computer System with LCD Projector / Black Board	Teaching Class	4				
19	2 ND WEEK	4	Unions – Enumerated Data Types.	Computer System with LCD Projector / Black Board	Teaching Class	4				
20	3 RD WEEK	5	REVISION	Computer System with LCD Projector / Black Board	Teaching Class	5				
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2017							
MONTH: NOVEMBER							2017-18			
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017							

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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER : Office Automstion Tools

CLASS: II B.Com(Computer Applications)

Name of the Lecturer : S Ratna Kumari, M.C.A.


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	1 ST WEEK	5	MS-Excel: features of Ms-Excel, Parts of MS-Excel window, entering and editing data in worksheet, number formatting in excel	Computer System with LCD Projector / Black Board	Orientation Class Teaching Class	1 4			
2	2 ND WEEK	5	Different cell references, how to enter and edit formula in excel, auto fill and custom fill, printing options.	Computer System with LCD Projector / Black Board	Teaching Class	5			
3	3 RD WEEK	5	Formatting options: Different formatting options, change row height, formulae and functions, excel names	Computer System with LCD Projector / Black Board	Teaching Class	5			
4	4 TH WEEK	4	Functions: Meaning and advantages of functions, different types of functions available in Excel, financial functions, date and time, engineering, statistical		Teaching Class	4			
MONTH: JULY					2017-18				
5	1 ST WEEK	5	Math and trig, logical, text, information, look up and reference functions, operators in excel, Database functions.	Computer System with LCD Projector / Black Board	Teaching Class	5			
6	2 ND WEEK	5	Charts: Different types of charts, Parts of chart, chart creation using wizard, chart operations, data maps	Computer System with LCD Projector / Black Board	Teaching Class	5			

7	3 RD WEEK	5	Graphs, data sorting, filtering. Excel sub totals, scenarios, what-if analysis Macro	Computer System with LCD Projector / Black Board	Teaching Class	5				
8	4 TH WEEK	4	Macro: Meaning and advantages of Macros, creation, editing and deletion of macros Creating a macro	Computer System with LCD Projector / Black Board	Teaching Class	5				
MONTH: AUGUST							2017-18			
9	1 ST WEEK	2	I Mid Exams run and how to delete a macro	Computer System with LCD Projector / Black Board	Teaching Class	2				
10	2 ND WEEK	4	MS Access: Creating a Simple Database and Tables: Features of Ms-Access, Creating a Database, Parts of Access	Computer System with LCD Projector	Teaching Class	4				
11	3 RD WEEK	3	Data Types and properties, adding, deleting fields, renaming the fields in a table	Computer System with LCD Projector	Teaching Class	3				
12	4 TH WEEK	4	Tables: table creation using design view, table wizard, data sheet view, import table, link table	Computer System with LCD Projector	Teaching Class	4				
13	5 th WEEK	4	Forms: The Form Wizard, design view, columnar, tabular, create forms	Computer System with LCD Projector	Teaching Class	4				
MONTH: SEPTEMBER							2017-18			
14	1 ST WEEK	1	II Mid Exams sheet, chart wizard	Computer System with LCD Projector	Teaching Class	1				
15	2 ND WEEK	5	Finding, Sorting and Displaying Data: Queries and Dynasts, Creating and using select queries, Returning to the Query Design	Computer System with LCD Projector	Teaching Class	5				
16	3 RD WEEK	5	Multilevel sorts, Finding incomplete matches. showing All records after a Query, saving queries Crosstab Queries	Computer System with LCD Projector	Teaching Class	5				

17	4 th WEEK	0	Dasara Holidays							
MONTH: OCTOBER							2017-18			
18	1 ST WEEK	4	Printing Reports: Simple table. Form and Database Printing, Defining advanced Reports	Computer System with LCD Projector	Teaching Class	4				
19	2 ND WEEK	4	Manual Reporting, Properties in Reports, Saving Reports. Relational Databases: Flat Versus Relational, Types of Relationships	Computer System with LCD Projector	Teaching Class	4				
20	3 RD WEEK	5	Viewing Relationships, Defining and Redefining Relationships, Creating and Deleting Relationships.	Computer System with LCD Projector	Teaching Class	5				
21	4 th WEEK		SEMESTER END EXAMINATIONS - 2017							
MONTH: NOVEMBER							2017-18			
22	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017							

G. S. R. Kumari
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15/11/18

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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER I: COMPUTER FUNDAMENTALS AND PHOTOSHOP(Code: 1612401)

CLASS: I B.Sc., (M.P.CS.)

Name of the Lecturer : A.Tataji , M.C.A.

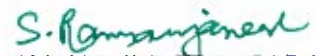
SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JULY					2016-17				
1	1 ST WEEK	5+2	Introduction to computers , characteristics and limitations of computer, Block diagram of a computer, types of computers, uses of computers,	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2			
2	2 ND WEEK	4+2	computer generations, Applications of computers.	Computer System with LCD Projector	Teaching Class Assignment Practical	3 1 2			
3	3 RD WEEK	5+2	Number systems : binary, octal, decimal, and hexa decimal number system, Conversions from one number system to another number system.	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2			
4	4 TH WEEK	5+2	Input devices : Keyboard and Mouse, inputting data in other ways.	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2			
5	5 TH WEEK	2 + 2	Output devices : Monitors, Printers and Plotters	Computer System with LCD Projector	Teaching Class Practical	2 2			
MONTH: AUGUST					2016-17				
6	1 ST WEEK	2+2	Revision I MID Exams	Computer System with LCD Projector	Teaching Class Practical	1 2	Seminar	1	
7	2 ND WEEK	5+2	Types of Software : System software, Application software, commercial, open source, domain and free ware software,Memories: primary, secondary and cache memory. Windows basics : desktop, start menu, icons.	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2			

8	3 RD WEEK	5+2	Introduction to Adobe Photoshop: Getting started with Photoshop, creating and saving a document in Photoshop, page layout and back ground	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2				
9	4 TH WEEK	4+2	Photoshop program window- title bar, menu bar, option bar, image window, image title bar,	Computer System with LCD Projector	Teaching Class Assignment Practical	3 1 2				
10	5 TH WEEK	2+0	status bar, ruler, pallets	Computer System with LCD Projector	Teaching Class Practical	2 0				
MONTH: SEPTEMBER							2016-17			
11	1 ST WEEK	3+2	tool box, screen modes, saving files, reverting files, closing files.	Computer System with LCD Projector	Teaching Class Assignment Practical	2 0 2	Seminar	1		
12	2 ND WEEK	4+2	Images: working with images, image size and resolution , image editing, colour modes and adjustments	Computer System with LCD Projector	Teaching Class Assignment Practical	3 1 2				
13	3 RD WEEK	2+0	Zooming & Panning an Image,Rulers, Guides & Grids-Cropping & Straightening an Image, image backgrounds , making selections. II MID Exams	Computer System with LCD Projector	Teaching Class Practical	2 0				
14	4 TH WEEK	5+2	Colour manipulations: colour modes- Levels – Curves - Seeing Colour accurately - Patch tool, Working with tool box: working with pen tool, save and load selection-working with erasers-working with text and brushes	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2				
15	5 TH WEEK	2+2	Cropping- Reading your palettes - Dust and scratches-Advanced Retouching- smoothing skin	Computer System with LCD Projector	Teaching Class Practical	2 2				
MONTH: OCTOBER							2016-17			
16	1 ST WEEK	3+2	Layers: Working with layers- layer styles- opacity-ac	Computer System with LCD Projector	Teaching Class Assignment Practical	3 0 2				
17	2 ND WEEK	1+0	Seminar Dasara Holidays	Computer System with LCD Projector	Teaching Class Practical	1 0	Seminar	1		

18	3 RD WEEK	5+2	Blur filter, brush store filter, distort filters, noise filters, pixelate filters, light effects, difference clouds, sharpen filters, printing.	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2				
19	4 th WEEK	5+2	REVISION	Computer System with LCD Projector	Teaching Class Practical	4 2	Seminar	1		
MONTH: NOVEMBER							2016-17			
20	1 ST WEEK		PRACTICAL EXAMINATIONS - 2016							
21	2 ND WEEK		SEMESTER END EXAMINATIONS - 2016							
22	3 rd WEEK		SEMESTER END EXAMINATIONS - 2016							


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER I: COMPUTER FUNDAMENTALS AND PHOTOSHOP(Code: 1612401)

CLASS: I B.Sc., (M.P.CS.)

Name of the Lecturer : A.Bala Bhavani , M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JULY					2016-17				
1	1 ST WEEK	5+2	Introduction to computers , characteristics and limitations of computer, Block diagram of a computer, types of computers, uses of computers,	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2			
2	2 ND WEEK	4+2	computer generations, Applications of computers.	Computer System with LCD Projector	Teaching Class Assignment Practical	3 1 2	Ward Counselling		
3	3 RD WEEK	5+2	Number systems : binary, octal, decimal, and hexa decimal number system, Conversions from one number system to another number system.	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2			
4	4 TH WEEK	5+2	Input devices: Keyboard and Mouse, inputting data in other ways.	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
5	5 TH WEEK	2 + 2	Output devices: Monitors, Printers and Plotters	Computer System with LCD Projector	Teaching Class Practical	2 2			
MONTH: AUGUST					2016-17				
6	1 ST WEEK	2+2	Revision I MID Exams	Computer System with LCD Projector	Teaching Class Practical	2 2			
7	2 ND WEEK	5+2	Types of Software: System software, Application software, commercial, open source, domain and free ware software, Memories: primary, secondary and cache memory. Windows basics: desktop, start menu, icons.	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
8	3 RD WEEK	5+2	Introduction to Adobe Photoshop: Getting started with Photoshop, creating and saving a document in Photoshop, page layout and back ground	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2			

9	4 TH WEEK	4+2	Photoshop program window- title bar, menu bar, option bar, image window, image title bar,	Computer System with LCD Projector	Teaching Class Assignment Practical	3 1 2	Ward Counselling			
10	5 TH WEEK	2+0	status bar, ruler, pallets	Computer System with LCD Projector	Teaching Class Practical	2 0				
MONTH: SEPTEMBER							2016-17			
11	1 ST WEEK	5+2	tool box, screen modes, saving files, reverting files, closing files.	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	seminar	1		
12	2 ND WEEK	4+2	Images: working with images, image size and resolution , image editing, colour modes and adjustments	Computer System with LCD Projector	Teaching Class Assignment Practical	3 1 2	Ward Counselling			
13	3 RD WEEK	2+0	Zooming & Panning an Image,Rulers, Guides & Grids- Cropping & Straightening an Image, image backgrounds , making selections. II MID Exams	Computer System with LCD Projector	Teaching Class Practical	2 0				
14	4 TH WEEK	5+2	Colour manipulations: colour modes- Levels – Curves - Seeing Colour accurately - Patch tool, Working with tool box: working with pen tool, save and load selection-working with erasers-working with text and brushes	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling			
15	5 TH WEEK	2+2	Cropping- Reading your palettes - Dust and scratches- Advanced Retouching- smoothing skin	Computer System with LCD Projector	Teaching Class Practical	2 2				
MONTH: OCTOBER							2016-17			
16	1 ST WEEK	5+2	Layers: Working with layers- layer styles- opacity-ac	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2				
17	2 ND WEEK	1+0	Seminar Holidays Dasara	Computer System with LCD Projector	Teaching Class Practical	1 0	Seminar	1		
18	3 RD WEEK	5+2	Blur filter, brush store filter, distort filters, noise filters, pixelate filters, light effects, difference clouds, sharpen filters, printing.	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2				
19	4 TH WEEK	5+2	REVISION	Computer System with LCD Projector	Teaching Class Practical	5 2	Ward Counselling			

MONTH: NOVEMBER				2016-17					
20	1 ST WEEK		PRACTICAL EXAMINATIONS - 2016						
21	2 ND WEEK		SEMESTER END EXAMINATIONS - 2016						
22	3 RD WEEK		SEMESTER END EXAMINATIONS - 2016						

A. Bala Bhavani
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TABLE - A - CURRICULUM PLAN - LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER I: COMPUTER FUNDAMENTALS AND PHOTOSHOP(Code: 1612401)

CLASS: I B.Sc., (M.P.CS.)

Name of the Lecturer : M.V.V.Chowdary , M.C.A,M.Tech.,M.B.A.


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JULY					2016-17				
1	1 ST WEEK	5+2	Introduction to computers , characteristics and limitations of computer, Block diagram of a computer, types of computers, uses of computers,	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2			
2	2 ND WEEK	4+2	computer generations, Applications of computers.	Computer System with LCD Projector	Teaching Class Assignment Practical	3 1 2	Ward Counselling		
3	3 RD WEEK	5+2	Number systems : binary, octal, decimal, and hexa decimal number system, Conversions from one number system to another number system.	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2			
4	4 TH WEEK	5+2	Input devices : Keyboard and Mouse, inputting data in other ways.	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
5	5 th WEEK	2 + 2	Output devices : Monitors, Printers and Plotters	Computer System with LCD Projector	Teaching Class Practical	2 2			
MONTH: AUGUST					2016-17				
6	1 ST WEEK	2+2	Revision I MID Exams	Computer System with LCD Projector	Teaching Class Practical	1 2	Seminar	1	
7	2 ND WEEK	5+2	Types of Software : System software, Application software, commercial, open source, domain and free ware software,Memories: primary, secondary and cache memory. Windows basics : desktop, start menu, icons.	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		

8	3 RD WEEK	5+2	Introduction to Adobe Photoshop: Getting started with Photoshop, creating and saving a document in Photoshop, page layout and back ground	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2				
9	4 TH WEEK	4+2	Photoshop program window- title bar, menu bar, option bar, image window, image title bar,	Computer System with LCD Projector	Teaching Class Assignment Practical	3 1 2	Ward Counselling			
10	5 TH WEEK	2+0	status bar, ruler, pallets	Computer System with LCD Projector	Teaching Class Practical	2 0				
MONTH: SEPTEMBER							2016-17			
11	1 ST WEEK	3+2	tool box, screen modes, saving files, reverting files, closing files.	Computer System with LCD Projector	Teaching Class Assignment Practical	2 0 2	Seminar	1		
12	2 ND WEEK	4+2	Images: working with images, image size and resolution, image editing, colour modes and adjustments	Computer System with LCD Projector	Teaching Class Assignment Practical	3 1 2	Ward Counselling			
13	3 RD WEEK	2+0	Zooming & Panning an Image, Rulers, Guides & Grids- Cropping & Straightening an Image, image backgrounds, making selections. II MID Exams	Computer System with LCD Projector	Teaching Class Practical	2 0				
14	4 TH WEEK	5+2	Colour manipulations: colour modes- Levels – Curves - Seeing Colour accurately - Patch tool, Working with tool box: working with pen tool, save and load selection- working with erasers- working with text and brushes	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling			
15	5 TH WEEK	1+2	Cropping- Reading your palettes - Dust and scratches- Advanced Retouching- smoothing skin	Computer System with LCD Projector	Teaching Class Practical	1 2				
MONTH: OCTOBER							2016-17			
16	1 ST WEEK	4+2	Layers: Working with layers- layer styles- opacity-ac	Computer System with LCD Projector	Teaching Class Assignment Practical	3 1 2				
17	2 ND WEEK	1+0	Seminar Holidays	Dasara Computer System with LCD Projector	Teaching Class Practical	1 0	Seminar	1		

18	3 RD WEEK	5+2	Blur filter, brush store filter, distort filters, noise filters, pixelate filters, light effects, difference clouds, sharpen filters, printing.	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2				
19	4 th WEEK	5+2	REVISION	Computer System with LCD Projector	Teaching Class Practical	4 2	Seminar	1		
MONTH: NOVEMBER							2016-17			
20	1 ST WEEK		PRACTICAL EXAMINATIONS - 2016							
21	2 ND WEEK		SEMESTER END EXAMINATIONS - 2016							
22	3 rd WEEK		SEMESTER END EXAMINATIONS - 2016							


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER III: OBJECT ORIENTED PROGRAMMING USING JAVA (Code:1632403)

CLASS: II B.Se., (M.P.CS.)

