

The South Indian Association's **The S.I.A. College of Higher Education** Affiliated to University of Mumbai Accredited B+ by NAAC P-88, MIDC Residential Area Dombivli Gymkhana Road, Near Balaji Mandir, Dombivli (East), 421203.

#### Department of Information Technology and Mathematics

#### Year 2016-17

• Teaching Plan (Semester I, III, V & Semester II, IV, VI)

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	TEACHING PLAN 2016-1/		
SEMESTER:	I SUBJECT:Digital Electronics	COURSE: B.S	C.(I.I)
NAME OF TEACHER:	Mrs. Tejaswini Shivsharan	CLASS:	

IONITU	TODIC	SUB-TOPIC	NO.OF LECTURES	CIURES	REWIANAS
MONIH	IUPIC	300 10110	PLANNED	TAKEN	
		Number System:			
		Analog System, digital system, numbering system, binary number	10	80	Com pluted
		system, octal number system, hexadecimal			
		number system, conversion		T	
		from one number system to another, floating			
		point numbers, weighted			
		codes binary coded decimal, non-weighted			
		codes Excess – 3 code, Gray			
		code, Alphanumeric codes – ASCII Code,			
		EBCDIC, ISCII Code,		T	54
		Hollerith Code, Morse Code, Teletypewriter	10	08	Contra
Ainr	Child at	(TTY), Error detection			
		and correction, Universal Product Code, Code			
		conversion.			
		Binary Arithmetic:	1		
		Binary addition, Binary subtraction, Negative		Ì	
		number representation,			
		Subtraction using 1's complement and 2's			
		complement, Binary			
		multiplication and division, Arithmetic in octal			
		number system,			T
		Arithmetic in hexadecimal number system, BCD			
		and Excess – 3			
		authmotic			

		August	-	September					T	Sontemant								August												
		Unit-III																	11-14 11											
Subtractors, BCD Subtractor, Multiplier, Comparator.	Adder, Binary	Arithmetic Circuits:	converters design and implementations	Combinational circuits, Code	Introduction, Multi-input, multi-output	Combinational Logic Circuits:	Method.	Quine Mc Cluskey	and obtain K-map from Boolean expression,	expression using K-map	for product of sum form, minimize Boolean	variables in K-maps, K-maps	2/3/4/5/6 variable K-maps, Grouping of	Karnaugh maps –	of maxterm form, Reduction technique using	form, maxterm and Product	Introduction, minterms and sum of minterm	Minterm, Maxterm and Karnaugh Maps:	bubbled logic, Assertion level.	universal gates, Input	gates, Implementation of other gates using	gates, Universal Logic	given circuit, exclusive OR and Exclusive NOR	Boolean expression from	expression using Boolean Algebra, Deriving	Reduction of Logic	Laws, De Morgan's Theorem, Perfect Induction,	theorems, Boolean	Introduction, Logic (AND OR NOT), Boolean	Boolean Algebra and Logic Gates:
																											0			
		20	N			20					20						02									0	e x			
		Comp	2000			Comp.		T					2	6	2											Cert	3			t
		M				M								muley	1.1.1							1 00				1000	muluted			

Faculty Member September September Unit-IV Unit-V Multiplexer, Demultiplexer, ALU, Encoder and Decoder: Sequential Circuits: Flip-Flop: Introduction, Multiplexer, Demultiplexer E conversion from one type of flip-flop to Race-around condition, Master - slave JK flip D flip-fop, JK flipflop, Introduction, Terminologies used, S-R flip-flop, Decoder, ALU, Encoders Counters: another, Application of flipflops. flop, T flip-flop, Synchronous counter ICs, Analysis of counter counter, Bushing, Type T related to counters, IC Introduction, Asynchronous counter, Terms displays, analysis of shift Shift Register: 7490, IC 7492, Design, Type JK Design, Presettable counter, IC 7493 (4-bit binary counter), Synchronous Convener counters sequence generator, IC7495, Seven Segment Pseudo-random binary parallel-out, Ring counter, out, serial-in parallel-out , parallel-in shifting, serial-in serialcircuits. Johnson counter, Applications of shift registers, Introduction, parallel and shift registers, serial Principal V 40 R Completion E

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FACELTY	AUGUST	1
	Unit-VI	
CO-ORDINATOR	Configuring Web server-Apache web server, SSI,CGI,configuring system with SSL System Administration utilities	the second s
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IPAU Higher Education LI (E)		

SEMESTER		CURIECT: Importation Deconoming	COURSE:		8.Sc.I.T.	
NAME OF TEACHER:	EACHER:	Mrs. Nandini Kadam	CLASS:	1-	Y.B.Sc.I.T.	
MONTH	TOPIC	SUB-TOPIC	NO.OF LECTURES	CTURES	REMARKS	REVIEWED BY
			PLANNED	TAKEN		
		Types of Programming languages, History, features and application. Simple program logic, program development cycle, pseudocode statements and flowchart symbols, sentinel value to end a program,			1 non	月
July	Unit I	programming and user environments, evolution of programming models., desirable program characteristics	4	04	X	
		Structure of a program. Compilation and Execution of a Program,				/
		Character Set, identifiers and keywords, data types, constants, variables and arrays, declarations, expressions, statements, Variable definition,		04		户
		symbolic constants.	4		-	
		Operators and Expressions:			-	
		Arithmetic operators, unary operators, relational and logical operators,			_	E
		assignment operators, assignment operators, the conditional operator,		01	_	t
July	Unit II	library functions.	8	40		
		Data Input and output: Single character input and output,			_	A
		entering input data, scanf function, printf function, gets and puts		40		F
August	Unit II	functions, interactive programming.	00			
		Conditional Statements and Loops: Decision Making Within A Program,				户
	Unit III	Else Statement, Loops: While Loop, Do While, For Loop. Nested Loops,		06.	/	
August		Infinite Loops, Switch Statement	4			

WTS. Nandini Kadam       SUB-TOPIC       CLASS:       F.         Overview, defining a function, accessing a function, passing arguments to a function, specifying argument data types, function prototypes, recursion, modular programming and functions, standard library of c functions, prototype of a function: foo1lal parameter list, return type, function call, block structure, passing arguments to a function: call by reference, call by value.       PLANNED       TAKEN         Program structure:       Storage classes, automatic variables, external variables, static variables, multifile programs, more library functions, multidimensional       02         Arrays:       Preprocessor: Features, #define and #include, Directives and Macros       4       02         Arrays:       Definition, processing, passing arrays to functions, multidimensional       4       02         Pointers:       Pointers:       A       02         Arrays:       A strings       4       04         V passing functions and Pointers, Arrays And Pointers, Pointer Arrays, as and strings       8       8				A	B	Crocking
C       WITS. Nandini Kadam       SUB-TOPIC       CLASS:       F.Y.B.         Overview, defining a function, accessing a function, passing arguments to a function, specifying argument data types, function prototypes, recursion, modular programming and functions, standard library of c function call, block structure, passing arguments to a function: call by reference, call by value.       Planned function: collal parameter list, return type, function call, block structure, passing arguments to a function: call by reference, call by value.       Quadratic variables, external variables, static variables, multifile programs, more library functions, multidimensional A OIL, arrays:       Quadratic variables, arrays to functions, multidimensional A OIL, arrays, arrays and strings       Quadratic variables, and #include, Directives and Macros       A OIL, arrays, A OIL, and A OIL, and A OIL, and A OIL, arrays, arrays and strings			00	Fundamentals, declarations, Pointers Address Operators, Pointer Type Declaration, Pointer Assignment, Pointer Initialization, Pointer Arithmetic, Functions and Pointers, Arrays And Pointers, Pointer Arrays, passing functions to other functions	unit V	September October
Mrrs. Nandini Kadam       C       COrror.       C       COrror.       F.Y.B.       Corror.       F.Y.B.       Corror.       Prencing and function, passing arguments to a function prototypes, functions, prototypes, function call, block structure, passing arguments to a function: call by eadine.       Preprogram structure.       Program structure.       A       Q       Q       A       Q       A       Q       A       Q       A       Q       A       Q       A       Q       A       Q       A       Q       A       Q       A       Q       A       Q       A       Q       A       Q       A       Q       A       Q       A </td <td>_</td> <td></td> <td></td> <td>Pointers:</td> <td></td> <td></td>	_			Pointers:		
MITS. Nandini Kadam       SUB-TOPIC       CLASS:       F.Y.B.         Overview, defining a function, accessing a function, passing arguments to a function, specifying argument data types, function prototypes, recursion, modular programming and functions, standard library of c functions, prototype of a function: foolal parameter list, return type, function call, block structure, passing arguments to a function: call by reference, call by value.       Program structure;         Storage classes, automatic variables, multifile programs, more library functions, teatures, #define and #include, Directives and Macros       4       02         Preprocessor: Features, #define and #include, Directives and Macros       4       02		04.	4	arrays, arrays and strings	unit IV	september
C       Subscript       CLASS:       F.Y.B.         C       SUB-TOPIC       NO.OF LECTURES       NO.OF LECTURES         Overview, defining a function, accessing a function, passing arguments to a function, specifying argument data types, function prototypes, recursion, modular programming and functions, standard library of c function call, block structure, passing arguments to a function: call by reference, call by value.       PLANNED       TAKEN         Program structure:       Storage classes, automatic variables, external variables, static variables, multifile programs, more library functions,       02       02         Preprocessor: Features, #define and #include, Directives and Macros       4       02       02				Arrays:		
C       SUB-TOPIC       NO.OF LECTURES         Overview, defining a function, accessing a function, passing arguments to a function, specifying argument data types, function prototypes, functions, prototype of a function: foo1lal parameter list, return type, function call, block structure, passing arguments to a function: call by value.       PLANNED       TAKEN         Program structure:       Program structure:       4       02         Storage classes, automatic variables, multifile programs, more library functions,       02       02		Mo p		Preprocessor: Features, #define and #include, Directives and Macros		
WITS. Nandini Kadam       SUB-TOPIC       CLASS:       F.Y.B.         Overview, defining a function, accessing a function, passing arguments to a function, specifying argument data types, function prototypes, recursion, modular programming and functions, standard library of c functions, prototype of a function: foo1lal parameter list, return type, function call, block structure, passing arguments to a function: call by reference, call by value.       4		02		Storage classes, automatic variables, external variables, static variables, multifile programs, more library functions,		
WTS. Nandini Kadam       SUB-TOPIC       CLASS:       F.Y.B.         Overview, defining a function, accessing a function, passing arguments to a function, specifying argument data types, function prototypes, recursion, modular programming and functions, standard library of c functions, prototype of a function: foo1lal parameter list, return type, function: call by value.       PLANNED       TAKEN	1			Program structure:		
C WITS. Nandini Kadam CLASS: F.Y.B. C SUB-TOPIC NO.OF LECTURES Overview. defining a function of the state of	Down		4	a function, specifying argument data types, function, passing arguments to recursion, modular programming and functions, standard library of c functions, prototype of a function: foo1lal parameter list, return type, function call, block structure, passing arguments to a function: call by reference, call by value.	Unit III	september
C SUB-TOPIC NO.OF LECTURES		TAKEN		Overview defining a financia		
C Mrs. Nandini Kadam CLASS:	REMARKS	CTURES	NO.OF LE	SUB-TOPIC		
MIS. Nandini Kadan	Y.B.Sc.I.T.	F.V	CLASS:		TOPIC	MONTH
Couper-	B.Sc.I.T.		COURSE:	Mrs. Nandini Kada-	CHER:	NAME OF TEACHER:

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SEMESTER: NAME OF TEACHER: MONTH	I SUBJECT:DIS MRS.VANDANA SANDEEP JADHAV TOPIC UNIT I	CRETE MATHEMATICS SUB-TOPIC	CLASS: NO.OF		OURSE: LASS: NO.OF LECTURES
	C - C - C - C - C - C - C - C - C - C -		PLAN	NED	PLANNED TAKEN
Jul-16	Introduction:	Variables, The Language of Sets, The Language of Relations and Function	3		03
JUL-AUG-16	Set Theory	Definitions and the Element Method of Proof, Properties of Sets, Disproofs, Algebraic Proofs, Boolean Algebras, Russell's Paradox and the Haiting Problem.	л		0 5
Aug-16	The Logic of Compound Statements	Logical Form and Logical Equivalence, Conditional Statements, Valid and Invalid Arguments		4	4 04
	UNIT II				
Aug-16	Quantified Statements	Predicates and Quantified Statements, Statements with Multiple Quantifiers, Arguments with Quantified Statements		U	5 04
Aug-16	Elementary Numbe Theory and Methods of Proof	Elementary NumberIntroduction to Direct Proofs, RationalTheory andNumbers, Divisibility, Division into Cases andMethods of ProofCeiling, Indirect Argument: Contradiction andContraposition, Two Classical Theorems,Applications in algorithms.	N		3.

FACULTY Hindland 340-16 Counting and Probability Multiplication Rule, Possibility Trees and the Introduction, Possibility Trees and the Pigeonhole Principle, Counting Subsets of a Disjoint Sets: The Addition Rule, The Multiplication Rule, Counting Elements of Set: Combinations, r-Combinations with Repetition Allowed, Probability Axioms and Bayes' Formula, and Independent Events. Expected Value, Conditional Probability, CO-ORDINATOR E 12 -5 1 stan The S.I.A. College of Higher Education DOMBIVLI (E) PRINCIPAL F

SEMESTER:	-	SUBJECT: OS	COURSE:	Infor	Information Technology	
NAME OF TEACHER:		Sandhya Pandey	CLASS:		F.T. BSC 1.1.	L
MONITU	TOBIC	SUB-TOPIC	NO.OF LEG	LECTURES	REMARKS	REVIEWED BY
LINCIAL	IOTIC		PLANNED	TAKEN		
ylul	Unit I	Introduction: What is an operating system? History of operating system, computer hardware, different	12	12	Completed	\
		operating systems, operating system concepts, system calls, operating system structure. Processes and Threads: Processes, threads, interprocess communication, scheduling, IPC problems.				F
July/August	Unit II	Memory Management: No memory abstraction, memory abstraction: address spaces, virtual memory, page replacement algorithms, design issues for paging	12	12	Completed	国
		systems, implementation issues, segmentation. <b>File Systems:</b> Files, directories, file system implementation, file-system management and optimization, MS-DOS file system, UNIX V7 file system, CD ROM file system.				
August /Septembery Unit III	Unit III	Input-Output: Principles of I/O hardware, Principles of I/O software, I/O software layers, disks, clocks, user interfaces: keyboard, mouse, monitor, thin clients, power management, Deadlocks: Resources, introduction to deadlocks, the ostrich algorithm, deadlock detection and recovery, deadlock avoidance, deadlock prevention,	. 12	12	comple ted	Sandry

issues.

**TEACHING PLAN 2016-17** 

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HINOW	TOPIC				
		SOB-LOPIC	NO.OF LECTURES	REMARKS	REVIEWED BY
August/September	Unit IV	<ul> <li>Virtualization and Cloud: History, requirements for virtualization, type 1 and 2 hypervisors, techniques for efficient virtualization, hypervisor microkernels, memory Multiple Processor Systems Multiprocessors, multicomputers, distributed systems.virtualization, I/O virtualization, Virtual appliances, virtual machines on multicore CPUs, Clouds.</li> <li>Multiple Processor Systems: Multiprocessors, multicomputers, distributed systems.</li> </ul>	12 05	Running	
September	Unit V	Case Study on LINUX and ANDROID: History of Unix and Linux, Linux Overview, Processes in Linux, Memory management in Linux, I/O in Linux, Linux file system, security in Linux. Android Case Study on Windows: History of windows through Windows 10, programming windows, system structure, processes and threads in windows, memory management, caching in windows, I/O in windows. Windows NT file system. Windows	12	yet to te	

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SEMESTER:	-	SUBJECT: Imperative Programming	COURSE:		B.Sc.I.T.	
NAME OF TEACHER:	ACHER:	Mrs. Nandini Kadam	CLASS:	F.	F.Y.B.Sc.I.T.	
MONTH	TOPIC	SUB-TOPIC	NO.OF LECTURES	CTURES	REMARKS	REVIEWED BY
			PLANNED	TAKEN		
		Types of Programming languages, History, features and application.				
		Simple program logic, program development cycle, pseudocode				1
		statements and flowchart symbols, sentinel value to end a program,			None	F
		programming and user environments, evolution of programming		20		
July	Unit I	models., desirable program characteristics	4	01		
		Structure of a program. Compilation and Execution of a Program,				
		Character Set, identifiers and keywords, data types, constants, variables				=
		and arrays, declarations, expressions, statements, Variable definition,		40		12
		symbolic constants.	4			
		Operators and Expressions:				
		Arithmetic operators, unary operators, relational and logical operators,			_	=\
		assignment operators, assignment operators, the conditional operator,		> 1	_	Ta
July	Unit II	library functions.	00	07		
		Data Input and output: Single character input and output,			_	Tel
		entering input data, scanf function, printf function, gets and puts		· ro		T
August	Unit II	functions, interactive programming.	8			
		Conditional Statements and Loops: Decision Making Within A Program,				FI
	Unit III	Conditions, Relational Operators, Logical Connectives, If Statement, If-			/	
		Else Statement, Loops: While Loop, Do While, For Loop. Nested Loops,		06.	/	
August		Infinite Loops, Switch Statement	4			

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			00	Fundamentals, declarations, Pointers Address Operators, Pointer Type Declaration, Pointer Assignment, Pointer Initialization, Pointer Arithmetic, Functions and Pointers, Arrays And Pointers, Pointer Arrays, passing functions to other functions	unit V	September October
E		04.	4	Definition, processing, passing arrays to functions, multidimensional arrays, arrays and strings Pointers:	unit IV	september
		<b>B</b> oy	4	Preprocessor: Features, #define and #include, Directives and Macros Arrays:		
E		02		Storage classes, automatic variables, external variables, static variables, multifile programs, more library functions,		
				Program structure:		
18-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2	Dant		4	Overview, defining a function, accessing a function, passing arguments to a function, specifying argument data types, function prototypes, recursion, modular programming and functions, standard library of c functions, prototype of a function: foo1lal parameter list, return type, function call, block structure, passing arguments to a function: call by reference, call by value.	Unit III	september
NEVIEWED -	KEMIAKAS	TAKEN	PLANNED TAKEN	SUB-TOPIC	TOPIC	MONTH
BEVIEWED BY	F.Y,B.Sc.I.T.		CLASS:	Mrs. Nandini Kadam	ACHER:	NAME OF TEACHER:
	B.Sc.I.T.		COURSE:	SUBJECT: Imperative Programming	-	SEMESTER:

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SEMESTER:	Ξ	SUBJECT: OOPS	COURSE:	Informati	Information Technology	
NAME OF TEACHER:		Sandhya Pandey	CLASS:	5.1	5.Y. BSC 1.1.	
MONTH	TOBIC	SUB-TOPIC	NO.OF L	FLECTURES	REMARKS	<b>REVIEWED BY</b>
MONIN	IUPIC		PLANNED	TAKEN		
June	Unit I	Introduction to OOPs:Need object oriented	8	8	Completed	1
		programming, comparison of procedural and object				M
		oriented approach, characteristics of OOPs – object,				
		classes, polymorphism, inheritance, reusability, data				
		hiding and abstraction, applications of OOPs		>		10 I.S.
June/July	Unit II	Classes and Objects:Class declaration, constructors,	00	0	Completed	1
		constructor initialization lists, access initiations, provide				te
		destructor ,constant objects, structures, pointers to				
		objects, static data members, static function members				
ylut	Unit III	Operator Overloading: overloading the assignment operator, the this pointer, overloading arithmetic	8	00	Completed	E
		operators, overloading the arithmetic assignment,				
		operators, overloading the relational operators				
		, overloading the stream operators, conversion operators				
		overloading the subscript operator				

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M	Compresed	5	ω	Practical 1 Programs with classes and Private member Functions	Practical 1	June
1						
		ED TAKEN	PLANNED			
				300-10110	IOPIC	MONIN
REVIEWED BI	REMAKKS	CTURES	NO.OF LECTURES	CI IR_TODIC	TODIC	A DAITL
DEVIEWED BY	4					
			CENTRA.	Sandhya Pandey		NAME OF TEACHER:
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1					III	SEMESTER:
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hnology	-formation Tack					

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	Ione		PLANNED	TAKEN		
June	Practical 1	Programs with classes and Private member Functions	ω	w	completed	F
					· · · · · ·	
July	Practical 2,3	Practical 2,3 Programs with classes with friend Functions, Constructor	б	دی	Computed	F
		and Constructor overidading		,		
July/August	Practical 4,5	Practical 4,5 Programs with classes with operator overloading,	6	נס	Completed	F
		Inheritance				
August	Practical 6,7	Practical 6,7 Programs with method overriding, virtual Functions,	6	3	Completed	E
		Abstract Class, string functions				k
September	Practical 8,9	Practical 8,9 Programs with Exception Handling, File Handling	ω	60	Completed	
September	Practical 10	Practical 10 Programs with template classes library	ω	S	completed	

