CURRICULAR PLAN

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **PAPER : DBMS** **MONTH : AUG**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				REMORKS
				ACTIVITY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT, ALTER-NATE DATE	ACTIVITY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTER-NATED DATE	
1ST WEEK												
2ND WEEK												
3RD WEEK	4	Introduction to data, infor-mation, database, database management systems, file-based system, Drawbacks of file-Based System,	PPT	PRACTICAL	4+2	YES		OPEN DAY				
4TH WEEK	4	database approach, Classification of Database Management Sys-tems,	NOTES GIVEN	PRACTICAL	4+1	YES		ASSIGNMENT	1			

SIGNATURE OF THE LECTURER **PRINCIPAL**

CURRICULAR PLAN

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **PAPER : DBMS** **MONTH : SEPT**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				REMORKS
				ACTIVITY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT, ALTER-NATE DATE	ACTIVITY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTER-NATED DATE	
1ST WEEK	4	Aadvantages of database ap-proach, Various Data Mod-els,Components of Database Management System,	WORK-SHEETS	TEACHING PRACTI-CAL	4+2	YES		IDENTIFIED STUDENTS MERIT	1			
2ND WEEK	3	Three schema architecture of da-ta base, costs and risks of data-base approach.	ASSIGN-MENT	TEACHING PRACTI-CAL	4+2	YES		PPT PRE-PARATON	1			
3RD WEEK	4	Introduction, the building blocks of an entity relationship diagram, classification of entity sets,	PC ASSEM-BLING	TEACHING PRACTI-CAL	4+1	YES		STUDENT SEMINAR	1			
4TH WEEK	4	Attribute classification, relation-ship degree, relationship classifi-cation,	MONITOR-ING SLOW LEARNERS	TEACHING PRACTI-CAL	4+2	YES		MID -1 EX-AM	1			

SIGNATURE OF THE LECTURER **PRINCIPAL**

CURRICULAR PLAN

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **PAPER : DBMS** **MONTH : OCT 23**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE ALLOTTED	WHETHER CONDUCT-ED	IF NOT, ALTER-NATE DATE	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCT-ED	IF NOT , ALTER-NATED DATE	REMORKS
1ST WEEK	4	Reducing ER diagram to tables, enhanced entity-relationship model (EER model),	STUDENT MATERIAL	TEACHING PRACTI-CAL	4 +2	YES		ASSIGN-MENT	1			
2ND WEEK	3	Generalization and specializa-tion, IS A relationship and at-tribute inheritance, multiple inheritance, constraints on spe-cialization and generalization, advantages of ER modeling.	QUIZ	TEACHING PRACTI-CAL	4+2	YES		SEMINAR	1			
3RD WEEK	4	**Relational Model:** Introduction, CODD Rules, relational data mod-el, concept of key, relational integ-rity, relational algebra, relational algebra operations, advantages of relational algebra,	PPT	TEACHING PRACTI-CAL	4+2	YES		QUIZ	1			
4TH WEEK	4	limitations of relational algebra, relational calculus, tuple relational calculus, domain relational Calcu-lus (DRC), Functional dependen-cies and normal forms upto 3rd normal form.	PPT	TEACHING PRACTI-CAL	4+2	YES		ASSIGN-MENT	1			

SIGNATURE OF THE LECTURER **PRINCIPAL**

CURRICULAR PLAN

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **PAPER : DBMS** **MONTH : NOV 23**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				REMORKS
				ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCT-ED	IF NOT, ALTER-NATE DATE	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCT-ED	IF NOT , ALTER-NATED DATE	
1ST WEEK	4	Introduction, History of SQL Standard, Commands in SQL, Da-ta Types in SQL,	MCQS	TEACHING PRACTI-CAL	4 +1	YES		MID -2 EX-AM	1			
2ND WEEK	3	Data Definition Lan-guage,Selection Operation, Projection Operation, Aggre-gate functions, Data Manipula-tion Language,	IMP.QUEST IONS	TEACHING PRACTI-CAL	4	YES		ASSIGN-MENT	1			
3RD WEEK	4	**Table Modification Commands, Join Operation, Set Operations, View, Sub Query.Introduction, Shortcomings of SQL,**	PPT	TEACHING PRACTI-CAL	4			SEMIANAR	1			
4TH WEEK	4	Structure of PL/SQL, PL/SQL Language Elements, Data Types , Operators Precedence, Control Structure, Steps to Create a PL/SQL, Program, Iterative Control, Procedure, Function, Database Triggers, Types of Triggers.	PPT	TEACHING PRACTI-CAL	4+2			HOPE TEST	3			

SIGNATURE OF THE LECTURER **PRINCIPAL**

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **MONTH :OCT 23** **V SEM** **Web Interface Designing Technologies**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE ALLOTTED	WHETHER CONDUCTED	IF NOT, AL-TERNATE DATE	ACTIVITY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTERNAT-ED DATE	REMORKS
1ST WEEK	3+2	HTML: Introduction to web de-signing,	WORK-SHEETS	TEACHING PRACTI-CAL	4+2	YES		IDENTI-FIED STU-DENTS MERIT	1			
2ND WEEK	3+2	difference between web applica-tions and desktop applications, introduction to HTML,	ASSIGN-MENT	TEACHING PRACTI-CAL	4+2	YES		PPT PRE-PARATON	1			
3RD WEEK	3+2	HTML structure, elements, attrib-utes, headings, paragraphs, styles, colours, HTML formatting, Quota-tions,	PC ASSEM-BLING	TEACHING PRACTI-CAL	4+1	YES		STUDENT SEMINAR	1			
4TH WEEK	3+2	Comments, images, tables, lists, blocks and classes, HTML CSS, HTML frames, file paths, layout, symbols, HTML responsive.	MONITOR-ING SLOW LEARNERS	TEACHING PRACTI-CAL	4+2	YES		MID -1 EXAM	1			

SIGNATURE OF THE LECTURER **PRINCIPAL**

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **MONTH :NOV 23** **V SEM** **Web Interface Designing Technologies**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE AL-LOTTED	WHETHER CONDUCTED	IF NOT, AL-TERNATE DATE	ACTIVITY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTERNAT-ED DATE	REMOR KS
1ST WEEK	3+2	HTML forms: HTML form elements, input types, input attributes, HTML5, HTML graphics, HTML media – video, audio, plug INS, you tube.	STUDENT MATERIAL	TEACHING PRACTICAL	4 +2	YES		ASSIGN-MENT	1			
2ND WEEK	3+2	HTML API'S: Geo location, Drag/ drop, local storage, HTML SSE.	QUIZ	TEACHING PRACTICAL	4+2	YES		SEMINAR	1			
3RD WEEK	3+2	CSS: CSS home, introduction, syntax, colours, back ground, borders, margins, padding, height/width, text, fonts, icons, tables, lists, position, over flow, float, CSS combinators,	PPT	TEACHING PRACTICAL	4+2	YES		QUIZ	1			
4TH WEEK	3+2	pseudo class, pseudo elements, opacity, tool tips, image gallery, CSS forms, CSS counters, CSS responsive	PPT	TEACHING PRACTICAL	4+2	YES		ASSIGN-MENT	1			

SIGNATURE OF THE LECTURER **PRINCIPAL**

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO				MONTH :DEC 23		V SEM		Web Interface Designing Technologies				
MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				REMORKS
				ACTIVITY	HOUSE ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTER-NATED DATE	
1ST WEEK	3+2	Client side Validation: Introduc-tion to JavaScript - What is DHTML, JavaScript, basics, varia-bles, string manipulations,	STUDENT MATERIAL	TEACH-ING PRACTI-CAL	4 +2	YES		ASSIGN-MENT	1			
2ND WEEK	3+2	mathematical functions, state-ments, operators, arrays, func-tions.	QUIZ	TEACH-ING PRACTI-CAL	4+2	YES		SEMINAR	1			
3RD WEEK	3+2	Objects in JavaScript - Data and objects in JavaScript, regular ex-pressions, exception handling.	PPT	TEACH-ING PRACTI-CAL	4+2	YES		QUIZ	1			
4TH WEEK	3+2	DHTML with JavaScript - Data validation, opening a new win-dow, messages and confirma-tions, the status bar, different frames, rollover buttons, moving images.	PPT	TEACH-ING PRACTI-CAL	4+2	YES		ASSIGN-MENT	1			

SIGNATURE OF THE LECTURER **PRINCIPAL**

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **MONTH :JAN 23** **V SEM** **Web Interface Designing Technologies**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE ALLOTTED	WHETHER CONDUCTED	IF NOT, AL-TERNATE DATE	ACTIVITY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTERNAT-ED DATE	REMORKS
1ST WEEK	3+2	Word press: Introduction to word press, servers like wamp, bitnami e.tc	MCQS	TEACHING PRACTI-CAL	4 +1	YES		MID -2 EXAM	1			
2ND WEEK	3+2	installing and configuring word press, understanding admin pan-el,	IMP.QUEST IONS	TEACHING PRACTI-CAL	4	YES		ASSIGN-MENT	1			
3RD WEEK	3+2	working with posts and pages, using editor, text formatting with shortcuts,	PPT	TEACHING PRACTI-CAL	4			SEMIANAR	1			
4TH WEEK	3+2	, working with media-Adding, ed-iting, deleting media elements, working with widgets, menus.	PPT	TEACHING PRACTI-CAL	4+2			HOPE TEST	3			

SIGNATURE OF THE LECTURER **PRINCIPAL**

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **MONTH :OCT 23** **V SEM** **Course 7A: Web Applications Development using PHP & MYSQL**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE ALLOTTED	WHETHER CONDUCT-ED	IF NOT, ALTER-NATE DATE	ACTIVI-TY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTER-NATED DATE	REMORKS
1ST WEEK	3+2	The Building blocks of PHP: Vari-ables, Data Types, Operators and Expressions, Constants	WORK-SHEETS	TEACH-ING PRACTI-CAL	4+2	YES		IDENTI-FIED STU-DENTS MERIT	1			
2ND WEEK	3+2	Flow Control Functions in PHP: Switching Flow, Loops, Code Blocks and Browser Output.	ASSIGN-MENT	TEACH-ING PRACTI-CAL	4+2	YES		PPT PRE-PARAT ON	1			
3RD WEEK	3+2	Working with Functions: What is function?, Calling functions, De-fining Functions, Returning the values from User-Defined Func-tions,	PC ASSEM-BLING	TEACH-ING PRACTI-CAL	4+1	YES		STU-DENT SEMI-NAR	1			
4TH WEEK	3+2	, Variable Scope, Saving state between Function calls with the static statement, more about arguments.	MONITOR-ING SLOW LEARNERS	TEACH-ING PRACTI-CAL	4+2	YES		MID -1 EXAM	1			

SIGNATURE OF THE LECTURER **PRINCIPAL**

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **MONTH :NOV 23** **V SEM** **Course 7A: Web Applications Development using PHP & MYSQL**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE ALLOTTED	WHETHER CONDUCTED	IF NOT, AL-TERNATE DATE	ACTIVI-TY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTERNAT-ED DATE	REMORKS
1ST WEEK	3+2	Working with Arrays: What are Arrays? Creating Arrays, Some Array-Related Functions.	STUDENT MATERIAL	TEACHING PRACTI-CAL	4 +2	YES		AS-SIGNM ENT	1			
2ND WEEK	3+2	Working with Objects: Creating Objects, Object Instance Working with Strings, Dates and Time:	QUIZ	TEACHING PRACTI-CAL	4+2	YES		SEMI-NAR	1			
3RD WEEK	3+2	Formatting strings with PHP, In-vestigating Strings with PHP	PPT	TEACHING PRACTI-CAL	4+2	YES		QUIZ	1			
4TH WEEK	3+2	Manipulating Strings with PHP, Using Date and Time Functions in PHP	PPT	TEACHING PRACTI-CAL	4+2	YES		AS-SIGNM ENT	1			

SIGNATURE OF THE LECTURER **PRINCIPAL**

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO	**MONTH :DEC 23**	**V SEM**	**Course 7A: Web Applications Development using PHP & MYSQL**

MONTH & WEEK	**HOURS AVAIL-ABLE**	**SYLLABUYS TOPIC**	**ADDITION-AL INPUT VALUAE ADDITION**	**CURRICULAR ACTIVITY**				**CO- CURRICULAR ACTIVITY**				
				ACTIVITY	**HOUSE ALLOTTED**	**WHETHER CONDUCTED**	**IF NOT, AL-TERNATE DATE**	**ACTIVI-TY**	**HOURS ALLOT-TED**	**WHETHER CONDUCT-ED**	**IF NOT , ALTERNAT-ED DATE**	**REMORKS**
1ST 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,	STUDENT MATERIAL	TEACHING PRACTI-CAL	4 +2	YES		AS-SIGNM ENT	1			
2ND WEEK	3+2	Redirecting the user, Sending Mail on Form Submission, and Working with File Uploads. Work-ing with Cookies and User Ses-sions: Introducing Cookies, Setting a Cookie with PHP	QUIZ	TEACHING PRACTI-CAL	4+2	YES		SEMI-NAR	1			
3RD WEEK	3+2	Session Function Overview, Starting a Session, Working with session variables, passing session IDs in the Query String,	PPT	TEACHING PRACTI-CAL	4+2	YES		QUIZ	1			
4TH WEEK	3+2	Destroying Sessions and Un-setting Variables, Using Sessions in an Environment with Regis-tered Users.	PPT	TEACHING PRACTI-CAL	4+2	YES		AS-SIGNM ENT	1			

SIGNATURE OF THE LECTURER **PRINCIPAL**

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **MONTH :JAN 23** **V SEM** **Course 7A: Web Applications Development using PHP & MYSQL**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE AL-LOTTED	WHETHER CONDUCTED	IF NOT, AL-TERNATE DATE	ACTIVI-TY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTERNAT-ED DATE	REMORKS
1ST WEEK	3+2	Working with Files and Directories: Including Files with inclue(), Vali-dating Files, Creating and Deleting Files, Opening a File for Writing, Reading or Appending, Reading from Files, Writing or Appending to a File, Working with Directories, Open Pipes to and from Process Using popen(), Running Com-mands with exec(), Running Com-mands with system() or passthru().	MCQS	TEACHING PRACTI-CAL	4 +1	YES		MID -2 EXAM	1			
2ND WEEK	3+2	Working with Images: Understand-ing the Image-Creation Process, Necessary Modifications to PHP, Drawing a New Image, Getting Fancy with Pie Charts, Modifying Existing Images, Image Creation from User Input.	IMP.QUESTI ONS	TEACHING PRACTI-CAL	4	YES		ASSIGN-MENT	1			
3RD WEEK	3+2	Interacting with MySQL using PHP: MySQL Versus MySQLi Functions, Connecting to MySQL with PHP, Working with MySQL Data. Cre-ating an Online Address Book: Planning and Creating Database Tables,	PPT	TEACHING PRACTI-CAL	4			SEMI-ANAR	1			
4TH WEEK	3+2	Creating Menu, Creating Record Addition Mechanism, Viewing Rec-ords, Creating the Record Deletion Mechanism, Adding Sub-entities to a Record.	PPT	TEACHING PRACTI-CAL	4+2			HOPE TEST	3			

SIGNATURE OF THE LECTURER **PRINCIPAL**

ANNUAL CURRICULAR PLAN

OBJECT ORIENTED PROGRAMMING USING JAVA

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **MONTH :JAN 24** **IV SEM** **PAPER : OBJECT ORIENTED PROGRAMMING USING JAVA**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE AL-LOTTED	WHETHER CONDUCTED	IF NOT, AL-TERNATE DATE	ACTIVI-TY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTERNAT-ED DATE	REMORKS
1ST WEEK	3+2	Introduction to Java: Features of Java, The Java virtual Machine, Parts of Java										
2ND WEEK	3+2	Naming Conventions and Data Types: Naming Conventions in Java, Data Types in Java, Literals										
3RD WEEK	3+2											
4TH WEEK	3+2	Operators in Java: Operators, Priority of Operators Control Statements in Java: if... else Statement, do... while Statement, while Loop, for Loop, switch Statement, break Statement, continue Statement, return Statement										

SIGNATURE OF THE LECTURER **PRINCIPAL**

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **MONTH : FEB 24** **IV SEM** **PAPER : OBJECT ORIENTED PROGRAMMING USING JAVA**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE AL-LOTTED	WHETHER CONDUCTED	IF NOT, AL-TERNATE DATE	ACTIVI-TY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTERNAT-ED DATE	REMORKS
1ST WEEK	3+2	Input and Output: Accepting Input from the Keyboard, Reading Input with Ja-va.util.Scanner Class, Displaying Output with System. out. printf(), Displaying Formatted Output with String. format()										
2ND WEEK	3+2	Arrays: Types of Arrays, Three Dimen-sional Arrays (3D array), array name. length, Command Line Arguments										
3RD WEEK	3+2	Strings: Creating Strings, String Class Methods, String Comparison, Immutabil-ity of Strings Introduction to OOPs: Prob-lems in Procedure Oriented Approach, Features of Object Oriented Programming System (OOPS) Classes and Objects: Object Creation, Initializing the Instance Variables, Access Specifiers, Construc-tors										
4TH WEEK	3+2	Methods in Java: Method Header or Method Prototype, Method Body, Understanding Methods, Static Methods, Static Block, The keyword „this", Instance Methods, Passing Primitive Data Types to Methods, Passing Objects to Methods, Passing Arrays to Methods, Recursion, Factory Methods Inheritance: Inheritance, The keyword „super", The Protected Specifier, Types of Inheritance										

SIGNATURE OF THE LECTURER **PRINCIPAL**

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **MONTH : MAR 24** **IV SEM** **PAPER : OBJECT ORIENTED PROGRAMMING USING JAVA**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE AL-LOTTED	WHETHER CONDUCTED	IF NOT, AL-TERNATE DATE	ACTIVI-TY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTERNAT-ED DATE	REMORKS
1ST WEEK	3+2	Polymorphism: Polymorphism with Variables, Polymorphism using Methods, Polymorphism with Static Methods, Polymorphism with Private Methods, Polymorphism with Final Methods, final Class Type Casting: Types of Data Types, Casting Primitive Data Types, Casting Referenced Data Types, The Object Class										
2ND WEEK	3+2	Abstract Classes: Abstract Method and Abstract Class Interfaces: Interface, Multiple Inheritance using Interfaces Packages: Package, Different Types of Packages, The JAR Files, Interfaces in a Package, Creating Sub Package in a Package, Access Specifiers in Java, Creating API Document Exception Handling: Errors in Java Program, Exceptions, throws Clause, throw Clause, Types of Exceptions, Re – throwing an Exception										
3RD WEEK	3+2	Streams: Stream, Creating a File using FileOutputStream, Reading Data from a File uingFileInputStream, Creating a File using FileWriter, Reading a File using FileReader, Zipping and Unzipping Files, Serialization of Objects, Counting Number of Characters in a File, File Copy, File Class										
4TH WEEK	3+2											

