Class: MSC	Semester: FIRST
Subject:WEB ENGINEERING	
Paper (P.G): MS-15-11	

S. No.	Course Outcomes
1	They will exacerbate their ideas by adding knowledge of basics of Web Engineering and Web Essentials.
2	They will grasp the Knowledge about HTML and Cascading Style Sheets(CSS)
3	They will expidite their ideas by studying the concept of Client -Side Programming and Server –Side Programming.
4	Students will understand XML ,SGML,HTML and their structure,syntax,DTD and its Structure ,Linking with XML and displaying XML with browsers.

Class: MSC	Semester: FIRST
Subject: DATA STRUCTURES AND ALGORITHMS	
Paper (P.G): MS-15-12	

S. No.	Course Outcomes
1	They will exacerbate their ideas by adding knowledge of Data Structure,Arrays,Stacks,Queues and Linked List.
2	They will expidite their ideas by studying the concept of the Trees and Graphs.
3	They will familiarize with the concepts of basics of Algorithms,Divide and Conquer,Analysis of Heap Sort,Quick Sort,Counting Sort, Radix Sort, Bucket Sorts And Dynamic Programming
4	Students will understand the concept of Greedy Techniques,Graphs Algorithms,All Pairs Shortest Path, Computational Complexity, Complexity Classes.

Class: MSC	Semester: FIRST
Subject: SOFTWARE ENGINEERING	
Paper(P.G): MS-15-13	

S. No.	Course Outcomes
1	They will exacerbate their ideas by adding knowledge of basics of Software,Software Life Cycle Models And Software Metrics.
2	They will familiarize with the concepts of basics of Software Project Planning And Software Requirement Analysis And Software Specifications.
3	Students will understand the concept of Software Design, Coding,Software Reliability.
4	They will grasp the Knowledge about Software Testing,Structural Testing, Software Testing Strategies,Static Testing,Software Maintenance.

Class: MSC	Semester: FIRST
Subject: DISCRETE MATHEMATICAL STRUCTURES	
Paper (P.G):MS-15-14	

S. No.	Course Outcomes
1	They will exacerbate their ideas by adding knowledge of Set Theory, Relations,Functions.
2	They will expidite their ideas by studying the concept of Propositional Calculus,Normal Forms,Counting,Binomial Coefficients And Counting Principles.
3	They will familiarize with the concepts of Advanced Counting Techniques, Lattices and Boolean Algebra.

4	Students will understand the concept of Graphs and Trees.

Class: MSC	Semester: SECOND

Class: MSC   **Semester: SECOND**
Subject: JAVA PROGRAMMING
Paper (P.G): MS-15-21

S. No.	Course Outcomes
1	They will expidite their ideas by studying the concept of basics of Java, variables and Data Types, Operators and Expression, Decision Making, Branching and Looping, jump statements.
2	They will familiarize with the concepts of basics of Introducing classes, objects an d methods, Arrays and String.
3	Students will understand the concept of Packages and interfaces, Exception Handli ng, Multithreaded Programming.
4	Students will understand Java thread model: synchronization, messaging, thread classes.
5	They will grasp the Knowledge about I/O Streams, Wrapper classes, Input/Output Programming.
6	Students will understand Event Handling, Working with windows, Graphics and Text, using AWT controls,Beans, Swings.

Class: MSC   **Semester: SECOND**
Subject: LINUX AND SHELL PROGRAMMING
Paper (P.G): MS-15-22

S. No.	Course Outcomes
1	They will expidite their ideas by studying the concept of basic knowledge of Unix/ Linux, Commands in Unix/Linux.
2	They will familiarize with the Regular expressions & Filters in Linux, Linux/Unix file system.
3	They will grasp the Knowledge about Processes in Linux, System Calls.
4	They will exacerbate their ideas by adding knowledge of the Basic system administration in Linux/Unix, Shell Programming.

Class: MSC	Semester: SECOND

Class: MSC **Semester: SECOND**
Subject: THEORY OF COMPUTATION
Paper (P.G): MS-15-23

S. No.	Course Outcomes
1	They will expidite their ideas by studying the concept of Computability and Non-computability and examples of non-computable problems, Russel's paradox, Designing of DFA and NDFA, Finite Automata with E-Transitions,
2	They will exacerbate their ideas by studying the concept of Regular Expression, Laws of Regular Expressions, Kleene's Theorem 1 and 2, FSM with Output,Arden's TheorEm, Myhill-Nerode Theorem.
3	They will familiarize with Grammar, Classification of Grammars, Construction of Context Free Grammar, Pushdown Automaton, Designing of PDA's, Parsing.
4	Students understand Linear Bounded Automata, Decidability, Turing machi nes and other undecidable problems.
5	They will exacerbate their ideas by adding knowledge of Reducibility, Computational Complexity, Theory of Optimization.

Class: MSC **Semester: SECOND**
Subject: COMPILER DESIGN
Paper (P.G): MS-15-24

S. No.	Course Outcomes
1	They will expidite their ideas by studying the concept of Compilers and Translators , Compiler Construction Tools, Lexical Analysis.
2	They will exacerbate their ideas by studying the concept of the Syntax-Directed Translation, Symbol Table, Run Time Storage Administration, Error Detection and Recovery.
3	They will exacerbate their ideas by adding knowledge of Parsing Technique, Construction of efficient Parsers , Using Ambiguous Grammars, YACC package on UNIX systems.
4	They will grasp the Knowledge about the Intermediate Code Generation, Code Optimization.