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Subject :	LOGIC & DISCRETE MATHEMATICS		Class		STI	1
Month	Tonic	Sub-Topic	No. of Lectures	ectures	Remarks	Reviewe d By
	-		Planned	Taken		
JUNE	Unit -1					V
	Set theory	Fundementals, Venn diagram, Operations on sets	4	4		F
		Laws of set theory, Power sets and	2	N		
		The Principle of Inclusion-Exclusion	3	2	-	
	Logic	Propositions and logical operations, Truth tables	2	2	Cond	M
		Equivalence, implications, Laws of logic, Normal forms, Predicates and quantifiers	3	Ń		E
		Mathematical induction	3	5	-	
JULY	Unit-2					
	Relations and Digraphs	Product sets and partitions, relations and digraphs, paths in relations and digraphs. Properties of relations	2	N		F
2		Equivalence and partially ordered relations, computer representation of relations and digraphs	4	N		E

	U	2	1	codes and group codes	
1994		দ	2	Homomorphism, automorphism, cyclic	
E		Г	-		Algebraic Structures
V				.	Unit-V
		-	2	Weighted trees and prefix codes	
11		-	2	Trees,rooted trees,pathlength in rooted trees,spanning tree and minimal spanning trees.Isomorphism of trees	
k	-	-	-	Planar graphs,coloring graphs,Isomorphism of graphs	
		-	-	Graphs,Euler path circuits,Hamiltonian paths a	Graphs and Trees
					AUGUST
		U	2	Pigeon hole principle	
E	Yr	w w	ω	Pigeon Hole Definitions and types of functions:Injective,surjective and b ijective,composition,identity and inverse	Functions and Pig principle
+	-				Unit-III
		6	5	Lattice	
	F	ω	ω	Posets and Hasse diagrams	Lattice
E	-	w	2	Manipulation of relations, Transitive closure and Warshall's algorithm	

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THE SIA JENN W	CONTRACTOR MICE	Fibonacci	Solving differential Equations	Recurrence relations, Applications	Series & sequences, Generating functions		Rings, Integral domains and fields, Ring homomorphism and isomorphism
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1		04	4	Animation		September
A		04	4	Object rendering	Unit VI	
El		04	4	Introduction to visible and hidden surfaces		
Z		40	4	Introduction to curves	Unit V	August
1		05	4	Filling algorithms		
te		05	4	viewing & clipping	Unit IV	August
E		. 80	00	3D transformation	Unit III	July
1=1		06.	00	2D transformation	Unit II	July
E		03.	. 4	Scan conversion of graphics primitives		July
H		40	4	Introduction to computer graphics & primitive algorithms	Unit I	Jun
		TAKEN	PLANNED			
REVIEWED BY	REMARKS	TURES	NO.OF LECTU	SUB-TOPIC	TOPIC	MONTH
	S.Y.B Sc.LT.		CLASS:	Mrs. Nandini Kadam		NAME OF TEACHER:
	8.5c.1.7.		COURSE:	SUBJECT: Computer Graphics	III	SEMESTER:

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IC         SUB-TOPIC         NO.OFI           ured Query         Writing Basic SQL Select Statements,         PLANNEE           Restricting and Sorting Data,         Single-Row Functions,         Joins(Displaying Data from Multiple Tables),         40           Aggregating Data sorting Data,         Subqueries,         Including Constraints,         10           Creating and Managing Tables,         Including Constraints,         10           Creating Other Database Objects(Sequences, Indexes and Synonyms)         10         10           Subqueries in FROM clause,         10         10           Vanced SQL:         Controlling User Access,         10         10           Subqueries in FROM clause,         Subqueries,         10         10           Subqueries in FROM clause,         10         10         10           Writh Clause, With Clause, With Clause, With Clause,         10         10         10	SEM	SEMESTER:	Ħ	SUBJECT: Aadvanced SQL	COURSE:	7	
MONTH         TOPIC         SUB-TOPIC           JUNE and         Unit - I Structured Query         Writing Basic SQL Select Statements, JULY         Image:           JUNE and         Unit - I Structured Query         Restricting and Sorting Data,         Image:           JULY         Ianguage:         Restricting and Sorting Data,         Image:	NAN		Sandhya Thakkar		0	ST)	
JUNE and JUNE and JULY       Unit - I Structured Query Writing Basic SQL Select Statements, Insgle-Row Functions,         ILLY       Language:         Restricting and Sorting Data, Single-Row Functions,         IDID       Joins(Displaying Data from Multiple Tables), Aggregating Data using Group Functions,         IDID       Subqueries, Subqueries,         IDID       Subqueries, Subqueries,         IDID       Creating and Managing Tables, Including Constraints, Creating Other Database Objects(Sequences, Indexes and Synonyms)         AUGUST       Unit- II Advanced SQL:         Controlling User Access, Date Time Functions, Date Time Functions, Subqueries in FROM clause, Subqueries),         WITH Clause Hierarchical retrieval	3	NTL	TODIC		NO.OF LEC	TURES	EMARKS
JUNE and       Unit - I Structured Query       Writing Basic SQL Select Statements,       2.0         JUL.Y       Language:       Restricting and Sorting Data,       Single-Row Functions,       Including Constraints,       Including Data       Including Data       Including Constraints,					PLANNED	TAKEN	1
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Single-Row Functions,       Joins(Displaying Data from Multiple Tables),         Image: Single-Row Functions,       Aggregating Data using         Image: Single-Row Functions,       Subqueries,         Image: Subqueries,       Group Functions,         Image: Subqueries,       Subqueries,         Image: Subqueries,       Manipulating Data,         Image: Subqueries,       Creating and Managing Tables,         Image: Single-Row Functions,       Creating Constraints,         Image: Single-Row Functiong Constraints,       Image: Single-Row Functions,         Image: Sing SET operators,       Creating Other Database Objects(Sequences, Indexes and Synonyms)         Image: Subqueries in FROM clause       Image: Sing SET operators,         Image: Subqueries in FROM clause,       Subqueries,         Subqueries in FROM clause,       Subqueries,         Subqueries in FROM clause,       Subqueries,         MUTH Clause Hierarchical retrieval       MUTH Clause Hierarchical retrieval				Restricting and Sorting Data,		ų,	
Joins(Displaying Data from Multiple Tables),     Joins(Displaying Data using       Aggregating Data using     Group Functions,       Group Functions,     Subqueries,       Subqueries,     Subqueries,       Including Data,     Including Data,       Creating and Managing Tables,     Including Constraints,       Including Constraints,     Including Constraints,       Creating Other Database Objects(Sequences, Indexes and Synonyms)     Including SET operators,       AUGUST     Unit- II Advanced SQL:     Controlling User Access,       Using SET operators,     DateTime Functions,     Including Set operators,       DateTime Functions,     Enhancements to Group by clause(cube, Rollup and Grouping),     Advanced Subqueries (Multiple column subqueries,       Subqueries in FROM clause,     Subqueries,     Subqueries in FROM clause,       WITH Clause Hierarchical retrieval     WITH Clause Hierarchical retrieval				Single-Row Functions,			
Image: Married Subqueries, Creating Data using       Image: Subqueries, Subqueries, Subqueries, Creating Data, Creating Data, Creating Data, Including Constraints, Creating Views, Creating Views, Creating Views, Creating Other Database Objects(Sequences, Indexes and Synonyms)       Image: Subqueries Objects(Sequences, Indexes and Synonyms)         AUGUST       Unit-II Advanced SQL:       Controlling User Access, Indexes and Synonyms)       14         MUTH Clause Advanced Subqueries in FROM clause, Subqueries, Subqueries in FROM clause, Subqueries, Subqueries in FROM clause, Subqueries, Subqueries, Subqueries, Subqueries in FROM clause, Subqueries, Subqueries, Subqueries, Subqueries in FROM clause, Subqueries,				Joins(Displaying Data from Multiple Tables),			
Imaliant       Group Functions,       Imaliant         Imaliant       Subqueries,       Imaliant         Imaliant       Creating and Managing Tables,       Imaliant         Imaliant       Including Constraints,       Imaliant         Imaliant       Creating Views,       Imaliant         Imaliant       Creating Other Database Objects(Sequences, Indexes and Synonyms)       Imaliant         Imaliant       Creating Other Database Objects(Sequences, Indexes and Synonyms)       Imaliant         Imaliant       Creating Other Database Objects(Sequences, Indexes and Synonyms)       Imaliant         Imaliant       Creating Other Database Objects(Sequences, Indexes and Synonyms)       Imaliant         Imaliant       Creating Other Database Objects(Sequences, Indexes and Synonyms)       Imaliant         Imaliant       Creating Other Database Objects(Sequences, Indexes and Synonyms)       Imaliant         Imaliant       Creating Other Database Objects(Sequences, Indexes and Synonyms)       Imaliant         Imaliant       Creating Other Database Objects(Sequences, Indexes and Synonyms)       Imaliant         Imaliant       Using SET operators,       Imaliant       Imaliant         Imaliant       Using SET operators,       Imaliant       Imaliant         Imaliant       Using SET operators,       Imaliant				Aggregating Data using			
Subqueries,       Manipulating Data,         Manipulating Data,       Creating and Managing Tables,         Including Constraints,       Including Constraints,         Manipulating Uiews,       Creating Views,         Including Constraints,       Including Constraints,         Manipulating Uiews,       Creating Views,         Including Constraints,       Including Constraints,         Including Constraints,       Including Constraints,         Including Constraints,       Including Constraints,         Including Constraints,       Including Constraints,         Including Controlling User Access,       Including Constraints,         Including SET operators,       Jate Time Functions,         Including Set operators,       Date Time Functions,         Including Set operators,       Including Conuping),         Including Set operators,       Advanced Subqueries (Multiple column subqueries,         Including Set operators,       Scalar and correlated subqueries),         Including Set operators,       Scalar and correlated subqueries),         Including Set operators,       Scalar and correlated subqueries),				Group Functions,			- Maha
Image: Manipulating Data,       Creating and Managing Tables,         Including Constraints,       Including Constraints,         Including Controlling User Access,       Including Constraints,         Including SET operators,       Including SET operators,         Including SET operators,       Including Controlling User Access,         Including SET operators,       Including Controlling SET operators,         Including SET operators,       Including Conuping,         Including Set operators,       Including Column subqueries,         Including Seclar and correlated subqueries),       Including Column Subqueries         Including Set operators				Subqueries,			
Including Constraints,Including Constraints,Including Constraints,Including Constraints,Including Constraints,Creating Views,Including Other Database Objects(Sequences, Indexes and Synonyms)Including Other Database Objects(Sequences, Indexes and Synonyms)AUGUSTUnit- II Advanced SQL:Controlling User Access,Including SET operators,Including SET operators,Including SET operators,Including SET operators,Date Time Functions,Including Set of Group by clause(cube, Rollup and Grouping),Including Set operator Subqueries (Multiple column subqueries,Subqueries in FROM clause,Including Set operators,Including Set operator Subqueries in FROM clause,Scalar and correlated subqueries),Including Set operators,Including Set operators,Including Set operator Subqueries (Multiple column subqueries,Scalar and correlated subqueries),Including Set operators,				Manipulating Data,			
Including Constraints,       Including Constraints,         Image: Creating Views,       Creating Views,         Image: Creating Other Database Objects(Sequences, Indexes and Synonyms)       Image: Creating Other Database Objects(Sequences, Indexes and Synonyms)         AUGUST       Unit-II Advanced SQL:       Controlling User Access,       Image: Creating SET operators,         Image: Control Ing User Access,       Using SET operators,       Image: Creating SET operators,       Image: Creating SET operators,         Image: Control Ing User Access,       DateTime Functions,       Image: Creating SET operators,       Ima				Creating and Managing Tables,			
Image: Constraint of Creating Views,Image: Creating Other Database Objects(Sequences, Indexes and Synonyms)Image: Creating Other Database Objects(Sequences, Indexes, In				Including Constraints,			
AUGUST       Unit- II Advanced SQL:       Controlling User Access,       18         AUGUST       Unit- II Advanced SQL:       Controlling User Access,       18         Date Time SET operators,       Date Time Functions,       18         AUGUST       Date Time Functions,       18         AUGUST       Date Time Functions,       19         Autor Set				Creating Views,			
AUGUST       Unit- II Advanced SQL:       Controlling User Access,       10         Image: Set operators,       Using SET operators,       10       10         Image: Set operators,       Date Time Functions,       10       10         Image: Set operators,       Date Time Functions,       10       10         Image: Set operators,       Enhancements to Group by clause(cube, Rollup and Grouping),       10         Image: Set operators,       Advanced Subqueries (Multiple column subqueries,       10         Image: Set operator operators,       Subqueries in FROM clause,       10         Image: Set operator operator operator operator operator operator operator operator,       10       10         Image: Set operator				Creating Other Database Objects(Sequences, Indexes and Synonyms)			
Using SET operators,         Date Time Functions,         Enhancements to Group by clause(cube, Rollup and Grouping),         Advanced Subqueries (Multiple column subqueries,         Subqueries in FROM clause,         Scalar and correlated subqueries),         WITH Clause. Hierarchical retrieval	AUC	JUST		Controlling User Access,	20 \$	9	-
DateTime Functions,         Enhancements to Group by clause(cube, Rollup and Grouping),         Advanced Subqueries (Multiple column subqueries,         Subqueries in FROM clause,         Scalar and correlated subqueries),         WITH Clause. Hierarchical retrieval.				Using SET operators,			Curre
Enhancements to Group by clause(cube, Rollup and Grouping),         Advanced Subqueries (Multiple column subqueries,         Subqueries in FROM clause,         Scalar and correlated subqueries),         WITH Clause. Hierarchical retrieval.				DateTime Functions,			
Advanced Subqueries (Multiple column subqueries,         Subqueries in FROM clause,         Scalar and correlated subqueries),         WITH Clause Hierarchical retrieval				Enhancements to Group by clause(cube, Rollup and Grouping),			
				Advanced Subqueries (Multiple column subqueries,			
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NAME OF TEACHER:	Sandhya Thakkar			SAL		
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			PLANNED	TAKEN		
AUGUST	Unit-III PLSQL:	Introduction, Overview and benefits of PL/SQL,	<b>N</b>			
		Subprograms,		×.		
		types of PL/SQL blocks,				
		Simple Anonymous Block,		_		
		Identifiers, types of Identifiers,		_		
		Declarative Section, variables,				=
		Scalar Data Types,		_	when	N
	and the second	The %TYPE Attribute,	-:	= 1	4	
		Bind Variables,		_		
		Sequences in PL/SQL Expressions,		_		11
		Executable Statements,				
		PL/SQL Block Syntax,				
		Comment the Code,				
		Deployment of SQL Functions in PL/SQL,				
		Convert Data Types, Nested Blocks, Operators.				
		Interaction with the Oracle Server,		_		10
1000		Invoke SELECT Statements in PL/SQL,				
		SQL Cursor concept,				
		Data Manipulation in the Server using PL/SQL,				
		SQL Cursor Attributes to Obtain Feedback on DML,				
		Save and Discard Transactions.				

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SEMESTER:	V	SUBJECT: Aadvanced SQL	COURSE:	F
NAME OF TEACHER:	Sandhya Thakkar		CLASS:	SYIT
MONTH	TOPIC	SUB-TOPIC	NO.OF LECTURES REMARKS	TURES
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AUGUST	Unit-IV Control Structures:	Conditional processing using IF Statements and CASE Statements,		
		Loop Statement,		
		While Loop Statement,		
		For Loop Statement,		
		the Continue Statement,		
		Composite Data Types: PL/SQL Records,		
		The %ROWTYPE Attribute,	- = -	-11-
		Insert and Update with PL/SQL Records,		
		INDEX BY Tables,		
		INDEX BY Table Methods,		
		Use INDEX BY Table of Records,		
		Explicit Cursors,	-	
		Declare the Cursor,		
		Open the Cursor,		
		Fetch data from the Cursor,		
		Close the Cursor,		
		Cursor FOR loop,		
		The %NOTFOUND and %ROWCOUNT Attributes,		
		The FOR UPDATE Clause and WHERE CURRENT Clause,		
		Exception Handling, User-Defined Exceptions,		
		Handle Exceptions with PL/SQL,		
		Trap Predefined and non-predefined Oracle Server Errors.		

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TOPIC         SUB-TOPIC           Unit - V Stored Procedures: Create a Modularized and Layered Subprogram Design, the PL/SQL Execution Environment, differences between Anonymous Blocks and Subprograms, Create, Call, and Remove Stored Procedures, Niew Procedure Information, Stored Functions and Debugging Subprograms, Create, Call, and Remove a Stored Function, advantages of using Stored Function, the steps to create a stored functions, the steps to create a stored functions, Control side effects when calling Functions, View Functions Information, debug Functions, View Functions Information, debug Functions, Control side effects when calling Functions, Packages, advantages of Package, nable visibility of a Package's Components, Create the Package Specification and Body using the SQL CREATE Statement and SQL Developer, Nivoke the Package Constructs, View the PL/SQL Source Code using the Data Dictionary, Deploying Packages, Overloading Subprograms in PL/SQL,	NAME OF TEACHER:	Sandhya Thakkar			SVIT		
Unit - V Stored Procedures       Create a Modularized and Layered Subprogram Design,         the PL/SQL Execution Environment,       differences between Anonymous Blocks and Subprograms,         Create, Call, and Remove Stored Procedures,       Implement Procedure Procedures and Parameters Modes,         View Procedure Information,       Stored Functions and Debugging Subprograms,         Create, Call, and Remove a Stored Function,       advantages of using Stored Functions,         Invoke User-Defined Functions in SQL Statements,       Restrictions when calling Functions,         View Functions Information, debug Functions,       View Functions Information, debug Functions,         View Functions Information, debug Functions,       Develop a Package, enable visibility of a Package's Components,         Create the Package Specification and Body using the SQL CREATE       Statement and SQL Developer,         Invoke the Package Constructs,       View the PL/SQL Source Code using the Data Dictionary,         Develop a Developer,       Developary Packages,         Overloading Subprograms in PL/SQL,       Developary Packages,	MONTH	TOPIC	SUB-TOPIC	NO.OF LEC	TURES	REMARKS	REVIEWED
Unit - V Stored Procedures         Create a Modularized and Layered Subprogram Design,         Implement Procedure Environment,           Create, Call, and Remove Stored Procedures,         Implement Procedures Parameters and Subprograms,         Implement Procedures Parameters Modes,           View Procedure Information,         Implement Procedures Parameters and Parameters Modes,         Implement Procedures Parameters and Parameters Modes,           Implement Procedure Information,         Implement Procedure Information,         Implement Procedures Parameters Modes,           Implement Procedure Information,         Implement Procedures Parameters and Parameters Modes,         Implement Procedures Parameters Modes,           Implement Procedure Information,         Implement Procedures Parameters and Parameters Modes,         Implement Procedures Parameters Modes,           Implement Procedure Information,         Implement Procedures Parameters and Parameters Modes,         Implement Packages,           Invoke User-Defined Functions,         Implements,         Implements,         Implements,           Restrictions when calling Functions,         Implements,         Implements,         Implements,           Packages, advantages of Packages, components of a Package,         Implements,         Implements,         Implements,           Package Specification and Body using the SQL CREATE         Statement and SQL Developer,         Implements,         Implement Package Specification and Body using th				PLANNED	TAKEN		
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			Implement Procedures Parameters and Parameters Modes,				
			View Procedure Information,			Luca	
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Invoke the Package Constructs,         View the PL/SQL Source Code using the Data Dictionary,         Deploying Packages,         Overloading Subprograms in PL/SQL,			Statement and SQL Developer,				
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Deploying Packages,       Overloading Subprograms in PL/SQL,			View the PL/SQL Source Code using the Data Dictionary,				
Overloading Subprograms in PL/SQL,			Deploying Packages,				
			Overloading Subprograms in PL/SQL,				

