



Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Department of Information Technology

Course Outcomes (CO)

Year: 3N Semester-Autumn (VI)

Subject: COMPILER DESIGN

Subject Code: 6IT01

CO1: Apply lexical analysis methods for specifying and recognizing the tokens.

CO2: Apply top-down parsing methods for error detection and error recovery in predictive parsing.

CO3: Apply bottom-up parsing methods for error detection and error recovery in predictive parsing.

CO4: Apply the syntax-directed translation rules for the generation of an annotated parse tree.

CO5: Assess the various source language issues during the intermediate code generation and run-time environment.

Subject: Design and Analysis of Algorithm

Subject Code: 6IT02

CO1: Analyze worst-case running times of algorithms using asymptotic analysis.

CO2: Describe the divide-and-conquer paradigm and explain when an algorithmic design situation calls for it.

CO3: Differentiate the greedy-programming paradigm and solve an algorithmic design situation calls for it.

CO4: Examine the dynamic programming approach and explain when an algorithmic design situation calls for it.

CO5: Differentiate and Apply the concept of Backtracking, Polynomial Time & