

## Eknath B Madhavi Senior College, Dombivli

### Teaching Plan

Academic Year: 2023-24

Name of the Teacher :Mr.Kishor Dhande Sir	Faculty	Course : Bsc.IT
Department : IT	Subject:CS	

Class : FY BSCIT

Month:June-Nov

Month	Week	Dates of the week	No of the lectures	Topic
June	3 <sup>rd</sup> Week	19-6-2023 24-6-2023	3	Reopening Unit-I The Seven Cs of Effective Communication: Completeness, Conciseness, Consideration, Concreteness, Clarity, Courtesy, Correctness 21 <sup>st</sup> June Yoga day Celebration
June	4 <sup>th</sup> week	26-6-2023 01-7-2023	3	29 <sup>th</sup> June Holiday on account of Bakri Id Understanding Business Communication: Nature and Scope of Communication, Non-verbal Communication.
July	1 <sup>st</sup> week	03-7-2023 08-7-2023	3	6 <sup>th</sup> July Ashadi Ekadashi and Guru Cross-cultural communication Technology-enabled Business Communication.
July	2 <sup>nd</sup> week	10-7-2023 15-7-2023	3	Practical 1: Communication Origami, Guessing Game, Guessing the emotion.
July	3 <sup>rd</sup> Week	17-7-2023 22-7-2023	3	Unit-II Writing Business Messages and Documents: Business writing, Business

				Correspondence. practical 2: Body Language, Follow All Instructions, Effective Feedback Skills.
July	4 <sup>th</sup> week	24-7-2023 29-7-2023	3	29 <sup>th</sup> July Muharram Holiday Instructions Business Reports and Proposals, Career building and Resume writing.
August	1 <sup>st</sup> week	31-7-2023 5-8-2023	3	Developing Oral Communication Skills for Business: Effective Listening, Business Presentations and Public Speaking, Conversations, Interviews.
August	2 <sup>nd</sup> week	7-8-2023 12-8-2023	3	Practical 3: The Name Game, Square Talk. Practical 4: Back to Back Communication, Paper Shapes (Importance of two-way communication), Memory Test(Presentation Skills).
August	3 <sup>rd</sup> Week	14-8-2023 19-8-2023	3	15 <sup>TH</sup> August independence day Unit-III Developing Oral Communication Skills for Business: Meetings and Conferences, Group Discussions. 16 <sup>th</sup> August parsi new year
August	4 <sup>th</sup> week	21-8-2023 26-8-2023	3	Team Presentations, Team Briefing, Understanding Specific Communication Needs: Communication across Functional Areas.
August	5 <sup>th</sup> week	28-8-2023 02-9-2023	3	30 <sup>th</sup> August Raksha Bandhan Understanding Specific Communication Needs: Corporate Communication, Persuasive Strategies in Business Communication.

September	1 <sup>st</sup> week	4-9-2023 9-9-2023	3	5 September Teachers day Celebration Practical-5: Exercises on Communication Principles 7 <sup>th</sup> September Janmashtmi
September	2 <sup>nd</sup> week	11-9-2023 16-9-2023	3	ATKT Exams of Sem-II & Sem – IV Unit-IV Ethics in Business Communication.
September	3 <sup>rd</sup> Week	18-9-2023 23-9-2023	3	19 <sup>th</sup> Sept to 23 <sup>rd</sup> Sept Ganpati Festival Business Communication Aids.
September	4 <sup>th</sup> week	25-9-2023 30-9-2023	3	28 <sup>th</sup> Sept Anant Chaturdashi & Eid-E-Milad Unit-V Presentation Process: Planning the presentations, executing the presentations, Impressing the audience by performing.
October	1 <sup>st</sup> week	2-10-2023 7-10-2023	3	2 Oct Gandhi Jayanti Planning stage: Brainstorming, mind maps / concept maps. Practical 6: Exercises on communication icebreakers.
	2 <sup>st</sup> week	9-10-2023 14-10-2023	3	executing stage: chunking theory, creating outlines, Use of templates. Practical 7: Communication exercises.
	3 <sup>nd</sup> week	16-10-2023 21-10-2023	3	Adding graphics to your presentation: Visual communication. Practical 8: Use of word processing tools for communication.
	4 <sup>th</sup> week	23-10-2023 28-10-2023	3	24 <sup>th</sup> Oct Dussehra (Regular exam Sem-III) Impress stage: use of font, colour, layout.

November	1 <sup>st</sup> week	30-10-2023 04-11-2023	3	Impress stage: use of font, colour, Layout. Practical 9: Use of spreadsheet tools for communication.
	2 <sup>nd</sup> week	06-11-2023 11-11-2023	3	10 <sup>th</sup> November Dhanteras Importance of practice and performance. Practical 10: Use of presentation tools for communication.
	3 <sup>rd</sup> Week	13-11-2023 27-11-2023	3	13 <sup>th</sup> November to 27 <sup>th</sup> November Diwali Vacation

## Eknath B Madhavi Senior College, Dombivli

### Teaching Plan

Academic Year: 2023-24

Name of the Teacher :Neha Kore Ma'am	Faculty	Course : Bsc.IT
Department : IT	Subject:DBMS	

Class : FY BSCIT

Month:June-Nov

Month	Week	Dates of the week	No of the lectures	Topic
June	3 <sup>rd</sup> Week	19-6-2023 24-6-2023	3	Reopening Unit-I Introduction to Databases and Transactions What is database system, purpose of database system, view of data, relational databases, database architecture, transaction management. 21 <sup>st</sup> June Yoga day Celebration
June	4 <sup>th</sup> week	26-6-2023 01-7-2023	3	29 <sup>th</sup> June Holiday on account of Bakri Id Data Models The importance of data models, Basic building blocks.
July	1 <sup>st</sup> week	03-7-2023 08-7-2023	3	6 <sup>th</sup> July Ashadi Ekadashi and Guru Database Design, ER Diagram and Unified Modeling Language Database design and ER Model: overview, ER Model, Constraints, ER Diagrams, ERD Issues, Codd's rules, Relational Schemas, Introduction to UML.
July	2 <sup>nd</sup> week	10-7-2023 15-7-2023	3	Practical 1:QL Statements – 1
July	3 <sup>rd</sup>	17-7-2023	3	Unit-II Relational database model:

	Week	22-7-2023		Logical view of data, keys, integrity rules, Relational Database design. practical 2: SQL Statements – 2.
July	4 <sup>th</sup> week	24-7-2023 29-7-2023	3	29 <sup>th</sup> July Muharram Holiday Relational Algebra and Calculus Relational algebra: introduction, Selection and projection, set operations, renaming, Joins, Division, syntax, semantics.
August	1 <sup>st</sup> week	31-7-2023 5-8-2023	3	Operators, grouping and ungrouping, relational comparison.
August	2 <sup>nd</sup> week	7-8-2023 12-8-2023	3	Calculus: Tuple relational calculus, computational capabilities Practical 3: Manipulating Data. Practical 4: Creating and Managing Tables.
August	3 <sup>rd</sup> Week	14-8-2023 19-8-2023	3	15 <sup>TH</sup> August independence day Unit-III Constraints, Views and SQL Constraints, types of constrains, Integrity constraints, Views: Introduction to views, data independence, security, updates on views. 16 <sup>th</sup> August parsi new year
August	4 <sup>th</sup> week	21-8-2023 26-8-2023	3	comparison between tables and views SQL.
August	5 <sup>th</sup> week	28-8-2023 02-9-2023	3	30 <sup>th</sup> August Raksha Bandhan Triggers.
September	1 <sup>st</sup> week	4-9-2023 9-9-2023	3	5 September Teachers day Celebration Practical-5: Creating and Managing other database objects 7 <sup>th</sup> September Janmashtmi

September	2 <sup>nd</sup> week	11-9-2023 16-9-2023	3	ATKT Exams of Sem-II & Sem – IV Unit-IV Transaction management and Concurrency Control Transaction management: ACID properties.
September	3 <sup>rd</sup> Week	18-9-2023 23-9-2023	3	19 <sup>th</sup> Sept to 23 <sup>rd</sup> Sept Ganpati Festival serializability and concurrency control, Lock based concurrency control.
September	4 <sup>th</sup> week	25-9-2023 30-9-2023	3	28 <sup>th</sup> Sept Anant Chaturdashi & Eid-E-Milad Unit-V PL-SQL: Beginning with PL / SQL, Identifiers and Keywords, Operators, Expressions.
October	1 <sup>st</sup> week	2-10-2023 7-10-2023	3	2 Oct Gandhi Jayanti Sequences, Control Structures, Cursors and Transaction, Collections and composite data types. Practical 6: Using SET operators, Date/Time Functions, GROUP BY clause (advanced features) and advanced subqueries.
	2 <sup>st</sup> week	9-10-2023 14-10-2023	3	Procedures and Functions, Exceptions Handling, Practical 7: PL/SQL Basics.
	3 <sup>rd</sup> week	16-10-2023 21-10-2023	3	Packages, With Clause and Hierarchical Retrieval, Practical 8: Composite data types, cursors and exceptions.
	4 <sup>th</sup> week	23-10-2023 28-10-2023	3	24 <sup>th</sup> Oct Dussehra (Regular exam Sem-III) Triggers.
November	1 <sup>st</sup> week	30-10-2023 04-11-2023	3	Practical 9: Procedures and Functions.

	2 <sup>nd</sup> week	06-11-2023 11-11-2023	3	10 <sup>th</sup> November Dhanteras Practical 10: Creating Database Triggers.
	3 <sup>rd</sup> Week	13-11-2023 27-11-2023		13 <sup>th</sup> November to 27 <sup>th</sup> November Diwali Vacation

# Ekmath B Madhavi Senior College, Dombivli

## Teaching Plan

Academic Year: 2023-24

Name of the Teacher :Mr.Ravikant Ahire Sir	Faculty	Course : Bsc.IT
Department : IT	Subject:DE	

Class : FY BSCIT

Month:June-Nov

Month	Week	Dates of the week	No of the lectures	Topic
June	3 <sup>rd</sup> Week	19-6-2023 24-6-2023	3	Reopening Unit-I Number System: Analog System, digital system, numbering system, binary number system, octal number system, hexadecimal number system, conversion from one number system to another, floating point numbers. 21 <sup>st</sup> June Yoga day Celebration
June	4 <sup>th</sup> week	26-6-2023 01-7-2023	3	29 <sup>th</sup> June Holiday on account of Bakri Id Weighted codes binary coded decimal, non-weighted codes Excess – 3 code, Gray code, Alphanumeric codes – ASCII Code, EBCDIC, ISCII Code,Hollerith Code, Morse Code, Teletypewriter (TTY), Error detection and correction, Universal Product Code, Code conversion.
July	1 <sup>st</sup> week	03-7-2023 08-7-2023	3	6 <sup>th</sup> July Ashadi Ekadashi and Guru Purnima Day celebration Binary Arithmetic:Binary addition, Binary subtraction, Negative number representation, Subtraction using 1's complement and 2's complement, Binary multiplication and division.
July	2 <sup>nd</sup> week	10-7-2023 15-7-2023	3	Arithmetic in octal number system, Arithmetic in hexadecimal number system, BCD and Excess – 3 arithmetic. Practical 1: Study of Logic gates and their ICs and universal gates

July	3 <sup>rd</sup> Week	17-7-2023 22-7-2023	3	Unit-II Boolean Algebra and Logic Gates: Introduction, Logic (AND OR NOT), Boolean theorems, Boolean Laws, De Morgan's Theorem, Perfect Induction, Reduction of Logic expression using Boolean Algebra. practical 2: Implement the given Boolean expressions using minimum number of gates.
July	4 <sup>th</sup> week	24-7-2023 29-7-2023	3	29 <sup>th</sup> July Muharram Holiday Deriving Boolean expression from given circuit, exclusive OR and Exclusive NOR gates, Universal Logic gates, Implementation of other gates using universal gates, Input bubbled logic, Assertion level.
August	1 <sup>st</sup> week	31-7-2023 5-8-2023	3	Minterm, Maxterm and Karnaugh Maps: Introduction, minterms and sum of minterm form. Practical 3: Implement combinational circuits.
August	2 <sup>nd</sup> week	7-8-2023 12-8-2023	3	Maxterm and Product of maxterm form, Reduction technique using Karnaugh maps –2/3/4/5/6 variable K-maps, Grouping of variables in K-maps, K-maps for product of sum form, Quine Mc Cluskey Method. Practical 4: Implement code converters.
August	3 <sup>rd</sup> Week	14-8-2023 19-8-2023	3	15 <sup>TH</sup> August independence day Unit-III Combinational Logic Circuits: Introduction, Multi-input, multi-output Combinational circuits, Code converters design and implementations. 16 <sup>th</sup> August parsi new year
August	4 <sup>th</sup> week	21-8-2023 26-8-2023	3	Arithmetic Circuits: Introduction, Adder, BCD Adder, Excess – 3 Adder. Binary Subtractors, BCD Subtractor, Multiplier, Comparator.
August	5 <sup>th</sup> week	28-8-2023 02-9-2023	3	30 <sup>th</sup> August Raksha Bandhan Practical 5: Implement Adder and Subtractor Arithmetic circuits. a. Design and implement Half adder and Full adder. b. Design and implement BCD adder. c. Design and implement XS – 3 adder.

September	1 <sup>st</sup> week	4-9-2023 9-9-2023	3	5 September Teachers day Celebration Practical-5: d. Design and implement binary subtractor. e. Design and implement BCD subtractor. f. Design and implement XS – 3 subtractor. 7 <sup>th</sup> September Janmashtmi
September	2 <sup>nd</sup> week	11-9-2023 16-9-2023	3	ATKT Exams of Sem-II & Sem – IV Unit-IV Multiplexer, Demultiplexer, ALU, Encoder and Decoder: Introduction, Multiplexer, Demultiplexer.
September	3 <sup>rd</sup> Week	18-9-2023 23-9-2023	3	19 <sup>th</sup> Sept to 23 <sup>rd</sup> Sept Ganpati Festival Decoder, ALU, Encoders.
September	4 <sup>th</sup> week	25-9-2023 30-9-2023	3	28 <sup>th</sup> Sept Anant Chaturdashi & Eid-E-Milad Sequential Circuits: Flip-Flop: Introduction, Terminologies used, S-R flip-flop, D flip-flop, JK flip-flop, Race-around condition, Master – slave JK flip-flop, T flip-flop.
October	1 <sup>st</sup> week	2-10-2023 7-10-2023	3	2 Oct Gandhi Jayanti conversion from one type of flip-flop to another, Application of flip-flops. Practical 6: Implement Arithmetic circuits.
	2 <sup>st</sup> week	9-10-2023 14-10-2023	3	Unit-V Counters: Introduction, Asynchronous counter, Terms related to counters, IC 7493 (4-bit binary counter), Synchronous counter. Practical 7: Implement Encode and Decoder and Multiplexer and Demultiplexers.
	3 <sup>rd</sup> week	16-10-2023 21-10-2023	3	Bushing, Type T Design, Type JK Design, Presetable counter, IC 7490, IC 7492, Synchronous counter ICs, Analysis of counter circuits. Practical 8: Study of flip-flops and counters.
	4 <sup>th</sup> week	23-10-2023 28-10-2023	3	24 <sup>th</sup> Oct Dussehra (Regular exam Sem-III) Shift Register: Introduction, parallel and shift registers, serial shifting, serial-in serial-out, serial-in parallel-out, parallel-in parallel-out, Ring counter, Johnson

				counter.
November	1 <sup>st</sup> week	30-10-2023 04-11-2023	3	Applications of shift registers, Pseudo-random binary sequence generator, IC7495, Seven Segment displays, analysis of shift counters. Practical 9: Study of counter ICs and designing Mod-N counters.
	2 <sup>nd</sup> week	06-11-2023 11-11-2023	3	10 <sup>th</sup> November Dhanteras Practical 10: Design of shift registers and shift register counters.
	3 <sup>rd</sup> Week	13-11-2023 27-11-2023		13 <sup>th</sup> November to 27 <sup>th</sup> November Diwali Vacation

## Eknath B Madhavi Senior College, Dombivli

### Teaching Plan

Academic Year: 2023-24

Name of the Teacher :Mr.Ravikant Ahire Sir	Faculty	Course : Bsc.IT
Department : IT	Subject:DM	

Class : FY BSCIT

Month:June-Nov

Month	Week	Dates of the week	No of the lectures	Topic
June	3 <sup>rd</sup> Week	19-6-2023 24-6-2023	3	Reopening Unit-I Introduction: Variables, The Language of Sets, The Language of Relations and Function. 21 <sup>st</sup> June Yoga day Celebration
June	4 <sup>th</sup> week	26-6-2023 01-7-2023	3	29 <sup>th</sup> June Holiday on account of Bakri Id Set Theory: Definitions and the Element Method of Proof, Properties of Sets, Disproofs, Algebraic Proofs.
July	1 <sup>st</sup> week	03-7-2023 08-7-2023	3	6 <sup>th</sup> July Ashadi Ekadashi and Guru Purnima Day celebration Boolean Algebras, Russell's Paradox and the Halting Problem.
July	2 <sup>nd</sup> week	10-7-2023 15-7-2023	3	The Logic of Compound Statements: Logical Form and Logical Equivalence, Conditional Statements, Valid and Invalid Arguments. Practical 1: Set Theory
July	3 <sup>rd</sup>	17-7-2023	3	Unit-II Quantified Statements:

	Week	22-7-2023		Predicates and Quantified Statements, Statements with Multiple Quantifiers. practical 2: Functions and Algorithms.
July	4 <sup>th</sup> week	24-7-2023 29-7-2023	3	29 <sup>th</sup> July Muharram Holiday Arguments with Quantified Statements Elementary Number Theory and Methods of Proof: Introduction to Direct Proofs, Rational Numbers, Divisibility, Division into Cases and the Quotient-Remainder Theorem.
August	1 <sup>st</sup> week	31-7-2023 5-8-2023	3	Floor and Ceiling, Indirect Argument: Contradiction and Contraposition, Two Classical Theorems, Applications in algorithms.
August	2 <sup>nd</sup> week	7-8-2023 12-8-2023	3	Practical 3: Counting. Practical 4: Probability Theory.
August	3 <sup>rd</sup> Week	14-8-2023 19-8-2023	3	15 <sup>TH</sup> August independence day Unit-III Sequences, Mathematical Induction, and Recursion: Sequences, Mathematical Induction, Strong Mathematical Induction and the Well-Ordering Principle for the Integers, Correctness of algorithms, defining sequences recursively, solving recurrence relations by iteration. 16 <sup>th</sup> August parsi new year
August	4 <sup>th</sup> week	21-8-2023 26-8-2023	3	Second order linear homogenous recurrence relations with constant coefficients. general recursive definitions and structural induction.
August	5 <sup>th</sup> week	28-8-2023 02-9-2023	3	30 <sup>th</sup> August Raksha Bandhan Functions: Functions Defined on General Sets, One-to-One and Onto, Inverse Functions, Composition of Functions, Cardinality with Applications to Computability.
September	1 <sup>st</sup> week	4-9-2023	3	5 September Teachers day Celebration

		9-9-2023		Practical-5: Graph Theory 7 <sup>th</sup> September Janmashtmi
September	2 <sup>nd</sup> week	11-9-2023 16-9-2023	3	ATKT Exams of Sem-II & Sem – IV Unit-IV Relations: Relations on Sets, Reflexivity, Symmetry, and Transitivity, Equivalence Relations, Partial Order Relations.
September	3 <sup>rd</sup> Week	18-9-2023 23-9-2023	3	19 <sup>th</sup> Sept to 23 <sup>rd</sup> Sept Ganpati Festival Graphs and Trees: Definitions and Basic Properties, Trails, Paths, and Circuits.
September	4 <sup>th</sup> week	25-9-2023 30-9-2023	3	28 <sup>th</sup> Sept Anant Chaturdashi & Eid-E-Milad Matrix Representations of Graphs, Isomorphism's of Graphs, Trees.
October	1 <sup>st</sup> week	2-10-2023 7-10-2023	3	2 Oct Gandhi Jayanti Spanning trees and shortest paths. Practical 6: Directed Graphs.
	2 <sup>st</sup> week	9-10-2023 14-10-2023	3	Unit-V Counting and Probability: Introduction, Possibility Trees and the Multiplication Rule, Possibility Trees and the Multiplication Rule. Practical 7: Properties of integers.
	3 <sup>nd</sup> week	16-10-2023 21-10-2023	3	Counting Elements of Disjoint Sets: The Addition Rule, The Pigeonhole Principle. Practical 8: Algebraic Systems.
	4 <sup>th</sup> week	23-10-2023 28-10-2023	3	24 <sup>th</sup> Oct Dussehra (Regular exam Sem-III) Counting Subsets of a Set: Combinations, r-Combinations with Repetition Allowed.
November	1 <sup>st</sup> week	30-10-2023	3	Probability Axioms and

		04-11-2023		Expected Value, Conditional Probability, Bayes' Formula, and Independent Events. Practical 9: Boolean Algebra.
	2 <sup>nd</sup> week	06-11-2023 11-11-2023	3	10 <sup>th</sup> November Dhanteras Practical 10: Recurrence relations
	3 <sup>rd</sup> Week	13-11-2023 27-11-2023		13 <sup>th</sup> November to 27 <sup>th</sup> November Diwali Vacation

# Eknath B Madhavi Senior College, Dombivli

## Teaching Plan

Academic Year: 2023-24

Name of the Teacher :Mr.Prasad Umarji Sir	Faculty	Course : Bsc.IT
Department : IT	Subject:IP	

Class : FY BSCIT

Month:June-Nov

Month	Week	Dates of the week	No of the lectures	Topic
June	3 <sup>rd</sup> Week	19-6-2023 24-6-2023	3	Reopening of S.Y and T.Y. B.Com Unit-I Introduction: Types of Programming languages, History, features and application. 21 <sup>st</sup> June Yoga day Celebration
June	4 <sup>th</sup> week	26-6-2023 01-7-2023	3	29 <sup>th</sup> June Holiday on account of Bakri Id Simple program logic, program development cycle pseudocode statements and flowchart symbols, sentinel value to end a program.
July	1 <sup>st</sup> week	03-7-2023 08-7-2023	3	6 <sup>th</sup> July Ashadi Ekdashi and Guru Purnima Day celebration User environments, evolution of programming models., desirable program characteristics.
July	2 <sup>nd</sup> week	10-7-2023 15-7-2023	3	Fundamentals: 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, symbolic constants.  Practical 1: Basic Programs
July	3 <sup>rd</sup> Week	17-7-2023 22-7-2023	3	Unit-II Operators and Expressions: Arithmetic operators, unary operators, relational and logical operators,

				assignment operators. practical 2: Programs on variables
July	4 <sup>th</sup> week	24-7-2023 29-7-2023	3	29 <sup>th</sup> July Muharram Holiday assignment operators, the conditional operator, library functions.
August	1 <sup>st</sup> week	31-7-2023 5-8-2023	3	Data Input and output: Single character input and output. Practical 3: Conditional statements and loops(basic)
August	2 <sup>nd</sup> week	7-8-2023 12-8-2023	3	entering input data, scanf function, printf function, gets and puts functions, interactive programming. Practical 4: Conditional statements and loops(advanced)
August	3 <sup>rd</sup> Week	14-8-2023 19-8-2023	3	15 <sup>TH</sup> August independence day Unit-III Conditional Statements and Loops: Decision Making Within A Program, Conditions, Relational Operators. 16 <sup>th</sup> August parsi new year
August	4 <sup>th</sup> week	21-8-2023 26-8-2023	3	Logical Connectives, If Statement, If-Else Statement, Loops: While Loop, Do While, For Loop. Nested Loops, Infinite Loops, Switch Statement.
August	5 <sup>th</sup> week	28-8-2023 02-9-2023	3	30 <sup>th</sup> August Raksha Bandhan Functions: Overview, defining a function, accessing a function, passing arguments to a function, specifying argument data types, function prototypes, recursion. Practical 5: Programs on patterns.
September	1 <sup>st</sup> week	4-9-2023 9-9-2023	3	5 September Teachers day Celebration Modular programming and functions, standard library of c functions, prototype of a function: foo11al parameter list, return type, function call, block structure, passing arguments to a function: call by reference, call by value. 7 <sup>th</sup> September Janmashtmi
September	2 <sup>nd</sup> week	11-9-2023 16-9-2023	3	ATKT Exams of Sem-II & Sem – IV Unit-IV Program structure: Storage classes, automatic variables, external variables, static variables, multifile programs, more library

				functions.
September	3 <sup>rd</sup> Week	18-9-2023 23-9-2023	3	19 <sup>th</sup> Sept to 23 <sup>rd</sup> Sept Ganpati Festival Preprocessor: Features, #define and #include, Directives and Macros.
September	4 <sup>th</sup> week	25-9-2023 30-9-2023	3	28 <sup>th</sup> Sept Anant Chaturdashi & Eid-E-Milad Arrays: Definition, processing, passing arrays to functions.
October	1 <sup>st</sup> week	2-10-2023 7-10-2023	3	2 Oct Gandhi Jayanti Multidimensional arrays, arrays and strings. Practical 6: Functions
	2 <sup>nd</sup> week	9-10-2023 14-10-2023	3	Unit-V Pointers: Fundamentals, declarations, Pointers Address Operators, Pointer Type Declaration, Pointer Assignment, Pointer Initialization. Practical 7: Recursive functions
	3 <sup>rd</sup> week	16-10-2023 21-10-2023	3	Pointer Arithmetic, Functions and Pointers, Arrays And Pointers, Pointer Arrays, passing functions to other functions Practical 8: Arrays
	4 <sup>th</sup> week	23-10-2023 28-10-2023	3	24 <sup>th</sup> Oct Dussehra (Regular exam Sem-III) Structures and Unions: Structure Variables, Initialization.
November	1 <sup>st</sup> week	30-10-2023 04-11-2023	3	Structure Assignment, Nested Structure, Structures and pointers. Practical 9: Pointers
	2 <sup>nd</sup> week	06-11-2023 11-11-2023	3	10 <sup>th</sup> November Dhanteras Structures and Functions. Practical 10: Structures and Unions
	3 <sup>rd</sup> Week	13-11-2023 27-11-2023		13 <sup>th</sup> November to 27 <sup>th</sup> November Diwali Vacation

**Ek Nath B Madhavi Senior College, Dombivli**  
**Teaching Plan**  
 Academic Year: 2023-24

Name of the Teacher : Mr.Ravikant Ahire Sir	Faculty	Course : Bsc IT
Department : IT	Subject:GC	

Class : FY BSCIT

Month:Nov 2023- April 2024

Month	Week	Dates of the week	No of the lectures	Topic
November	4 <sup>th</sup> week	28-11-2023 30-11-2023	3	Re-opening of College Unit-I Overview and Issues: Problems: Toxins, Power Consumption, Equipment Disposal,Company's Carbon Footprint.
December	1 <sup>st</sup> week	01-12-2023 02-12-2023	3	Exams of 1 <sup>st</sup> year students
	2 <sup>nd</sup> week	04-12-2023 09-12-2023	3	Exams of 1 <sup>st</sup> year students
	3 <sup>rd</sup> week	11-12-2023 16-12-2023	3	Measuring, Details, reasons to bother, Plan for the Future, Cost Savings: Hardware, Power.
	4 <sup>th</sup> week	18-12-2023 23-12-2023	3	Initiatives and Standards: Global Initiatives: United Nations, Basel Action Network, Basel Convention.
	5 <sup>th</sup> week	25-12-2023 30-12-2023	0	Christmas Vacation
January	1 <sup>st</sup> week	02-01-2024 06-01-2024	3	Cultural activities from 4 <sup>th</sup> Jan, 2024 to 13 <sup>th</sup> Jan, 2024 Initiatives in North America: The United States, Canada, Australia,Europe WEEE Directive, RoHS, National Adoption, Asia
	2 <sup>nd</sup> week	08-01-2024 13-01-2024	3	Cultural and sports activities Unit-II Minimizing Power Usage: Power Problems, Monitoring Power Usage, Servers, Low-Cost Options.
	3 <sup>rd</sup> week	15-01-2024 20-01-2024	2	15 <sup>th</sup> January, Makar Sankranti 20 <sup>th</sup> January, Annual Sports Day Virtualization,Management, Bigger Drives, Involving the Utility Company, Low-Power Computers.
	4 <sup>th</sup> week	22-01-2024	2	22 <sup>th</sup> January, Lord Shri Ram Mandir

		27-01-2024		Pran Pratistha 24 <sup>th</sup> January, Distribution of Regular & ATKT Marksheets 26 <sup>th</sup> January, Republic Day Celebration Cooling: Cooling Costs, Power Cost, Causes of Cost, Calculating Cooling Needs, Reducing Cooling Costs ,Economizers.
	5 <sup>th</sup> week	29-01-2024 31-01-2024	3	Humidity, Adding Cooling, Fluid Considerations, System Design, Datacentre Design, Put Everything Together.
February	1 <sup>st</sup> week	01-02-2024 03-02-2024	3	Unit-III Changing the Way of Work: Analysing the Global Impact of Local Actions, Steps: Water, Recycling, Energy.
	2 <sup>nd</sup> week	05-02-2024 10-02-2024	3	6 <sup>th</sup> February, Form filling of Regular & ATKT exams 10 <sup>th</sup> February, Prize distribution (Tentative) Pollutants, Teleworkers and Outsourcing, Outsourcing, how to Outsource.
	3 <sup>rd</sup> week	12-02-2024 17-02-2024	3	Going Paperless: Paper Problems, The Environment, Costs.
	4 <sup>th</sup> week	19-02-2024 24-02-2024	3	19 <sup>th</sup> February, Shivaji Jayanti Intranets, What to Include, Building an Intranet, Microsoft Office SharePoint Server 2007, Electronic Data Interchange (EDI).
	5 <sup>th</sup> week	26-02-2024 29-02-2024	3	Unit-IV Recycling: Problems, China, Africa, Materials, Means of Disposal, Recycling, Refurbishing, Make the Decision, Finding the Best One.
March	1 <sup>st</sup> week	01-03-2024 02-03-2024	3	CDs and DVDs, good and bad about CD and DVDs disposal, Change the mind-set, David vs. America Online.
	2 <sup>nd</sup> week	04-03-2024 09-03-2024	3	8 <sup>th</sup> March, Mahashivratri Certification Programs, EPEAT, RoHS, Energy Star, Computers, Monitors, Printers, Scanners, All-in-Ones, Thin Clients.
	3 <sup>rd</sup> week	11-03-2024 16-03-2024	3	Blade Servers, Consolidation, Products, Hardware Considerations, Planned Obsolescence, Packaging, Other Factors.
	4 <sup>th</sup> week	18-03-2024	3	Unit-V Greening Your Information

		23-03-2024		Systems: Initial Improvement Calculations, Tracking Progress, Change Business Processes, Paper Reduction.
	5 <sup>th</sup> week	25-03-2024 30-03-2024	3	25 <sup>th</sup> March, Holi 29 <sup>th</sup> March, Good Friday Green Supply Chain, Improve Technology Infrastructure, Reduce PCs and Servers, Shared Services, Hardware Costs, Cooling.
April	1 <sup>st</sup> week	01-04-2024 06-04-2024	3	Staying Green: Organizational Check- ups, Chief Green Officer, Sell the CEO, Tracking the data.
	2 <sup>nd</sup> week	08-04-2024 13-04-2024	3	9 <sup>th</sup> April, Gudi Padwa 11 <sup>th</sup> April, Ramzan Eid Baseline Data, Benchmarking, Analyse Data, Conduct Audits.
	3 <sup>rd</sup> week	15-04-2024 20-04-2024	3	17 <sup>th</sup> April, Ram Navmi Certifications, Benefits, Realities, Helpful Organizations.
	4 <sup>th</sup> week	22-04-2024 27-04-2024	0	Exams
	5 <sup>th</sup> week	29-04-2024 30-04-2024	0	Exams

## Eknath B Madhavi Senior College, Dombivli

### Teaching Plan

Academic Year: 2023-24

Name of the Teacher : Mr.Ravikant Ahire Sir	Faculty	Course : Bsc IT
Department : IT		

Class : FY BSCIT

Month:Nov 2023- April 2024

Month	Week	Dates of the week	No of the lectures	Topic
November	4 <sup>th</sup> week	28-11-2023 30-11-2023	3	Re-opening of College Unit-I Microprocessor, microcomputers, and Assembly Language
December	1 <sup>st</sup> week	01-12-2023 02-12-2023	0	Exams of 1 <sup>st</sup> year students
	2 <sup>nd</sup> week	04-12-2023 09-12-2023	0	Exams of 1 <sup>st</sup> year students
	3 <sup>rd</sup> week	11-12-2023 16-12-2023	3	Microprocessor Architecture and Microcomputer Systems:
	4 <sup>th</sup> week	18-12-2023 23-12-2023	3	8085 Microprocessor Architecture and Memory Interface: Illustrative Example: Designing Memory.
	5 <sup>th</sup> week	25-12-2023 30-12-2023	0	Christmas Vacation
January	1 <sup>st</sup> week	02-01-2024 06-01-2024	3	Cultural activities from 4 <sup>th</sup> Jan, 2024 to 13 <sup>th</sup> Jan, 2024 Testing and Troubleshooting Memory Interfacing Circuit, 8085- Based Single-Board microcomputer. Practical 1: Perform the following Operations related to memory locations.
	2 <sup>nd</sup>	08-01-	3	Cultural and sports activities

	week	2024 13-01- 2024		Unit-II Interfacing of I/O Devices: practical 2: Simple assembly language programs.
	3 <sup>rd</sup> week	15-01- 2024 20-01- 2024	2	15 <sup>th</sup> January, Makar Sankranti 20 <sup>th</sup> January, Annual Sports Day Testing and Troubleshooting I/O Interfacing Circuits. Introduction to 8085 Assembly Language Programming:
	4 <sup>th</sup> week	22-01- 2024 27-01- 2024	3	22 <sup>th</sup> January, Lord Shri Ram Mandir Pran Pratistha 24 <sup>th</sup> January, Distribution of Regular & ATKT Marksheets 26 <sup>th</sup> January, Republic Day Celebration Introduction to 8085 Instructions: Practical 3: Packing and unpacking operations.
	5 <sup>th</sup> week	29-01- 2024 31-01- 2024	3	Writing Assembly Languages Programs, Debugging a Program. Practical 4: Register Operations.
February	1 <sup>st</sup> week	01-02- 2024 03-02- 2024	3	Unit-III Programming Techniques With Additional Instructions:Programming Techniques
	2 <sup>nd</sup> week	05-02- 2024 10-02- 2024	2	6 <sup>th</sup> February, Form filling of Regular & ATKT exams 10 <sup>th</sup> February, Prize distribution (Tentative) Arithmetic Instruction Related to Memory, Logic Operations
	3 <sup>rd</sup> week	12-02- 2024 17-02- 2024	3	Counters and Time Delays:Counters and Time Delays, Illustrative Programs.
	4 <sup>th</sup> week	19-02- 2024 24-02- 2024	3	19 <sup>th</sup> February, Shivaji Jayanti Stacks and Sub-Routines: Practical-5: Multiple memory locations.
	5 <sup>th</sup> week	26-02- 2024 29-02- 2024	3	Unit-IV Code Conversion, BCD Arithmetic, and 16-Bit Data Operations:
March	1 <sup>st</sup> week	01-03- 2024 02-03-	3	Binary-to-ASCII and ASCII- to-Binary Code Conversion, BCD Addition, BCD

		2024		Subtraction, Introduction To Advanced Instructions and Applications.
	2 <sup>nd</sup> week	04-03-2024 09-03-2024	3	8 <sup>th</sup> March, Mahashivratri Software Development System and Assemblers.
	3 <sup>rd</sup> week	11-03-2024 16-03-2024	3	Interrupts: The 8085 Interrupt, 8085 Vectored Interrupts, Restart as S/W Instructions. Practical 6: Calculations with respect to memory locations.
	4 <sup>th</sup> week	18-03-2024 23-03-2024	3	Unit-V The Pentium and Pentium Pro microprocessors Practical 7: Assembly programs on memory locations.
	5 <sup>th</sup> week	25-03-2024 30-03-2024	3	25 <sup>th</sup> March, Holi 29 <sup>th</sup> March, Good Friday Core 2 and later Microprocessors Practical 8: String operations in assembly programs.
April	1 <sup>st</sup> week	01-04-2024 06-04-2024	3	SUN SPARC Microprocessor: Architecture, Register file, data types and instruction format.
	2 <sup>nd</sup> week	08-04-2024 13-04-2024	3	9 <sup>th</sup> April, Gudi Padwa 11 <sup>th</sup> April, Ramzan Eid Practical 9: Calculations on memory locations.
	3 <sup>rd</sup> week	15-04-2024 20-04-2024	3	17 <sup>th</sup> April, Ram Navmi Practical 10: Operations on BCD numbers.
	4 <sup>th</sup> week	22-04-2024 27-04-2024	0	Exams
	5 <sup>th</sup> week	29-04-2024 30-04-2024	0	Exams

**Eknath B Madhavi Senior College, Dombivli**  
**Teaching Plan**  
 Academic Year: 2023-24

Name of the Teacher : Mr.Anil Sharma Sir	Faculty	Course : Bsc IT
Department : IT	Sub:NSM	

Class : FY BSCIT

Month:Nov 2023- April 2024

Month	Week	Dates of the week	No of the lectures	Topic
November	4 <sup>th</sup> week	28-11-2023 30-11-2023	3	Re-opening of College Unit-I Mathematical Modeling and Engineering Problem Solving: A Simple Mathematical Model, Conservation Laws and Engineering Problems.
December	1 <sup>st</sup> week	01-12-2023 02-12-2023	0	Exams of 1 <sup>st</sup> year students
	2 <sup>nd</sup> week	04-12-2023 09-12-2023	0	Exams of 1 <sup>st</sup> year students
	3 <sup>rd</sup> week	11-12-2023 16-12-2023	3	Approximations and Round-Off Errors: Significant Figures, Accuracy and Precision, Error Definitions, Round-Off Errors.
	4 <sup>th</sup> week	18-12-2023 23-12-2023	3	Truncation Errors and the Taylor Series: The Taylor Series, Error Propagation, Total Numerical Errors, Formulation Errors.
	5 <sup>th</sup> week	25-12-2023 30-12-2023	0	Christmas Vacation
January	1 <sup>st</sup> week	02-01-2024 06-01-2024	3	Cultural activities from 4 <sup>th</sup> Jan, 2024 to 13 <sup>th</sup> Jan, 2024 Practical 1: Iterative Calculation.
	2 <sup>nd</sup> week	08-01-2024 13-01-2024	3	Cultural and sports activities Unit-II Solutions of Algebraic and Transcendental Equations: practical 2: Solution of algebraic and transcendental equations.
	3 <sup>rd</sup> week	15-01-2024 20-01-2024	2	15 <sup>th</sup> January, Makar Sankranti 20 <sup>th</sup> January, Annual Sports Day The Secant Method, Interpolation:
	4 <sup>th</sup> week	22-01-2024 27-01-2024	2	22 <sup>th</sup> January, Lord Shri Ram Mandir Pran Pratistha

				24 <sup>th</sup> January, Distribution of Regular & ATKT Marksheets 26 <sup>th</sup> January, Republic Day Celebration Newton's Forward Difference Interpolation. Practical 3: Interpolation.
	5 <sup>th</sup> week	29-01-2024 31-01-2024	3	Newton's Backward Difference Interpolation, Lagrange's Interpolation. Practical 4: Solving linear system of equations by iterative methods.
February	1 <sup>st</sup> week	01-02-2024 03-02-2024	3	Unit-III Solution of simultaneous algebraic equations (linear) using iterative methods
	2 <sup>nd</sup> week	05-02-2024 10-02-2024	3	6 <sup>th</sup> February, Form filling of Regular & ATKT exams 10 <sup>th</sup> February, Prize distribution (Tentative) Numerical differentiation and Integration: Numerical differentiation.
	3 <sup>rd</sup> week	12-02-2024 17-02-2024	3	Numerical integration using Trapezoidal Rule, Simpson's 1/3rd and 3/8th rules.
	4 <sup>th</sup> week	19-02-2024 24-02-2024	3	19 <sup>th</sup> February, Shivaji Jayanti Numerical solution of 1st and 2nd order differential equations Practical-5: Numerical Differentiation.
	5 <sup>th</sup> week	26-02-2024 29-02-2024	3	Unit-IV Least-Squares Regression: Linear Regression, Polynomial Regression.
March	1 <sup>st</sup> week	01-03-2024 02-03-2024	3	Multiple Linear Regression, General Linear Least Squares, Nonlinear Regression.
	2 <sup>nd</sup> week	04-03-2024 09-03-2024	3	8 <sup>th</sup> March, Mahashivratri Linear Programming: Linear optimization problem, Formulation and Graphical solution.
	3 <sup>rd</sup> week	11-03-2024 16-03-2024	3	Basic solution and Feasible solution. Practical-6: Numerical Integration.
	4 <sup>th</sup> week	18-03-2024 23-03-2024	3	Unit-V Random variables: Discrete and Continuous random variables, Probability density function. Practical 7: Solution of differential equations.
	5 <sup>th</sup> week	25-03-2024 30-03-2024	3	25 <sup>th</sup> March, Holi 29 <sup>th</sup> March, Good Friday Probability distribution of random variables, Expected value, Variance. Practical 8: Regression.

April	1 <sup>st</sup> week	01-04-2024 06-04-2024	3	Distributions Practical 9: Random variables and distributions.
	2 <sup>nd</sup> week	08-04-2024 13-04-2024	3	9 <sup>th</sup> April, Gudi Padwa 11 <sup>th</sup> April, Ramzan Eid Practical 10: Distributions.
	3 <sup>rd</sup> week	15-04-2024 20-04-2024	3	17 <sup>th</sup> April, Ram Navmi
	4 <sup>th</sup> week	22-04-2024 27-04-2024	0	Exams
	5 <sup>th</sup> week	29-04-2024 30-04-2024	0	Exams

**Eknath B Madhavi Senior College, Dombivli**  
**Teaching Plan**  
 Academic Year: 2023-24

Name of the Teacher : Mr.Prasad Umarji Sir	Faculty	Course : BscIT
Department : IT	Sub:-OOPS	

Class : FY BSCIT

Month:Nov 2023- April 2024

Month	Week	Dates of the week	No of the lectures	Topic
November	4 <sup>th</sup> week	28-11-2023 30-11-2023	3	Re-opening of College Unit-I Object Oriented Methodology: Introduction, Advantages and Disadvantages of Procedure Oriented Languages, what is Object Oriented?
December	1 <sup>st</sup> week	01-12-2023 02-12-2023	3	Exams of 1 <sup>st</sup> year students
	2 <sup>nd</sup> week	04-12-2023 09-12-2023	3	Exams of 1 <sup>st</sup> year students
	3 <sup>rd</sup> week	11-12-2023 16-12-2023	3	What is Object Oriented Development? Object Oriented Themes, Benefits and Application of OOPS.
	4 <sup>th</sup> week	18-12-2023 23-12-2023	3	Principles of OOPS: OOPS Paradigm, Basic Concepts of OOPS: Objects, Classes, Data Abstraction and Data Encapsulation.
	5 <sup>th</sup> week	25-12-2023 30-12-2023	0	Christmas Vacation
January	1 <sup>st</sup> week	02-01-2024 06-01-2024	3	Cultural activities from 4 <sup>th</sup> Jan, 2024 to 13 <sup>th</sup> Jan, 2024 Inheritance, Polymorphism, Dynamic Binding, Message Passing. Practical 1: Classes and methods
	2 <sup>nd</sup> week	08-01-2024 13-01-2024	3	Cultural and sports activities Unit-II Classes and Objects: Simple classes Defining member functions. practical 2: Using friend functions.
	3 <sup>rd</sup> week	15-01-2024 20-01-2024	2	15 <sup>th</sup> January, Makar Sankranti 20 <sup>th</sup> January, Annual Sports Day Constructors and Destructors: Introduction, Default Constructor, Parameterized Constructor and

				examples, Destructors.
	4 <sup>th</sup> week	22-01-2024 27-01-2024	2	22 <sup>th</sup> January, Lord Shri Ram Mandir Pran Pratistha 24 <sup>th</sup> January, Distribution of Regular & ATKT Marksheets 26 <sup>th</sup> January, Republic Day Celebration Practical 3: Constructors and method overloading.
	5 <sup>th</sup> week	29-01-2024 31-01-2024	3	Practical 4: Operator Overloading.
February	1 <sup>st</sup> week	01-02-2024 03-02-2024	3	Unit-III Polymorphism: Concept of function overloading, overloaded operators, overloading operators, overloading comparison operator.
	2 <sup>nd</sup> week	05-02-2024 10-02-2024	3	6 <sup>th</sup> February, Form filling of Regular & ATKT exams 10 <sup>th</sup> February, Prize distribution (Tentative) overloading arithmetic assignment operator, Data Conversion between objects and basic types.
	3 <sup>rd</sup> week	12-02-2024 17-02-2024	3	Virtual Functions: Introduction and need, Pure Virtual Functions, Static Functions, this Pointer, abstract classes, virtual destructors.
	4 <sup>th</sup> week	19-02-2024 24-02-2024	3	19 <sup>th</sup> February, Shivaji Jayanti Practical-5: Inheritance
	5 <sup>th</sup> week	26-02-2024 29-02-2024	3	Unit-IV Program development using Inheritance: Introduction, understanding inheritance, Advantages provided by inheritance, access specifier.
March	1 <sup>st</sup> week	01-03-2024 02-03-2024	3	Derived class declaration, derived class constructors, class hierarchies, multiple inheritance, multilevel inheritance, containership, hybrid inheritance.
	2 <sup>nd</sup> week	04-03-2024 09-03-2024	3	8 <sup>th</sup> March, Mahashivratri Exception Handling: Introduction, Exception Handling Mechanism.
	3 <sup>rd</sup> week	11-03-2024 16-03-2024	3	Concept of throw & catch with example. Practical 6: Virtual functions and abstract classes.
	4 <sup>th</sup> week	18-03-2024 23-03-2024	3	Unit-V Templates: Introduction, Function Template and examples. Practical 7: String handling.

	5 <sup>th</sup> week	25-03-2024 30-03-2024	3	25 <sup>th</sup> March, Holi 29 <sup>th</sup> March, Good Friday Class Template and examples. Practical 8: Exception handling.
April	1 <sup>st</sup> week	01-04-2024 06-04-2024	3	Working with Files: Introduction, File Operations, Various File Modes.
	2 <sup>nd</sup> week	08-04-2024 13-04-2024	3	9 <sup>th</sup> April, Gudi Padwa 11 <sup>th</sup> April, Ramzan Eid File Pointer and their Manipulation. Practical 9: File handling.
	3 <sup>rd</sup> week	15-04-2024 20-04-2024	3	17 <sup>th</sup> April, Ram Navmi Practical 10: Recurrence relations.
	4 <sup>th</sup> week	22-04-2024 27-04-2024	0	Exams
	5 <sup>th</sup> week	29-04-2024 30-04-2024	0	Exams

## Eknath B Madhavi Senior College, Dombivli

### Teaching Plan

Academic Year: 2023-24

Name of the Teacher : Neha Kore Ma'am	Faculty	Course : Bsc IT
Department : IT		

Class : FY BSCIT

Month: Nov 2023- April 2024

Month	Week	Dates of the week	No of the lectures	Topic
November	4 <sup>th</sup> week	28-11-2023 30-11-2023	3	Re-opening of College Unit-I Internet and the World Wide Web: What is Internet? Introduction to internet and its applications, E-mail, telnet, FTP, e-commerce, video conferencing, e-business. Internet service providers, domain name server, internet address, World Wide Web (WWW)
December	1 <sup>st</sup> week	01-12-2023 02-12-2023	0	Exams of 1 <sup>st</sup> year students
	2 <sup>nd</sup> week	04-12-2023 09-12-2023	0	Exams of 1 <sup>st</sup> year students
	3 <sup>rd</sup> week	11-12-2023 16-12-2023	3	HTML5: Introduction, Why HTML5? Formatting text by using tags, using lists and backgrounds.
	4 <sup>th</sup> week	18-12-2023 23-12-2023	3	Creating hyperlinks and anchors. Style sheets, CSS formatting text using style sheets.
	5 <sup>th</sup> week	25-12-2023 30-12-2023	0	Christmas Vacation
January	1 <sup>st</sup> week	02-01-2024 06-01-2024	3	Cultural activities from 4 <sup>th</sup> Jan, 2024 to 13 <sup>th</sup> Jan, 2024 Formatting paragraphs using style sheets. Practical 1: Use of Basic Tags.
	2 <sup>nd</sup> week	08-01-2024 13-01-2024	3	Cultural and sports activities Unit-II HTML5 Page layout and navigation: Creating navigational aid. practical 2: Image maps, Tables, Forms

				and Media.
	3 <sup>rd</sup> week	15-01-2024 20-01-2024	2	15 <sup>th</sup> January, Makar Sankranti 20 <sup>th</sup> January, Annual Sports Day creating image map, redirecting to another URL, creating division based layouts: positioning and formatting divisions.
	4 <sup>th</sup> week	22-01-2024 27-01-2024	2	22 <sup>th</sup> January, Lord Shri Ram Mandir Pran Pratistha 24 <sup>th</sup> January, Distribution of Regular & ATKT Marksheets 26 <sup>th</sup> January, Republic Day Celebration HTML5 Tables, Forms and Media: Creating tables: Practical 3: Java Script.
	5 <sup>th</sup> week	29-01-2024 31-01-2024	3	changing cell padding, spacing and alignment, creating user forms, Incorporating sound and video. Practical 4: Control and looping statements and Java Script references.
February	1 <sup>st</sup> week	01-02-2024 03-02-2024	3	Unit-III Java Script: Introduction, Client-Side JavaScript, Server-Side JavaScript, JavaScript Objects, JavaScript Security.
	2 <sup>nd</sup> week	05-02-2024 10-02-2024	3	6 <sup>th</sup> February, Form filling of Regular & ATKT exams 10 <sup>th</sup> February, Prize distribution (Tentative) Operators, Special Operators.
	3 <sup>rd</sup> week	12-02-2024 17-02-2024	3	Statements, Core JavaScript (Properties and Methods of Each), Document and its associated objects.
	4 <sup>th</sup> week	19-02-2024 24-02-2024	3	19 <sup>th</sup> February, Shivaji Jayanti Events and Event Handlers. Practical-5: Basic PHP I.
	5 <sup>th</sup> week	26-02-2024 29-02-2024	3	Unit-IV PHP: Why PHP and MySQL? Server-side scripting, PHP syntax and Variables.
March	1 <sup>st</sup> week	01-03-2024 02-03-2024	3	comments, types, control structures, branching, looping, termination, functions, passing information with PHP, GET, POST, formatting form variables.
	2 <sup>nd</sup> week	04-03-2024 09-03-2024	3	8 <sup>th</sup> March, Mahashivratri superglobal arrays, strings and string functions, regular expressions, arrays, number handling.

	3 <sup>rd</sup> week	11-03-2024 16-03-2024	3	Basic PHP errors/problems. Practical 6: Calculations with respect to memory locations. Practical-6: Basic PHP II
	4 <sup>th</sup> week	18-03-2024 23-03-2024	3	Unit-V Advanced PHP and MySQL : PHP/MySQL Functions, Integrating web forms and databases. Practical 7: String Functions and arrays.
	5 <sup>th</sup> week	25-03-2024 30-03-2024	3	25 <sup>th</sup> March, Holi 29 <sup>th</sup> March, Good Friday Displaying queries in tables, Building Forms from queries, String and Regular Expressions. Practical 8: PHP and Database.
April	1 <sup>st</sup> week	01-04-2024 06-04-2024	3	Sessions, Cookies and HTTP, E-Mail. Practical 9: Email.
	2 <sup>nd</sup> week	08-04-2024 13-04-2024	3	9 <sup>th</sup> April, Gudi Padwa & 11 <sup>th</sup> April, Ramzan Eid Practical 10: Sessions and Cookies.
	3 <sup>rd</sup> week	15-04-2024 20-04-2024	3	17 <sup>th</sup> April, Ram Navmi Revision
	4 <sup>th</sup> week	22-04-2024 27-04-2024	0	Exams
	5 <sup>th</sup> week	29-04-2024 30-04-2024	0	Exams