NAME OF THE LECTURER: A. BALA BHAVANI (M.C.A)

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE								YEAR: 2016-17	
1	3 RD WEEK	4 + 2	FUNDAMENTALS OF OBJECT – ORIENTED PROGRAMMING :Introduction, Object Oriented paradigm	Computer System with LCD Projector	Teaching Class	4 2			
2	4 TH WEEK	4 + 2	Basic Concepts of OOP, Benefits of OOP, Applications of OOP	Computer System with LCD Projector	Teaching Class Practical	4 2			

MONTH: JULY

YEAR: 2016-17

3	1 ST WEEK	4 + 2	Java features: OVERVIEW OF JAVA LANGUAGE: Introduction, Simple Java program structure.	Computer System with LCD Projector	Teaching Class Practical	4 2			
4	2 ND WEEK	3 + 2	Java tokens, Java Statements, Implementing a Java Program, Java Virtual Machine, Command line arguments.	Computer System with LCD Projector	Teaching Class Practical	3 2			
5	3 RD WEEK	4 + 2	CONSTANTS, VARIABLES & DATA TYPES: Introduction, Constants, Variables, Data Types, Declaration of Variables, Giving Value to Variables, Scope of variables, Symbolic Constants, Type casting, Getting Value of Variables, Standard Default values.	Computer System with LCD Projector	Teaching Class Practical	4 2			
6	4 TH WEEK	4 + 2	OPERATORS & EXPRESSIONS, DECISION MAKING & BRANCHING: Introduction, Decision making with if statement, Simple if statement, if. Else statement, Nesting of if. else statements, the else if ladder	Computer System with LCD Projector	Teaching Class Practical	4 2			

7	5 th WEEK	2 + 2	The switch statement, the conditional operator.	Computer System with LCD Projector	Teaching Class Practical	2 2			
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MONTH: AUGUST

YEAR:2016-17

8	1 ST WEEK	2 + 2	LOOPING: Introduction, The While statement, the do-while statement, the for statement, Jumps in loops.	Computer System with LCD Projector	Teaching Class Practical	2 2			
9	2 ND WEEK	4 + 2	Creating objects, Accessing class members, Constructors, Method overloading, Static members, Nesting of methods.	Computer System with LCD Projector	Teaching Class Practical	4 2			
10	3 RD WEEK	4 + 2	INHERITANCE: Extending a class, Overloading methods.	Computer System with LCD Projector	Teaching Class Practical	4 2			
11	4 TH WEEK	3 + 2	Final variables and methods, Final classes, Abstract methods and classes.	Computer System with LCD Projector	Teaching Class Unit Test - 2 Practical	3 2			
12	5 th WEEK	2 + 2	Arrays, One-dimensional arrays, Creating an array, Two – dimensional arrays,	Computer System with LCD Projector	Teaching Class Practical	2 2			

MONTH: SEPTEMBER

YEAR: 2016-17

13	1 ST WEEK	4 + 2	STRINGS AND VECTORS: Strings, Vectors, Wrapper classes.	Computer System with LCD Projector	Teaching Class Practical	3 2	Quiz	1	
14	2 ND WEEK	3 + 2	INTERFACES: MULTIPLE INHERITANCE: Introduction, Defining interfaces, Extending interfaces, Implementing interfaces, Assessing interface variables.	Computer System with LCD Projector	Teaching Class Practical	3 2			
15	3 RD WEEK	2 + 2	MULTITHREADED PROGRAMMING: Introduction, Creating Threads, Extending the Threads, Stopping and Blocking a Thread, Lifecycle of a Thread,Using Thread Methods.	Computer System with LCD Projector	Teaching Class Practical	2 2			
16	4 th WEEK	4 + 2	Thread Exceptions, Thread Priority, Synchronization, Implementing the 'Runnable' Interface. MANAGING ERRORS AND EXCEPTIONS: Types of errors : Compile-time errors, Run-time errors.	Computer System with LCD Projector	Teaching Class Practical	4 2			

17	5 th WEEK	2+2	Exceptions, Exception handling, Multiple Catch Statements, Using finally statement,	Computer System with LCD Projector	Teaching Class Practical	2 2			
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MONTH: OCTOBER

YEAR: 2016-17

18	1 ST WEEK	4 + 2	APPLET PROGRAMMING: local and remote applets, Applets and Applications, Building Applet code, Applet Life cycle: Initialization state, Running state, Idle or stopped state, Dead state, Display state.	Computer System with LCD Projector	Teaching Class Practical	3 2	Quiz	1	
19	2 ND WEEK	1 + 2	PACKAGES: Introduction, Java API Packages, Using System Packages, Naming conventions.	Computer System with LCD Projector	Teaching Class Practical	1 2			
20	3 RD WEEK	4 + 2	Package. MANAGING INPUT/OUTPUT FILES IN JAVA: Introduction, Concept of Streams, Stream classes, Byte Stream Classes, Input Stream Classes, Output Stream Classes, Character Stream classes: Reader stream classes,	Computer System with LCD Projector	Teaching Class Practical	4 2			
21	4 th WEEK	4 + 2	REVISION	Computer System with LCD Projector	Teaching Class Practical	4 2			

MONTH: NOVEMBER

YEAR: 2016-17

22	1 ST WEEK		PRACTICAL EXAMINATIONS - 2016						
23	2 ND WEEK		SEMESTER EXAMINATIONS - 2016						
24	3 rd WEEK		SEMESTER EXAMINATIONS - 2016						

A. Bala Bhavani
SIGNATURE OF THE LECTURER

M. S. S. S.
SIGNATURE OF THE DEPARTMENT I/C

S. Ramesh Kumar
SIGNATURE OF THE PRINCIPAL (A)
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RAMACHANDRAPURAM-533 255, (E.G.D.)

	4TH WEEK	4	Introduction to the Style Sheets and Java Scripts: Cascading Style Sheets: Properties and values in styles, Style sheets A worked example.		Teaching Class	4			Ward Counseling				
	5TH WEEK	2	Introduction to the Style Sheets and Java Scripts: Style sheets- A worked example, Formatting blocks of information,		Teaching class	2							

MONTH: SEPTEMBER

YEAR: 2016-17

13	1 ST WEEK	2	Introduction to the Style Sheets and Java Scripts: Style sheets Layers.		Teaching Class	2							
14	2 ND WEEK	3	Javascript: Mathematical functions and string functions Functions.		Teaching Class	3			Ward Counseling				
15	3 RD WEEK	4	Statements, Operators and Arrays		Teaching Class	3			study projects	1			
16	4 TH WEEK	4	Objects in Java Script and DHTML: Data and objects in java script.		Teaching Class	4			Ward Counseling				
17	5 TH WEEK	4	Regular expressions with example programs		Teaching Class	3			study projects	1			

MONTH: OCTOBER


YEAR: 2016-17

18	1 ST WEEK	1	Regular expression functions.		Teaching class	1							
19	2 ND WEEK	3	Exception Handling		Teaching Class	3			Ward Counseling				
20	3 RD WEEK	0	Dassera holidays		Teaching Class								
21	4 TH WEEK	3	Data and objects in java script: Built in objects.			3							
22	5 TH WEEK	3	Dynamic HTML with Java Script: Data validation, Events.		Teaching Class	3							

36	4 TH WEEK	3	REVISION		Teaching Class	3							
37	5 TH WEEK	2	REVISION			2							
MONTH: FEBRUARY					YEAR: 2016-17								
38	1 ST WEEK	3	REVISION		Teaching Class	3							
39	2 ND WEEK	3	REVISION		Teaching Class	3							
40	3 RD WEEK		A.K.N.U. PRACTICAL EXAMINATIONS - 2017										
41	4 TH WEEK		A.K.N.U. PRACTICAL EXAMINATIONS 2016 - 2017										


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CURRICULUM PLAN

Department : Computer Science

Paper III: Database Management Systems.

CLASS: III B.Sc. (M.P.CS)

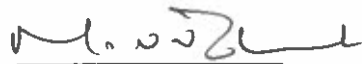
Name of the Lecturer : M.V.V.CHOWDARY, M.C.A.,M.Tech.,M.B.A.

S.No	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUE ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE 2016											
1	III Week	3	Database Systems Introduction and Fundamentals: Database Systems: Introducing the database and DBMS, Why the database is important.		Teaching Class	1					
2	IV Week	4	Historical Rots: Files and File Systems, Problems with File System Data Management, Database Systems.		Teaching Class	3					
MONTH: JULY 2016											
1	I Week	4	Data Models: The importance of Data models, Data Model Basic Building Blocks, Busines Rules, The evolution of Data Models.		Teaching Class	1					
2	II Week	3	The evolution of Data Models,		Teaching Class	3					
3	III Week	4	Degrees of Data Abstraction. The Relational Database Model: A logical view of Data, Keys, Integrity Rules, Relational Set Operators		Teaching Class	3					
4	IV Week	4	The Data Dictionary and the system catalog, Relationships with in the Relational Database, Data Redundancy revisited, Indexes,		Teaching Class	3					


5	V Week	1	Codd's Relational Database Rules.		Teaching Class	3								
MONTH: AUGUST 2016														
6	I Week	3	Remedial Coaching		Teaching Class Assignment	2 1			Study Project	1				
7	II Week	4	Remedial Coaching		Teaching Class Assignment	2 1			Study Project	1				
8	III Week	4	Remedial Coaching		Teaching Class Assignment	2 1			Study Project	1				
9	IV Week	3	Data Modeling and Normalization: Entity Relationship Model: The Entity Relationship Model(ERM)		Teaching Class	2			Study Project	1				
10	V Week	1	Developing ER Diagram, Database Design Challenges: Conflicting Goals.		Teaching Class	1								
MONTH: SEPTEMBER 2016														
11	I Week	3	Advanced Data Modeling: The Extended Entity Relationship Model, Entity clustering, Entity integrity: Selecting Primary keys, Design Cases: Learning Flexible Database Design		Teaching Class	3								
12	II Week	3	Normalization of Database tables: Database Tables and Normalization, The need for Normalization, The Normalization Process		Teaching Class	3								
13	III Week	3	Improving the Design, Surrogate Key Considerations, Higher level Normal Forms		Teaching Class Assignment	2 1								
14	IV Week	4	Normalization and Database Design, Denormalization.		Teaching Class	4								
15	V Week	1	Interaction with Databases and Construction of Information System: Introduction to SQL: Data Definition Commands		Teaching Class	2								
MONTH: OCTOBER 2016														
16	I Week	3	Data Manipulation Commands, Select queries		Teaching Class	3								
17	II Week	1	DASARA HOLIDAYS Projects	Study	Teaching Class	1			Study Project	1				
18	III Week	4	Advanced Data Definition Commands, Advanced Select queries, Virtual Tables, Joining Database Tables.		Teaching Class	4								

19	IV Week	4	Advanced SQL: Relational Set Operators, SQL Join Operators, Subqueries and Correlated Queries		Teaching Class	4											
20	V Week	1	SQL Functions		Teaching Class	1											
MONTH: NOVEMBER 2016																	
21	I Week	3	Oracle Sequences, Updatable Views, Procedural SQL		Teaching Class	3											
22	II Week	4	Embedded SQL		Teaching Class	4											
23	III Week	3	Database Design: The Information System, The Systems Development Life Cycle,		Teaching Class	3											
24	IV Week	4	The Database Life Cycle, Database Design Strategies, Centralized Vs Decentralized design.		Teaching Class	4											
MONTH: DECEMBER 2016																	
26	I Week	0	Half Yearly Examinations		Teaching Class	0											
27	II Week	4	Transaction Management and Concurrency Control: What is transaction? Concurrency control, Concurrency control with locking Methods		Teaching Class	4											
28	III Week	4	Concurrency control with Time Stamping Methods, Concurrency control with Optimistic Methods, Database Recovery Management. Distributed Database Management Systems: The evolution of Distributed Database Management Systems, DDBMS Advantages and Disadvantages		Teaching Class	4											
29	IV Week	3	Distributed Processing and Distributed Databases, Characteristics of Distributed Database Management Systems, DDBMS Components		Teaching Class	3											
30	V Week	3	Levels of Data and Process distribution, Distributed Database Transparency Features, Distribution Transparency		Teaching Class	3											
MONTH: JANUARY 2017																	
	I Week	1	Study Project		Teaching Class	0							Study Project	1			
31	II Week	1	PONGAL HOLIDAYS		Teaching Class	0							Study Project	1			

32	III Week	3	Transaction Transparency, Performance Transparency and Query Optimization, Distributed Database Design, Client/Server VS DDBMS.															
33	IV Week	4	REVISION		Teaching Class	4												
34	V Week	1	REVISION		Teaching Class	1												
MONTH: FEBRUARY 2017																		
35	I Week	3	REVISION		Teaching Class	1												
					Test	2												
36	II Week	4	REVISION		Teaching Class	2												
					Test	1												
37	III Week		PRACTICAL EXAMINATIONS - 2017															
38	IV Week		PRACTICAL EXAMINATIONS - 2017															


Signature of the Lecturer


Signature of the Department I/C


Signature of the Principal
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TABLE - A - CURRICULUM PLAN - LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER I: COMPUTER FUNDAMENTALS AND PHOTOSHOP(Code: 1612401)

CLASS: I B.Com.C.A.

Name of the Lecturer : M.P.KUMAR M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JULY					2016-17				
1	1 ST WEEK	5	Introduction to computers , characteristics and limitations of computer, Block diagram of a computer, types of computers, uses of computers,	Computer System with LCD Projector	Teaching Class Assignment	4 1			
2	2 ND WEEK	4	computer generations, Applications of computers.	Computer System with LCD Projector	Teaching Class Assignment	3 1			
3	3 RD WEEK	5	Number systems : binary, octal, decimal, and hexa decimal number system, Conversions from one number system to another number system.	Computer System with LCD Projector	Teaching Class Assignment	4 1			
4	4 TH WEEK	5	Input devices : Keyboard and Mouse, inputting data in other ways.	Computer System with LCD Projector	Teaching Class Assignment	4 1			
5	5 TH WEEK	2	Output devices : Monitors, Printers and Plotters	Computer System with LCD Projector	Teaching Class Assignment	2 0			
MONTH: AUGUST					2016-17				
6	1 ST WEEK	2	Revision I MID Exams	Computer System with LCD Projector	Teaching Class Assignment	1 0	Seminar	1	
7	2 ND WEEK	5	Types of Software : System software, Application software, commercial, open source, domain and free ware software, Memories: primary, secondary and cache memory. Windows basics : desktop, start menu, icons.	Computer System with LCD Projector	Teaching Class Assignment	4 1			

8	3 RD WEEK	5	Introduction to Adobe Photoshop: Getting started with Photoshop, creating and saving a document in Photoshop, page layout and back ground	Computer System with LCD Projector	Teaching Class Assignment	4 1				
9	4 TH WEEK	4	Photoshop program window- title bar, menu bar, option bar, image window, image title bar,	Computer System with LCD Projector	Teaching Class Assignment	3 1				
10	5 TH WEEK	2	status bar, ruler, pallets	Computer System with LCD Projector	Teaching Class Assignment	2 0				
MONTH: SEPTEMBER							2016-17			
11	1 ST WEEK	3	tool box, screen modes, saving files, reverting files, closing files.	Computer System with LCD Projector	Teaching Class Assignment	2 0	Seminar	1		
12	2 ND WEEK	4	Images: working with images, image size and resolution , image editing, colour modes and adjustments	Computer System with LCD Projector	Teaching Class Assignment	3 1				
13	3 RD WEEK	2	Zooming & Panning an Image,Rulers, Guides & Grids- Cropping & Straightening an Image, image backgrounds , making selections. II MID Exams	Computer System with LCD Projector	Teaching Class Assignment	2 0				
14	4 TH WEEK	5	Colour manipulations: colour modes- Levels – Curves - Seeing Colour accurately - Patch tool, Working with tool box: working with pen tool, save and load selection- working with erasers-working with text and brushes	Computer System with LCD Projector	Teaching Class Assignment	4 1 2				
15	5 TH WEEK	2	Cropping- Reading your palettes - Dust and scratches- Advanced Retouching- smoothing skin	Computer System with LCD Projector	Teaching Class Assignment	2 2				
MONTH: OCTOBER							2016-17			
16	1 ST WEEK	3	Layers: Working with layers- layer styles- opacity-a	Computer System with LCD Projector	Teaching Class Assignment	3 0				
17	2 ND WEEK	1	Seminar Dasara Holidays	Computer System with LCD Projector	Teaching Class Assignment	0	Seminar	1		

