MVP Samaj's
Commerce, Management and Computer Science(CMCS)College, Nashik-13
Program Specific Outcomes - MSc(Computer Science)

	Principles of Programming Languages
PSO1	Understand basic language implementation techniques
PSO2	Compare programming language designs
PSO3	Develop an in-depth understanding of functional, logic, and object-oriented programming paradigms
PSO4	To understand concepts of syntax, translation, abstraction, and implementation
PSO5	Helps to understand how language features work.
PSO6	Understand design/implementation issues involved with variable allocation and binding, control flow, types, subroutines, parameter passing
PSO7	Implement several programs in languages other than the one emphasized in the core curriculum (Java/C++)
PSO8	Develop a greater understanding of the issues involved in programming language design and implementation
	Network Programming
PSO1	Basic Understanding of Networking Concepts
PSO2	Working Knowledge of C
PSO3	User Level Knowledge of Linux
	Programming with DOT NET
PSO1	To understand the DOTNET framework, C# language features and Web development using ASP.NET
PSO2	To understand object-oriented programming concepts such as data abstraction, encapsulation, inheritance, and polymorphism.
	Advance Algorithms
PSO1	To understand the importance of graph theory in problem solving.
PSO2	To know in more depth some important design and analysis techniques for algorithms, in particular, ways to approach NP-complete problems,
PSO3	To understand some pieces of current research on algorithms.
PSO4	To have some practice in recognizing connections between algorithmic problems and reducing them to each other.
	Software Metrics & Project Management
PSO1	Student learn to select and apply project management techniques for process modeling, planning, estimation, process metrics and risk management; perform software verification and validation using inspections, design and execution of system test cases.
PSO2	It examines Requirements Elicitation, Project Management, Verification and Validation and Management of Large Software Engineering Projects.

PSO3	Software Metrics and Project Management covers skills that are required to ensure successful medium and large scale software projects
	Functional Programming
PSO1	Understand what functional programming is, what different variants are there and have some grasp of their history.
PSO2	To understand the semantics of different functional languages using precise formal specifications
PSO3	Know how to implement functional languages and what optimizations are important
PSO4	Be able to state and critique what it means for an implementation of a functional programming language to be correct
PSO5	Be able to (in principle) formally prove correctness of their implementations, including their compilers and garbage collectors