SIGNATURE OF THE LECTURER **PRINCIPAL**

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **MONTH :APRIL 24** **IV SEM** **PAPER : OBJECT ORIENTED PROGRAMMING USING JAVA**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE AL-LOTTED	WHETHER CONDUCTED	IF NOT, AL-TERNATE DATE	ACTIVI-TY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTERNAT-ED DATE	REMORKS
1ST WEEK	3+2	Threads: Single Tasking, Multi Tasking, Uses of Threads, Creating a Thread and Running it, Terminating the Thread, Single Tasking Using a Thread, Multi Tasking Using Threads, Mul-tiple Threads Acting on Single Object,										
2ND WEEK	3+2	Thread Class Methods, Deadlock of Threads, Thread Communication, Thread Priorities, thread Group, Daemon Threads, Applications of Threads, Thread Life Cycle										
3RD WEEK	3+2	Database Servers, Database Clients, JDBC (Java Database Connectivity), Working with Oracle Database, Working with MySQL Database, Stages in a JDBC Program, Registering the Driver, Con-necting to a Database, Preparing SQL Statements, Using jdbc										
4TH WEEK	3+2	odbc Bridge Driver to Connect to Oracle Database, Retrieving Data from MySQL Database, Retrieving Data from MS Ac-cess Database, Stored Procedures and CallableStatements, Types of Result Sets										

SIGNATURE OF THE LECTURER **PRINCIPAL**

OPERATING SYSTEMS

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **MONTH :JAN 24** **IV SEM** **PAPER : OPERATING SYSTEMS**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE AL-LOTTED	WHETHER CONDUCTED	IF NOT, AL-TERNATE DATE	ACTIVI-TY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTERNAT-ED DATE	REMORKS
1ST WEEK	3+2	What is Operating System? History and Evolution of OS, Basic OS functions, Resource Abstraction,										
2ND WEEK	3+2	Types of Operating Systems– Multipro-gramming Systems, Batch Systems, Time Sharing Systems;										
3RD WEEK	3+2											
4TH WEEK	3+2	Operating Systems for Personal Computers, Workstations and Hand-held Devices, Process Control & Real time Systems.										

SIGNATURE OF THE LECTURER **PRINCIPAL**

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **MONTH :FEB 24** **IV SEM** **PAPER : OPERATING SYSTEMS**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE AL-LOTTED	WHETHER CONDUCTED	IF NOT, AL-TERNATE DATE	ACTIVI-TY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTERNAT-ED DATE	REMORKS
1ST WEEK	3+2	Processor and User Modes, Kernels, System Calls and System Programs, System View of the Process and Resources,										
2ND WEEK	3+2	Process Abstraction, Process Hierarchy, Threads, Threading Issues										
3RD WEEK	3+2	Thread Libraries; Process Scheduling, Non-Preemptive and Preemptive Scheduling Algorithms.										
4TH WEEK	3+2	Process Management: Deadlock, Deadlock Characterization, Necessary and Sufficient Conditions for Deadlock, Deadlock Handling Approaches: Deadlock Prevention, Deadlock Avoidance and Deadlock Detection and Recovery										

SIGNATURE OF THE LECTURER **PRINCIPAL**

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **MONTH : MAR 24** **IV SEM** **PAPER : OPERATING SYSTEMS**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE AL-LOTTED	WHETHER CONDUCTED	IF NOT, AL-TERNATE DATE	ACTIVI-TY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTERNAT-ED DATE	REMORKS
1ST WEEK	3+2	Concurrent and Dependent Processes, Critical Section, Semaphores, Methods for Interprocess Communication;										
2ND WEEK	3+2	Process Synchronization, Classical Process Synchronization Problems: Producer-Consumer, Reader-Writer.										
3RD WEEK	3+2	Memory Management: Physical and Virtual Address Space; Memory Allocation Strategies										
4TH WEEK	3+2	Fixed and -Variable Partitions, Paging, Segmentation, Virtual Memory.										

SIGNATURE OF THE LECTURER **PRINCIPAL**

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **MONTH : APRIL 24** **IV SEM** **PAPER : OPERATING SYSTEMS**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE AL-LOTTED	WHETHER CONDUCTED	IF NOT, AL-TERNATE DATE	ACTIVI-TY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTERNAT-ED DATE	REMORKS
1ST WEEK	3+2	File and I/O Management, OS security : Directory Structure, File Operations, File Allocation Methods, Device Manage-ment,										
2ND WEEK	3+2	Pipes, Buffer, Shared Memory, Security Policy Mechanism, Protection, Authenti-cation and Internal Access Authorization										
3RD WEEK	3+2	Introduction to Android Operating System, Android Development Frame-work, Android Application Architecture										
4TH WEEK	3+2	Android Process Management and File System, Small Application Development using Android Development Framework										

SIGNATURE OF THE LECTURER **PRINCIPAL**

PROBLEM SOLVING & PROGRAMMING IN C

DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **MONTH : JAN 24** **II SEM** **PAPER : OPERATING SYSTEMS**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE AL-LOTTED	WHETHER CONDUCTED	IF NOT, AL-TERNATE DATE	ACTIVI-TY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTERNAT-ED DATE	REMORKS
1ST WEEK	3+2	Introduction, Basic block diagram and functions of various components of computer, Concepts of Hardware and software, Types of software, Compiler and interpreter,										
2ND WEEK	3+2	Concepts of Machine level, Assembly level and high-levelprogramming, Flowcharts and Algorithms										
3RD WEEK	3+2											
4TH WEEK	3+2	Flowcharts and Algorithms										

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DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **MONTH : FEB 24** **II SEM** **PAPER : OPERATING SYSTEMS**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE AL-LOTTED	WHETHER CONDUCTED	IF NOT, AL-TERNATE DATE	ACTIVI-TY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTERNAT-ED DATE	REMORKS
1ST WEEK	3+2	: History of C, Features of C, C Tokens-variables and keywords and identifiers, constants and Data types,										
2ND WEEK	3+2	Rules for constructing variable names, Operators, Structure of C program, Input / output statements in C-Formatted and Unformatted I/O										
3RD WEEK	3+2	Control statements: Decision making statements: if, if else, else if ladder, switch statements										
4TH WEEK	3+2	Loop control statements: while loop, for loop and do-while loop.										

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DEPARTMENT : COMPUTER SCIENCE

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MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE AL-LOTTED	WHETHER CONDUCTED	IF NOT, AL-TERNATE DATE	ACTIVI-TY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTERNAT-ED DATE	REMORKS
1ST WEEK	3+2	Loop control statements: while loop, for loop and do-while loop.										
2ND WEEK	3+2	Jump Control statements: break,continue and goto.										
3RD WEEK	3+2	Arrays: One Dimensional arrays - Declaration, Initialization and Memory representation										
4TH WEEK	3+2	Two Dimensional arrays -Declaration, Initialization and Memory representation.										

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DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **MONTH : MAR 24** **II SEM** **PAPER : OPERATING SYSTEMS**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE AL-LOTTED	WHETHER CONDUCTED	IF NOT, AL-TERNATE DATE	ACTIVI-TY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTERNAT-ED DATE	REMORKS
1ST WEEK	3+2	Strings: Declaring & Initializing string variables; String handling functions, Character handling functions										
2ND WEEK	3+2	Function Prototype, definition and call-ing. Return statement. Nesting of func-tions. Categories of functions. Recursion, Parameter Passing by address & by value. Local and Global variables										
3RD WEEK	3+2	Storage classes: automatic, external, static and register.										
4TH WEEK	3+2	Pointer data type, Pointer declaration, initialization, accessing values using pointers. Pointer arithmetic. Pointers and arrays, pointers and functions.										

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DEPARTMENT : COMPUTER SCIENCE

NAME OF THE LECTURER : P.TRINADHA RAO **MONTH : APRIL 24 II SEM** **PAPER : OPERATING SYSTEMS**

MONTH & WEEK	HOURS AVAIL-ABLE	SYLLABUYS TOPIC	ADDITION-AL INPUT VALUAE ADDITION	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
				ACTIVITY	HOUSE AL-LOTTED	WHETHER CONDUCTED	IF NOT, AL-TERNATE DATE	ACTIVI-TY	HOURS ALLOT-TED	WHETHER CONDUCT-ED	IF NOT , ALTERNAT-ED DATE	REMORKS
1ST WEEK	3+2	Introduction, Functions-malloc, calloc, realloc, free										
2ND WEEK	3+2	Basics of structure, structure members, accessing structure members, nested structures,										
3RD WEEK	3+2	array of structures, structure and functions, structures and pointers.										
4TH WEEK	3+2	Unions - Union definition; difference between Structures and Unions										

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