Sandhya Thakkar     CLASS:       TOPIC     SUB-TOPIC     NO.OF LEC       Use the STANDARD Package,     PLANNED       Use forward Declarations,     PLANNED       Implement Package Functions in SQL and Restrictions,     Presistent State of Packages,       Persistent State of Packages,     Invoke PL/SQL Tables of Records in Packages       r/Unit - VI Dynamic SQL:     The Execution Flow of SQL,       Declare Cursor Variables,     Dynamicalles,       Dynamic SQL:     The Execution Flow of SQL,       Declare Cursor Variables,     Dynamicalles,       Implement DBMS_SQL radice DBMS_SQL block,     Dynamic SQL Functional Completeness,       Triggers, the Trigger Event Types, Body, and Firing (Timing),     Create Instead of and Disabled Triggers,	SEMESTER:	۷	SUBJECT: Aadvanced SQL	COURSE:	П
SUB-TOPIC         Use the STANDARD Package,         Use Forward Declarations,         Implement Package Functions in SQL and Restrictions,         Persistent State of Packages,         Persistent State of Package Cursor,         Control side effects of PL/SQL Subprograms,         Invoke PL/SQL Tables of Records in Packages         The Execution Flow of SQL,         Declare Cursor Variables,         Declare Cursor Variables,         Invoke DBMS_SQL Package,         Implement DBMS_SQL Functional Completeness,         Create DML Triggers using the CREATE TRIGGER Statement and SQL         Developer,         Identify the Trigger Event Types, Body, and Firing (Timing),		andhya Thakkar		CLASS:	SVIT
Use the STANDARD Package,         Use Forward Declarations,         Implement Package Functions in SQL and Restrictions,         Persistent State of Packages,         Persistent State of Package Cursor,         Control side effects of PL/SQL Subprograms,         Invoke PL/SQL Tables of Records in Packages         The Execution Flow of SQL,         Declare Cursor Variables,         Configure Native Dynamic SQL Block,         Configure Native Dynamic SQL to Compile PL/SQL Code,         invoke DBMS_SQL Package,         Implement DBMS_SQL with a Parameterized DML Statement,         Dynamic SQL Functional Completeness,         Triggers, the Trigger Event Types and Body,         Business Application Scenarios for Implementing Triggers,         Create DML Trigger Event Types, Body, and Firing (Timing),         Statement Level Triggers and Row Level Triggers,         Create Instead of and Disabled Triggers,	MONTH	TOPIC	SUB-TOPIC	NO.OF LEC	TURES
Use the STANDARD Package,         Use Forward Declarations,         Implement Package Functions in SQL and Restrictions,         Persistent State of Packages,         Persistent State of Package Cursor,         Control side effects of PL/SQL Subprograms,         Invoke PL/SQL Tables of Records in Packages         The Execution Flow of SQL,         Declare Cursor Variables,         Declare Cursor Variables,         Configure Native Dynamic SQL Block,         Configure Native Dynamic SQL to Compile PL/SQL Code,         invoke DBMS_SQL Package,         Implement DBMS_SQL with a Parameterized DML Statement,         Dynamic SQL Functional Completeness,         Triggers, the Trigger Event Types and Body,         Business Application Scenarios for Implementing Triggers,         Create DML Triggers using the CREATE TRIGGER Statement and SQL         Developer,         Identify the Trigger Event Types, Body, and Firing (Timing),         Statement Level Triggers and Row Level Triggers,         Create Instead of and Disabled Triggers,				PLANNED	TAKEN
Use Forward Declarations,         Implement Package Functions in SQL and Restricti         Persistent State of Packages,         Persistent State of a Package Cursor,         Control side effects of PL/SQL Subprograms,         Invoke PL/SQL Tables of Records in Packages         Invoke PL/SQL Tables of Records in Packages         Declare Cursor Variables,         Declare Cursor Variables,         Dynamically Executing a PL/SQL Block,         Configure Native Dynamic SQL to Compile PL/SQL         Invoke DBMS_SQL Package,         Implement DBMS_SQL vith a Parameterized DML         Dynamic SQL Functional Completeness,         Triggers, the Trigger Event Types and Body,         Business Application Scenarios for Implementing         Create DML Triggers using the CREATE TRIGGER Stater         Developer,         Identify the Trigger Event Types, Body, and Firing         Statement Level Triggers and Row Level Triggers,         Create Instead of and Disabled Triggers,			Use the STANDARD Package,		
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Persistent State of Packages,         Persistent State of a Package Cursor,         Control side effects of PL/SQL Subprograms,         Invoke PL/SQL Tables of Records in Packages         The Execution Flow of SQL,         Declare Cursor Variables,         Declare Cursor Variables,         Configure Native Dynamic SQL Block,         Invoke DBMS_SQL Package,         Implement DBMS_SQL Package,         Implement DBMS_SQL with a Parameterized DML         Dynamic SQL Functional Completeness,         Triggers, the Trigger Event Types and Body,         Business Application Scenarios for Implementing         Create DML Triggers using the CREATE TRIGGER Stater         Developer,         Identify the Trigger Event Types, Body, and Firing         Statement Level Triggers and Row Level Triggers,         Create Instead of and Disabled Triggers,			Implement Package Functions in SQL and Restrictions,		
<ul> <li>Persistent State of a Package Cursor,</li> <li>Control side effects of PL/SQL Subprograms,</li> <li>Invoke PL/SQL Tables of Records in Packages</li> <li>The Execution Flow of SQL,</li> <li>Declare Cursor Variables,</li> <li>Dynamically Executing a PL/SQL Block,</li> <li>Configure Native Dynamic SQL to Compile PL/SQL</li> <li>invoke DBMS_SQL Package,</li> <li>Implement DBMS_SQL with a Parameterized DML</li> <li>Dynamic SQL Functional Completeness,</li> <li>Business Application Scenarios for Implementing</li> <li>Create DML Trigger Event Types, Body, and Firing</li> <li>Statement Level Triggers and Row Level Triggers,</li> <li>Create Instead of and Disabled Triggers,</li> </ul>			Persistent State of Packages,		
<ul> <li>Control side effects of PL/SQL Subprograms,</li> <li>Invoke PL/SQL Tables of Records in Packages</li> <li>The Execution Flow of SQL,</li> <li>Declare Cursor Variables,</li> <li>Dynamically Executing a PL/SQL Block,</li> <li>Configure Native Dynamic SQL to Compile PL/SQL</li> <li>invoke DBMS_SQL Package,</li> <li>Implement DBMS_SQL with a Parameterized DML</li> <li>Dynamic SQL Functional Completeness,</li> <li>Triggers, the Trigger Event Types and Body,</li> <li>Business Application Scenarios for Implementing</li> <li>Create DML Triggers using the CREATE TRIGGER Stater</li> <li>Developer,</li> <li>Identify the Trigger Event Types, Body, and Firing</li> <li>Statement Level Triggers and Row Level Triggers,</li> </ul>			Persistent State of a Package Cursor,		
Invoke PL/SQL Tables of Records in Packages         The Execution Flow of SQL,         Declare Cursor Variables,         Dynamically Executing a PL/SQL Block,         Configure Native Dynamic SQL to Compile PL/SQL         invoke DBMS_SQL Package,         Implement DBMS_SQL with a Parameterized DML         Dynamic SQL Functional Completeness,         Triggers, the Trigger Event Types and Body,         Business Application Scenarios for Implementing         Create DML Triggers using the CREATE TRIGGER Stater         Developer,         Identify the Trigger Event Types, Body, and Firing         Statement Level Triggers and Row Level Triggers,         Create Instead of and Disabled Triggers,			Control side effects of PL/SQL Subprograms,		
The Execution Flow of SQL,         Declare Cursor Variables,         Dynamically Executing a PL/SQL Block,         Configure Native Dynamic SQL to Compile PL/SQL         invoke DBMS_SQL Package,         Implement DBMS_SQL Package,         Dynamic SQL Functional Completeness,         Triggers, the Trigger Event Types and Body,         Business Application Scenarios for Implementing         Create DML Triggers using the CREATE TRIGGER Stater         Developer,         Identify the Trigger Event Types, Body, and Firing         Statement Level Triggers and Row Level Triggers,			Invoke PL/SQL Tables of Records in Packages		
<ul> <li>Declare Cursor Variables,</li> <li>Dynamically Executing a PL/SQL Block,</li> <li>Configure Native Dynamic SQL to Compile PL/SQL invoke DBMS_SQL Package,</li> <li>Implement DBMS_SQL with a Parameterized DML Dynamic SQL Functional Completeness,</li> <li>Triggers, the Trigger Event Types and Body,</li> <li>Business Application Scenarios for Implementing Create DML Triggers using the CREATE TRIGGER Stater Developer,</li> <li>Identify the Trigger Event Types, Body, and Firing Statement Level Triggers and Row Level Triggers,</li> </ul>	Seatronhert	Init - VI Dynamic SOI :	The Execution Flow of SOL		
	-		Declare Cursor Variables,		
			Dynamically Executing a PL/SQL Block,		
			invoke DBMS_SQL Package,		
			Dynamic SQL Functional Completeness,		
			Triggers, the Trigger Event Types and Body,		
			Developer,		
Statement Level Triggers and Row Level Triggers,         Create Instead of and Disabled Triggers,			-		
Create Instead of and Disabled Triggers,			Statement Level Triggers and Row Level Triggers,		
			Create Instead of and Disabled Triggers,		

										MONTH		SEMESTER:			
								Unit – VI Dynamic SQL:		TOPIC	Sandhya Thakkar	<			
of the second se	Create Database-Event and System- Events Triggers, System Privileges Required to Manage Triggers		Comparison of Database Triggers and Stored Procedures,	Compound Trigger to Resolve the Mutating Table Error,	ables and	DDL and Event Database Triggers,		Manage, Test and Remove Triggers.		SUB-TOPIC		SUBJECT: Aadvanced SQL	THE SIA COLLEGE OF HIGHER EDUCATION, I TEACHING PLAN 2016-17		
									PLANNED TAKEN	NO.OF LECTURES REMARKS REVIEWED BY	CLASS: TYIT	COURSE: IT	DOMBIVLI(E)		
	01.10	te Database-Event and System-Events am Privileges Required to Manage Trigge	Create Triggers on DDL Statements, Create Database-Event and System-Events Triggers, System Privileges Required to Manage Triggers	Comparison of Database Triggers and Stored Procedures,       Create Triggers on DDL Statements,         Create Database-Event and System-Events Triggers,       System Privileges Required to Manage Triggers	Compound Trigger to Resolve the Mutating Table Error,       Comparison of Database Triggers and Stored Procedures,         Create Triggers on DDL Statements,       Create Triggers on DDL Statements,         Create Database-Event and System-Events Triggers,       System Privileges Required to Manage Triggers	Compound Trigger Structure for Tables and Views,       Compound Trigger Structure for Tables and Views,         Compound Trigger to Resolve the Mutating Table Error,       Comparison of Database Triggers and Stored Procedures,         Create Triggers on DDL Statements,       Create Triggers on DDL Statements,         Create Database-Event and System- Events Triggers,       System Privileges Required to Manage Triggers	DDL and Event Database Triggers,       Compound Trigger Structure for Tables and Views,         Compound Trigger Structure for Tables and Views,       Compound Trigger to Resolve the Mutating Table Error,         Comparison of Database Triggers and Stored Procedures,       Create Triggers on DDL Statements,         Create Triggers On DDL Statements,       Create Database-Event and System-Events Triggers,         System Privileges Required to Manage Triggers       Understand	Creating Compound,       Creating Compound,         DDL and Event Database Triggers,       DDL and Event Database Triggers,         Compound Trigger Structure for Tables and Views,       Compound Trigger Structure for Tables and Views,         Compound Trigger to Resolve the Mutating Table Error,       Compound Trigger to Resolve the Mutating Table Error,         Comparison of Database Triggers and Stored Procedures,       Create Triggers on DDL Statements,         Create Triggers on DDL Statements,       Create Database-Event and System- Events Triggers,         System Privileges Required to Manage Triggers       System Vivileges Required to Manage Triggers		VI Dynamic SQL:       Manage, Test and Remove Triggers.         Creating Compound,       Creating Compound,         DDL and Event Database Triggers,       Compound Trigger Structure for Tables and Views,         Compound Trigger to Resolve the Mutating Table Error,       Compound Trigger to Resolve the Mutating Table Error,         Comparison of Database Triggers and Stored Procedures,       Create Triggers on DDL Statements,         Create Database-Event and System-Events Triggers,       System Privileges Required to Manage Triggers	TOPIC       SUB-TOPIC         Unit - VI Dynamic SQL:       Manage, Test and Remove Triggers.         Creating Compound,       DDL and Event Database Triggers,         DDL and Event Database Triggers,       Compound Trigger Structure for Tables and Views,         Compound Trigger to Resolve the Mutating Table Error,       Comparison of Database Triggers and Stored Procedures,         Create Triggers on DDL Statements,       Create Database-Event and System-Events Triggers,         System Privileges Required to Manage Triggers       System	Sandhya Thakkar         TOPIC       SUB-TOPIC         Unit - VI Dynamic SQL:       Manage, Test and Remove Triggers.         Creating Compound,       DDL and Event Database Triggers,         Compound Trigger Structure for Tables and Views,       Compound Trigger to Resolve the Mutating Table Error,         Compound Trigger to Resolve the Mutating Table Error,       Comparison of Database Triggers and Stored Procedures,         Create Triggers on DDL Statements,       Create Database-Event and System-Events Triggers,         System Privileges Required to Manage Triggers       Av	V     SUBJECT: Aadvanced SQL       Sandhya Thakkar     Image, Test and Remove Triggers.       TOPIC     SUB-TOPIC       Unit – VI Dynamic SQL:     Manage, Test and Remove Triggers.       DDL and Event Database Triggers,     DDL and Event Database Triggers,       Compound Trigger Structure for Tables and Views,     Compound Trigger to Resolve the Mutating Table Error,       Comparison of Database Triggers and Stored Procedures,     Create Triggers on DDL Statements,       Create Database-Event and System-Events Triggers,     System Privileges Required to Manage Triggers	THE SIA COLLEGE OF HIGHER EDUCATION,DOMB TEACHING PLAN 2016-17         V       SUBJECT: Aadvanced SQL         Sandhya Thakkar       SUB-TOPIC         TOPIC       SUB-TOPIC         Unit – VI Dynamic SQL:       Manage, Test and Remove Triggers.         Creating Compound,       Creating Compound,         Compound Trigger Structure for Tables and Views,       Compound Trigger to Resolve the Mutating Table Error,         Compound Triggers on DDL Statements,       Create Triggers,       Create Triggers,         Create Database-Event and System-Events Triggers,       System Privileges Required to Manage Triggers,	THE SIA COLLEGE OF HIGHER EDUCATION,DOMB TEACHING PLAN 2016-17         V       SUBJECT: Aadvanced SQL         Sandhya Thakkar       SUBJECT: Aadvanced SQL         TOPIC       SUB-TOPIC         Unit – VI Dynamic SQL:       Manage, Test and Remove Triggers.         Creating Compound,       Creating Compound,         DDL and Event Database Triggers,       Compound Trigger to Resolve the Mutating Table Error,         Compound Trigger son DDL Statements,       Create Triggers,         Create Database-Event and System-Events Triggers,       System Privileges Required to Manage Triggers

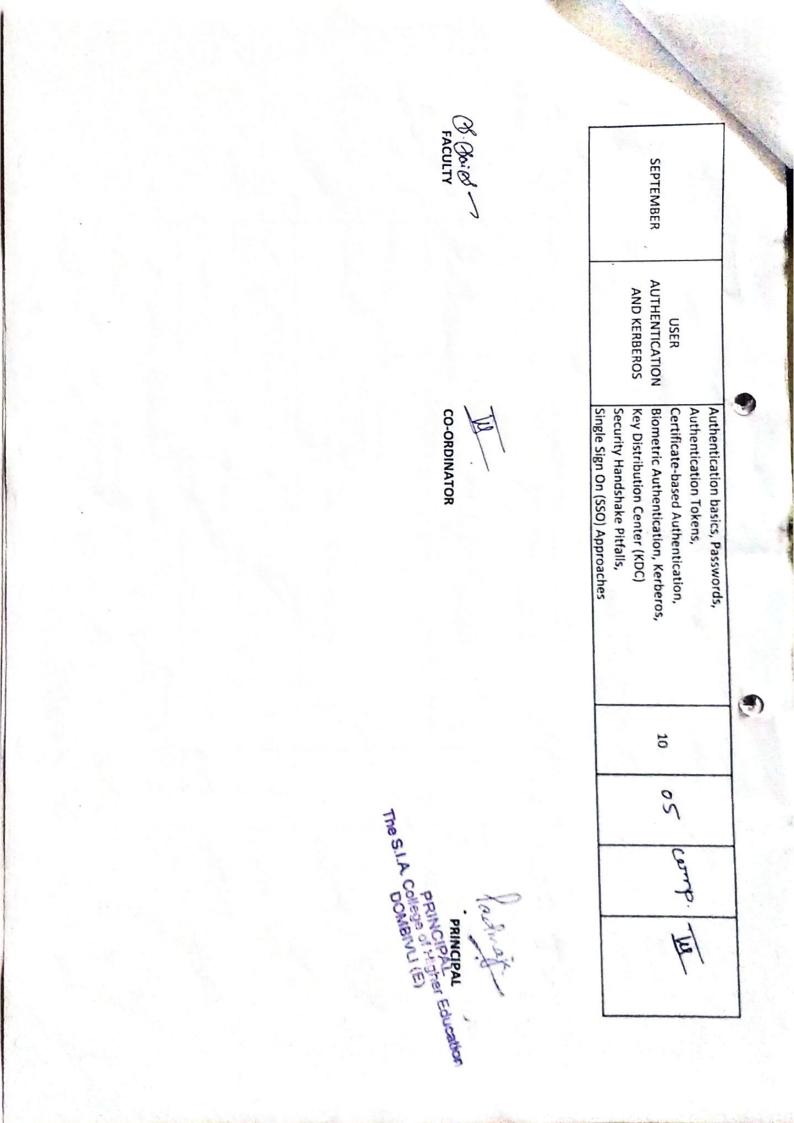
#### **TEACHING PLAN 2016-17**

SEMESTER:	II	SUBJECT:MODERN OPERATING SYSTEM	COURSE:		F	
NAME OF TEACHER:		MRS.S.SAI SREE	CLASS:	S	SALL	
MONTH	TOPIC	SUB-TOPIC	NO.OF L	FLECTURES	REMARKS	REMARKS REVIEWED BY
		OS and Computer System, System		TAKEN		
		Performance, Classes of OS,				
	INTRODUCTION TO	Types of processing in operating			9	
	OPERATING SYSTEM	System, Hand held system, Clustered	5	=	~	ter
JOINE		System, Compiles, Interpreters,				
		Assemblers and linkers.				
		Os Services, user Os Interface			_	1
	US SINUCIURE	Types of System calls, system programs,		;		M
		OS Design and implementation,	0	1		1
	OS STRUCTURE	OS structure, Virtual machines, OS				
		Generation, System Boot				
	PROCESSES AND	Processes Concept, process scheduling				
	PROCESSES	Scheduling criteria, scheduling		Ĩ.	1 han	=
JULY	SYNCHRONIZATION	algorithms, IPC, Multithreading models,	0	-	an	h
		Threading issues, Thread scheduling,				
		Critical section problem, peterson				
		solution, semophores				
	MENODY MANIACEMENT	Memory management without				
		swapping or paging, virtual memory	5	•		1
		page replacement algorithms,	10	10	-	E
	MEMORY MANAGEMENT	design issues for paging systems,				
		segmentation				
	FILE CYCTEM INTEDEACE	File concept, file system mounting,		1		
AUGUSI	AND MADI EMENTATION	Free space management, File sharing	d	ۍر ۱		
		NFS		1		

FACULTY SEPTEMBER MASS STORAGE STRUCTURE 1/O SYSTEM STRUCTURE MASS STORAGE **PROTECTION & SECURITY** Disk structure, disk management, swap stable storage implementation space management, RAID structure, CO-ORDINATOR Capability based systems, language Principles & Domains of protection, STREAMS, performance Application I/O interface, transforming avoidance and prevention deadlock, detection and recovary implementing security defenses. based protection, the security problem Access matrix, access control, requests to h/w operations, F F S PRINCIPAL The S.I.A. College of Higher Education DOMENUI (E) Palean Taken allan PRINCIPAL (now 1 E C

			CUIDCE.		-	
SEMESTER:	年	SUBJECT:NETWORK SECURIT				
NAME OF TEACHER:		MRS.S.SAI SREE	CLASS:		ITT	
MONTH	TOPIC	SUB-TOPIC	NO.OF LECTURES	ECTURES	REMARKS	REVIEWED BY
			PLANNED TAKEN	TAKEN		
	COMPUTER SECURITY	Introduction, Need for security, Principles of security, types of attacks	л	H	Completed	F
		Plain text and Cipher Text, Substitution techniques, Caesar Cipher, Mono-alphabetic Cipher,			7	E
JUNE	CRYPTOGRAPHY	Polygram, Polyalphabetic Substitution, Playfair, Hill Cipher, Transposition techniques, Encryption and Decryption, Symmetric and Asymmetric Key Cryptography, Steganography, Key Range and Key Size, Possible Types of Attacks	თ	6	Comp inter	
	SYMMETRIC KEY ALGORITHMS	Algorithms types and modes,	0	5	n lated	E
	AND AES	Overview of Symmetric key Cryptography, Data Encryption Standard(DES)	0	4	unper	ł
זחוג	NS KEY	International Data Encryption Algorithm (IDEA), RC4, RC5, Blowfish,	б	T	Amplete	M
2011	AND AES	Advanced Encryption Standard (AES)			nombran	

	1			
SEPTEMBER		AUGUST		זחוג
INTERNET SECURITY PROTOCOLS	NETWORK SECURITY FIREWALLS AND VIRTUAL PRIVATE NETWORKS	DIGITAL CERTIFICATES AND PUBLIC KEY INFRASTRUCTURE (PKI)	DIGITAL CERTIFICATES AND PUBLIC KEY INFRASTRUCTURE (PKI)	ASYMMETRIC KEY ALGORITHMS, DIGITAL SIGNATURES . AND RSA
Basic concepts, Secure Socket Layer (SSL), Transport Layer Security (TLS), Secure Hyper Text Transfer Protocol (SHTTP), Time Stamping Protocol (TSP), Secure Electronic Transaction (SET), SSL vs SET, 3-D Secure Protocol, Electronic Money, E-mail Security, Wireless Application Protocol (WAP) Security, Security in GSM, Security in 3G	Brief Introduction to TCP/IP, Firewalls, IP Security,Virtual Private Networks (VPN), Intrusion	Private Key Management, The PKIX Model Public Key Cryptography Standards (PKCS) XML,PKI and Security, Hash functionsKey Predistribution, Blom's Scheme, Diffie-Hellman Key Predistribution, Kerberos, Diffie-Hellman Key Exchange, The Station-to-station Protocol	Digital Certificates	Brief history of Asymmetric Key Cryptography Overview of Asymmetric Key Cryptography, RSA algorithm, Symmetric and Asymmetric key cryptography together, Digital Signatures, Knapsack Algorithm, Some other algorithms
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lamp tele	Lomplete	Completed	lampletic	Completed
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	Basic concepts, Secure Socket Layer (SSL), Transport Layer Security (TLS), Secure Hyper Text Transfer Protocol (SHTTP), Time Stamping Protocol (SHTTP), Secure Electronic Transaction (SET), SSL vs SET, 3-D Secure Protocol, Electronic Money, E-mail Security, Wireless Application Protocol (WAP) Security, Security in GSM, Security in 3G	INELIWORK SECURITY       Brief Introduction to TCP/IP, Firewalls,         FIREWALLS AND       IP Security, Virtual Private Networks (VPN),       7       1         INTERNET       Basic concepts, Secure Socket Layer (SSL),       7       1         Transport Layer Security (TLS), Secure Hyper       Text Transfer Protocol (SHTTP),       1       1         INTERNET SECURITY       Secure Electronic Transaction (SET),       8       8       8         INTERNET SECURITY       Electronic Money, E-mail Security, Nago       8       8       8	DIGITAL CERTIFICATES       Private Key Management, The PKIX Model         AND PUBLIC KEY       Public Key Cryptography Standards (PKCS)         AND PUBLIC KEY       XML,PKI and Security, Hash functionsKey         (PKI)       Predistribution, Blom's Scheme, Diffie-Hellman         (PKI)       Exchange, The Station-to-station Protocol         NETWORK SECURITY       Brief Introduction to TCP/IP, Firewalls, IP Security, Virtual Private Networks (VPN), IP Security, Virtual Private Networks (VPN), Transport Layer Secure Socket Layer (SSL), Transport Layer Secure Hyper Text Transfer Protocol (SHTTP), Secure Electronic Transaction (SET), Secure Protocol, Electronic Money, E-mail Security, Wireless Application Protocol (WAP) Security in GSM, Security in 3G       8	DIGITAL CERTIFICATES AND PUBLIC KEY INFRASTRUCTURE       Digital Certificates       3       5         DIGITAL CERTIFICATES       Private Key Management, The PKIX Model Public Key Cryptography Standards (PKCS) INFRASTRUCTURE       11       1         DIGITAL CERTIFICATES       Private Key Management, The PKIX Model Public Key Cryptography Standards (PKCS) XML,PKI and Security, Hash functionsKey Exchange, The Station-to-station Protocol       11       1         NETWORK SECURITY       Brief Introduction to TCP/IP, Firewalls, IP Security, Virtual Private Networks (VPN), Transport Layer Socket Layer (SSL), Transport Layer Socure Socket Layer (SSL), Transport Layer Socure Virtus), Secure Hyper Text Transfer Protocol (SHTTP), Time Stamping Protocol (SHTTP), Secure Electronic Transaction (SET), Secure Protocol, Electronic Money, E-mail Security, Wireless Application Protocol (WAP) Security in 3G.       8       &





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		NO. OF SESSIONS	SESSION
MONTH	PROGRAM	PLANNED	TAKEN
	1. Implementing Substitution Ciphers	-	
	a. Caesar Cipher		
June	b. Modified Caesar Cipher	2	2
	c. Mono-Alphabetic		
	d. Poly-Alphabetic		
	2. Implementing Transposition Ciphers		
	a. Rail fence Techniques		
	b. Simple Columnar		
July	c. Multicolumnar	4	4
	d. Vernam Cipher		
	3. Implementing Diffie Helman Key Exchange Algorithm		
	4. Implementing DES Algorithm		
August	5. Implementing IDEA	5	4
c	6. Implementing AES		
	7. Implementing RSA Algorithm		
September	8. Implementing RC4, RC5	4	4
	9. Implementing Blowfish		

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	CIASS:	MRS S SAI SREE	NAME OF TEACHED.
		SUBJECT:NETWORK SECURITY	SEMESTER:
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SEMESTER:	<	SUBJECT: ASP.NET With C#	COURSE:	Initio	T.Y. Bsc I.T.	
NAME OF TEACHER:		Sandhya Pandey	CLASS:		1.1.1 000 0000	
		CIB-TOPIC	NO.OF LEC	CTURES	REMARKS	REVIEWED BY
MONTH	TOPIC	305-10176	PLANNED TAKEN	TAKEN		
June	Unit I	Review of .NET frameworks, Introduction to C#,	10	10	Completed	ま
		Variables and expressions, flow controls, functions,				ter
		debugging and error handling, OOPs with C#,				
		Defining classes and class members.			-	
June/July	Unit II	Assembly, Components of Assembly, Private and	10	10	Completed	1
		Shared Assembly, Garbage Collector, JIT compiler.				E
		Namespaces Collections, Delegates and Events.				1
		Introduction to ASP.NET 4: Microsoft.NET				
		framework, ASP.NET lifecycle. CSS: Need of CSS,				
		Introduction to CSS, Working with CSS with visual				
		developer.				
July	Unit III	ASP.NET server controls: Introduction, How to work	10	10	completed	5
,		with button controls, lextboxes, Labels, crieckboxes				ł
		and radio buttons, list cutitions and other web server				
		controls, web.config and global.asax files.				
		Programming ASP.NET web pages: Introduction,				
		data types and variables, statements, organizing				
		code, object oriented basics.				

				NO. OF LECTURES	TURES	ACIVINIA	
Unit IV Validation Control: Introduction, basic validation 10 / 0	MONTH	TOPIC	SUB-TOPIC	PLANNED	AKEN		
controls, validation techniques, cons		Unit IV	Validation Control: Introduction, basic validation controls, validation techniques, using advanced	10	10	Completer	El
<u>u</u>			state, using session state, using application state, using cookies and URL encoding. Master Pages: Creating master pages, content pages, nesting master pages, accessing master page controls from a content page. Navigation: Introduction to use the site navigation, using site navigation controls.				1
August Unit V Databases: Introduction, using SQL data sources, 10 10 Completed Ju-	gust	Unit V	Databases: Introduction, using SQL data sources, GridView Control, DetailsView and FormView	10	10	Completed	E
Controls, ListView and DataPager controls, Using object datasources. ASP.NET Security: Authentication, Authorization, Impersonation,			Controls, ListView and DataPager controls, Using object datasources. ASP.NET Security: Authentication, Authorization, Impersonation,				
September       Unit VI       LINQ: Operators, implementations, LINQ to       10         Objects,XML,ADO.NET, Query Syntax. ASP.NET Ajax:       10         Introducing AJAX, Working of AJAX, Using ASP.NET       10         AJAX server controls. JQuery: Introduction to JQuery,       10         JQuery UI Library, Working of JQuery       10	ptember	Unit VI	ASP.NET provider model LINQ: Operators, implementations, LINQ to objects,XML,ADO.NET, Query Syntax. ASP.NET Ajax: Introducing AJAX, Working of AJAX, Using ASP.NET AJAX server controls. JQuery: Introduction to JQuery, JQuery UI Library, Working of JQuery				

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SEMESTER:	<	SUBJECT: ASP.NET With C#(Practical	COURSE:	Info	Information Technology	
NAME OF TEACHER:		Sandhya Pandey	CLASS:		T.Y. Bsc I.T.	- Water -
MONTH	TOPIC	SUB-TOPIC	NO.OF LEC	LECTURES	REMARKS	<b>REVIEWED BY</b>
				TAKEN		2
June	Practical 1	Simple Programs with C#, Write programs using conditional statements and loops	б	w	casury formonded	E
July .	Practical 2	Program using classes, Program with different features of C#: Function Overloading, Inheritance (all		. 3+6	completed .	=
		types), Constructor overloading, Interfaces, Using Delegates and events, Exception handling				F
July/August	Practical 3,4,5	Practical 3,4,5 Programs using different controls, Programs using CSS, Programs using ASP.NET Server controls.	6	0	completed	E
August	Practical 6,7	Database programs with ASP.NET and ADO.NET, Programs using Language Integrated query.	ω	S	completed	FI
September	Practical 8,9	Programs securing web pages, Implement the exercise on AJAX.	3	w	completed	E
September	Practical 10	Implement the exercise on JQuery.	3	2	Completea	Sanding

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## **TEACHING PLAN 2016-17**

	NAME OF TEACHER: MRS. VANDANA SANDEEP JADHAV	SEMESTER: V	
	VA SANDEEP JADHAV	SUBJECT: SOFTWARE TESTING	-
NO DE LECTURES	CLASS:	COURSE:	
AFS REMARKS REV	1.1.4.1.	USIISUS	

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			σι	Planning, Metrics and Reports, Quantitative and Qualitative Analysis, Improvements.	Testing Process	Sep-16
- <u>C</u>	complete	040	7	Issues, Class Testing, Object Oriented Integration Testing, Object Oriented System Testing	Object Oriented Testing	AUG-SEPT-16
+					UNITV	
	complete	9.0	00	Integration Testing, System Testing, Interaction Testing	Levels of Testing	Aug-16
					UNIT IV	
+	Complex	02	2	Retrospection		Aug-16
E	complete	03	4	Path Testing, Data Flow Testing, Retrospection	Structural Testing	Jul-16
T					UNIT III	
H	complete	40	7	Boundary value Testing, Equivalence class testing, Decision Table based testing, Retrospection.	Functional Testing:	Jul-16
+					UNIT II	
	complete	06	6	Introduction to quality, software quality, fundamentals of software testing, VV model of testing.	Introduction	Jul-16
T					UNIT I	
		TAKEN	PLANNED	SUB-TOPIC	TOPIC	MONTH
REVIEWED BY	REMARKS	NO DE LECTURES				

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**TEACHING PLAN 2016-17** 

STER: E OF TEACHER: MONTH	TOPIC	SUBJECT:Linux Administration Mrs.Tejaswini Shivsharan SUB-TOPIC		COURSE: CLASS: PLANNED	
JUNE	Unit -I	Introduction to LINUX, UNIX, GNU Duties of System Administrator Booting and Shutting down Understanding the File System		10	10
JUNE	Unit -II	System Configuration files TCP/IP Networking The network file system and installation		10	10
			1 1		
JULY	Unit-III	Connecting to MS network Additional Network Services		10	10 12
		Configuration of Time server,			
		Samba server			
HULY August	Unit-IV	Internet Services:ssh,sctp,sftp DNS:understanding and configuring			02
		DNS server, configuring linux firewall		10	10 07
AUGUST Septemby Unit-V	Junit-V	Comfiguring mail server, services SMTP protocol, IMAP, POP3 Configuring FTP services		10	10
			L	L	-

			FACULTY			August Septembunit-VI	
			CO-ORDINATOR	System Administration utilities	web server, SSI,CGI,configuring system with SSL	Configuring Web server-Apache	1
					10		2
		The S.LA. College of Higher Education DOMBIVLI (E)	R adjuant				

SEMESTER: NAME OF **TEACHER:** MONTH JUNE JULY JULY Introduction to **Event Handling** servlets TOPIC Swing Sandhya Thakkar Events, SUBJECT:Advanced JAVA The delegation event model ServletInputStream And ServletOutputStream Classes, ServletRequest and ServletResponse Interfaces, GenericServlet Class. why servlets? Need for dynamic content, Event Listener Interfaces, servlet API, servletConfig interface, Servlet API and Lifecycle: JColorChooser, JComboBox, JFileChooser, JInternalFrame, JLabel, Inner classes Adapter classes, Using the Delegatiion event model, Event classes, java servlet technology, JRatioButton-Menultem JCheckBox, JRadioButton, JMenu. JTextField, JPasswordField, JButton, JMenultem, JCheckBox-Menultem, JtoolBar, JToolTip, JTree, JViewPort,JEditorPane, JTextPane, JTextArea, JSeparator, JSlider, JSplitPane, JTabbedPane, JTable, JTableHeader, JPopupMenu, JProgressBar, JRootPane, JScrollBar, JScrollPane, JMenuBar, JOptionPane, JLayeredPane, JDesktopPane, JPanel, **TEACHING PLAN 2016-17** SUB-TOPIC CLASS: COURSE: PLANNED TAKEN NO.OF LECTURES ō 0 TIT 5 7 U REMARKS REVIEWED BY (m g Le Lez

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SEMESTER:	V	CURPECT-Advanced IAVA	COURSE IT	-	
NAME OF TEACHER:	Sandhya Thakkar	hakkar	. 1		
MONTH	TOPIC	SUR-TOPIC	in the	REVENSES	AS COMPANES BY
	1		PLANNED TAKEN		
		RequestDispatcher Interface,			
		HttpServlet Class,			
		HttpServletRequest and HttpServletResponse Interfaces,	~	1	H
		HttpSession Interface,	to all		1
		Servlet Lifecycle.	Car las	Angel Ca	
	2	Working with servlets:		1	
		organization of a web application,			
		creating a web application(using netbeans),		traigin	
		creating a serviet, compiling and building the web application			
AFGIST	IDPC	Decien of IDPC	ā		
		JDBC configuration,	-	esora	
		Executing SOL statement,		1	
-		Query Execution,	1 Stal	P	
NUMBER		Scrollable and updatable result sets, row sets, metadata, Transaction.	man	Jacob D	
		JSP: Introduction, disadvantages,	600	jeats.	
		JSP v/s Servlets, Lifecycle of JSP, Comments,	dimensi Kanada	(ana)	Qeesing A
		JSP documents, JSP elements, Action elements, implicit objects,	Eleman eventse	SURGER ST	Burnid
****		scope, character quoting conventions, unified expression language.			
2000			i constru	iyanî ke	
AUGUST	Java server Faces	Need of MVC, what is JSF?,	9 - 11 - 1 - 10	1	
5950.0		components of JSF, JSF as an application,	-	1-1-1	0
-		JSF lifecycle, JSF configuration,		entro A	
		JSF web applications (login form, JSF pages)	Here's	Billion of	(SA)

NAMEOF	<	SUBJECT:Advanced JAVA	COURSE:	=		
TEACHER:	Sandhya Thakkar	<b>Thakkar</b>				
MONTH	TOPIC	SUB-TOPIC	NO.OF LECTURES	TURES	REMARKS	REVIEWED BY
			PLANNED	TAKEN		
	EJB	Enterprise bean architecture,				
		Benefits of enterprise bean, types of beans,				H
		Accessing beans, packaging beans,				
		creating web applications,				
		creating enterprise bean,				
	~	creating web client,				
		creating JSP file, building and running web application.				
SEPTEMBER	HIBERNATE	Introduction,				
		Writing the application,				
		application development approach,				
		creating database and tables in MySQL,				
		creating a web application,				
		Adding the required library files,				
		creating a java bean class,				
		creating hibernate configuration and mapping file, adding a mapping				
		resource, creating JSPs.				
	STRUTS	Introduction,				
		Struts framework core components, installing and setting				
		up struts, getting started with struts.				



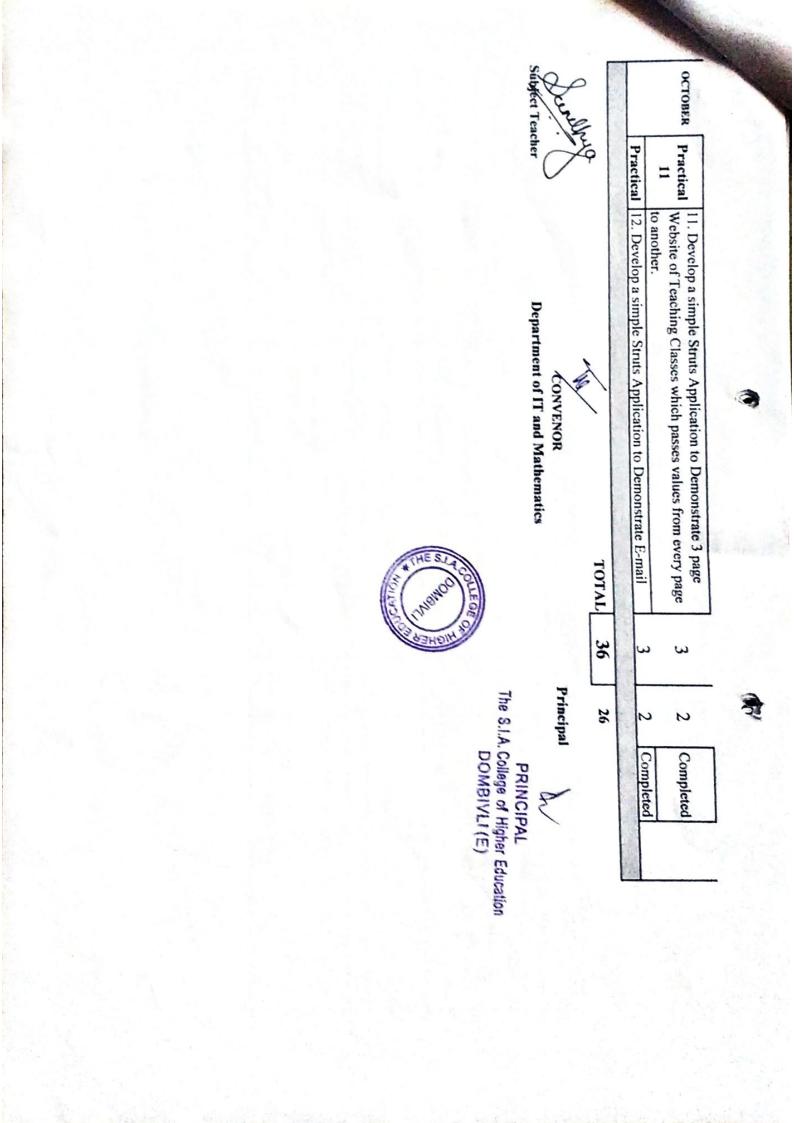
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Sandhya Thakkar         CLASS:         TYIT           TOPIC         SUB-TOPIC         NO.OF LECTURES         REMARKS           TOPIC         I. Write a java program to present a set of choices for a user to Selection from the list.         PLANNED         TAKEN         REMARKS           Practical 1         selection from the list.         Selection from the list.         3         2         Completed           Practical 2         Write a java program to demonstrate typical Editable Table.         3         2         Completed           Practical 3         another Displays the image of planet to demonstrate a screen anare form Left screen, appropriate image of planet sand in right screen.         3         2         Completed           Practical 4         demonstrate use of HttpServletRequest and HttpServletApplication of Basic Calculator (+,*,*,/,%)         3         2         Completed           Practical 5         Develop a SISP Application to accept Registration Details form         3         2         Completed           Practical 7         registration details. If login success the forward user to Index Page         3         2         Completed           Practical 8         Develop a Web application to add items in the inventory using JSB         3         2         Completed           Practical 9         Develop a Koom Reservation System Application Using         3	SEMESTER:	V	SUBJECT: Advanced JAVA Practical	COURSE:	T		
Thakkar         NO.OF LECTURES         REMARKS           TOPIC         SUB-TOPIC         NO.OF LECTURES         REMARKS           Practical         1. Write a java program to present a set of choices for a user to Selection from the list.         PLANNED         TAKEN           Practical         2. Write a java program to present a set of choices for a user to Selection from the list.         PLANNED         TAKEN           3. Write a java program to demonstrate typical Editable Table, and trivide in two parts, one part contains the names of Planets and divide in two parts, one part contains the names of Planets and another Displays the image of planet. When user selects the planet name form Left screen, appropriate image of planet displayed in right screen.         3         2         Completed           Practical         4. Develop Simple Servlet Question Answer Application to and HttpServletResponse interfaces.         3         2         Completed           Practical         5. Develop Servlet Application to Authenticate User Login as per the and HttpServletResponse interfaces.         3         2         Completed           Practical         6. Develop a JSP Application to accept Registration Details form registration details. If login success the forward user to Index Page at the otherwise show login failure Message.         3         2         Completed Completed           Practical         8. Develop a Arom Reservation System Application to store Feedback of Website at the otherwise aplot and the stabase.         3         <	NAME OF			CLASS:	TYIT		
Practical 1       I. Write a java program to present a set of choices for a user to       PLANNED       TAKEN         Practical 2       I. Write a java program to demonstrate typical Editable Table,       3       2       0         Practical 2       2. Write a java program to demonstrate typical Editable Table,       3       2       0         Practical 2       2. Write a java program using Split pane to demonstrate a screen       3       2       0         J. Write a java program using Split pane to demonstrate a screen       3       2       0         J. Write a java program using Split pane to demonstrate a screen       3       2       0         J. Write a java program using Split pane to demonstrate a screen       3       2       0         In ame form Left screen, appropriate image of planet manes of Planets and       3       2       0         Practical 4       demonstrate use of HttpServletRequest       3       2       0         Practical 5       Develop Servlet Application of Basic Calculator (+,-,*,/, %)       3       2       0         Practical 6       Develop a JSP Application to accept Registration Details form       3       2       0         Practical 7       registration details. If login success the forward user to Index Page       3       2       0         Practical 8       De	MONTH	Topic	SUB-TOPIC	-42	CTURES		REVIEW ED BY
Practical 1       Selection from the list.       3       2         Practical 2       Write a java program to demonstrate typical Editable Table.       3       2         Practical 2       Write a java program to demonstrate typical Editable Table.       3       2         Practical 2       Write a java program to demonstrate typical Editable Table.       3       2         Practical 3       another Displays the image of planet to demonstrate a screen right screen.       3       2       0         Practical 4       demonstrate use of HupServlet Question Answer Application to and HttpServletResponse interfaces.       3       2       0         Practical 5       Develop Servlet Application of Basic Calculator (+, -, *, /, %)       3       2       0         Practical 5       Develop a JSP Application to accept Registration Details form       3       2       0         Practical 7       Registration details. If login success the forward user to Index Page otherwise show login failure Message.       3       2       0         Practical 8       Develop a Web application to add items in the inventory using JSH 3       2       0       0         Practical 9       Develop a Reservation System Application to store Feedback of Website 3       2       0       0         Practical 8       Develop a Hibernate application to store Feedback of Website 3				PLANNED	TAKEN		
Practical 2       2. Write a java program to demonstrate typical Editable Table,       3       2         Image: Service a java program using Split pane to demonstrate a screen divided in two parts, one part contains the names of Planets and name form Left screen, appropriate image of planet. When user selects the planet and HttpServlet Question Answer Application to       3       2       0         Practical 4       demonstrate use of HttpServletRequest and HttpServletResponse interfaces.       3       2       0         Practical 5       Develop Servlet Application of Basic Calculator (+,-,*, /, %)       3       2       0         Practical 6       Develop a JSP Application to accept Registration Details form otherwise show login failure Message.       3       2       0         Practical 7       registration details. If login success the forward user to Index Page otherwise show login failure Message.       3       2       0         Practical 9       Develop a Hibernate application to store Feedback of Website 3       2       0       0         Practical 10. Develop a Hibernate application to store Feedback of Website 3       2       0       0         Practical 10. Develop a Atom Reservation System Application Using 3       2       0       0       0         Practical 10. Develop a Atom Reservation System Application Using 3       2       0       0       0       0       0       0       0		Practical 1	1. Write a java program to present a set of choices for a user to select Stationary products and display the price of Product after Selection from the list	3	2	Completed	
3. Write a java program using Split pane to demonstrate a screen         divided in two parts, one part contains the names of Planets and         Practical 3 another Displays the image of planet. When user selects the planet         name form Left screen, appropriate image of planet displayed in         right screen.         4. Develop Simple Servlet Question Answer Application to         Practical 4 demonstrate use of HttpServletRequest         and HttpServletResponse interfaces.         5. Develop Servlet Application of Basic Calculator (+,-,*, /, %)         Practical 5         0. Develop a JSP Application to accept Registration Details form         user and Store it into the database table.         7. Develop a JSP Application to Authenticate User Login as per the         practical 7       registration details. If login success the forward user to Index Page         otherwise show login failure Message.       3         Practical 8       8. Develop a Koom Reservation System Application Using       3         9. Develop a Hibernate application to store Feedback of Website       3       2         10. Visitor in MvSOL Database.       3       2		Practical 2	2. Write a java program to demonstrate typical Editable Table, describing employee details for a software company.	ω	2	Completed	A
right screen.4. Develop Simple Servlet Question Answer Application to4. Develop Simple Servlet Question Answer Application toPractical 4 demonstrate use of HttpServletRequestand HttpServletResponse interfaces.5. Develop Servlet Application of Basic Calculator (+,-,*, /, %)6. Develop a JSP Application to accept Registration Details form7. Develop a JSP Application to Authenticate User Login as per the7. Develop a JSP Application to Authenticate User Login as per the9. Develop a web application to add items in the inventory using JSHPractical 9 9. Develop a Room Reservation System Application Using9. Develop a Hibernate application to store Feedback of Website329	JULY	Practical 3	3. Write a java program using Split pane to demonstrate a screen divided in two parts, one part contains the names of Planets and another Displays the image of planet. When user selects the planet name form Left screen, appropriate image of planet displayed in	ω	2	Completed	
Practical 5 using Servlet Application of Basic Calculator (+,-,*, /, %)32Practical 6 user and Store it into the database table.327. Develop a JSP Application to accept Registration Details form 7. Develop a JSP Application to Authenticate User Login as per the otherwise show login failure Message.32Practical 7registration details. If login success the forward user to Index Page otherwise show login failure Message.32Practical 99. Develop a Room Reservation System Application to store Feedback of Website 332Practical 1010. Develop a Hibernate application to store Feedback of Website 332		Practical 4	4. Develop Simple Servlet Question Answer Application to demonstrate use of HttpServletRequest and HttpServletResponse interfaces.	ы	2	Completed	_
Practical 66. Develop a JSP Application to accept Registration Details form user and Store it into the database table.327. Develop a JSP Application to Authenticate User Login as per the otherwise show login failure Message.32Practical 7registration details. If login success the forward user to Index Page otherwise show login failure Message.32Practical 88. Develop a web application to add items in the inventory using JSH Practical 932Practical 99. Develop a Hibernate application to store Feedback of Website Visitor in MvSOL Database.32	AUGUST	Practical 5	5. Develop Servlet Application of Basic Calculator (+,-,*, /, %) using ServletInputStream and ServletOutputStream.	3	2	Completed	_
7. Develop a JSP Application to Authenticate User Login as per the       7. Develop a JSP Application to Authenticate User Login as per the       3       2         Practical 7 registration details. If login success the forward user to Index Page       3       2       2         Practical 8       Develop a web application to add items in the inventory using JSH       3       2       2         Practical 9       Develop a Room Reservation System Application Using       3       2       2         Practical       10. Develop a Hibernate application to store Feedback of Website       3       2       2         10       Visitor in MvSOL Database.       3       2       2		Practical 6	6. Develop a JSP Application to accept Registration Details form user and Store it into the database table.	ω	2	Completed	
Practical 88. Develop a web application to add items in the inventory using JSH32Practical 99. Develop a Room Reservation System Application Using32Practical10. Develop a Hibernate application to store Feedback of Website3210Visitor in MvSOL Database.32	SEPTEMBER	Practical 7	7. Develop a JSP Application to Authenticate User Login as per the registration details. If login success the forward user to Index Page otherwise show login failure Message.	ω	2	Completed	
3 3		Practical 8	8. Develop a web application to add items in the inventory using JSF		2	Completed	/
Vebsite 3 2		Practical 9	9. Develop a Room Reservation System Application Using		2	Completed	
		Practical	10. Develop a Hibernate application to store Feedback of Website	ω	2	Completed	

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March

Unit VI

Spatial Interpolation

SEMESTER:	V	Subject :Geographic Information System COURSE:	COURSE:		CBSGS	
NAME OF TEACHER:	:	Mrs. Sandhya Pandey	CLASS:		T.Y.I.T.	
MONTH	TODIC		NO DE LECTURES	CTURES	REMARKS	REVIEWED BY
			PLANNED	TAKEN		
November	Unit I	Spatial Data Concepts	10	80	( )	
	Unit II	Data Input and Geometric			70	1
December		transformation	10	00		
	Unit III					/
December		Attribute data input and data display	10		-	
January	Unit IV	Data exploration	10	8		-
		Vector data analysis,			_	
January	Unit V	Raster data analysis	10	00		
March	I Init VI	Snatial Internolation	10	7	/	
March	CIIIC VI	abarrar mich bonarion	-			

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**TEACHING PLAN 2016-17** 

Signature of S	(molling	March		February			January		December	Month	NAME OF TEACHER:	SEMESTER:	43MOS	
Signature of Subject Teacher	14	7	6		S	4	3	2	-	Practical No		М	THE S.L.K CO	0
Signature of Convenor	Cartography	3D visualizations	analysis, extract overlay	Distance and decisions analysis (spatial, geo-	Querying GIS data	Implement 3D layers (DEM, Contours, TIN, 3D mod	Geo-referencing and image registration	Generate data (points, line, polygons) and topolog	Implement data in import and generation coordinate system basics.	Practical list	Sandhya Pandey	SUBJECT: GIS(Practical)	THE S.F.S. COLLEGE OF HIGHER EDUCATION; -O, BIVLI(EAST) TEACHING PLAN 2018-2019 THE SIA COLLEGE OF HIGHER EDUCATION, DOMBIVLI(E) TEACHING PLAN 2016-17	
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SEMESTER:	IA	SUBJECT: Datawarehousing	COURSE:	F		
NAME OF TEACHER:	Sandhya Thakkar		CLASS:	TYIT		
MONTH	TODIC	SUB TODIC	NO.OF LECTURES	TURES	Methodology	REVIEWED BY
	10110		PLANNED TAKEN	TAKEN		
		Introduction to Data Warehousing:				
		Introduction, Necessity, Frameworkof the datawarehouse, options,				
		developing datawarehouses, end points.				
Doombar	II-1 I.	Data Warehousing Design Consideration and Dimensional Modeling:	10	~	Practical	E
December	Curt-1.	Defining Dimensional Model, Granularity of Facts, Additivity of Facts,	1		with theory	
		Functional dependency of the Data, Helper Tables				
		Implementation manyto-many relationships between fact and dimensional modelling				
			a permit		人口と考える時代	and the second second
January	Unit II :	An Introduction to Oracle Warehouse Builder:				
		Installation of the database and OWB, About hardware and operating systems.				
		Installing Oracle database software, Configuring the listener, Creating the				1
		Installing the OWB standalone software,			with theory	¥
		workspaces.Defining and Importing Source Data Structures:	10	9	and real time	
		source metadata,			examples	
		Creating a project, Creating a module, Creating an Oracle Database				
		module, Creating a SQL Server database module, Importing source				
		metadata from a database,				
		Defining source metadata manually with the Data Object Editor, Importing				

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TEACHING PLAN 2016-2017	THE SIA COLLEGE OF HIGHER EDUCATION, DOMBIVLI(E	
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					repruary												MONTH TO	NAME OF TEACHER: San	SEMESTER:
																	TOPIC	Sandhya Thakkar	IA
a stand of the stand I loing the Date Object Editor	Creating the Store dimension with the New Dimension Wizard, Creating a cube in OWB,	The Store dimension, Store Attributes (attribute type), data type and size, and (Identifier),Store Levels, Store Hierarchy (highest to lowest),	Product Hierarchy (highest to lowest), Creating the Product dimension with the New Dimension Wizard,	Product Attributes (attribute type),Product Levels,	Creating dimensions in OWB, The Time dimension, Creating a Time dimension with the Time Dimension Wizard. The Product dimension.	Creating the Target Structure in OWB:	Create a target user, Create a target module, OWB design objects.	user and module,	Designing the cube, Data warehouse design in OWB, Creating a target	Designing the ACME data warehouse, Identifying the dimensions,	implementation (OLAP),	Relational implementation (star schema), Multidimensional	Implementation of a dimensional model in a database,	Data warehouse design, Dimensional design, Cube and dimensions,	Designing the Target Structure:		SUB-TOPIC		SUBJECT: Datawarehousing
-						10				Y						PLANNED TAKEN	NO.OF LECTURES	CLASS:	COURSE:
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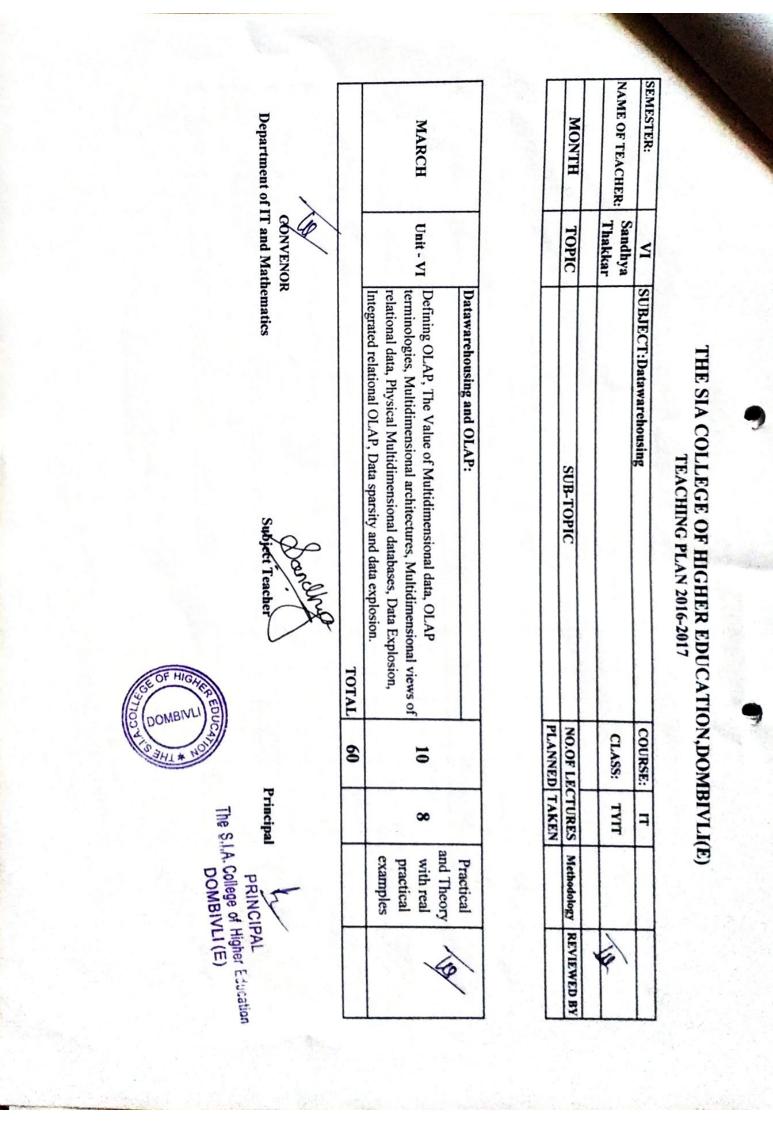
	Unit -V:	February Unit - IV :		MONTH TOPIC	NAME OF TEACHER: Sandhya Thakkar	SEMESTER: VI
<ul> <li>STOKE mapping, Adding source and target operators, Adding Transformation Operators, Using a Key Lookup operator, Oreating an external table.</li> <li>Creating and loading a lookup table, Retrieving the key to use for a Lookup Operator, Adding a Key Lookup operator, PRODUCT mapping, SALES cube mapping.</li> <li>Dimension attributes in the cube. Measures and other attributes in the</li> </ul>		<ul> <li>Extract, Transform, and Load Basics:</li> <li>ETL, Manual ETL processes, Staging, To stage or not to stage, Configuration of a staging area, Mappings and operators in OWB, The canvas layout, OWB operators, Source and target operators, Data flow operators, Pre/post-processing operators.</li> <li>V:</li> <li>Designing and building an ETL mapping: Designing our staging area, Designing the staging area contents, Building the staging area table with the Data Object Editor, Designing our mapping, Review of the Mapping Editor, Creating a mapping.</li> </ul>		C SUB-TOPIC		SUBJECT: Datawarehousing
PTO_		10	PLANNED	NO.OF LECTURES	CLASS	COURSE:
		8	TAKEN	TURES	INIT	IT
Practical and Theory with real practical coumples		Practical and Theory with real practical examples		Methodology		
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	compres			dimensional objects and auto-onitoing, watercouse services		
	practical			Synchronizing objects, Changes to tables, Changes to		
A	and Theory with real		PTO	Additional editing features, Metadata change management, Recycle Bin, Cut, copy, and paste, Snapshots, Metadata Loader (MDL), exports and imports,	Unit - VI	MARCH
				Extra Features:		
a tarta			111 1 K 1	Execution order.		
				Deploying and executing remaining objects, Deployment Order,		
				overview, Deploying in the Control Center, Manager, Executing,		
				The Control Center Manager, The Control Center Manager window		
				and Data Object Editor,		
1	examples			Deploying, The Control Center Service, Deploying in the Design Center		MARCH
4	incory with	œ	10	Generating in the Data Object Editor, Generating in the Mapping Editor,	i	N DOT
1	Theory with			Generating, Generating in the Design Center, Generating from the editors,		
	Deartical and			Validating in the Data Object Editor, Validating in the Mapping, Editor,		
				Validating, Validating in the Design Center, Validating from the editors,		
				Validating, Generating, Deploying, and Executing Objects:		

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			notinge.			



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cess and create	Pivot	10. Import the cube in access and create Pivot table and chart.	Pivot table and chart. 3	
ind Pivot chart	using	Practical 9 9. Create the Pivot table and Pivot chart using some existing data or	using some existing data or 3	using some existing data or 3 2
8. Perform the deployment of Warehouse			3	
7. Generate the different types of reports in using Oracle.	in usi	in using Oracle.	in using Oracle. 3	
6. Create the cube and process it in OWB.			3	3 2
5. Perform the ETL process and transform it to data marts.	it to	it to data marts.	it to data marts. 3	
4. Designed and build the ETL mapping			3	3 2
3. Create the target structure in OWB (Oracle Web Builder)	le V	le Web Builder)	le Web Builder) 3	
2. Design the target data structure using Oracle	icle	Icle	icle 3	
1. Importing the source data structures in Oracle	racle	racle.	racle. 3	
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SUB-TOPIC		Z	NO.OF LEG	NO.OF LECTURES
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SUBJECT: Datawarehousing Practical			COURSE	COOMDER 11

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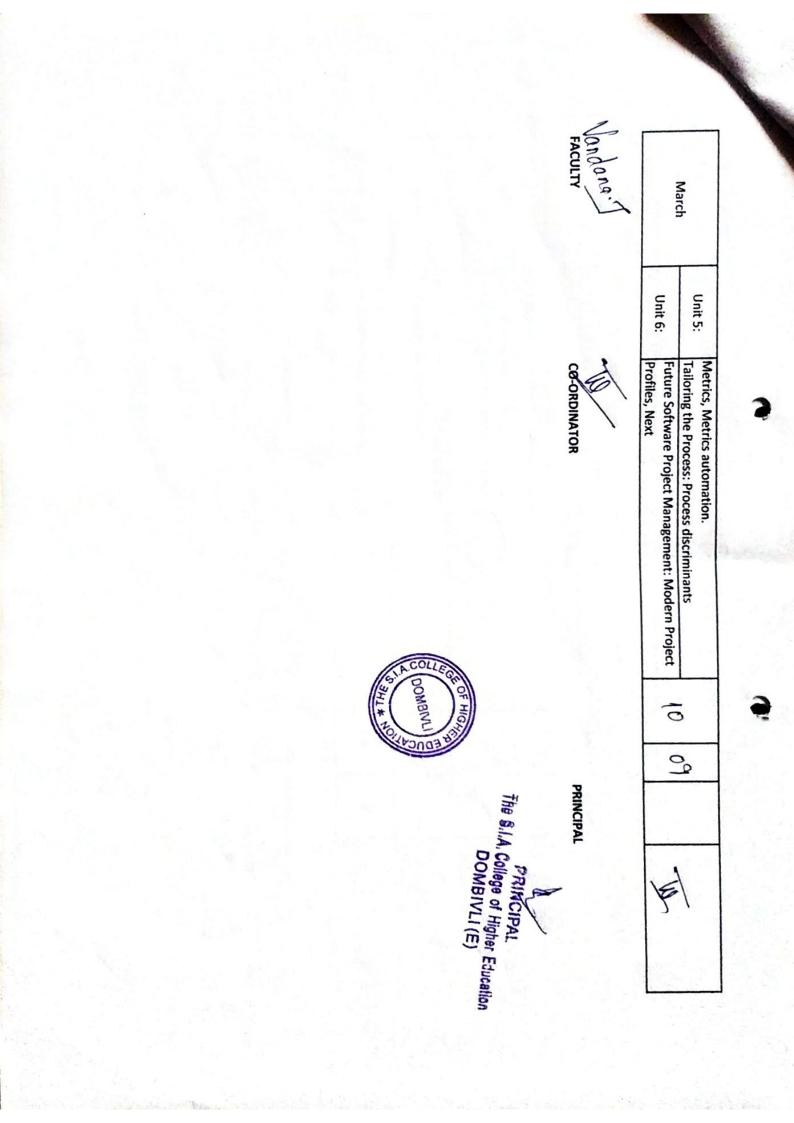
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**TEACHING PLAN 2016-17** 

1111	CLASS:	MRS. Vandana Jadhav	-	NAME OF TEACHER:
			:	
	COONSE.	SUBJECT: Project Management	<	SEMESTER
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NAME OF TEACHER:		MRS. Vandana Jadnav				
MONTH	TOPIC	SUB-TOPIC	NO.OF LEC	TURES	CTURES REMARKS	<b>REVIEWED BY</b>
	10		PLANNED	TAKEN		
November	Unit 1:	Conventional Software Management: The waterfall	4	4		
INCRETITION	Introduction	model, conventional	-	-		
		pragmatic software				1
		cost estimation.		1	134	1 m
	Unit 1:	Improving Software Economics: Reducing Software				X
	Introduction	product size, improving				
December		software processes, improving team effectiveness,	0			
		software		0		
		Engineering, principles of modern software				
	Unit 2:	management, transitioning to an				
		iterative process.Life cycle phases: Engineering and				+
	linit 7.	artifacts, Engineering				
	Out Li	artifacts, programmatic artifacts.				_
		Iteration workflows.		Q		_
Inning		Checkpoints of the process: Major mile stones, Minor	0	_		_
Linningr		Milestones, Periodic		1		
		status assessments.				-
		Iterative Process Planning: Work breakdown structures,				
	Unit 3:	planning guidelines,				
		Project Organizations and Responsibilities: Line-of-		1		/
	Unit 4:	Business Organizations,		1)		/
		Project Organizations, evolution of Organizations.		-		/
February		core Metrics,				/
	Unit 5:	Management indicators, quality indicators, life cycle				
		expectations, pragmatic				



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SEMESTER:	4	SUBJECT:INTERNET TECHNOLOGY	COURSE:		-	-
NAME OF TEACHER:		MRS.S.SAI SREE	CLASS:		TNIT	-
	TODIC	CIR_TOPIC	NO.OF L	NO.OF LECTURES	REMARKS	<b>REVIEWED BY</b>
month			PLANNED	TAKEN		
November	Unit 1:		R	00	•	
	Introduction	OSI Model, TCP/IP Protocol Suite	ľ			
	Unit 1:	IPV 4 Addresses and Protocol and			~	
	Introduction	IPV6 Addresses and Protocol				/
December		Address Resolution Protocol (ARP),	0	0	nge	Tio
	Unit 2:	Internet Control Message Protocol	0	Ø	e G	Y
		Version 4 (ICMPv4)			2	1.
January	Unit 2:	Mobile IP, Unicast Routing Protocols	00	00	Ce	
	Unit 3:	User Datagram Protocol (UDP)				
		Stream Control Transmission Protocol			-	
	Unit 4:	(SCTP), Host Configuration: DHCP,	0	0	~	
February		Domain Name System (DNS)	D	D	-	/
	Unit 5:	Remote Login: TELNET and SSH				
		File Transfer: FTP and TFTP ;				/
	Unit 5:	World Wide Web and HTTP,	00	08	L	
March		Electronic Mail: SMTP, POP, IMAP	1			
	Unit 6:					/

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**TEACHING PLAN 2016-17** 

SUBJECT:INTERNET TECHNOLOGY

COURSE:

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4	4		March
4	4	5. Configuring OSPF. 6. Configuring UDP and TCP 7. Run different STCP commands	February
6	σ	<ol> <li>Use of ping and tracert / traceroute and arp utilities.</li> <li>Configure IP static routing.</li> <li>Configure IP routing using RIP</li> </ol>	January
4	4	<ol> <li>IPv4 Addressing and Subnetting         <ul> <li>Given an IP address and network mask, determine other information about the IP address such as:</li> <li>Network address</li> </ul> </li> <li>Network broadcast address</li> <li>Total number of host bits</li> <li>Number of hosts</li> <li>Given an IP address, network mask, and subnetwork mask, determine other information about the IP address such as:         <ul> <li>The subnet address of this subnet</li> <li>The subnet address of this subnet</li> <li>The broadcast address of this subnet</li> <li>The range of host address sort this subnet</li> <li>The number of subnet of subnets for this subnet mask</li> <li>The number of hosts for each subnet</li> <li>The number of this subnet bits</li> <li>The number of this subnet</li> </ul> </li> </ol>	December
TAKEN	PLANNED	PROGRAM	MONTH
NO. OF SESSIONS	NO. OF S	MRS.S.SAI SREE	NAME OF TEACHER:
	Ĭ	VI SUBJECT: INTERNET TECHNOLOGY	SEMESTER:

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Term / Semester : Subject :

Mahesh.G.Kandalkar

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**Financial Accounting** 

Month

Topic

Sub-Topic

Planned

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No. of Lectures

Remarks

**Reviewed By** 

Name of the Teacher :

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Course

The SIA College of Higher Education, Dombivli (East)

Class

Accounting transactions Stock valuation

> problems on journal theory ,problems

July

Capital, Revenue, Deferred

meaning, features

problems

Revenue expenses

Issue of shares

journal entries, problems

Journal,Ledger

Hire purchase

Journal entries, problems

eg.

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Errors and rectification

Final A/c

Problems

Total

BRS

September

Accounting standards

Theory

Subsidiary books

cashbook,petty cash book

**Trial Balance** 

Problems

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Functins and working ob Banking and Insurance 4		August
ň	Phases of develop of Banking and Ins	
Significance and Role of Banking and Insurance in mobilizing savings.		
urance Meanig, Defination and scope 3	Banking and Insura	
Merchant Banking, Stock Broking and Credit Rating. 8	Financial services	July
Leasing, Hire purchase, Factoring, Forefaiting, Letter of Credit, Insurance, Venture Capital,		
Instrumnets 1		
Marketing Structure	r mancial system	
Plann Plann	Financial system	
Sub-Topic No.	Topic	Month
Class	EVMIS	Subject :
Babita Nagdev Course	Name of the Teacher :	ame of the
<b>TEACHING PLAN 2016-2</b>	-	erm / Com
THE SIA COLLEGE OF HIGHER EDUCATION Dombivli (E)		
		THE SIA COLLEGE OF HIGHER EDUCATION Dombivii (E)         Dombivii (E)         Dombivii (E)         Dombivii (E)         Dombivii (E)         Dombivii (E)         Dombivii (E)         Class         Class         Topic       No.         Topic       No.         Institutional set-up       Class         Institutional set-up       No.         Marketing Structure       No.         Instrummets       1         Instrummets       1         Instrummets       1         Insurance, Venture Capital, Insurance, Venture Capital, Merchant Banking, Stock Broking and Credit Rating.       8         Insurance in mobilizing savings, investment, accumulation and scope       3         Ad Insurance in mobilizing savings, investment, accumulation and economic growth.       8         Functins and working ob Banking

Dan

convenor: my and all ar September Framework of Banking & Insurance Management, Regulation and and management Total Regulatory and Developmenta and regulation, Prudential Norms Development Management in Banking and Risk Management, Asset-Liability Insurance, Organisatiuonal structure Subject Teacher: Banking companies and RBI Acts, IRDA, Mechanism of supervisiom Development activites of RBI and q Della 39 6 6 0 11 о П С L The S.I.A. College of Higher Education DOMBIVLI (E) 1 minut Principal:

	july-aug 2016	j <del>une-</del> july2016			July 16			Month	Name of the T Subject : PRI	Term / Semester : I		2016-17	
	Organization Structure of Banking and Insurance companies	Management process			Introduction to management			Topic	Name of the Teacher : RENU VERMA Subject : PRINCIPLES OF MANAGEMENT		TEA	THE SIA	
	<b>cture</b> of Organization Structure of Banking and <b>Insurance</b> Insurance companies over all view	Management Process, Practices, Functions of Management related to Banking and Insurance companies	Taylor, I cici Excernity	Management (Henry Fayol, F.W.	Definition of Management Management as a Profession			Sub-Topic			<b>TEACHING PLAN 2016-2017</b>	THE SIA COLLEGE OF HIGHER EDUC/ Dombivli (E)	
	9	12				раппеч	planned	No. of Lectures	Class	Course	17	DUCATION	
	10	4			+	Ianch	Taken	ectures					
		(O)	200	let				Remarks	FYBI	B&I			
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		40	45		
				Monetary Fund	
				Fed Reserve, President of International	
				Asian Development Bank, President of	
				President of World bank, President of	
			4	International Leader	
				Narayan Murthy, Anand Mahindra,	
				Kochhar, Hinduja, Godrej, Aziz Premzi,	
				Kidwai, Deepak Parekh, Chanda	
	4			Uday Kotak, K.V. Kamath Naina	
	r mr			(Banking & Insurance: H.Shanbagh.	
(				Kochhar, Hinduja, Indian Leaders	
(mar)				Kidwai, Deepak Parekh, Chanda	
					4
		06			Aug-2
		>	6	Indian Leaders	-
				Industry	Huy
		07	2	Leaders in the Banking and Insurance	7
				Varohese Kurien)	(
				and Sons, Kiran Mazumdar Shaw,	2
				Mangalam Birla, Mr. Dhirubhai Ambani	Ang
		6		Tata, Ratan Tata, Aditya Birla, Kumar	>
Å		1	3	Business leaders Leaders in the Indian Industry ( J.R.D	Supeto

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		Dombivli(E)				
		TEACHING PLAN 2016-17	-17			
erm/Se lame of	Term/SeI semester Name of the lecturer: Lvnette Rebello		Department:	f:	BI	
Subject:	Subject: Quantitative Methods I		Class :	-	Fy BI	
Month	Topic	Sub - Topic	No of Lectures Taken	ctures en	Remarks	Reviewed By
			Planned	Taken		
	Introduction to Statistics	Functions, Limitations, Scope				
	Data	Types of data, primary secondary	10	15		
July	Presentation of Data	Frequency distributions, discret and continuous,				
		tabulation, graph and diagrams(histogram, frequency,				
		simple, multiple bar )				
	Central tendency	Mean, median, mode calculation and graphical			-	)
		representations, Geometric mean and Harmonic Mean				ANAN,
	Measures of Dispersion	Range, quartile deviation, mean deviation from mean				(
August		Median and Mode, Standard Deviation	16	14	01.	
	Correlation	Karl pearsons, spearmens rank correlation			m	
	Linear Regression	Relation with Correlation, Fitting of Straight Line			Са	
		Least square Method				
	Index Numbers	Aggregate and Relative Method of constructing Index Nos				
		Chain based I.No, Time Reversal Test,				
	Probability	Sample space, events, addition, multiplication		-		
Sept		conditional, baye's theorem, expectation and variance	12	55		

SIA COLLEGE OF HIGHER EDUCATION

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[							
		Insurance .			Decision Theory		
To lad.	Claim mCalculation and Surrender Value	Definition Insurance, Paid Up Value, Maturity Value	Maximax, MinimaxEMV,EOL,EVPI, Decision tree	decision making under certanity and uncertanity	Acts, state of nature, payoffs, opportunity loss	probabiltiy distribution concepts	
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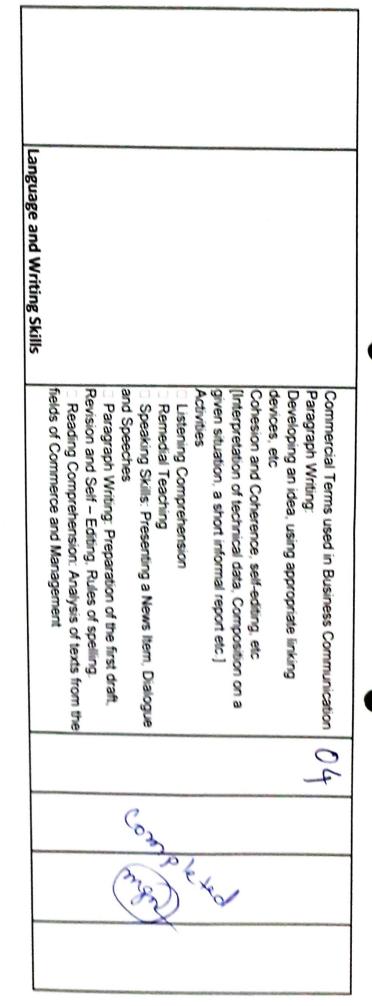




		August					July Theory of		Month	Subject: BC	emester : the Teacher	
							Theory of Communication		Topic		tra Gnadhi	
Modes: Telephone and SMS Communication 3 (General introduction to Telegram to be given) Facsimile Communication [Fax] Computers and E- communication Video and Satellite Conferencing	Methods: Verbal and Nonverbal, Characteristics of Verbal Communication Characteristics of Non- verbal Communication, Business Etiquette	Methods and Modes of Communication:	Motivation, Education, Warning, and Boosting the Morale of Employees(A brief introduction to these objectives to be given)		•	Channels and Objectives of Communication: Channels-	<b>Concept of Communication</b> : Meaning, Definition, Process, Need, FeedbackEmergence of Communication as a key concept in the Corporate and Global worldImpact of technological advancements on Communication		Sub-Topic			THE SIA COLLEGE OF HIGHER EDUCATION Dombivli (E) TEACHING PLAN 2016-2017
llite Conf		22					10	Planned	No. of Lectures			
erencin		8					80	Taken	ectures	Class	Course	
				6	קרי	6.	,		Remarks	FYBI	81	
					ng	$\rangle$			Reviewed By		·	P.NO.

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1111       Communication:         Physical/ Semantic/Language / Socio-Cultural /         Psychological / Barriers, Ways to Overcome         Listening: Importance of Listening Skills,         Lultivating good Listening Skills - 4         Introduction to Business Ethics:         Concept and Interpretation, Importance of         Business Ethics, Personal Integrity at the         workplace, Business Ethics and media,         Computer Ethics, Corporate Social Responsibility         Surrogate Advertising, Patents and Intellectual         Property Rights, Dumping of Medical/E-waste,         Human Rights Violations and Discrimination on         the basis of gender, race, caste, religion,         appearance and sexual orientation at the         workplace         Pracy, Insurance, Child Labour         Pracy, Insurance, Child Labour         Prany. Block Principles of Effective Letter Writing.         Personnel Correspondence:         Statement of Purpose, Job Application Letter and         Resume, Letter of Acceptance of Job Offer, Letter of         Resignation         ILetter of Recommendiation (to be taught but not to be         tester of Recommendation)	September _ oct Business Correspondence												in Business World		Obstacles to Communication in
04	Resignation [Letter of Appointment, Promotion and Termination, Letter of Recommendation (to be taught but not to be tested in the examination)]	Semi - Block Principles of Effective Letter Writing, Principles of effective Email Writing, Personnel Correspondence: Statement of Purpose, Job Application Letter and Resume, Letter of Acceptance of Job Offer, Letter of	Theory of Business Letter Writing: Parts, Structure, Layouts—Full Block, Modified Block,	Piracy Insurance Child Labour	of gender, race, caste, relig and sexual orientation at	Human Rights Violations and Discrimination on	õ.	Business Ethics and Ethics, Corporate Social Respon	Ethics, Personal Integrity at t	Importance	8.8	nportance of Listening	/ barriers, ways	1.00	In Communication;
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Co-ordinator

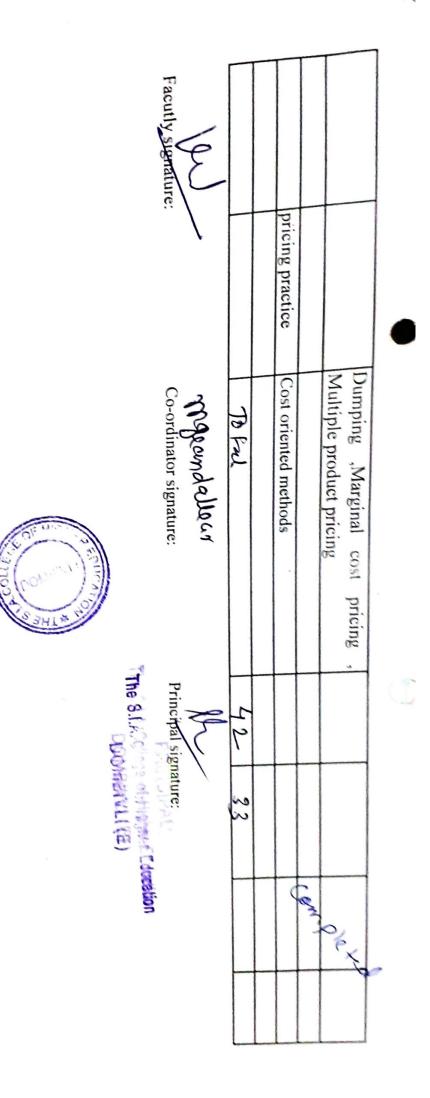
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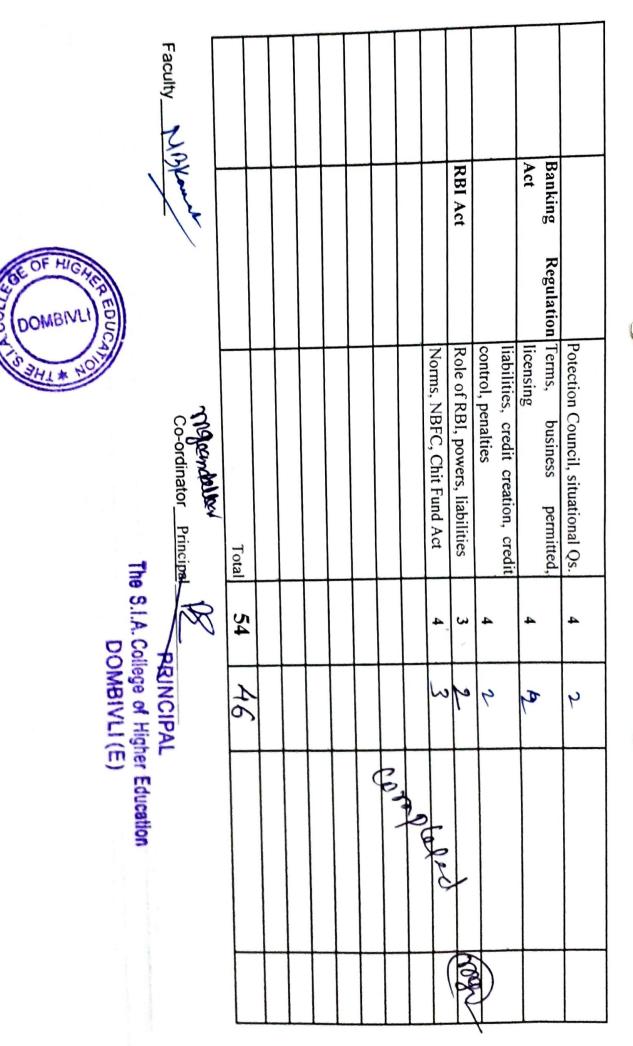
DOMBIVLI (E)

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THE SIA COLLEGE OF HIGHER EDUCATION           Dombivil (E)           TEACHING PLAN 2016-2017           TEACHING PLAN 2016-2017           TEACHING PLAN 2016-2017           TEACHING PLAN 2016-2017           Course:         B&I           Gombivil (E)           Course:         B&I           Course:         B&I           Course:         B&I           Course:         B&I           Course:         B&I           Course:         B&I           Module 1         Class:         FYB&I           Module 1         Sub-Topic         planned         taken         Remarks         Reference           Module 1         Introduction         Sope and importance of business economics         I         I	te D				demand forecasting : Meaning,		
THE SIA COLLEGE OF HIGHER EDUCATION           Dombivii (E)           TEACHING PLAN 2016-2017           TEACHING PLAN 2016-2017           TEACHING PLAN 2016-2017           TEACHING PLAN 2016-2017           Course:         Baki           of the Teat Vani Mudaliar         Course:         Baki         Image: FYB&I         Katen         Remarks	a Du						
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THE SIA COLLEGE OF HIGHER EDUCATION         Dombivil (E)         TEACHING PLAN 2016-2017         Basiness Economics I Sub-Topic       planned       taken       Remarks         Month       Topic       Sub-Topic       planned       taken       Remarks         Module 1       Sope and importance of business economics       12       11       11         Module 1       Sope and importance of business economics       12       11       11         Introduction       Basis econimes       12       11 </td <td>A NOT</td> <td></td> <td></td> <td></td> <td>Elasticity of demand : Income, Cross</td> <td></td> <td></td>	A NOT				Elasticity of demand : Income, Cross		
THE SIA COLLEGE OF HIGHER EDUCATION           TEACHING PLAN 2016-2017           Teaching Planned Vani Mudaliar           sub consist         Cass:         FYB&I         Image           Month         Topic         planned         taken         Remarks           Module 1         Sub-Topic         planned         taken         Remarks           Module 1         Sub-Topic         planned         taken         Remarks           Module 1         Sub-Topic         planned         taken         Remarks           Module 1         Sope and importance of business economics         10         colspan="2">colspan="2">colspan="2">colspan="2">colspan="2">colspan="2">colspan="2">colspan="2">colspan="2">colspan="2">colspan="2">colspan="2">colspan="2">colspan="2">colspan="2">colspan="2"colspan="2"colspan="2">Colspan="2"colspan="2"colspan="2"c					concepts and importance of		
THE SIA COLLEGE OF HIGHER EDUCATION         Dombivii (E)         TEACHING PLAN 2016-2017         Course:       B&I         m / Semester       I sem       Course:       B&I       Image       Image       Course:       B&I       Image       I					determinants of demand		
$\begin{tabular}{ c c c c c c c c c c c c c c c c } \hline THE SIA COLLEGE OF HIGHER EDUCATION $$$ The SIA COLLEGE OF HIGHER EDUCATION $$$ The Analysis is decision making $$$ to interval to interval and $$ and$					Demand function		-
THE SIA COLLEGE OF HIGHER EDUCATION         Dombivil (E)         TEACHING PLAN 2016-2017         Course:       B&I         m / Semester       I sem       Course:       B&I       Image         get:       Business Economics       Class:       FYB&I       Image       Image       Remarks       Remarks         Month       Topic       Sub-Topic       planned       taken       Remarks       Remarks         Module 1       Scope and importance of business economics       12       11       Image       Image <thimage< th=""></thimage<>						Aodule 2	-
THE SIA COLLEGE OF HIGHER EDUCATION         Dombivil (E)         TEACHING PLAN 2016-2017         TEACHING PLAN 2016-2017         TEACHING PLAN 2016-2017         TEACHING PLAN 2016-2017         Course:       B&I         m / Semester       I sem       Course:       B&I       Image:       B&I         n / Semester       I sem       Course:       B&I       Image:       Image:       FYB&I       Image:       Image:       FYB&I       Image:       Image:       FYB&I       Image:       Image:       FYB&I       Image:       Image:       Image:       FYB&I       Image:       Image:       FYB&I       Image:       Image:       Image:       FYB&I       Image:       Image: <td></td> <td></td> <td></td> <td></td> <td>curve and equilbriums</td> <td></td> <td></td>					curve and equilbriums		
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THE SIA COLLEGE OF HIGHER EDUCATION         Dombivili (E)         TEACHING PLAN 2016-2017         Course:       B&I         n / Semester I sem       Course:       B&I       Image       Image       Course:       B&I       Image					and eulibrium price		
THE SIA COLLEGE OF HIGHER EDUCATION         Dombivli (E)         TEACHING PLAN 2016-2017         Course:       B&I         B&I       Course:       B&I         Course:       B&I       Course:       B&I         Modula Iar       Sub-Topic       planned       taken       Remarks         Month       Topic       Sub-Topic       planned       taken       Remarks         Month       Topic       Scope and importance of business economics       12       11       1		C		ly	The Basics of market demand, market supp		
THE SIA COLLEGE OF HIGHER EDUCATION         Dombivli (E)         TEACHING PLAN 2016-2017         Course:       B&I       Image: Seconomics I       Sub-Topic       Planned       taken       Remarks         Month       Topic       Sub-Topic       planned       taken       Remarks         Month       Topic       Sub-Topic       planned       taken       Remarks         Month       Topic       Sub-Topic       planned       taken       Remarks       Image: Seconomics       II		entre 1			Use of Marignal analysis is decision making		
THE SIA COLLEGE OF HIGHER EDUCATION         Dombivii (E)         TEACHING PLAN 2016-2017         Teaching Planned 20016-2017         Teaching Planned 20017         North Topic       Planned 20016         Month       Topic       Sub-Topic       planned       taken       Remarks         Month       Topic       Sub-Topic       planned       taken       Remarks         Module 1       Scope and importance of business economics       12       11       1         Module 1       Bacis tools,       12       11       1         Machine       Deportunity cost Principle       12       11       1         Basis econimes       12       11       1       1         Basis econimes       1       1       1       1         Basis econimes       1       1       1       1       1         Basis econimes       1       1       1       1       1 <th1< th=""></th1<>		Jales			Total, Avengers and Marinal relation		
THE SIA COLLEGE OF HIGHER EDUCATION         Dombivii (E)         TEACHING PLAN 2016-2017         Course: B&I         Balines         Course: B&I         Course: B&I         Jourse: B&I         Jourse: FYB&I         Jourse: FYB&I         Month       Topic       Sub-Topic       planned       taken       Remarks         Module 1       Scope and importance of business economics       12       11       14         Module 1       Bacis tools,       12       11       14	(JUMAN)				functions euation		
THE SIA COLLEGE OF HIGHER EDUCATION         Dombivli (E)         TEACHING PLAN 2016-2017         TEACHING PLAN 2016-2017         TEACHING PLAN 2016-2017         TEACHING PLAN 2016-2017         Course:       B&I         ae of the Teat Vani Mudaliar       Course:       B&I         ae of the Teat Vani Mudaliar       Class:       FYB&I       Integet         ject :       Business Economics I       Class:       FYB&I       Integet         Month       Topic       Sub-Topic       planned       taken       Remarks         Module 1       Scope and importance of business economics       12       11       Integet       11         Module 1       Bacis tools,       12       11       Integet       11       Integet       11         Module 1       Deportunity cost Principle       12       11       11       11       11       11       11         Incremental and Marginal concepts	þ				Basis econimes		
THE SIA COLLEGE OF HIGHER EDUCATION         Dombivli (E)         TEACHING PLAN 2016-2017         m / Semester       1 sem       Course:       B&I       Media         ne of the Tea       Vani Mudaliar       Course:       Image: Course:       B&I       Media       Media       Media       Image: Course:       B&I       Media       Media       Media       Sub-Topic       Class:       FYB&I       Memarks					Incremental and Marginal concepts		
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Im IntroductionTHE SIA COLLEGE OF HIGHER EDUCATIONDombivil (E)TEACHING PLAN 2016-2017TEACHING PLAN 2016-2017m / SemesterI semne of the Tea Vani MudaliarCourse:Business Economics ICourse:Business Economics IClass:PannedFYB&IMonthTopicModule 1Scope and importance of business economicsImportance of business economicsImportance of business			11	12	Bacis tools,		
$\begin{tabular}{ c c c c c c c } \hline THE SIA COLLEGE OF HIGHER EDUCATION & & & & & & & & & & & & & & & & & & &$				CS	Scope and importance of business economi	Introduction	
$\begin{tabular}{ c c c c c c c } \hline THE SIA COLLEGE OF HIGHER EDUCATION & & & & & & & & & & & & & & & & & & &$						Module 1	
THE SIA COLLEGE OF HIGHER EDUCATION         Dombivli (E)         TEACHING PLAN 2016-2017         emester 1 sem         Course: Business Economics I         Class: F	Reviewe d By	Remarks	taken	planned	Sub-Topic	Topic	Month
THE SIA COLLEGE OF HIGHER EDUCATION         Dombivli (E)         TEACHING PLAN 2016-2017         emester 1 sem         Course:         Business Economics I							
THE SIA COLLEGE OF HIGHER EDUCATION         Dombivli (E)         TEACHING PLAN 2016-201         Ster 1 sem         Course:         Tea Vani Mudaliar			FYB&I	Class:	cs I	<b>Business</b> Economic	
THE SIA COLLEGE OF HIGHER EDUCATION Dombivli (E) TEACHING PLAN 2016-201						Vani Mudaliar	
			B&I	Course:		1 sem	Term / Semester
THE SIA COLLEGE OF HIGHER EDUCATION Dombivli (E)		3	7		<b>TEACHING PLAN 20</b>		
THE SIA COLLEGE OF HIGHER EDUCATION					Dombivli (E)		
				DUCATION	THE SIA COLLEGE OF HIGHER F		

ſ																					September							
			pricing practice	Module IV: Market										cost of production											production	subbry and	Module 3	
Price inderterminateness	monopolyin the shortrun and long run	im of afirm and indu	oligoploy	Monoploy	Features of Perfect competition .	case study	lysis	and	ost reduction through	run	Relationship in the short run and long	monopoly	Revenue under perfect compititon and		Total revenue, Average revenue and	and variable cost,	sunk cost and incremental cost fixed	cost, historial cost, replacement cost ,	implicit and explicit, social and private	Accountion cost and economics cost,	economies of scale	Law returns to scale	Producers equilibrium	Isoquants	Law of variable proposrtion	1 MII	Production function: short run and long	case study
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	1.	Defn, objectives, redressal		
Comple	4	accessor, meetings		
Comple	•	contents of policy surveyor/ loss		
Comple	4	TPA	Actuary	
Comple	T	Appointment, powers/duties,		
en pla	3	of conduct		
mole		insurance advt.disclosure, code		
2000		Investigation, inspection,		
200	4	committee	IRDA Act	
		Duties, role, functions, advisory		
	2 2	insurer, problemQs.		
	,	Duties & Obligations of re-		
e e	2 2		Insurance Act	July
	4	capital structure, nomination		
- The	5	Defn, Registration, renewal,		
	2 7	Effect of non-registration	ł.	
	2 2	Registration compulsory/optional	Registration Act	
	2 2	stamped, penalty		
	2 2		Indian Stamp Act	June
		Principles of charging duty.		
en	Planned Taken	P		
Remarks Reviewed	No. of Lectures	Sub-Topic	Topic	Month
SYBI	Class		Laws realating to B/I	Subject :
			Name of the Teac Prof. Neelima Kamat	ame of the Tea
e BI	Course		1 II	Term / Semester :1
			TEACHING PLAN 2014 2015 2016-17	ING PLAN 20
			Dombivli (E)	



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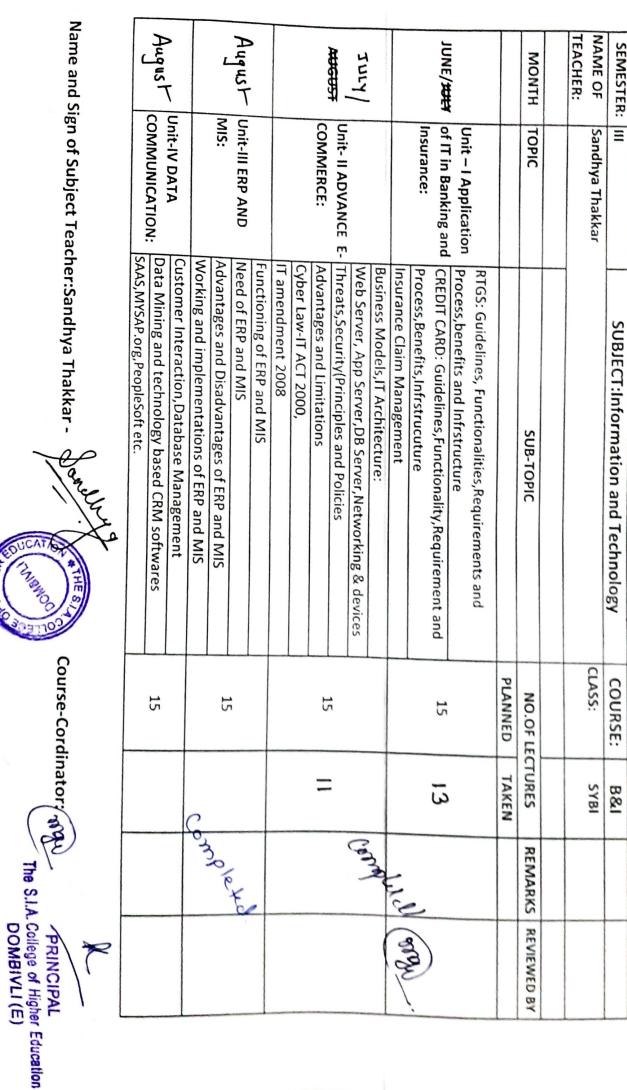
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Faculty Co-ordinatery Principal	Sources of Finance 48	August Cash Budget 18	July Tools of financial Analysis 16		June overview of Financial Managemt 14	Month Topic No. of Plannee	Term / Semester : Course Name of the Teacher : Mahesh & Kond Subject : Financial Management I class	The SIA College of Higher E	
PRINCIPAL The S.I.A. College of Higher Education DOMBIVLI (E)	48 <sub>M</sub> 39	18 16	16 <b>11 compute</b>	-	14	No. of LecturesRemarksReviewed ByPlannedTaken	ACF	The SIA College of Higher Education,Dombivli (East)	

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TEACHING PLAN 2016-17

2016-17		THE SIA COLLEGE OF HIGHER EDUCATION Dombivli (E)	ž			P.NO.
		TEACHING PLAN 2016-2017			B&1	
Name of the Teacher : Subject : CRM	1 erm / Semester : 111 Name of the Teacher : RENU VERMA Subject : CRM		Class		SYBI	
					n	Reviewed
Month	Topic	Sub-Topic	No. of Lectures	ctures	Remarks	Ву
			Planned	Taken		
Jun-16	Introduction to CRM	Introduction to CRM- meaning and definition	1	02		
		purpose -significance - factors responsible for the growth of CRM	2	02		
		winning market through CRM- advantages and limitations of CRM	2	02		
		Relationship maketing- concept -purpose		10		(many
		value creation in business	1	0 1	10/16	(
		measuring the effectiveness of relationship	2	02	Con Por	
		CRM cycle and process	2	02	¢	
	<b>CRM</b> - emerging		)			
Jun-16	dimensions	customer retention management -reasons - need	2	, ,		.0
		customer retention suaregies	2	- 1		X
Jul-16		level of retension strategy	2		ð,	
		recall management	دی ا	02	Coni	AL OT HIS
	CRM -cost benefit				(	1
Jul-16	analysis	CRM benefits	در	02		10 (00 <sup>10</sup>

		CRM costs	ŝ	02	
		customer centric organisational structure	w	02	
	Customer care				
Aug-16	management	customer care management	2	02	•
		customer service representative	2	02	61.1
		customer service applications	2	02	2
		customer facilities	2	20	Sev.
		multi media contact centre	2	02	
		electronic point of sale	2	02	
		winning srategies and process for effective CRM	3	02	
sep		banking and insurance	2	40	
				-	
			49	45	
leze		manandallian		A.	
Faculty		Convenor		Principal	ipal



Principal PRINCIPAL The S.I.A. College of Higher Education DOMBIVLI (E)

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f Lectures	Remarks	Reviewed By
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		C. C. SYB

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Convenor:		September	August										
Maramdallacs	Total			DEVELOPMENT	ORGANIZATIONAL					MANAGEMENT	CULTURE AND CHANGE	ORGANIZATIONAL	
Subject Teacher:		Importance of OD	Techniques of OD	Meaning and Nature of OD.		Time and Stress Management	overcome resistance to change.	Resistance to Change, ways to	Organizational Change, effects of	Work Conflicts .	Work Culture Effective and Lively,	Work Culture, Ways for Making	
	48	ω	3	2		2	4			4			•
	4 UD	0 V	ç	20		20	04			04			
Principal:						6	1 m	aly and	-				
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THE SIA COLLEGE OF HIGHER EDUCATION DOMBIVILI -E TEACHING PLAN 2016-17

SEMESTER : III

NAME OF THE TEACHER : Mrs. Ranjana Mhalgi SUBJECT: MANAGEMENT ACCOUNTING

> COURSE: BANKING & INSURANCE CLASS: S Y B & I

	(	02	2	adv,disadv,CVP analysis	MARGINAL &		
				Meaning ,concept	3 MARGINAL COSTING	3	AUG
	Ç	0,0	4	Cost Audit			
	1 n n n n	0,2	ω	Auditors report,	STATEMENTS		
le Xe		02	ω	Directors reports,	OF FINANCIAL		
		03	4	Notes to accounts,	2 INTERPRETATION	2	זטרא
	Ģ						
	July	01	2	Types of reports			
b	12.24.			Characteristics, problems			
		02	ω	MIS-meaning, need,			
		02	з	Classification of costs			
		02	ш	functions, types ofcosts	MGMT A/C		
		04	5	Meaning,scope,obj,diff	1 OVERVIEW OF	1	JUNE
		TAKEN	PLANNED			MODULE	2015
REVIEWED BY	REMARKS	URES	<b>NO OF LECTURES</b>	SUB-TOPIC	TOPIC	UNIT/	MONTH



SIGN OF FACULTY	Sept								
	Extra lectures				DECISION MAKING	4 MANAGERIAL	COSTING	ABSORPTION	
Thoremdallian SIGN OF CO-ORDINATOR	us	TOTAL	export orders,	buy,accept or reject	Product mix, make or	Practical problems on	Pracrical problems	Breakeven analysis	
SIGN OP PIN The S.I.A. College DOME	FO	46 36				6 05	6 06	2 02	0
SIGN OP PRINCIPAL PRINCIPAL The S.I.A. College of Higher Education DOMBIVLI (E)					Conve	John (John			

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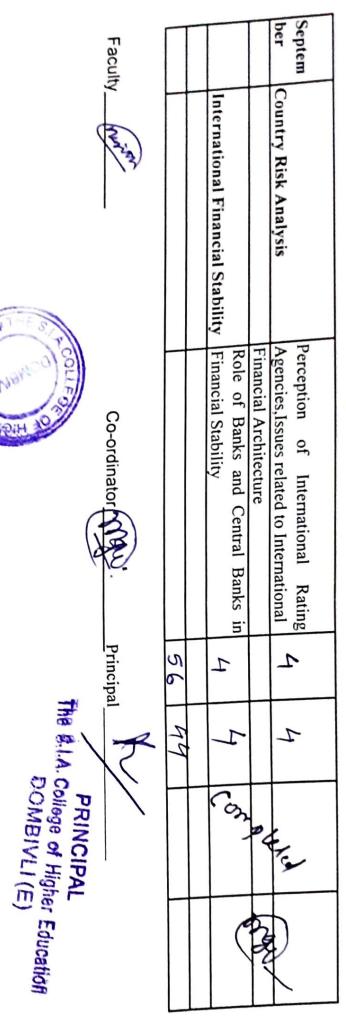
arks Reviewed By				Deductions     80A,80C,80CCC,80D,80DD,8       Deductions     0E,80U,80TTA,       Computation of Total Income     Practical problems	Income from Business & prof. Theory & Practical 15	Capital gain Longterm gain, short term gain	Income from other sources income, winning from race	Income from Salary Theory & Practical 13	ual	Basic concepts     Assessment, A.Y., P.Y       Person, Assessee     Person	Planned Taken	Sub-Topic No. of Lectures Remarks	inancial services	Name of the Teacher : Mahesh C Kandallar Course B&I	TEACHING PLAN 2016-2017	The SIA College of Higher Education,Dombivli (East)
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		THE SIA COLLEGE OF HIGHER EDUCATION Dombivli (E)				P.NO.
	TE	<b>TEACHING PLAN 2016-2017</b>			x	
Term / S Name of	Term / Semester : VTH Name of BOOMA V HALPETH		_Course		B&I	
Subject	Subject Marketing In Banking and Insurance	ce	Class		ТҮВ&І	
Month	Topic	Suh-Tonio	No. of	of	Remarks	Reviewed
	- opto	Sup-robic	Lectures	res	INCILIAL NS	By
			Planne	Tak		
			d	en		
June	Introduction to Goods Marketing	classification	2			
	and Services Marketing	of services				
		Scope, features and benefits of marketing	2	90		
		Marketing Mix and its elements, importance	1		0	
July		Services Marketing mix	1		re	
		7 P's of Marketing Mix	2		el	)
		7 P's of Services Marketing Mix	3		6	<i>q</i> u
		Importance of Marketing Mix elements	2		np	m
				J	9	C
		Marketing of Banking and Insurance Products			Ca	
		Services Marketing mix strategies for Banking and	s.			
	Channels of Markoting and	الالاستعاد فزارا متلاقتيناه				
_			,			COUCAT.
August	Marketing Kesearch	Marketing Research- Meaning and Importance	5			10 -
		Process of Marketing Research, Types of Marketing				June !!
		Research	4	L		
		Marketing Logistics	ω			to i