18	3 RD WEEK	5	Blur filter, brush store filter, distort filters, noise filters, pixelate filters, light effects, difference clouds, sharpen filters, printing.	Computer System with LCD Projector	Teaching Class Assignment	4 1				
19	4 TH WEEK	5	REVISION	Computer System with LCD Projector	Teaching Class Assignment	3 1	Seminar	1		
MONTH: NOVEMBER							2016-17			
20	1 ST WEEK	5	REVISION	Computer System with LCD Projector	Teaching Class Assignment	3 1	Seminar	1		
21	2 ND WEEK		SEMESTER END EXAMINATIONS - 2016							
22	3 RD WEEK		SEMESTER END EXAMINATIONS - 2016							

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SIGNATURE OF THE LECTURER

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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER: III NETWORKS AND INTERNET FOUNDATIONS(3304)

CLASS: II B.Com(VOC)

NAME OF THE LECTURER: M.PHANI KUMAR (M.C.A)

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE								YEAR: 2016-17	
7	3 RD WEEK	5	Introduction to Network, advantages and disadvantages of network , Types of Networks,Network topologies	Computer System with LCD Projector	Teaching Class	4	Tutorial Class	1	
8	4 TH WEEK	5	Types of topologies, Connecting Devices ,Hubs, Repeaters, Bridges, Routers, Network Interface Cards (NIC) and Switches	Computer System with LCD Projector	Teaching Class	5			
9	5 TH WEEK	5	Network Operating system - analog and digital signal, analog and digital signal transmission	Computer System with LCD Projector	Teaching Class	5			
MONTH: AUGU								YEAR:2016-17	
10	1 ST WEEK	2	Introduction to Network Communication Model- Network Architecture	Computer System with LCD Projector	Teaching Class	4	Seminar	1	
11	2 ND WEEK	5	Application Layer, Presentation Layer, Session Layer, transport Layer, Network Layer, Data-link Layer, Physical Layer	Computer System with LCD Projector	Teaching Class	5			
12	3 RD WEEK	5	TCP/IP Protocols- Protocols and their classification Address Resolution Protocol(ARP) , Reverse Address Resolution Protocols (RARP) , SMTP, MIME, IMAP, POP, ICMP, HTTP, and Telnet – flow control and cryptography	Computer System with LCD Projector	Teaching Class	5			
13	4 TH WEEK	5	Overview of Internet, revolution of Internet , Internet service providers (ISP)	Computer System with LCD Projector	Teaching Class	5			
MONTH: SEPT								YEAR: 2016-17	
14	1 ST WEEK	5	setting windows environment for dial up networking, search engine, searching web using search engines	Computer System with LCD Projector	Teaching Class	5			

15	2 ND WEEK	5	audio on internet – newsgroup – subscribing to news groups.	Computer System with LCD Projector	Teaching Class	4	Group Discussion	1	
16	3 RD WEEK	5	Intranet concepts and architecture, building corporate world wide web protocol, Internet infrastructure	Computer System with LCD Projector	Teaching Class	5			
17	4 th WEEK	2	fundamentals of TCP/IP, Internet Security design - intranet as business tools,	Computer System with LCD Projector	Teaching Class	2			
18	5 th WEEK	0	DASARA HOLIDAYS						
MONTH: OCTO								YEAR: 2016-17	
19	1 ST WEEK	5	Future of intranet protocols of communication. Internet Security design - intranet as business tools, future of intranet – protocols of communication.	Computer System with LCD Projector	Teaching Class	5			
20	2 ND WEEK	5	Wireless Technology- aware of WML Protocol, planning your wireless home network- wireless networking equipments	Computer System with LCD Projector	Teaching Class	4	Quiz	1	
21	3 RD WEEK	5	Bluetooth and other wireless networks.- configuring wireless networks- Security – virus and antivirus, configuring firewalls.	Computer System with LCD Projector	Teaching Class	5			
22	4 th WEEK	5	REVISION	Computer System with LCD Projector	Teaching Class	5			
MONTH: NOVEMBER								YEAR: 2016-17	
23	1 ST WEEK		REVISION						
24	2 ND WEEK		SEMESTER EXAMINATIONS - 2016						
25	3 rd WEEK		SEMESTER EXAMINATIONS - 2016						

Mr. Phani Kumar
SIGNATURE OF THE LECTURER

M. S. S. S.
SIGNATURE OF THE DEPARTMENT I/C

S. Ramaswami
SIGNATURE OF THE PRINCIPAL

**PRINCIPAL, V.S.M. COLLEGE (A)
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V.S.M COLLEGE, RAMACHANDRAPURAM
TABLE – A - CURRICULUM PLAN – LECTURER –WISE

Department : Computer science

Subject: Database Management Systems

CLASS: III B.COM

Paper : III

NAME OF THE LECTURER: M.PHANI KUMAR

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES 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	
MONTH: JUNE													YEAR: 2016-17
1	1 ST WEEK	5	Definition of DBMS and various datamodels and advantages and disadvantages		Teaching class	5							
2	2 ND WEEK	5	DBMS VS File System,Roles of DBA,SCHEMAS in DBMS		Teaching class	5							
3	3 RD WEEK	5	Applications of DBMS,types of Databases		Teaching class	5							
4	4 TH WEEK	5	Important topics revised and model paper dictating		Teaching class	5							
MONTH: JULY													YEAR: 2016-17
5	1 ST WEEK	5	Relational model and concepts of relational model		Teaching class	5							
6	2 ND WEEK	5	Define Entity- Relation model and its concepts		Teaching class	5							
7	3 RD WEEK	5	ER diagrams with examples		Teaching class	4			Classroom seminar	1			
8	4 TH WEEK	5	EER models with examples		Teaching class	5							

MONTH: AUGUST

YEAR: 2016-17

10	1 ST WEEK	5	REMEDIAL CLASSES		Teaching class	5							
11	2 ND WEEK	5	REMEDIAL CLASSES		Teaching class	5							
12	3 RD WEEK	5	REMEDIAL CLASSES		Teaching class	5							
13	4 TH WEEK	5	Query by languages and its types, Relational algebra and its concepts		Teaching class	5							

MONTH: SEPTEMBER

YEAR: 2016-17

15	1 ST WEEK	5	Relational operators Relational Claculus and types, JOINS aand its Types		Teaching class	5							
16	2 ND WEEK	5	Predicate aand proportional logics		Teaching class	4			Ward counselling	1			
17	3 RD WEEK	3	Tuple relational calculus and domain relational calculus		Teaching class	5							
18	4 TH WEEK	5	Examples for tuple and domain relational calculus		Teaching class	5							

MONTH: OCTOBER

YEAR: 2016-17

19	1 ST WEEK	5	Structured query language		Teaching class	5							
20	2 ND WEEK	5	DDL ,DML and DCL commands and its purpose		Teaching class	5							
21	3 RD WEEK	5	Example queries for DDL,DML and DCL commands		Teaching class	4			Study projects	1			
22	4 th WEEK	5	Advanced SQL concepts		Teaching class	5							
23	5 th WEEK	3	Bulit-in functions in SQL			3							

36	3 RD WEEK	5	REVISION		Teaching class	5							
37	4 TH WEEK	5	REVISION		Teaching class	5							

MONTH: FEBRUARY

YEAR: 2016-17

39	1 ST WEEK	2	REVISION		Teaching class	2							
40	2 ND WEEK	2	REVISION		Teaching class	2							
41	3 RD WEEK	2	REVISION		Teaching class	2							
42	4 TH WEEK	2	REVISION		Teaching class	2							

M. Phai Kuradi
SIGNATURE OF THE LECTURER

M. S. S. S.
SIGNATURE OF THE DEPARTMENT I/C

S. Ramangant
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V.S.M COLLEGE, RAMACHANDRAPURAM

TABLE - A - CURRICULUM PLAN - LECTURER - WISE

Department : Computerscience

Subject: Object oriented programming with JAVA

CLASS:

III B.COM

Paper : III

NAME OF THE LECTURER: M.PHANI KUMAR

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS	
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED		WHETHER CONDUCTED
MONTH: JUNE											YEAR: 2016-17	
1	1 ST WEEK	5	Syllabus Dictating & Paper model		Teaching class	5						
2	2 ND WEEK	5	POP VS OOPS and advantages of OOPS		Teaching class	5						
3	3 RD WEEK	5	features of OOPS		Teaching class	5						
4	4 TH WEEK	5	applications of OOPS and oops evolution		Teaching class	5						
MONTH: JULY											YEAR: 2016-17	
5	1 ST WEEK	5	JAVA and its history		Teaching class	5						
6	2 ND WEEK	5	Features of java		Teaching class	5						
7	3 RD WEEK	5	java and internet, java with world wide web		Teaching class	4			Classroom seminar	1		
8	4 TH WEEK	5	Structure of java program		Teaching class	5						
MONTH: AUGUST											YEAR: 2016-17	

10	1 ST WEEK	3	REMEDIAL CLASSES		Teaching class Lab	3							
11	2 ND WEEK	5	REMEDIAL CLASSES		Teaching class	5							
12	3 RD WEEK	5	REMEDIAL CLASSES		Teaching class	5							
13	4 TH WEEK	5	Tokens in JAVA,Precedence of Operators,Data types and constants in		Teaching class	5							

MONTH: SEPTEMBER

YEAR: 2016-17

15	1 ST WEEK	5	Operators in java with examples		Teaching class	5							
16	2 ND WEEK	5	Decision making Statements in java with example programs		Teaching class	5							
17	3 RD WEEK	3	Control statements in java with example programs		Teaching class	3							
18	4 TH WEEK	5	Acces specifiers in java with examples,Scope of variables in java and Type casting concepts in java		Teaching class	5							

MONTH: OCTOBER

YEAR: 2016-17

19	1 ST WEEK	5	Classes and objects and its creation by using example programs		Teaching class	5							
20	2 ND WEEK	5	Inheritance in java and its types with example programs		Teaching class	5							
21	3 RD WEEK	5	Multiple inheritance in java by using classes		Teaching class	5							
22	4 TH WEEK	5	Ploymorphism in java		Teaching class	5							
23	5 TH WEEK	5	types of polymorphism in java(compile time and Runtime)		Teaching class	5							

MONTH: NOVEMBER											YEAR: 2016-17		
24	1 ST WEEK	5	Methods in java with examples		Teaching class	5							
25	2 ND WEEK	5	important java programs listed and expalined		Teaching class	5							
26	3 RD WEEK	5	instance methods and instance variables		Teaching class	4			Classroom seminar	1			
27	4 th WEEK	5	Static method sand Static variables aand static block		Teaching class	5							
28	5 th WEEK	5	Abstarct methods in java		Teaching class	5							
MONTH: DECEMBER											YEAR: 2016-17		
29	1 ST WEEK	0	HALF YEARLY EXAMINATIONS										
30	2 ND WEEK	5	super keywords aand this key words by using examples		Teaching class	4			Quiz	1			
31	3 rd WEEK	5	final variables ,final methods,final classes in java		Teaching class	5							
32	4 th WEEK	5	fibnocci, prime number,factorial,amstrong number, plaindrome programs		Teaching class	5							
MONTH: JANUARY											YEAR: 2016-17		
34	1 ST WEEK	5	JAVA VIRTUAL MACHINE		Teaching class	5							

35	2 ND WEEK	0	PONGAL HOLIDAYS		Teaching class							
36	3 RD WEEK	5	Dynabic bindind and Abstract data types in java		Teaching class	4			Study projects	1		
37	4 TH WEEK	5	REVISION		Teaching class	5						
MONTH: FEBRUARY										YEAR: 2016-17		
39	1 ST WEEK	2	REVISION		Teaching class	2						
40	2 ND WEEK	2	REVISION		Teaching class	2						
41	3 RD WEEK	2	REVISION		Teaching class	2						
42	4 TH WEEK	2	REVISION		Teaching class	2						

H. Phani Kumar
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M. V. S. Reddy
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S. Ramasubramanian
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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER: ICT3 Internet Fundamentals and Web Tools(code:1630205)

CLASS: IIB.Sc, IIB.A, IIB.Com,IICBZ.

NAME OF THE LECTURER: D.MadhuLatha, M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE								YEAR: 2016-17	
1	3 RD WEEK	2	Fundamental of Internet:Networking Concepts,Data Communication,Types of Networking		Teaching Class	2			
2	4 TH WEEK	2	Intetnet Addressing and Internet Services		Teaching Class	2			
MONTH: JULY								YEAR: 2016-17	
3	1 ST WEEK	2	Computer viruses and Types of Browsers	Computer System with LCD Projector	Teaching Class	2			
4	2 ND WEEK	2	Internet Applications:Using Internet Explorer,Standard Internet Explorer Buttons,Entering website address		Teaching Class	2			
5	3 RD WEEK	2	Introduction to Social Networking: Twitter,Tumblr,LinkedIn,Facebook,Flickr,Skype,Yelo,Vi meo,yahoo,Youtube,WhatsApp etc.,		Teaching Class	2			
6	4 TH WEEK	2	Facebook and Whas App Features	Computer System with LCD Projector	Teaching Class	2			
7	5 TH WEEK	2	Twitter LinkedIn,Skype Features	Computer System with LCD Projector	Teaching Class	2			

MONTH: AUGUST							YEAR:2016-17	
8	1 ST WEEK	2	I Mid Examinations Mail: Definition of E-Mail, Advantages and Disadvantages, User ID, passwords	E-			2	
9	2 ND WEEK	2	Domain Names, Mailers, Message Components Message Composition		Computer System with LCD Projector	Teaching Class	2	
10	3 RD WEEK	2	Mail Management, E-Mail Inner Working.		Computer System with LCD Projector	Teaching Class	2	
11	4 TH WEEK	2	WWW: Web Applications, Web Terminologies		Computer System with LCD Projector	Teaching Class	2	
MONTH: SEPTEMBER							YEAR: 2016-17	
12	1 ST WEEK	2	Web Browsers, URL-Components		Computer System with LCD Projector	Teaching Class	2	
13	2 ND WEEK	2	Searching WWW, Search Engine and Examples		Computer System with LCD Projector	Teaching Class	2	
14	3 RD WEEK	2	II Mid Examinations Basic HTML: Basic HTML, Web Terminology, Structure of HTML		Computer System with LCD Projector	Teaching Class	2	
15	4 TH WEEK	2	HTML Document, Heading Body, font, Image and Anchor Tags and some other tags in html.				2	
16	5 TH WEEK	0	DASARA HOLIDAYS				0	
MONTH: OCTOBER							YEAR: 2016-17	
17	1 ST WEEK	2	Different Types of Lists using tags and Example program			Teaching Class	2	

18	2 ND WEEK	2	CreateTable using HTML Code and Example Program	Computer System	Teaching Class	2			
19	3 RD WEEK	2	Create Image using HTML code and Example Program	Computer System	Teaching Class	2			
20	4 th WEEK	2	REVISION			2			
MONTH: NOVEMBER									YEAR: 2016-17
21	1 ST WEEK	2	REVISION			2			
22	2 ND WEEK		SEMESTER EXAMINATIONS - 2016						
23	3 rd WEEK		SEMESTER EXAMINATIONS - 2016						

D. Madhu Latha
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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER II : PROGRAMMING IN 'C'(Code:1622402)

CLASS: I B.Sc., (M.P.CS.)

NAME OF THE LECTURER: M.Phani Kumar M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER 2016-17									
1	4th WEEK	5+2	Introduction to Algorithms and Programming Languages : Algorithm , Key features of Algorithms , Some more Algorithms, Flow Charts ,Pseudo code , Programming Languages	Computer System with LCD Projector	Teaching Class Assignment Practical	4 0 2	Quiz Ward Counselling	1	
MONTH: DECEMBER 2016-17									
2	1 ST WEEK	5+2	Generations of Programming Languages , Structured Programming Language, Design and Implementation of Correct, Efficient and Maintainable Programs.	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
3	2 ND WEEK	5+2	Introduction to C : Structure of C Program , Writing the first C Program, Files used in C Program ,Compiling and Executing C Programs , Using Comments , Keywords , Identifiers, Basic Data Types in C , Variables ,Constants ,	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
4	3 RD WEEK	5+2	I/O Statements in C, Operators in C, Programming Examples , Type Conversion and Type Casting .	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
5	4 TH WEEK	4+2	Decision Control and Looping Statements: Introduction to Decision Control Statements ,Conditional Branching Statements	Computer System with LCD Projector	Teaching Class Assignment Practical	4 0 2	Ward Counselling		

6	5 th WEEK	2 + 2	Iterative Statements .Nested Loops , Break and Continue Statement , goto Statement	Computer System with LCD Projector	Teaching Class Practical	2 2			
MONTH: JANUARY 2016-17									
7	1 ST WEEK	2+2	Revision IMID Exams	Computer System with LCD Projector	Teaching Class Practical	1 2	Quiz Ward Counselling	1	
8	2 ND WEEK	1+0	PONGAL HOLIDAYS	Computer System with LCD Projector	Teaching Class Practical	0 0	Quiz	1	
9	3 RD WEEK	4+2	Function definition , function call ,return statement ,Passing parameters ,Scope of variables ,Storage Classes, Functions: Introduction ,using functions ,Function declaration, prototype	Computer System with LCD Projector	Teaching Class Assignment Practical	4 0 2	Ward Counselling		
10	4 TH WEEK	1+0	Recursive functions ,Type of recursion, Towers of Hanoi , Recursion vs Iteration	Computer System with LCD Projector	Teaching Class Practical	1 0	Ward Counselling		
MONTH: FEBRUARY 2016-17									
11	1 ST WEEK	4+2	Arrays: Introduction , Declaration of Arrays , Accessing elements of the Array , Storing Values in Array , Calculating the length of the Array,Operations on Array ,one dimensional array for inter-function communication	Computer System with LCD Projector	Teaching Class Practical	4 2	Ward Counselling		
12	2 ND WEEK	5+2	Two dimensional Arrays ,Operations on Two Dimensional Arrays , Two Dimensional Arrays for inter-function communication ,Multidimensional Arrays, Sparse Matrices	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Quiz	1	
13	3 RD WEEK	5+2	Strings: Introduction ,Suppressive Input , String Taxonomy , String Operations ,Miscellaneous String and Character functions	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
14	4 th WEEK	2+2	IIMID Exams Pointers: Understanding Computer Memory , Introduction to Pointers , declaring Pointer Variables ,Pointer Expressions and Pointer Arithmetic ,Null Pointers, Generic Pointers	Computer System with LCD Projector	Teaching Class Practical	2 2	Ward Counselling		

MONTH: MARCH 2016-17									
15	1 ST WEEK	5+2	Passing Arguments to Functions using Pointer , Pointer and Arrays , Passing Array to Function ,Difference between Array Name and Pointer , Pointers and Strings	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
16	2 ND WEEK	4+2	Array of pointers ,Pointer and 2D Arrays. Pointer and 3D Arrays .Function Pointers .Array Of Function Pointer ,Memory Allocation in C Programs , Memory Usage, Dynamic Memory Allocation , Drawbacks of Pointers. Structure,unions and Enumerated Data Types: Introduction , Nested Structures .	Computer System with LCD Projector	Teaching Class Assignment Practical	4 0 2	Ward Counselling		
17	3 RD WEEK	5+2	Arrays of Structures , Structures and Functions ,Self referential Structures ,Union ,Arrays of Unions Variables ,Unions inside Structures , Enumerated Data Types. Files: Introduction to Files ,Using Files in C , Reading Data from Files , Writing Data from Files , Detecting the End-of-file	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
18	4 th WEEK	5+2	Error Handling during File Operations Accepting Command Line Arguments , Functions for Selecting a Record Randomly , Remove() , Renaming a File , Creating a Temporary File	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
MONTH: APRIL 2016-17									
19	1 ST WEEK		PRACTICAL EXAMINATIONS - 2017						
20	2 ND WEEK		SEMESTER END EXAMINATIONS - 2017						
21	3 rd WEEK		SEMESTER END EXAMINATIONS - 2017						

H. Phani Kumar

M. S. S. S.

S. Ramasubramanian

**PRINCIPAL, V.S.M. COLLEGE (A)
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TABLE - A - CURRICULUM PLAN - LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER II : PROGRAMMING IN 'C'(Code:1622402)

CLASS: I B.Sc., (M.P.CS.)

NAME OF THE LECTURER: M.V.V.Chowdary M.C.A.,M.Tech., M.B.A.


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER 2016-17									
1	4th WEEK	5+2	Introduction to Algorithms and Programming Languages : Algorithm , Key features of Algorithms , Some more Algorithms, Flow Charts ,Pseudo code , Programming Languages	Computer System with LCD Projector	Teaching Class Assignment Practical	4 0 2	Quiz Ward Counselling	1	
MONTH: DECEMBER 2016-17									
2	1 ST WEEK	5+2	Generations of Programming Languages , Structured Programming Language, Design and Implementation of Correct, Efficient and Maintainable Programs.	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
3	2 ND WEEK	5+2	Introduction to C : Structure of C Program , Writing the first C Program, Files used in C Program ,Compiling and Executing C Programs , Using Comments , Keywords , Identifiers, Basic Data Types in C , Variables ,Constants	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
4	3 RD WEEK	5+2	I/O Statements in C, Operators in C, Programming Examples , Type Conversion and Type Casting .	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
5	4 TH WEEK	4+2	Decision Control and Looping Statements: Introduction to Decision Control Statements ,Conditional Branching Statements	Computer System with LCD Projector	Teaching Class Assignment Practical	4 0 2	Ward Counselling		

6	5 th WEEK	2+2	Iterative Statements ,Nested Loops , Break and Continue Statement , goto Statement	Computer System with LCD Projector	Teaching Class Practical	2 2			
MONTH: JANUARY 2016-17									
7	1 ST WEEK	2+2	Revision IMID Exams	Computer System with LCD Projector	Teaching Class Practical	1 2	Quiz Ward Counselling	1	
8	2 ND WEEK	1+0	PONGAL HOLIDAYS	Computer System with LCD Projector	Teaching Class Practical	0 0	Quiz	1	
9	3 RD WEEK	4+2	Function definition , function call ,return statement ,Passing parameters ,Scope of variables ,Storage Classes, Functions: Introduction ,using functions ,Function declaration, prototype	Computer System with LCD Projector	Teaching Class Assignment Practical	4 0 2	Ward Counselling		
10	4 TH WEEK	1+0	Recursive functions ,Type of recursion, Towers of Hanoi , Recursion vs Iteration	Computer System with LCD Projector	Teaching Class Practical	1 0	Ward Counselling		
MONTH: FEBRUARY 2016-17									
11	1 ST WEEK	4+2	Arrays: Introduction , Declaration of Arrays , Accessing elements of the Array , Storing Values in Array , Calculating the length of the Array,Operations on Array ,one dimensional array for inter-function communication	Computer System with LCD Projector	Teaching Class Practical	4 2	Ward Counselling		
12	2 ND WEEK	5+2	Two dimensional Arrays ,Operations on Two Dimensional Arrays , Two Dimensional Arrays for inter-function communication ,Multidimensional Arrays, Sparse Matrices	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Quiz	1	
13	3 RD WEEK	5+2	Strings: Introduction ,Suppressive Input , String Taxonomy , String Operations ,Miscellaneous String and Character functions	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
14	4 th WEEK	2+2	IIMID Exams Pointers: Understanding Computer Memory , Introduction to Pointers , declaring Pointer Variables ,Pointer Expressions and Pointer Arithmetic ,Null Pointers, Generic Pointers	Computer System with LCD Projector	Teaching Class Practical	2 2	Ward Counselling		

MONTH: MARCH 2016-17									
15	1 ST WEEK	5+2	Passing Arguments to Functions using Pointer , Pointer and Arrays , Passing Array to Function ,Difference between Array Name and Pointer , Pointers and Strings	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
16	2 ND WEEK	4+2	Array of pointers ,Pointer and 2D Arrays. Pointer and 3D Arrays .Function Pointers .Array Of Function Pointer ,Memory Allocation in C Programs , Memory Usage, Dynamic Memory Allocation , Drawbacks of Pointers. Structure,unions and Enumerated Data Types: Introduction , Nested Structures .	Computer System with LCD Projector	Teaching Class Assignment Practical	4 0 2	Ward Counselling		
17	3 RD WEEK	5+2	Arrays of Structures , Structures and Functions ,Self referential Structures ,Union ,Arrays of Unions Variables ,Unions inside Structures , Enumerated Data Types. Files: Introduction to Files ,Using Files in C , Reading Data from Files , Writing Data from Files , Detecting the End-of-file	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
18	4 th WEEK	5+2	Error Handling during File Operations Accepting Command Line Arguments , Functions for Selecting a Record Randomly , Remove() , Renaming a File , Creating a Temporary File	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
MONTH: APRIL 2016-17									
19	1 ST WEEK		PRACTICAL EXAMINATIONS - 2017						
20	2 ND WEEK		SEMESTER END EXAMINATIONS - 2017						
21	3 rd WEEK		SEMESTER END EXAMINATIONS - 2017						


SIGNATURE OF THE LECTURER


SIGNATURE OF THE DEPARTMENT I/C


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER II : PROGRAMMING IN 'C'(Code:1622402)

CLASS: I B.Sc., (M.P.CS.)

NAME OF THE LECTURER: A Tataji, M.C.A.


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER 2016-17									
1	4th WEEK	5+2	Introduction to Algorithms and Programming Languages : Algorithm , Key features of Algorithms , Some more Algorithms, Flow Charts ,Pseudo code , Programming Languages	Computer System with LCD Projector	Teaching Class Assignment Practical	4 0 2	Quiz Ward Counselling	1	
MONTH: DECEMBER 2016-17									
2	1 ST WEEK	5+2	Generations of Programming Languages , Structured Programming Language, Design and Implementation of Correct, Efficient and Maintainable Programs.	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
3	2 ND WEEK	5+2	Introduction to C : Structure of C Program ,Writing the first C Program, Files used in C Program ,Compiling and Executing C Programs , Using Comments , Keywords , Identifiers, Basic Data Types in C , Variables ,Constants	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
4	3 RD WEEK	5+2	I/O Statements in C, Operators in C, Programming Examples , Type Conversion and Type Casting .	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
5	4 TH WEEK	4+2	Decision Control and Looping Statements: Introduction to Decision Control Statements ,Conditional Branching Statements	Computer System with LCD Projector	Teaching Class Assignment Practical	4 0 2	Ward Counselling		

6	5 th WEEK	2 + 2	Iterative Statements .Nested Loops , Break and Continue Statement , goto Statement	Computer System with LCD Projector	Teaching Class Practical	2 2			
MONTH: JANUARY 2016-17									
7	1 ST WEEK	2+2	Revision IMID Exams	Computer System with LCD Projector	Teaching Class Practical	1 2	Quiz Ward Counselling	1	
8	2 ND WEEK	1+0	PONGAL HOLIDAYS	Computer System with LCD Projector	Teaching Class Practical	0 0	Quiz	1	
9	3 RD WEEK	4+2	Function definition , function call ,return statement ,Passing parameters ,Scope of variables ,Storage Classes, Functions: Introduction ,using functions ,Function declaration, prototype	Computer System with LCD Projector	Teaching Class Assignment Practical	4 0 2	Ward Counselling		
10	4 TH WEEK	1+0	Recursive functions ,Type of recursion, Towers of Hanoi , Recursion vs Iteration	Computer System with LCD Projector	Teaching Class Practical	1 0	Ward Counselling		
MONTH: FEBRUARY 2016-17									
11	1 ST WEEK	4+2	Arrays: Introduction , Declaration of Arrays , Accessing elements of the Array , Storing Values in Array , Calculating the length of the Array,Operations on Array ,one dimensional array for inter-function communication	Computer System with LCD Projector	Teaching Class Practical	4 2	Ward Counselling		
12	2 ND WEEK	5+2	Two dimensional Arrays ,Operations on Two Dimensional Arrays , Two Dimensional Arrays for inter-function communication ,Multidimensional Arrays, Sparse Matrices	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Quiz	1	
13	3 RD WEEK	5+2	Strings: Introduction ,Suppressive Input , String Taxonomy , String Operations ,Miscellaneous String and Character functions	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
14	4 th WEEK	2+2	IMID Exams Pointers: Understanding Computer Memory , Introduction to Pointers , declaring Pointer Variables ,Pointer Expressions and Pointer Arithmetic ,Null Pointers, Generic Pointers	Computer System with LCD Projector	Teaching Class Practical	2 2	Ward Counselling		

MONTH: MARCH 2016-17									
15	1 ST WEEK	5+2	Passing Arguments to Functions using Pointer , Pointer and Arrays , Passing Array to Function ,Difference between Array Name and Pointer , Pointers and Strings	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
16	2 ND WEEK	4+2	Array of pointers ,Pointer and 2D Arrays. Pointer and 3D Arrays .Function Pointers .Array Of Function Pointer ,Memory Allocation in C Programs , Memory Usage, Dynamic Memory Allocation , Drawbacks of Pointers. Structure,unions and Enumerated Data Types: Introduction , Nested Structures .	Computer System with LCD Projector	Teaching Class Assignment Practical	4 0 2	Ward Counselling		
17	3 RD WEEK	5+2	Arrays of Structures , Structures and Functions ,Self referential Structures ,Union ,Arrays of Unions Variables ,Unions inside Structures , Enumerated Data Types. Files: Introduction to Files ,Using Files in C , Reading Data from Files , Writing Data from Files , Detecting the End-of-file	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
18	4 th WEEK	5+2	Error Handling during File Operations Accepting Command Line Arguments , Functions for Selecting a Record Randomly , Remove() , Renaming a File , Creating a Temporary File	Computer System with LCD Projector	Teaching Class Assignment Practical	4 1 2	Ward Counselling		
MONTH: APRIL 2016-17									
19	1 ST WEEK		PRACTICAL EXAMINATIONS - 2017						
20	2 ND WEEK		SEMESTER END EXAMINATIONS - 2017						
21	3 rd WEEK		SEMESTER END EXAMINATIONS - 2017						


SIGNATURE OF THE LECTURER


SIGNATURE OF THE DEPARTMENT I/C


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER IV: DATA STRUCTURES(Code:1642404)

CLASS: II B.Sc., (M.P.CS.)

NAME OF THE LECTURER: A. BALA BHAVANI, M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER					2016-17				
1	4 th WEEK	4 + 2	Concept of Abstract Data Types (ADTs)- Data Types	Computer System with LCD Projector	Teaching Class	4 2			
MONTH: DECEMBER					2016-17				
2	1 ST WEEK	4 + 2	Data Structures, Storage Structures, and File Structures, Primitive and Non-primitive Data Structures, Linear and Non-linear Data Structures.	Computer System with LCD Projector	Teaching Class Practical	4 2			
3	2 ND WEEK	4 + 2	Linear Lists – ADT, Array and Linked representations, Pointers. Arrays – ADT, Mappings, Representations, Sparse Matrices, Sets – ADT, Operations	Computer System with LCD Projector	Teaching Class Practical	4 2			
4	3 RD WEEK	4 + 2	Linked Lists: Single Linked List, Double Linked List, Circular Linked List , applications	Computer System with LCD Projector	Teaching Class Practical	4 2			
5	4 TH WEEK	3 + 2	Stacks: Definition, ADT, Array and Linked representations, Implementations.	Computer System with LCD Projector	Teaching Class Practical	3 2			
6	5 th WEEK	2 + 2	Applications of stacks	Computer System with LCD Projector	Teaching Class Practical	2 2			
MONTH: JANUARY									
7	1 ST WEEK	2 + 2	Queues: Definition, ADT, Array and Linked representations	Computer System with LCD Projector	Teaching Class Practical	2 2			
8	2 ND WEEK	1 + 2	Circular Queues	Computer System with LCD Projector	Teaching Class Practical	1 2			
9	3 RD WEEK	3 + 2	Dequeues, Priority Queues, Implementations and Applications.	Computer System with LCD Projector	Teaching Class Practical	3 2			
10	2 ND WEEK	1 + 2	Trees: Binary Tree, Definition, Properties	Computer System with LCD Projector	Teaching Class Practical	1 2			

MONTH: FEBRUARY									
11	1 ST WEEK	4 + 2	Binary Search Trees (BST) – Definition, ADT, Operations and Implementations	Computer System with LCD Projector	Teaching Class Practical	3 2	Book Reviews	1	
12	2 ND WEEK	4 + 2	BST Applications. Threaded Binary Trees, Heap trees.	Computer System with LCD Projector	Teaching Class Practical	4 2			
13	3 RD WEEK	4 + 2	Graphs – Graph and its Representation, Graph Traversals, Connected Components.	Computer System with LCD Projector	Teaching Class Practical	4 2			
14	4 TH WEEK	2 + 2	Basic Searching Techniques, Minimal Spanning Trees	Computer System with LCD Projector	Teaching Class Practical	2 2			
MONTH: MARCH									
15	1 ST WEEK	4 + 2	Sorting and Searching: Selection, Insertion, Bubble, Merge sorts	Computer System with LCD Projector	Teaching Class Practical	3 2	Book Reviews	1	
16	2 ND WEEK	3 + 2	Quick, Heap sort, Sequential and Binary Searching.	Computer System with LCD Projector	Teaching Class Practical	3 2			
17	3 RD WEEK	4 + 2	REVISION	Computer System with LCD Projector	Teaching Class Practical	4 2			
18	4 TH WEEK	4 + 2	REVISION	Computer System with LCD Projector	Teaching Class Practical	4 2			
MONTH: APRIL									
19	1 ST WEEK		PRACTICAL EXAMINATIONS - 2017						
20	2 ND WEEK		SEMESTER END EXAMINATIONS - 2017						
21	3 RD WEEK		SEMESTER END EXAMINATIONS - 2017						

A. Bala Bhavani
SIGNATURE OF THE LECTURER

M. S. J. S.
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S. Ranganjanes
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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER: ICT1 COMPUTER FUNDAMENTALS AND OFFICE TOOLS(code:1620203)

CLASS: I B.Sc(MPC) TM, I B.Com C1

NAME OF THE LECTURER: A.BALA BHAVANI ,M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER								YEAR: 2016-17	
1	3 RD WEEK	2	Basics of Computers: Definition of computer, Characteristics and Applications of computer		Teaching Class	2			
MONTH: DECEMBER								YEAR: 2016-17	
2	1 ST WEEK	2	Block Diagram of a Digital computer, Classifications of Computer based on size and working		Teaching Class	2			
3	2 ND WEEK	2	Central processing unit and I/o Devices		Teaching Class	2			
4	3 RD WEEK	2	Primary, Auxilary and Cache Memory, Memory Devices		Teaching Class	2			
5	4 TH WEEK	2	Software, Hardware, Firmware and People ware- Definition and Types of Operating System		Teaching Class	2			
6	5 TH WEEK	2	Functions of Operating System MS-DOS- MS Windows		Teaching Class	2			
MONTH: JANUARY								YEAR: 2016-17	
7	1 ST WEEK	2	Desktop, Computer, Documents, pictures, Music, Videos, Recycle Bin Task Bar, -Control Panel		Teaching Class	2			
8	2 ND WEEK	2	MS-WORD: Features of MS-Word, MS_Word window components	Computer System with LCD Projector	Teaching Class	2			
9	3 RD WEEK	0	Pongal Holidays	Computer System with LCD Projector	Teaching Class	0			
10	4 TH WEEK	2	Creating, Editing Formating and printing of Documents Headers and Footers-Insert/Draw Tables	Computer System with LCD Projector	Teaching Class	2			

MONTH: FEBRUARY								YEAR: 2016-17	
11	1 ST WEEK	2	Table Auto format-Page Borders and Shading,inserting symbols and shapesWord Art, Page Numbers,Equations-Spelling and Grammar-Thesaurus	Computer System with LCD Projector	Teaching Class	2			
12	2 ND WEEK	2	MS-PowerPoint: Features of PowerPoint,Creating a Blank Presentation-Creating Presentation using a Template	Computer System with LCD Projector	Teaching Class	2			
13	3 RD WEEK	2	Inserting and Deleting Slides in a Presentation Adding ClipArt/Pictures, Inserting Other Objects, Audio, Video.	Computer System with LCD Projector	Teaching Class	2			
14	4 TH WEEK	2	Resizing and Scaling of an Object Slide Transition-Custom Animation	Computer System with LCD Projector	Teaching Class	2			
MONTH: MARCH								YEAR: 2016-17	
15	1 ST WEEK	2	Ms_Excel: Overview of Excel Features-Creating a new worksheet, Selecting cells,	Computer System with LCD Projector	Teaching Class	2			
16	2 ND WEEK	2	Entering and editing Text, Numbers,Formulae,Referencing Cells,Inserting Rowa/Columns-	Computer System with LCD Projector	Teaching Class	2			
17	3 RD WEEK	2	Changing column width and row heightsAuto Format,changing font sizws,colors,shading,Functions, charts	Computer System with LCD Projector	Teaching Class	2			
18	4 TH WEEK	2	REVISION		Teaching Class	2			
MONTH: APRIL								YEAR: 2016-17	
19	1 ST WEEK		SEMESTER EXAMINATIONS - 2016						
20	2 ND WEEK		SEMESTER EXAMINATIONS - 2016						
21	3 RD WEEK		SEMESTER EXAMINATIONS - 2016						

A. Bala Bhavani
SIGNATURE OF THE LECTURER

M. S. S. S.
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S. Ramarajendran
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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: COMPUTER SCIENCE

PAPER: ICT1 COMPUTER FUNDAMENTALS AND OFFICE TOOLS(code:1620203)

CLASS: I B.Sc(MPC) EM, I B.Com TM

NAME OF THE LECTURER: A.TATAJI ,M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER								YEAR: 2016-17	
1	3 RD WEEK	2	Basics of Computers: Definition of computer, Characteristics and Applications of computer		Teaching Class	2			
MONTH: DECEMBER								YEAR: 2016-17	
2	1 ST WEEK	2	Block Diagram of a Digital computer, Classifications of Computer based on size and working		Teaching Class	2			
3	2 ND WEEK	2	Central processing unit and I/o Devices		Teaching Class	2			
4	3 RD WEEK	2	Primary, Auxillary and Cache Memory, Memory Devices		Teaching Class	2			
5	4 TH WEEK	2	Software, Hardware, Firmware and People ware- Definition and Types of Operating System		Teaching Class	2			
6	5 TH WEEK	2	Functions of Operating System MS-DOS- MS Windows		Teaching Class	2			
MONTH: JANUARY								YEAR: 2016-17	
7	1 ST WEEK	2	Desktop, Computer, Documents, pictures, Music, Videos, Recycle Bin Task Bar, -Control Panel		Teaching Class	2			
8	2 ND WEEK	2	MS-WORD: Features of MS-Word, MS_Word window components	Computer System with LCD Projector	Teaching Class	2			
9	3 RD WEEK	0	Pongal Holidays	Computer System with LCD Projector	Teaching Class	0			
10	4 TH WEEK	2	Creating, Editing Formatting and printing of Documents Headers and Footers-Insert/Draw Tables	Computer System with LCD Projector	Teaching Class	2			

MONTH: FEBRUARY								YEAR: 2016-17	
11	1 ST WEEK	2	Table Auto format-Page Borders and Shading,inserting symbols and shapesWord Art, Page Numbers,Equations-Spelling and Grammar-Thesaurus	Computer System with LCD Projector	Teaching Class	2			
12	2 ND WEEK	2	MS-PowerPoint: Features of PowerPoint,Creating a Blank Presentation-Creating Presentation using a Template	Computer System with LCD Projector	Teaching Class	2			
13	3 RD WEEK	2	Inserting and Deleting Slides in a Presentation Adding ClipArt/Pictures, Inserting Other Objects, Audio, Video.	Computer System with LCD Projector	Teaching Class	2			
14	4 TH WEEK	2	Resizing and Scaling of an Object Slide Transition-Custom Animation	Computer System with LCD Projector	Teaching Class	2			
MONTH: MARCH								YEAR: 2016-17	
15	1 ST WEEK	2	Ms_Excel: Overview of Excel Features-Creating a new worksheet, Selecting cells,	Computer System with LCD Projector	Teaching Class	2			
16	2 ND WEEK	2	Entering and editing Text, Numbers,Formulae,Referencing Cells,Inserting Rowa/Columns-	Computer System with LCD Projector	Teaching Class	2			
17	3 RD WEEK	2	Changing column width and row heightsAuto Format,changing font sizvs,colors,shading,Functions, charts	Computer System with LCD Projector	Teaching Class	2			
18	4 TH WEEK	2	REVISION		Teaching Class	2			
MONTH: APRIL								YEAR: 2016-17	
19	1 ST WEEK		SEMESTER EXAMINATIONS - 2016						
20	2 ND WEEK		SEMESTER EXAMINATIONS - 2016						
21	3 RD WEEK		SEMESTER EXAMINATIONS - 2016						


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT:COMPUTER SCIENCE

PAPER: ICT-1 COMPUTER FUNDAMENTALS AND OFFICE TOOLS (Code:1620203)

CLASS: I B.Sc(MPCs.), 1B.A, 1B.com(v2),1B.Com(E.M),1B.sc(CBZ)

NAME OF THE LECTURER: D.MADHU LATHA, M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE		ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER									YEAR: 2016-17
1	3 RD WEEK	2	Basics of Computers: Definition of computer, Characteristics and Applications of computer		Teaching Class	2			
MONTH: DECEMBER									YEAR: 2016-17
2	1 ST WEEK	2	Block Diagram of a Digital computer, Classifications of Computer based on size and working		Teaching Class	2			
3	2 ND WEEK	2	Central processing unit and I/o Devices		Teaching Class	2			
4	3 RD WEEK	2	Primary, Auxiliary and Cache Memory, Memory Devices		Teaching Class	2			
5	4 TH WEEK	2	Software, Hardware, Firmware and Peopleware - Definition and Types of Operating System		Teaching Class	2			
6	5 TH WEEK	2	Functions of Operating System MS-DOS- MS Windows		Teaching Class	2			
MONTH: JANUARY									YEAR: 2016-17
7	1 ST WEEK	2	Desktop, Computer, Documents, pictures, Music, Videos, Recycle Bin Task Bar, -Control Panel		Teaching Class	2			
8	2 ND WEEK	0	Pongal Holidays		Teaching Class	0			
9	3 RD WEEK	2	MS-WORD: Features of MS-Word, MS-Word window components	Computer System with LCD Projector	Teaching Class	2			
10	4 TH WEEK	2	Creating, Editing Formatting and printing of Documents Headers and Footers-Insert/Draw Tables	Computer System with LCD Projector	Teaching Class	2			

MONTH: FEBRUARY							YEAR: 2016-17	
11	1 ST WEEK	2	Table Auto format-Page Borders and Shading,inserting symbols and shapes Word Art, Page Numbers,Equations-Spelling and Grammar-Thesaurus	Computer System with LCD Projector	Teaching Class	2		
12	2 ND WEEK	2	MS-PowerPoint:Features of PowerPoint,Creating a Blank Presentation-Creating Presentation using a Template	Computer System with LCD Projector	Teaching Class	2		
13	3 RD WEEK	2	Inserting and Deleting Slides in a Presentation Adding ClipArt/Pictures, Inserting Other Objects, Audio, Video.	Computer System with LCD Projector	Teaching Class	2		
14	4 th WEEK	2	Resizing and Scaling of an Object Slide Transition-Custom Animation	Computer System with LCD Projector	Teaching Class	2		
MONTH: MARCH							YEAR: 2016-17	
15	1 ST WEEK	2	MS-Excel: Overview of Excel Features-Creating a new worksheet, Selecting cells,	Computer System with LCD Projector	Teaching Class	2		
16	2 ND WEEK	2	Entering and editing Text, Numbers,Formulae,Referencing Cells,Inserting Rowa/Columns-	Computer System with LCD Projector	Teaching Class	2		
17	3 RD WEEK	2	Changing column width and row heightsAuto Format,changing font sizws,colors,shading,Functions, charts	Computer System with LCD Projector	Teaching Class	2		
18	4 th WEEK	2	REVISION		Teaching Class	2		
MONTH: APRIL							YEAR: 2016-17	
19	1 ST WEEK		SEMESTER EXAMINATIONS - 2017					
20	2 ND WEEK		SEMESTER END EXAMINATIONS - 2017					
21	3 rd WEEK		SEMESTER END EXAMINATIONS - 2017					

D. Madhu latha.
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Table – A - Curriculum Plan – Lecturer Wise

Department : Dept. of Computer Science

Paper : Computer Fundamentals and MS Office (Code:1204)

CLASS: I B.Sc. (I Semester)

Year : 2015-16

Name of the Lecturer : M V V Chowdary, M.C.A.,M.Tech.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / 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	
Month: JULY 2015													
1	I Week	3 + 3	Introduction to Computers: What is a Computer, Characteristics of computer, Generations of computers		Teaching Class Practical Class	3 3							
2	II Week	4 + 3	Classification of computers, Basic computer organization, Applications of computers		Teaching Class Practical Class	4 3			Ward Counseling				
3	III Week	4 + 3	Input devices, Output devices		Teaching Class Practical Class	4 3							
4	IV Week	4 + 3	Soft copy devices, Hard copy devices Computer Memory and Processors: Introduction, Memory hierarchy, Processor Registers, Cache Memory		Teaching Class Practical Class	4 3			Ward Counseling				
5	V Week	3 + 3	Primary Memory, Secondary Storage Devices, Magnetic Tapes, Floppy Disks, Hard Disks		Teaching Class Practical Class	3 3							
Month: AUGUST 2015													
6	I Week	3 + 0	Binary Number System: Working with Binary Numbers, Octal Number System		Teaching Class	3							

7	II Week	3 + 0	Hexadecimal Number System, Working with Fractions, Signed Number Representation in Binary Form, BCD Code, Other Codes.		Teaching Class	3			Ward Counseling				
8	III Week	4 + 3	Computer Software: Introduction to Computer Software, Classification of Computer Software, System Software		Teaching Class Practical Class	4 3							
9	IV Week	4 + 3	Application Software. Operating systems: Introduction, Evolution of Operating Systems		Teaching Class Practical Class	4 3			Ward Counseling				
Month: SEPTEMBER 2015													
10	I Week	0	I MID EXAMS		I MID EXAMS	0							
11	II Week	4 + 3	Process Management – Memory Management – File Management – Device Management – Security Management – Command Interpreter – Popular Operating Systems.		Teaching Class Practical Class	4 3			Ward Counseling				
12	III Week	3 + 3	Introduction to Algorithms: Algorithm – Control Structures Used in Algorithms – Some More Algorithms – Flowcharts – Pseudo code.		Teaching Class Assignment Practical Class	2 1 3							
13	IV Week	4 + 3	MS Word: Getting Started – Working with Microsoft Office 2007 – Understanding Word Basics, Editing and Formatting Text, Formatting Documents	Computer System with LCD Projector	Teaching Class Assignment Practical Class	3 1 3			Ward Counseling				
14	V Week	3 + 3	Header and Footer - Mail Merge - Working with Graphic Objects.	Computer System with LCD Projector	Teaching Class Practical Class	3 3							
Month: OCTOBER 2015													
15	I Week	2 + 0	Microsoft Excel: Understanding Excel Basics	Computer System with LCD Projector	Teaching Class	1			Seminar	1			
16	II Week	4 + 0	Revision II MID Exams		Teaching Class	1			Ward Counseling				

17	III Week	4 + 3	Formatting and Editing the Worksheet, Using Formulas and Functions, Working with Charts.	Computer System with LCD Projector	Teaching Class Practical Class	4 3							
18	IV Week	0	DASARA HOLIDAYS		Nil	Nil							
19	V Week	4 + 3	Microsoft PowerPoint: Understanding PowerPoint Basics, Formatting and Modifying Presentations	Computer System with LCD Projector	Teaching Class Practical Class	4 3							
Month: NOVEMBER 2015													
20	I Week	4 + 3	Enhancing the Presentation, Slide Sorter View. Revision	Computer System with LCD Projector	Teaching Class Practical Class	3 3			Seminar	1			
21	II Week	1 + 0	Revision	Computer System with LCD Projector	Teaching Class	1							
22	III Week		Practical Examinations										
23	IV Week		Theory Examinations										



Signature of the Lecturer



Signature of the Department I/C


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 Signature of the Principal

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Table – A - Curriculum Plan – Lecturer Wise

Department : Dept. of Computer Science

Paper : Computer Fundamentals and MS Office (Code:1204)

CLASS: I B.Sc. (I Semester)

Year : 2015-16

Name of the Lecturer : A Bala Bhavani, M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUE ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	
Month: JULY 2015											
1	I Week	3 + 3	Introduction to Computers: What is a Computer, Characteristics of computer, Generations of computers		Teaching Class Practical Class	3 3					
2	II Week	4 + 3	Classification of computers, Basic computer organization, Applications of computers		Teaching Class Practical Class	4 3					
3	III Week	4 + 3	Input devices, Output devices		Teaching Class Practical Class	4 3					
4	IV Week	4 + 3	Soft copy devices, Hard copy devices Computer Memory and Processors: Introduction, Memory hierarchy, Processor Registers, Cache Memory		Teaching Class Practical Class	4 3					
5	V Week	3 + 3	Primary Memory, Secondary Storage Devices, Magnetic Tapes, Floppy Disks, Hard Disks		Teaching Class Practical Class	3 3					
Month: AUGUST 2015											
6	I Week	3 + 0	Binary Number System: Working with Binary Numbers, Octal Number System		Teaching Class	3					

17	III Week	4 + 3	Formatting and Editing the Worksheet, Using Formulas and Functions, Working with Charts.	Computer System with LCD Projector	Teaching Class Practical Class	4 3								
18	IV Week	0	DASARA HOLIDAYS		Nil	Nil								
19	V Week	4 + 3	Microsoft PowerPoint: Understanding PowerPoint Basics, Formatting and Modifying Presentations	Computer System with LCD Projector	Teaching Class Practical Class	4 3								
Month: NOVEMBER 2015														
20	I Week	4 + 3	Enhancing the Presentation, Slide Sorter View. Revision	Computer System with LCD Projector	Teaching Class Practical Class	3 3			Seminar	1				
21	II Week	1 + 0	Revision	Computer System with LCD Projector	Teaching Class	1								
22	III Week		Practical Examinations											
23	IV Week		Theory Examinations											

A. Bala Bhovani
Signature of the Lecturer

M. S. S. S. S.
Signature of the Department I/C

D. S. S. S. S.
Signature of the Principal
PRINCIPAL, V.S.M. COLLEGE (A)
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Table – A - Curriculum Plan – Lecturer Wise

Department : Dept. of Computer Science

Paper : Programming in C (Code:2204)

CLASS: I B.Sc. (II Semester)

Year : 2015-16

Name of the Lecturer : M V V Chowdary, M.C.A.,M.Tech.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / 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	
Month: DECEMBER 2015													
1	I Week	5 2	Programming Languages : Programming Languages – Generations of Programming Languages – Some popular High level languages.		Teaching Class Assignment Practical Class	4 1 2							
2	II 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		Teaching Class Practical Class	4 2			Ward Counseling				
3	III Week	5 2	Keywords – Identifiers – Basic Data Types in C – Variables – Constants – I/O Statements in C		Teaching Class Assignment Practical Class	4 1 2							
4	IV Week	3 2	Operators in C- Programming Examples – Type Conversion and Type Casting		Teaching Class Practical Class	3 2			Ward Counseling				
5	V Week	4 2	Decision Control and Looping Statements: Introduction to Decision Control Statements – Conditional Branching Statements - Iterative Statements		Teaching Class Practical Class	4 2							
Month: JANUARY 2016													
6	I Week	1	Revision MID EXAMS	I	Teaching Class	1							
7	II Week	0	Pongal Holidays		Teaching Class	0							

8	III Week	5 2	Nested Loops - Break and Continue Statement – Go to Statement		Teaching Class Assignment Practical Class	4 1 2								
9	IV Week	4 2	Functions: Introduction – using functions – Function declaration/ prototype – Function definition – function call – return statement – Passing parameters – Scope of variables – Storage Classes – Recursive functions – Type of recursion – Towers of Hanoi – Recursion vs Iteration		Teaching Class Practical Class	4 2			Ward Counseling					
Month: FEBRUARY 2016														
10	I Week	5 2	Arrays: Introduction – Declaration of Arrays – Accessing elements of the Array – Storing Values in Array – Calculating the length of the Array – Operations that can be performed on Array – one dimensional array for inter-function communication		Teaching Class Practical Class	4 2			Quiz	1				
11	II Week	4 2	Dimensional Arrays - Two Dimensional Arrays for inter- function communication – Multidimensional Arrays – Sparse Matrices		Teaching Class Practical Class	4 2			Ward Counseling					
12	III Week	5 2	Strings: Introduction –Suppressive Input – String Taxonomy – String Operations – Miscellaneous String and Character functions		Teaching Class Assignment Practical Class	4 1 2								
13	IV Week	4 2	Pointers: Understanding Computer Memory – Introduction to Pointers – declaring Pointer Variables – Pointer Expressions and Pointer Arithmetic – Null Pointers – Generic Pointers - Passing Arguments to Functions using Pointer – Pointer and Arrays – Passing Array to Function – Difference between Array Name and Pointer – Pointers and Strings		Teaching Class Practical Class	4 2			Ward Counseling					
Month: MARCH 2016														
14	I Week	1	Revision MID EXAMS	II	Teaching Class	1								

15	II Week	3 2	Array of pointers – Pointer and 2D Arrays – Function Pointers – Array of Function Pointer – Pointers to Pointers – Memory Allocation in C Programs – Memory Usage		Teaching Class Practical Class	3 2				Ward Counseling				
16	III Week	5 2	Dynamic Memory Allocation – Drawbacks of Pointers. Structure, Union, and Enumerated Data Types: Introduction – Nested Structures – Arrays of Structures – Structures and Functions – Self referential Structures		Teaching Class Practical Class	4 2			Quiz	1				
17	IV Week	3 0	Union – Arrays of Unions Variables – Unions inside Structures – Enumerated Data Types		Teaching Class Practical Class	3 0			Ward Counseling					
18	V Week	4 2	Files: Introduction to Files – Using Files in C – Reading Data from Files – Writing Data from Files – Detecting the End-of-file – Error Handling during File Operations – Accepting Command Line Arguments – Functions for Selecting a Record Randomly - Remove() – Renaming a File – Creating a Temporary File		Teaching Class Practical Class	4 2								
Month: APRIL 2016														
19	I Week	5 2	Data Structures using C: Define Stack - Stack operations-Define Queue – Queue operations.		Teaching Class Assignment Practical Class	4 1 2								
20	II Week	2 0	Revision		Teaching Class Practical Class	2 0								
21	III Week		Practical Examinations											
22	IV Week		Theory Examinations											


Signature of the Lecturer


Signature of the Department I/C


Signature of the Principal
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Table – A - Curriculum Plan – Lecturer Wise

Department : Dept. of Computer Science

Paper : Programming in C (Code:2204)

CLASS: I B.Sc. (II Semester)

Year : 2015-16

Name of the Lecturer : A Bala Bhavani, M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / 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	
Month: DECEMBER 2015													
1	I Week	5 2	Programming Languages : Programming Languages – Generations of Programming Languages – Some popular High level languages.		Teaching Class Assignment Practical Class	4 1 2							
2	II 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		Teaching Class Practical Class	4 2							
3	III Week	5 2	Keywords – Identifiers – Basic Data Types in C – Variables – Constants – I/O Statements in C		Teaching Class Assignment Practical Class	4 1 2							
4	IV Week	3 2	Operators in C- Programming Examples – Type Conversion and Type Casting		Teaching Class Practical Class	3 2							
5	V Week	4 2	Decision Control and Looping Statements: Introduction to Decision Control Statements – Conditional Branching Statements - Iterative Statements		Teaching Class Practical Class	4 2							
Month: JANUARY 2016													
6	I Week	1	Revision MID EXAMS	I	Teaching Class	1							
7	II Week	0	Pongal Holidays		Teaching Class	0							

15	II Week	3 2	Array of pointers – Pointer and 2D Arrays – Function Pointers – Array of Function Pointer – Pointers to Pointers – Memory Allocation in C Programs – Memory Usage		Teaching Class Practical Class	3 2								
16	III Week	5 2	Dynamic Memory Allocation – Drawbacks of Pointers. Structure, Union, and Enumerated Data Types: Introduction – Nested Structures – Arrays of Structures – Structures and Functions – Self referential Structures		Teaching Class Practical Class	4 2		Quiz	1					
17	IV Week	3 0	Union – Arrays of Unions Variables – Unions inside Structures – Enumerated Data Types		Teaching Class Practical Class	3 0								
18	V Week	4 2	Files: Introduction to Files – Using Files in C – Reading Data from Files – Writing Data from Files – Detecting the End-of-file – Error Handling during File Operations – Accepting Command Line Arguments – Functions for Selecting a Record Randomly - Remove() – Renaming a File – Creating a Temporary File		Teaching Class Practical Class	4 2								
Month: APRIL 2016														
19	I Week	5 2	Data Structures using C: Define Stack - Stack operations-Define Queue – Queue operations.		Teaching Class Assignment Practical Class	4 1 2								
20	II Week	2 0	Revision		Teaching Class Practical Class	2 0								
21	III Week		Practical Examinations											
22	IV Week		Theory Examinations											

A. Bala Bhavani
Signature of the Lecturer

M. S. S. S.
Signature of the Department I/C

D. S. S. S.
Signature of the Principal
PRINCIPAL, V.S.M. COLLEGE (A)
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VSM College(Autonomous) :: Ramachandrapuram

Table – A - Curriculum Plan – Lecturer Wise

Department : Dept. of Computer Science

Paper : Operating System & Diagnostics Tools (ICT) (Code:2006)

CLASS: I B.Sc.(Comp.Sc.) & B.Com.(Voc) (II Semester)

Year : 2015-16

Name of the Lecturer : A Bala Bhavani, M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUE ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	
Month: DECEMBER 2015											
1	I Week	2	Operating System Basics & Installation : Introduction to OS, Types of Operating systems,	Computer System with LCD Projector	Teaching Class	2					
2	II Week	2	System files FAT and NTFS, Dos 6.22, Windows XP, Windows Vista	Computer System with LCD Projector	Teaching Class	2					
3	III Week	2	Windows 7 and Windows 8 and Red Hat Linux and Multi Boot Operating System.	Computer System with LCD Projector	Teaching Class	2					
4	IV Week	1	Various types of Software Installation : MS-Office2003, Office 2007	Computer System with LCD Projector	Teaching Class	1					
5	V Week	1	Photoshop7 & CS5, PageMaker 6.5, Corel-Draw X3	Computer System with LCD Projector	Teaching Class	1					
Month: JANUARY 2016											
6	I Week	0	I MID EXAMS		Teaching Class	0					
7	II Week	0	Pongal Holidays		Teaching Class	0					
8	III Week	2	Auto-CAD, Tally 7.0 and ERP, Acrobat Reader X, Java, Visual Studio	Computer System with LCD Projector	Teaching Class	2					
9	IV Week	2	C & C++, Multimedia software's, and Internet Browsers like IE9,Google Chrome, and Mozilla Firefox etc	Computer System with LCD Projector	Teaching Class	2					
Month: FEBRUARY 2016											
10	I Week	2	Device Installation : Graphics Card, Sound Card, LAN Card, Wireless LAN Card	Computer System with LCD Projector	Teaching Class	2					

11	II Week	2	SCSI Card, External Drive, Flash Cards, Web Camera, CCTV Camera	Computer System with LCD Projector	Teaching Class	2											
12	III Week	2	Mobile Devices, Pen Drive, Firewire Cards, Modem, Plotter, Wireless LAN, Access Point etc .	Computer System with LCD Projector	Teaching Class	2											
13	IV Week	2	Diagnostic Tools & PC Maintenance : Introduction, Virus and its types, Effect of Virus for Computer System	Computer System with LCD Projector	Teaching Class	2											
Month: MARCH 2016																	
14	I Week	0	II MID EXAMS		Teaching Class	0											
15	II Week	1	Scanning and Antivirus Remover tools	Computer System with LCD Projector	Teaching Class	1											
16	III Week	2	Antivirus Utilities for Diagnostic, Safety and Preventive Maintenance Tools, Data Recovery, Concept of Fax and E-mail	Computer System with LCD Projector	Teaching Class	2											
17	IV Week	1	PC care and Maintenance.	Computer System with LCD Projector	Teaching Class	1											
18	V Week	1	Basic Network Introduction & Installation : Overview of Networking, Introduction to networks and networking	Computer System with LCD Projector	Teaching Class	1											
Month: APRIL 2016																	
19	I Week	1	LAN, WLAN, CAN, MAN, WAN	Computer System with LCD Projector	Teaching Class	1											
20	II Week	2	Internet and Intranet etc. Uses and benefits of Network, Server-Client based network, peer to peer networks.	Computer System with LCD Projector	Teaching Class	2											
21	III Week	2	Internet Connection, E-Mail, Cloud Networking, Google Drive, Sky Drive, Drop box etc.	Computer System with LCD Projector	Teaching Class	2											
22	IV Week		Theory Examinations														

A. Bala Bhavani
Signature of the Lecturer

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VSM College(Autonomous) :: Ramachandrapuram

Table – A - Curriculum Plan – Lecturer Wise

Department : Dept. of Computer Science

Paper : Operating System & Diagnostics Tools (ICT) (Code:2006)


CLASS: I B.Sc.(Comp.Sc.) & B.Com.(Voc) (II Semester)

Year : 2015-16

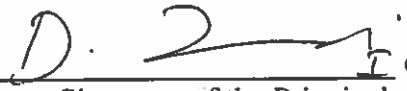
Name of the Lecturer : M Phani Kumar, M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / 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	
Month: DECEMBER 2015													
1	I Week	2	Operating System Basics & Installation : Introduction to OS, Types of Operating systems,	Computer System with LCD Projector	Teaching Class	2							
2	II Week	2	System files FAT and NTFS, Dos 6.22, Windows XP, Windows Vista	Computer System with LCD Projector	Teaching Class	2							
3	III Week	2	Windows 7 and Windows 8 and Red Hat Linux and Multi Boot Operating System.	Computer System with LCD Projector	Teaching Class	2							
4	IV Week	1	Various types of Software Installation : MS-Office2003, Office 2007	Computer System with LCD Projector	Teaching Class	1							
5	V Week	1	Photoshop7 & CS5, PageMaker 6.5, Corel-Draw X3	Computer System with LCD Projector	Teaching Class	1							
Month: JANUARY 2016													
6	I Week	0	I MID EXAMS		Teaching Class	0							
7	II Week	0	Pongal Holidays		Teaching Class	0							
8	III Week	2	Auto-CAD, Tally 7.0 and ERP, Acrobat Reader X, Java, Visual Studio	Computer System with LCD Projector	Teaching Class	2							
9	IV Week	2	C & C++, Multimedia software's, and Internet Browsers like IE9,Google Chrome, and Mozilla Firefox etc	Computer System with LCD Projector	Teaching Class	2							
Month: FEBRUARY 2016													
10	I Week	2	Device Installation : Graphics Card, Sound Card, LAN Card, Wireless LAN Card	Computer System with LCD Projector	Teaching Class	2							

11	II Week	2	SCSI Card, External Drive, Flash Cards, Web Camera, CCTV Camera	Computer System with LCD Projector	Teaching Class	2											
12	III Week	2	Mobile Devices, Pen Drive, Firewire Cards, Modem, Plotter, Wireless LAN, Access Point etc .	Computer System with LCD Projector	Teaching Class	2											
13	IV Week	2	Diagnostic Tools & PC Maintenance : Introduction, Virus and its types, Effect of Virus for Computer System	Computer System with LCD Projector	Teaching Class	2											
Month: MARCH 2016																	
14	I Week	0	II MID EXAMS		Teaching Class	0											
15	II Week	1	Scanning and Antivirus Remover tools	Computer System with LCD Projector	Teaching Class	1											
16	III Week	2	Antivirus Utilities for Diagnostic, Safety and Preventive Maintenance Tools, Data Recovery, Concept of Fax and E-mail	Computer System with LCD Projector	Teaching Class	2											
17	IV Week	1	PC care and Maintenance.	Computer System with LCD Projector	Teaching Class	1											
18	V Week	1	Basic Network Introduction & Installation : Overview of Networking, Introduction to networks and networking	Computer System with LCD Projector	Teaching Class	1											
Month: APRIL 2016																	
19	I Week	1	LAN, WLAN, CAN, MAN, WAN	Computer System with LCD Projector	Teaching Class	1											
20	II Week	2	Internet and Intranet etc. Uses and benefits of Network, Server-Client based network, peer to peer networks.	Computer System with LCD Projector	Teaching Class	2											
21	III Week	2	Internet Connection, E-Mail, Cloud Networking, Google Drive, Sky Drive, Drop box etc.	Computer System with LCD Projector	Teaching Class	2											
22	IV Week		Theory Examinations														


Signature of the Lecturer


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Table – A - Curriculum Plan – Lecturer Wise

Department : Dept. of Computer Science

Paper : Computer Fundamentals and Office Tools (ICT) (Code: 2005)

CLASS: I B.Sc. (II Semester)

Year : 2015-16

Name of the Lecturer : A Tataji, M.C.A.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUE ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS	
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED		WHETHER CONDUCTED
Month: DECEMBER 2015												
1	I Week	2	Basics of Computers : Definition of a Computer - Characteristics and Applications of Computers – Block Diagram of a Digital Computer – Classification of Computers based on size and working – Central Processing Unit – Input, Output		Teaching Class	2						
2	II Week	2	I/O Devices – Primary, Auxiliary and Cache Memory – Memory Devices - Software, Hardware, Firmware and People ware - Definition and Types of Operating System – Functions of an Operating System		Teaching Class	2						
3	III Week	2	MS-DOS: Internal Commands and External Commands MS-Windows – Desktop, Computer, Documents, Pictures, Music, Videos, Recycle Bin, Task Bar – Control Panel		Teaching Class	2						
4	IV Week	1	MS-Word : Features of MS-Word – MS-Word Window Components	Computer System with LCD Projector	Teaching Class	1						
5	V Week	1	Creating, Editing, Formatting and Printing of Documents – Headers and Footers	Computer System with LCD Projector	Teaching Class	1						

Month: JANUARY 2016													
6	I Week	0	I MID EXAMS		Teaching Class	0							
7	II Week	0	Pongal Holidays		Teaching Class	0							
8	III Week	2	Insert/Draw Tables, Table Auto format - Page Borders and Shading – Inserting Symbols, Shapes, Word Art, Page Numbers, Equations – Spelling and Grammar – Thesaurus	Computer System with LCD Projector	Teaching Class	2							
9	IV Week	2	Mail Merge - Macros	Computer System with LCD Projector	Teaching Class	2							
Month: FEBRUARY 2016													
10	I Week	2	MS-PowerPoint : Features of PowerPoint – Creating a Blank Presentation - Creating a Presentation using a Template	Computer System with LCD Projector	Teaching Class	2							
11	II Week	2	Inserting and Deleting Slides in a Presentation – Adding Clip Art/Pictures - Inserting Other Objects, Audio, Video	Computer System with LCD Projector	Teaching Class	2							
12	III Week	2	Resizing and Scaling of an Object – Slide Transition – Custom Animation – Slide Sorter View	Computer System with LCD Projector	Teaching Class	2							
13	IV Week	2	MS-Excel : Overview of Excel features – Creating a new worksheet, Selecting cells, Entering and editing Text, Numbers, Formulae	Computer System with LCD Projector	Teaching Class	2							
Month: MARCH 2016													
14	I Week	0	II MID EXAMS		Teaching Class	0							
15	II Week	1	Referencing cells – Inserting Rows / Columns – Changing column widths and row heights, auto format, changing font sizes, colors, shading and attributes	Computer System with LCD Projector	Teaching Class	1							
16	III Week	2	Data Sorting and Filters – Functions, Functions by category	Computer System with LCD Projector	Teaching Class	2							

17	IV Week	1	Creating different types of Charts – Instant charts with the Chart wizard – Printing, Deleting charts - Graphs	Computer System with LCD Projector	Teaching Class	1								
18	V Week	1	MS-Access : Overview of MS-Access – Creating a Simple Database and Tables – The Access Table Wizard	Computer System with LCD Projector	Teaching Class	1								
Month: APRIL 2016														
19	I Week	1	Creating Database Tables without the wizard – Field Names, Data Types and Properties – Entering and Editing Data: Adding Records, Finding, Sorting and Displaying Data	Computer System with LCD Projector	Teaching Class	1								
20	II Week	2	Queries and Dynasets – Creating and using select Queries - Relational Databases: Types of Relationships, Creating and Deleting Relationships	Computer System with LCD Projector	Teaching Class	2								
21	III Week	2	Printing Reports: Simple table, Form and Database printing.	Computer System with LCD Projector	Teaching Class	2								
22	IV Week		Theory Examinations											

A. Thalage
Signature of the Lecturer

M. S. S. S.
Signature of the Department I/C

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RAMACHANDRAPURAM-533 255, (E.G.Dt.)

V. S. M. COLLEGE(A) : RAMACHANDRAPURAM

CURRICULUM PLAN

Department :COMPUTER SCIENCE

PAPER: II - JAVA AND DATA STRUCTURES

CLASS: II B.Sc. (MPCS)

Name of the Lecturer : A.Tataji

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE											YEAR: 2015-16
1	4 th WEEK	4	Remedial Coaching		Teaching Class	4					
2	5 th WEEK	1	Remedial Coaching		Teaching Class	1					
MONTH: JULY											YEAR: 2015-16
3	1 ST WEEK	3	Fundamentals of Object Oriented programming : Object Oriented paradigm – Basic concepts of Object Oriented Programming Benefits of OOP – Applications of OOP.		Teaching Class	3					
4	2 ND WEEK	4	Java Evolution : Java Features – How Java differs from C and C++ - Java and Internet – Java and World Wide Web		Teaching Class	4			Ward Counseling		
5	3 RD WEEK	4	Web Browsers – Hardware and Software Requirements – Java Environment.		Teaching Class Assignment	3 1					
6	4 TH WEEK	4	Overview of Java Language: Simple Java Program – Java Program Structure – Java Tokens- Java Statements		Teaching Class	4			Ward Counseling		

7	5 TH WEEK	3	Implementing a Java Program – Java Virtual Machine – Command Line Arguments.		Teaching Class	3							
MONTH: AUGUST										YEAR: 2015-16			
8	1 ST WEEK	4	Constants, Variables and Data types: Constants – Variables – Data types – Declaration of Variables-Giving Values to variables- Scope of Variables-Symbolic Constants-Type Casting.		Teaching Class	4							
9	2 ND WEEK	4	Operators and Expressions: Arithmetic Operators – Relational Operators- Logical Operators – Assignment Operators – Increment and Decrement Operators – Conditional Operators – Bitwise Operators – Special Operators .		Teaching Class	4			Ward Counseling				
10	3 RD WEEK	4	Arithmetic Expressions – Evaluation of Expressions – Precedence of Arithmetic Operators – Operator Precedence and Associativity.		Teaching Class Assignment	3 1							
11	4 TH WEEK	4	Decision Making and Branching: Decision Making with If statement – Simple If Statement- If else Statement-Nesting If Else Statement- the ElseIf Ladder-The switch Statement – The ?: operator.		Teaching Class	4			Ward Counseling				
MONTH: SEPTEMBER										YEAR: 2015-16			
12	1 ST WEEK	4	Decision Making and Looping: The while statement – The do statement – The for statement – Jumps in Loops.		Teaching Class	3			Book Reviews	1			
13	2 ND WEEK	4	Class , Objects and Methods: Defining a Class – Fields Declaration – Methods Declaration – Creating Objects – Accessing class members – Constructors ,Methods Overloading – Static Members – Nesting of Methods		Teaching Class	4			Ward Counseling				

14	3 RD WEEK	4	Inheritance – Overriding Methods. Final Variables and Methods – Final Classes – Abstract Methods and Classes – Visibility Control.		Teaching Class Assignment	2 1			Book Reviews	1			
15	4 TH WEEK	3	Arrays, Strings and Vectors: One-dimensional Arrays-creating an Array – Two dimensional Arrays – Strings – Vectors – Wrapper Classes – Enumerated Types.		Teaching Class	3			Ward Counseling				
16	5 TH WEEK	2	Interfaces: Multiple Inheritance : Defining Interfaces – Extending Interfaces-Implementing Interfaces – Accessing Interface Variables.		Teaching Class	2							

MONTH: OCTOBER

YEAR: 2015-16

17	1 ST WEEK	1	Multithreaded Programming: Creating Threads – Extending the Thread Class – Stopping and Blocking a Thread			1							
18	2 ND WEEK	4	Life Cycle of a Thread – Using Thread Methods – Thread Exceptions – Thread Priority – Synchronization. Managing Errors and Exceptions: Types of Errors – Exceptions – Syntax of Exception Handling Code – Multiple Catch Statements-Using Finally Statement – Throwing our own Exceptions – Using Exceptions for debugging.		Teaching Class Assignment	3 1			Ward Counseling				
19	3 RD WEEK	4	Applet Programming: How Applets differ from Applications – Preparing to write Applets – Building Applet Code-Applet Life Cycle.		Teaching Class	3			Quiz	1			
20	4 TH WEEK		Dasara holidays										
21	5 TH WEEK	4	Creating an executable Applet – Designing a WebPage -Applet Tag – Adding Applet to HTML file – Running the Applet .More about Applet Tag – Passing parameters to Applets		Teaching Class Assignment	3 1							

34	4 TH WEEK	4	REVISION		Teaching Class	4																									
35	5 th WEEK	3	REVISION		Teaching Class	3																									
MONTH: FEBRUARY																YEAR: 2015-16															
36	1 ST WEEK	4	REVISION		Teaching Class	4																									
37	2 ND WEEK	4	REVISION		Teaching Class	4																									
38	3 RD WEEK		A.K.N.U. PRACTICAL EXAMINATIONS - 2016																												
39	4 TH WEEK		A.K.N.U. PRACTICAL EXAMINATIONS - 2016																												

A. Thalage
SIGNATURE OF THE LECTURER

M. S. S. S.
SIGNATURE OF THE DEPARTMENT I/C

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V. S. M. COLLEGE(A) : RAMACHANDRAPURAM

CURRICULUM PLAN

Department :COMPUTER SCIENCE

PAPER: II - JAVA AND DATA STRUCTURES

CLASS: II B.Sc. (MPCS)

Name of the Lecturer : A.Bala Bhavani

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE											YEAR: 2015-16
1	4 th WEEK	4	Remedial Coaching		Teaching Class	4					
2	5 th WEEK	1	Remedial Coaching		Teaching Class	1					
MONTH: JULY											YEAR: 2015-16
3	1 ST WEEK	3	Fundamentals of Object Oriented programming : Object Oriented paradigm – Basic concepts of Object Oriented Programming Benefits of OOP – Applications of OOP.		Teaching Class	3					
4	2 ND WEEK	4	Java Evolution : Java Features – How Java differs from C and C++ - Java and Internet – Java and World Wide Web		Teaching Class	4			Ward Counseling		
5	3 RD WEEK	4	Web Browsers – Hardware and Software Requirements – Java Environment.		Teaching Class Assignment	3 1					
6	4 TH WEEK	4	Overview of Java Language: Simple Java Program – Java Program Structure – Java Tokens- Java Statements		Teaching Class	4			Ward Counseling		

7	5 TH WEEK	3	Implementing a Java Program – Java Virtual Machine – Command Line Arguments.		Teaching Class	3									
MONTH: AUGUST											YEAR: 2015-16				
8	1 ST WEEK	4	Constants, Variables and Data types: Constants – Variables – Data types – Declaration of Variables-Giving Values to variables- Scope of Variables-Symbolic Constants-Type Casting.		Teaching Class	4									
9	2 ND WEEK	4	Operators and Expressions: Arithmetic Operators – Relational Operators- Logical Operators – Assignment Operators – Increment and Decrement Operators – Conditional Operators – Bitwise Operators – Special Operators .		Teaching Class	4				Ward Counseling					
10	3 RD WEEK	4	Arithmetic Expressions – Evaluation of Expressions – Precedence of Arithmetic Operators – Operator Precedence and Associativity.		Teaching Class Assignment	3 1									
11	4 TH WEEK	4	Decision Making and Branching: Decision Making with If statement – Simple If Statement- If else Statement-Nesting If Else Statement- the Elself Ladder-The switch Statement – The ?: operator.		Teaching Class	4				Ward Counseling					
MONTH: SEPTEMBER											YEAR: 2015-16				
12	1 ST WEEK	4	Decision Making and Looping: The while statement – The do statement – The for statement – Jumps in Loops.		Teaching Class	3				Book Reviews	1				
13	2 ND WEEK	4	Class , Objects and Methods: Defining a Class – Fields Declaration – Methods Declaration – Creating Objects – Accessing class members – Constructors ,Methods Overloading – Static Members – Nesting of Methods		Teaching Class	4				Ward Counseling					

14	3 RD WEEK	4	Inheritance – Overriding Methods. Final Variables and Methods – Final Classes – Abstract Methods and Classes – Visibility Control.		Teaching Class Assignment	2 1			Book Reviews	1			
15	4 TH WEEK	3	Arrays, Strings and Vectors: One-dimensional Arrays-creating an Array – Two dimensional Arrays – Strings – Vectors – Wrapper Classes – Enumerated Types.		Teaching Class	3			Ward Counseling				
16	5 TH WEEK	2	Interfaces: Multiple Inheritance : Defining Interfaces – Extending Interfaces-Implementing Interfaces – Accessing Interface Variables.		Teaching Class	2							

MONTH: OCTOBER

YEAR: 2015-16

17	1 ST WEEK	1	Multithreaded Programming: Creating Threads – Extending the Thread Class – Stopping and Blocking a Thread			1							
18	2 ND WEEK	4	Life Cycle of a Thread – Using Thread Methods – Thread Exceptions – Thread Priority – Synchronization. Managing Errors and Exceptions: Types of Errors – Exceptions – Syntax of Exception Handling Code – Multiple Catch Statements-Using Finally Statement – Throwing our own Exceptions – Using Exceptions for debugging.		Teaching Class Assignment	3 1			Ward Counseling				
19	3 RD WEEK	4	Applet Programming: How Applets differ from Applications – Preparing to write Applets – Building Applet Code-Applet Life Cycle.		Teaching Class	3			Quiz	1			
20	4 TH WEEK		Dasara holidays										
21	5 TH WEEK	4	Creating an executable Applet – Designing a WebPage -Applet Tag – Adding Applet to HTML file – Running the Applet .More about Applet Tag – Passing parameters to Applets		Teaching Class Assignment	3 1							

34	4 TH WEEK	4	REVISION		Teaching Class	4								
35	5 th WEEK	3	REVISION		Teaching Class	3								
MONTH: FEBRUARY											YEAR: 2015-16			
36	1 ST WEEK	4	REVISION		Teaching Class	4								
37	2 ND WEEK	4	REVISION		Teaching Class	4								
38	3 RD WEEK		A.K.N.U. PRACTICAL EXAMINATIONS - 2016											
39	4 TH WEEK		A.K.N.U. PRACTICAL EXAMINATIONS - 2016											

A. Bala Bhavani
SIGNATURE OF THE LECTURER

M. S. S. S.
SIGNATURE OF THE DEPARTMENT I/C

D. S. S.
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CURRICULUM PLAN

Department : Computer Science

Paper III: Database Management Systems.

CLASS: III B.Sc. (M.P.CS)

Name of the Lecturer : M.V.V.CHOWDARY, M.C.A.,M.Tech.

S.No.	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUE ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	
MONTH: JULY 2015											
1	I Week	1	Database Systems Introduction and Fundamentals: Database Systems: Introducing the database and DBMS, Why the database is important.		Teaching Class	1					
2	II Week	3	Historical Rots: Files and File Systems, Problems with File System Data Management, Database Systems.		Teaching Class	3					
3	III Week	3	Data Models: The importance of Data models, Data Model Basic Building Blocks, Busines Rules, The evolution of Data Models.		Teaching Class	3					
4	IV Week	3	Degrees of Data Abstraction. The Relational Database Model: A logical view of Data, Keys, Integrity Rules, Relational Set Operators		Teaching Class	3					
5	V Week	3	The Data Dictionary and the system catalog, Relationships with in the Relational Database.		Teaching Class	3					

MONTH: AUGUST 2015

6	I Week	3	Data Redundancy revisited, Indexes, Codd's Relational Database Rules.		Teaching Class Assignment	2 1							
7	II Week	3	Data Modeling and Normalization: Entity Relationship Model: The Entity Relationship Model(ERM)		Teaching Class	3							
8	III Week	3	Developing ER Diagram, Database Design Challenges: Conflicting Goals.		Teaching Class	3							
9	IV Week	3	Advanced Data Modeling: The Extended Entity Relationship Model, Entity clustering, Entity integrity: Selecting Primary keys, Design Cases: Learning Flexible Database Design		Teaching Class	2			Quiz	1			
10	V Week	1	Normalization of Database tables: Database Tables and Normalization		Teaching Class	1							

MONTH: SEPTEMBER 2015

11	I Week	2	The need for Normalization, The Normalization Process		Teaching Class	2							
12	II Week	3	Improving the Design, Surrogate Key Considerations, Higher level Normal Forms		Teaching Class	3							
13	III Week	3	Normalization and Database Design, Denormalization.		Teaching Class Assignment	1 1			Study Project	1			
14	IV Week	2	Interaction with Databases and Construction of Information System: Introduction to SQL: Data Definiton Commands		Teaching Class	2							
15	V Week	2	Data Manipulation Commands		Teaching Class	2							

MONTH: OCTOBER 2015

16	I Week	1	Select queries		Teaching Class	1							
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17	II Week	3	Advanced Data Definiton Commands, Advanced Select queries, Virtual Tables, Joining Database Tables.		Teaching Class	3								
18	III Week	3	Advanced SQL: Relational Set Operators, SQL Join Operators		Teaching Class	3								
19	IV Week	0	Dasara Holidays		Teaching Class	0								
20	V Week	3	Subqueries and Correlated Queries, SQL Functions		Teaching Class	3			Study Project	1				


MONTH: NOVEMBER 2015

21	I Week	3	Oracle Sequences, Updatable Views, Procedural SQL		Teaching Class	3								
22	II Week	2	Embedded SQL		Teaching Class	2								
23	III Week	3	Database Design: The Information System, The Systems Development Life Cycle,		Teaching Class	2			Quiz	1				
24	IV Week	3	The Database Life Cycle, Database Design Strategies, Centralized Vs Decentralized design.		Teaching Class	3								
25	V Week	1	Transaction Management and Concurrency Control: What is transaction?		Teaching Class	1								


MONTH: DECEMBER 2015

26	I Week	2	Concurrency control, Concurrency control with locking Methods		Teaching Class	2								
27	II Week	3	Concurrency control with Time Stamping Methods, Concurrency control with Optimistic Methods, Database Recovery Management. Distributed Database Management Systems: The evolution of Distributed Database Management Systems, DDBMS Advantages and Disadvantages		Teaching Class	3								
28	III Week	0	Half-Yearly Examinations		Teaching Class	0								

29	IV Week	2	Distributed Processing and Distributed Databases, Characteristics of Distributed Database Management Systems, DDBMS Components		Teaching Class	2											
30	V Week	2	Levels of Data and Process distribution, Distributed Database Transparency Features, Distribution Transparency		Teaching Class	2											
MONTH: JANUARY 2016																	
31	II Week	3	Transaction Transparency, Performance Transparency and Query Optimization, Distributed Database Design, Client/Server VS DDBMS.		Teaching Class	3											
32	III Week		PONGAL HOLIDAYS														
33	IV Week	3	REVISION		Teaching Class	2				Quiz	1						
34	V Week	2	REVISION		Teaching Class	2											
MONTH: FEBRUARY 2016																	
35	I Week	3	REVISION		Teaching Class	1											
					Test	2											
36	II Week	3	REVISION		Teaching Class	2											
					Test	1											
37	III Week		PRACTICAL EXAMINATIONS - 2016														
38	IV Week		PRACTICAL EXAMINATIONS - 2016														


Signature of the Lecturer


Signature of the Department I/C


Signature of the Principal
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CURRICULUM PLAN

Department : Computer Science

Paper III: Database Management Systems.

CLASS: III B.Sc. (M.P.CS)

Name of the Lecturer : A Bala Bhavani, M.C.A.

S.No.	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUE ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	
MONTH: JULY 2015											
1	I Week	1	Database Systems Introduction and Fundamentals: Database Systems: Introducing the database and DBMS, Why the database is important.		Teaching Class	1					
2	II Week	3	Historical Rots: Files and File Systems, Problems with File System Data Management, Database Systems.		Teaching Class	3					
3	III Week	3	Data Models: The importance of Data models, Data Model Basic Building Blocks, Busines Rules, The evolution of Data Models.		Teaching Class	3					
4	IV Week	3	Degrees of Data Abstraction. The Relational Database Model: A logical view of Data, Keys, Integrity Rules, Relational Set Operators		Teaching Class	3					
5	V Week	3	The Data Dictionary and the system catalog, Relationships with in the Relational Database.		Teaching Class	3					

MONTH: AUGUST 2015

6	I Week	3	Data Redundancy revisited, Indexes, Codd's Relational Database Rules.		Teaching Class Assignment	2 1							
7	II Week	3	Data Modeling and Normalization: Entity Relationship Model: The Entity Relationship Model(ERM)		Teaching Class	3							
8	III Week	3	Developing ER Diagram, Database Design Challenges: Conflicting Goals.		Teaching Class	3							
9	IV Week	3	Advanced Data Modeling: The Extended Entity Relationship Model, Entity clustering, Entity integrity: Selecting Primary keys, Design Cases: Learning Flexible Database Design		Teaching Class	2			Quiz	1			
10	V Week	1	Normalization of Database tables: Database Tables and Normalization		Teaching Class	1							

MONTH: SEPTEMBER 2015

11	I Week	2	The need for Normalization, The Normalization Process		Teaching Class	2							
12	II Week	3	Improving the Design, Surrogate Key Considerations, Higher level Normal Forms		Teaching Class	3							
13	III Week	3	Normalization and Database Design, Denormalization.		Teaching Class Assignment	2 1			Study Project	1			
14	IV Week	2	Interaction with Databases and Construction of Information System: Introduction to SQL: Data Definiton Commands		Teaching Class	2							
15	V Week	2	Data Manipulation Commands		Teaching Class	2							

MONTH: OCTOBER 2015

16	I Week	1	Select queries		Teaching Class	1							
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17	II Week	3	Advanced Data Definiton Commands, Advanced Select queries, Virtual Tables, Joining Database Tables.		Teaching Class	3								
18	III Week	3	Advanced SQL: Relational Set Operators, SQL Join Operators		Teaching Class	3								
19	IV Week	0	Dasara Holidays		Teaching Class	0								
20	V Week	3	Subqueries and Correlated Queries, SQL Functions		Teaching Class	3			Study Project	1				

MONTH: NOVEMBER 2015

21	I Week	3	Oracle Sequences, Updatable Views, Procedural SQL		Teaching Class	3								
22	II Week	2	Embedded SQL		Teaching Class	2								
23	III Week	3	Database Design: The Information System, The Systems Development Life Cycle,		Teaching Class	2			Quiz	1				
24	IV Week	3	The Database Life Cycle, Database Design Strategies, Centralized Vs Decentralized design.		Teaching Class	3								
25	V Week	1	Transaction Management and Concurrency Control: What is transaction?		Teaching Class	1								

MONTH: DECEMBER 2015

26	I Week	2	Concurrency control, Concurrency control with locking Methods		Teaching Class	2								
27	II Week	3	Concurrency control with Time Stamping Methods, Concurrency control with Optimistic Methods, Database Recovery Management. Distributed Database Management Systems: The evolution of Distributed Database Management Systems, DDBMS Advantages and Disadvantages		Teaching Class	3								
28	III Week	0	Half-Yearly Examinations		Teaching Class	0								

29	IV Week	2	Distributed Processing and Distributed Databases, Characteristics of Distributed Database Management Systems, DDBMS Components		Teaching Class	2								
30	V Week	2	Levels of Data and Process distribution, Distributed Database Transparency Features, Distribution Transparency		Teaching Class	2								
MONTH: JANUARY 2016														
31	II Week	3	Transaction Transparency, Performance Transparency and Query Optimization, Distributed Database Design, Client/Server VS DDBMS.		Teaching Class	3								
32	III Week		PONGAL HOLIDAYS											
33	IV Week	3	REVISION		Teaching Class	2			Quiz	1				
34	V Week	2	REVISION		Teaching Class	2								
MONTH: FEBRUARY 2016														
35	I Week	3	REVISION		Teaching Class	1								
					Test	2								
36	II Week	3	REVISION		Teaching Class	2								
					Test	1								
37	III Week		PRACTICAL EXAMINATIONS - 2016											
38	IV Week		PRACTICAL EXAMINATIONS - 2016											

A. Bala Bhavani
Signature of the Lecturer

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CURRICULUM PLAN

Department :COMPUTER SCIENCE

PAPER: IV - WEB TECHNOLOGIES

CLASS: III B.Sc. (MPCS)

Name of the Lecturer : A.Tataji

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES 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	

MONTH: JUNE

YEAR: 2015-16

1	4 th WEEK	3	Remedial Coaching		Teaching Class	3							
2	5 th WEEK	1	Remedial Coaching		Teaching Class	1							

MONTH: JULY

YEAR: 2015-16

3	1 ST	1	Introduction: HTML.		Teaching Class	1							
4	2 ND WEEK	3	XML, and the World Wide Web.Basic HTML, The Document body, Text, Hyperlinks.		Teaching Class	3							
5	3 RD WEEK	3	Adding more formatting, Lists.Basic HTML:Tables.		Teaching Class	3							
6	4 TH WEEK	3	Using colors and images with examples.		Teaching Class	3							
7	5 TH WEEK	3	Images.More HTML:Multimedia objects, Frames.		Teaching Class	3							

MONTH: AUGUST

YEAR: 2015-16

8	1 ST WEEK	3	Forms-towards interactivity,XHTML-evolutionary markup.	An	Teaching Class	3							
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9	2 ND WEEK	3	Introduction to the Style Sheets and Java Scripts: Cascading Style Sheets: Using styles: Simple examples, Defining your own styles		Teaching Class	3							
10	3 RD WEEK	3	Introduction to the Style Sheets and Java Scripts: Cascading Style Sheets: Properties and values in styles, Style sheets A worked example.		Teaching Class	3							
11	4 TH WEEK	3	Introduction to the Style Sheets and Java Scripts: Style sheets- A worked example, Formatting blocks of information, Layers.		Teaching Class	3							
12	5 TH WEEK	1	Javascript: Mathematical functions		Teaching class	1							

MONTH: SEPTEMBER

YEAR: 2015-16

13	1 ST WEEK	2	Statements, Operators		Teaching Class	2							
14	2 ND WEEK	3	Functions.		Teaching Class	3							
15	3 RD WEEK	3	Arrays		Teaching Class	2			study projects	1			
16	4 TH WEEK	2	Objects in Java Script and DHTML: Data and objects in java script.		Teaching Class	2							
17	5 TH WEEK	2	Regular expressions		Teaching Class	1			study projects	1			

MONTH: OCTOBER

YEAR: 2015-16

18	1 ST WEEK	1	Regular expressin functions.		Teaching class	1							
19	2 ND WEEK	3	Exception Handling		Teaching Class	3							

20	3 RD WEEK	3	Data and objects in java script: Built in objects.		Teaching Class	3								
21	4 th WEEK		Dasara holidays											
22	5 th WEEK	3	Dynamic HTML with Java Script: Data validation,Events.		Teaching Class	3								

MONTH: NOVEMBER

YEAR: 2015-16

23	1 ST WEEK	3	Opening a new window, Messages and Confirmations		Teaching Class	3								
24	2 ND WEEK	2	Dynamic HTML with Java Script: A text-only menu system, Floating logos.		Teaching class	2								
25	3 RD WEEK	3	Active Server Pages and Java: Active Server Pages, Java.		Teaching Class	3								
26	4 th WEEK	3	java servlets and java.		Teaching Class	3								
27	5 TH WEEK	1	XML: Defining Data for Web applications		Teaching Class	1								

MONTH: DECEMBER

YEAR: 2015-16

28	1 ST WEEK	2	XML:Basic XML - Document type definition, XML schema.		Teaching class	2								
29	2 ND WEEK	3	Good Design: Structure,Document Object Model, Presenting.		Teaching Class	3								
30	3 RD WEEK	3	Half-Yearly Exams		Teaching Class	3								
31	4 TH WEEK	2	Tables versus Frames		Teaching Class	2								

32	5 TH WEEK	2	XML: Accessibility, Internationalization, Exercises.		Teaching Class	2								
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MONTH: JANUARY

YEAR: 2015-16

33	1 ST WEEK	2	REVISION		Teaching Class	2								
34	2 ND WEEK	3	REVISION		Teaching Class	2		Quiz	1					
35	3 RD WEEK		PONGAL HOLIDAYS											
36	4 TH WEEK	3	REVISION		Teaching Class	2		Quiz	1					
37	5 TH WEEK	2	REVISION			2								

MONTH: FEBRUARY

YEAR: 2015-16

38	1 ST WEEK	3	REVISION		Teaching Class	3								
39	2 ND WEEK	3	REVISION		Teaching Class	3								
40	3 RD WEEK		A.K.N.U. PRACTICAL EXAMINATIONS - 2016											
41	4 TH WEEK		A.K.N.U. PRACTICAL EXAMINATIONS - 2016											

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