FACULTY		Marketing	Recent trends and Challenges in		Sept Advertising and Branding of Service		Managing service quality	Consumer in Services Marketing	Commune
The S.		Major Trends in Consumer Services Marketing in 21st Century Marketing through Social Networking Channels	Post Sales Services Strategies Ethics in Marketino	Factors in setting Marketing Communication Mix Web Marketing, Rural Marketing, Social Marketing	Advertising and Branding of Service Role of Advertisement in Service Marketing Determining Communication Objectives	Managing Service Gaps Major trends in Product Support Service	Service Quality Model (CAPS Model)	Stimulus Denaviour- Meaning and Response Model Services	Data
PRINCIPAL PRINCIPAL The S.I.A. College of Higher Education DOMBIVLI (E)	50	6 A Com	0/0/	5	·		2 19 00 2000	2	2

		ī	and their impact on Net worth of Banks	Foreign Exchange Risks	Γ
	7	_	interes		
	-	3	The exchange rate swings, swings i	_	
	6	5	Role of International Banks in the same	t Eurocurrency Markets	August
1		T	aspects, Trends in International Banking in India		
			Regulatory and supervisory		
			selection		
	N	1	of Information symmetries and adverse		
			Financing Foreign Governments, Issues		
	Ň	2	Corporations,Syndicated Loans		
	)		Role of LIBOR, Loans to Foreign		
	r	2	sand risks in International Lending	International Lending Operations and risks in International Lending	
	ა		Policies and Practices, Transaction Cost		
	,	-	Liability Management of Banks	Offshoring Bank Centers	July
(	ω	1	Balance Sheet of Banks, Asset and		
			Financing, Introduction to Global		
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			Role in International		
24 5 5 5	-	Г	flows and stable flows		
	لر	1	International Banks in same ,Volatile		
)			Debt flows and Equity Flows and role of		
	-(	T	of funds across borders	International Capital Market	
	ų		role in impacting demand for and supply		
			Diiferentials between Markets and their		
			National Boundaries, Interest Rate		
			Financial Market Flows beyond		
	T	7	services	International Banking	
		1	of Exports and Imports of Goods and		
			Payment Systems, Banking for Financing		
			A Functional overview-Internationla		
	4	1	Evolution of International Bankin Fundamentals of International Banking	Evolution of International Bankir	June
	, Taken	Plannee			
Remarks Reviewed By	No. of Lectures	No. of I	Sub-Topic	th Topic	Month
TYBI	Class	~	2e	Subject: International Banking and Finance	Subje
			agariya.	Name of the Teacher : Prof. Hasitkumar. Nagariya.	Name
BI	Course	~		Term / Semester :V	Term
-			TEACHING PLAN 2016-2017	•	
			Dombivli (E)		
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2016-17	THE	THE A COLLEGE OF HIGHER EDUCA	CAON			P.NO.	
Term / Semester : V		TEACHING PLAN 2016-2	2017 Course		B&I		
Subject :FI	Subject :FINANCIAL SERVICES MANAGEMENT	AGEMENT	Class		ТҮВІ		
Month	Topic	sub topic	No. of Lectures	<i>.</i> ectures	Remarks	Reviewed Bv	
			Planned	Taken			
	UNIT 1						
Jun-16	Financial services	meaning-classification -scope -fundbased activities-non fund based activities -modern activities-sources of revenue-causes for financial innovation - new financial products and services- innovative financial instrument- challenges facing the financial sector saving mobilization	∞	40		and the second s	
Jun-16	Merchant banking	definition-origin-merchant banking in India	8		~ Luker		
or - un c	Merchant banking	definition-origin-merchant banking in India merchant banks and commercial banks - services of merchant banks - progress of merchant banking in India -problems -scope of merchant banking in India		66	Comple		
Jul-16	Leasing and hire purchase	definition-steps in lease transaction-types of	5	60		-	100
		lease - sales and lease back - cross border lease - advantages and disadvantages of lease - structure of leasing industry- hire purchase and credit sale -hire purchase and installment sale - hire purchase and leasing		(		Contraction of the second	Com 20
	UNIT 2						

Jul-16 M	Mutual fund	Introduction to Mutual fund- structure of moval fund in india - classification of mutual fund- AMFI objectives- advantages	ტთ	, 03			
		of mutual fund -NAV calculation and pricing of mutual fund- mutual fund abroad mutual fund in India - reasons for slow growth of mutual fund -future of mutual fund industry				~	
Jul-16 F	Factoring and Forfeiting	- meaning - modus	6			×ø	
	actoring and Fortetting	Factoring - meaning - modus operandi- terma and condition- functions - types of factoring-factoring v/s discounting- cost of factoring- benefits -factoring in India - international factoring- definition-types of export factoring -factoring in other countries -EDI factoring - factoring v/s forfeiting - working of forfeiting- cost of forfeiting -	6	06	Groc	(3) ×	
U	UNIT 3						
Aug-16 S	Securitisation of debt	definition -securitisation v/s factoring - modus oprandi- role of merchant banker -	6	04			0
		role of merchant banker- role of other parties - structure of securitisation -			0,0	) ~e	10 191
		securitisable asset- benefits of securitisation - condition for successful securitisation - future prospect of securitisation			Com	A CONTRACT	HIGH
Aug-16 D	Derivatives	Meaning - types of financial derivatives - options - futures - forwards -swaps - futures and option trading system - clearing entities and their role	6	1-1-0-4			

and pledge	Principal PRINCIPAL The S.I.A. College of Higher Education	The s.I.A. C	Convenor		Paculty
Definition and meaning - functions - origin - 4         crowit rating in India - benefits - CRISIL-         ICKA-CARE - limitationsa and future         Introduction -scope-objectives-functions -         tresury management in banks and corporate         cost centre V/S profit centre treasury -         centralised V/s decentralised         and pledge         overview - features - bank analogy- legal         framework- eligibilty criteria for depository-         agrement between depository and issuer -         rights and obligations -records to be         maintained - services- functions of NSDL-         pledge and hypothecation -procedure -         closure - invocation		2	1-110 ar		
Definition and meaning - functions - origin -       4         cruit rating in India - benefits - CRISIL-       5         ICKA-CARE - limitationsa and future       5         Introduction -scope-objectives-functions -       4         Introduction - features - bank analogy- legal       4         Introduction - features - bank analogy- legal       4         Introduction - features - bank analogy- legal       4         Introduction - proceduse -       4         Introduction - procedure -       56					
Definition and meaning - functions - origin -       4         creative rating in India - benefits - CRISIL-       •         Introduction -scope-objectives-functions -       •         Introduction -scope-objectives-functions -       •         tresury management in banks and corporate       •         cost centre V/S profit centre treasury -       •         centralised V/s decentralised       •         overview - features - bank analogy- legal       •         framework- eligibilty criteria for depository-       •         agrement between depository and issuer -       •         rights and obligations - records to be       •         maintained - services- functions of NSDL-       •         pledge and hypothecation -procedure -       •		56	closure - Invocation		
Definition and meaning - functions - origin -       4         cruit rating in India - benefits - CRISIL-       •         ICKA-CARE - limitationsa and future       •         Introduction -scope-objectives-functions -       4         tresury management in banks and corporate       •         centralised V/S profit centre treasury -       •         centralised V/S decentralised       •         and pledge       overview - features - bank analogy- legal         framework- eligibilty criteria for depository-       •         agrement between depository and issuer -       •         rights and obligations - records to be       •         maintained - services- functions of NSDL-       •	(		pledge and hypothecation -procedure -		
Definition and meaning - functions - origin -       4         cruit rating in India - benefits - CRISIL-       1         ICKA-CARE - limitationsa and future       1         Introduction -scope-objectives-functions -       4         tresury management in banks and corporate       -         centralised V/s profit centre treasury -       -         centralised V/s decentralised       -         framework- eligibility criteria for depository-       4         agrement between depository and issuer -       -         rights and obligations - rceords to be       4			maintained - services- functions of NSDL-		
Definition and meaning - functions - origin -       4         creative rating in India - benefits - CRISIL-       •         ICKA-CARE - limitationsa and future       •         Introduction -scope-objectives-functions -       4         Introduction -scope-objectives-functions -       4         cost centre V/S profit centre treasury -       •         centralised V/s decentralised       •         overview - features - bank analogy- legal       4         framework- eligibilty criteria for depository-       4         agrement between depository and issuer -       4			rights and obligations -records to be		
Definition and meaning - functions - origin -       4         crucit rating in India - benefits - CRISIL-       •         ICRA-CARE - limitationsa and future       •         Introduction -scope-objectives-functions -       4         Introduction -scope-objectives-functions -       4         tresury management in banks and corporate       •         cost centre V/S profit centre treasury -       •         centralised V/s decentralised       •         overview - features - bank analogy- legal       4         10       •			agrement between depository and issuer -		
Definition and meaning - functions - origin -       4         cruit rating in India - benefits - CRISIL-       1         ICKA-CARE - limitationsa and future       1         Introduction -scope-objectives-functions -       4         tresury management       Introduction -scope-objectives-functions -         tresury management in banks and corporate       4         cost centre V/S profit centre treasury -       4         centralised V/s decentralised       0	0 NON MM		overview - features - bank analogy- legal	Depositories and pledge	Sep-16
Definition and meaning - functions - origin -       4         crowit rating in India - benefits - CRISIL-       5         ICRA-CARE - limitationsa and future       5         Introduction -scope-objectives-functions -       4         tresury management       Introduction -scope-objectives-functions -         cost centre V/S profit centre treasury -       4         centralised V/s decentralised       0 4					
Definition and meaning - functions - origin - 4         crowit rating in India - benefits - CRISIL-         ICKA-CARE - limitationsa and future         ICKA-CARE - limitationsa and future         Introduction -scope-objectives-functions -         tresury management in banks and corporate         cost centre V/S profit centre treasury -	X		centralised V/s decentralised		
Definition and meaning - functions - origin - 4         croit rating in India - benefits - CRISIL-         ICKA-CARE - limitationsa and future         Introduction -scope-objectives-functions - 4         tresury management in banks and corporate	8		cost centre V/S profit centre treasury -		
Definition and meaning - functions - origin - 4         crowit rating in India - benefits - CRISIL-         ICKA-CARE - limitationsa and future         ICKA-CARE - limitationsa and future         Introduction -scope-objectives-functions - 4			tresury management in banks and corporate		
	<b>u</b>		-scope-objectives-functions	<b>Treasury management</b>	Sep-16
			ICKA-CARE - limitationsa and future		
	)	0	cruit rating in India - benefits - CRISIL-		,
		4	Definition and meaning - functions - origin -	Credit rating	Sep-16



DOMBIVLI (E)

			Unit I	Month	Term / Semester : V Name of the Teacher Subject : Security	
	b) Investment Alternatives	a) An Overview	Introduction to Investment Analysis and Portfolio Management	Topic	5.	
•	Non-Marketable financial Assets, Money Market Instruments, Fixed income securities, Equity shares, Mutual fund schemes, Life Insurance, Real Estate	Meaning, Investment versus Speculation, Objectives of investment, Meaning of Portfolio Management, Prcocess, Approaches to Investment decision making		Sub-Topic	TEACHING PLAN 2016-2017 Course Nagdev rtfolio Management	THE SIA COLLEGE OF HIGHER EDUCATION Dombivii (E)
	4	4		No. of Planned	2016- Course	DUCATION
	w	w		Lectures Taken	2017	
		( The second sec		Remarks	B&I T.Y.B&I	
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August	Unit I			July Unit II		Unit II
	Introduction to Securities Market	d) Risk and Return	c) Equity Valuation	<ul> <li>b) Analysis and valuation of Debt</li> </ul>	<ul> <li>b) Analysis and valuation of Debt</li> </ul>	a) Time Value of Money
	Primary and Secondary market, Introduction to BSE and NSE, process of buying and selling shares, Government Securities Market, Corporate Debt Market, Money Market	g of F es of d dev eturn.	Balance Sheet Valuation, Dividend discount Model, Earning Multiplier Approach	valuation Calculation of YTM, Rating of Debt Instruments.	Types and futures of Debt Instruments, Problems on valuation of Debentures : Redeemable and Irredeemable.	Meaning, Future value of single cash flow, Present value of single cash flow, Future value of annuity, Present value of Annuity, NPV for even and uneven cash flow
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Convenor:	o Cl. <del>Septem</del> ber	Sapt	August A Unit III
Marcindallia	b) Capital Asset Pricing Model required for c) Efficient Market Hypothesis strong form	<ul> <li>b) Introduction to</li> <li>Fundamental analysis</li> <li>c) Introduction to Technical analysis</li> <li>a) Potfolio Theory</li> </ul>	a) Financial Statement Analysis
Subject Teacher:	Basic Assumptions, Capital Market Line, Security Market Line, Inputs required for applying CAPM Meaning, Empirical Evidence on Weak form, Empirial Evidence on semi- is strong form	Macroeconomic analysis, Industry Analysis, Company Analysis, Estimation of Intrinsic value, Jidging Undervaluation/ Overvaluation Meaning and basic Charting Techniques. Portfolio Return Portfolio Risk, Portfolio Diversification	Financial Statements, Financial Ratios, Du Pont Analyses, Problems in financial statements analysis.
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2		TEACHING PLAN 2016-2017	AN 20	16-201	-2017
Term / Semester :	nester :	V	Course		B&I
Name of th	Name of the Teacher :	Mahesh.G.Kandalkar	1		
Subject :	Auditing		Class		ТҮВІ
Month	Topic	Sub-Topic	No. of	No. of Lectures	Remarks
			Planned	Taken	
June /	Audit of Ltd.co.	n			
		appt,removal,audit ceiling			
		power, duties, liabilities	16	16	2
I	Introduction to auditing	meaning, obj, classification			
		check cost andit mont andit			
		audit planning			1 molular
July In	Introduction to auditing	vouching & verification of	16	7	C
		assets & liabilities,taxaudit,			
		basicprinciples, audit in			
		EDP			
		Env.			
		Branch audit, joint audit,			
		Related party dicl.seg			
X	Maintenance of books of A/c	3			
		dep,rep by mgmt			D
Au	Audit of B&I Co.	Long form audit report			N PC
		social audit,Envt.audit			20
August Au	Audit of B&I Co.	Bank-legislation relevant to	12	_	8
		bank audit,NPA,Insurance			
		review of internal control			
		Audit report(as per IRDA)			
		Sehi RHI IRDA CAG			

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		Total				Sept.		
	Faculty					Other thrust areas		
HIGHE	Convener		auditor, audit committee	professional liability,role of	CIS Envt, auditing stds	in	Ethics in auditing, auditing	
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**TEACHING PLAN 2016-17** DUMBIVILI -E THE SIA COLLEGE OF HIGHER EDUCATION

TERM/SEMESTER : V

NAME OF THE TEACHER : Mrs. Ranjana Mhalgi

SUBJECT: FINANCIAL REPORTING & ANALYSIS

COURSE: BANKING & INSURANCE

CLASS: TY B & I

				<ul> <li>Annotation and the second secon</li></ul>			
		10	10	Practical problems			and south the second
				Schedules of P&L A/C & B/S.	(0)		
				VI of Companies Act, 1956,			
				accordance with Revised Sch			
				Corporate Final A/C in	A/C		
	CO.	02	ы	Preparation & presentation of	3 COMPANY FINAL	3	JULY
	and a						
1. Anor		12	12	Practical problems			
AN I		01	2	Study of accouting policies			
				accordance with B R ACT.			
				P&L A/C & B/S of bank in	A/C		2
		01	2	Preparation & presentation of	BANK FINAL	1	JUNE
		TAKEN	PLANNED			MODULE	2015
REMARKS REVIEWED BY	REMAR	CTURES	NO OF LECT	SUB-TOPIC	TOPIC	UNIT/	MONTH







4       FINANCIAL       Canalysis & analysis & analysis & flow Statement: Format       3       3         4       FINANCIAL       Cash Flow Statement: Format       2       05         4       FINANCIAL       Cash Flow Statement: Format       2       05         1       analysis & practical problems       6       0 +         1       analysis & practical problems       6       0 +         1       Interpretation       R cutic Counted       6       0 +         2       INSURANCE       Preparation & presentation of       2       0 +         2       INSURANCE       PRE A/C & B/S of Insurance       0 +       0 +         1       Practical problems       10       0 &       0 +         2       Insurance       10       0 &       0 +       0 +         1       Practical problems       10       0 &       0 +       0 +       0 +         1       Interpretation       10       0 &       0 +       0 +       0 +       0 +       0 +       0 +       0 +       0 +       0 +       0 +       0 +       0 +       0 +       0 +       0 +       0 +       0 +       0 +       0 +       0 +       0 +       0 +	4       FINANCIAL       Can Flow Statement: Format       2         analysis &       Interpretation       2       0         4       FINANCIAL       Cash Flow Statement: Format       2       0         4       FINANCIAL       Cash Flow Statement: Format       2       0         analysis &       Practical problems       6       0         analysis &       Practical problems       6       0         analysis &       Preparation & presentation of       2       0         1       Interpretation       Ratio Analysis Practical problems       6       0         2       INSURANCE       Preparation & presentation of       2       0         2       INSURANCE       Preparation & presentation of       2       0         2       INSURANCE       Preparation & presentation of       2       0         2       Interpretation       Interpretation       10       10         3       Interpretation       10       2       2       2         4       Interpretation       2       2       2       2       2         5       Study of accouting policies       2       2       2       2       2         5							SEPT	800			AUG				זטרא
tion       Concention       3         tion       Cash Flow Statement: Format       2       05         AL       Cash Flow Statement: Format       2       05         &       Practical problems       6       0 7         &       Practical problems       6       0 7         &       Practical problems       6       0 7         A/C       Preparation & presentation of       2       01         A/C       P&L A/C & B/S of Insurance       04       04         with Insurance legislation.       10       0 8         with Insurance legislation.       10       0 8         Study of accouting policies       2       01         Total lectures       60       60	tion Cash Flow Statement: Format 2 05 4. Cash Flow Statement: Format 2 05 6 07 6 07 6 07 6 07 6 07 6 07 6 07 7 01 8 A Hub Could 9 RL A/C & B/S of Insurance 2 01 9 RL A/C & B/S of Insurance 2 01 9 RL A/C & B/S of Insurance 10 08 9 Practical problems 5 Study of accouting policies 2 01 5 Total lectures 5 Companies in accouting policies 5 Could Could 5 Could Could Could 5 Could						FIN			Inte	analy	4 FINA		Interp	analysi	4 FINANC
Flow Statement: Format       3       3         ash Flow Statement: Format       2       05         ractical problems       6       0 7         ractical problems       6       0 7         atio Analysis Practical problems       6       0 7         Preparation & presentation of       2       01         Preparation & presentation of       2       01         PRL A/C & B/S of Insurance       10       0 8         with Insurance legislation.       10       0 8         practical problems       2       01         Study of accouting policies       2       01         fotal lectures       60       60	Flow Statement: Format       2       05         ash Flow Statement: Format       2       05         ractical problems       6       0 4         atio Analysis Practical problems       6       0 4         R A HOC CONLED       6       0 4         Preparation & presentation of       2       01         PR A HOC CONLED       10       08         With Insurance       10       08         With Insurance legislation.       10       08         Practical problems       2       01         Study of accounting policies       2       01         Total lectures       60       62						IAL A/C	URANCE		rpretation	ysis &	NCIAL		retation	s &	
N         N         6         6         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Total lectures	Study of accouting policies	Practical problems	with Insurance legislation.	Companies in accordance	P&L A/C & B/S of Insurance	Preparation & presentation of	Ratio could.	Ratio Analysis Practical problems	Practical problems	Cash Flow Statement: Format				Plow Statement: Format
	62 0 08 01 01 01 05 X	6(			10			2		6	6	2				u
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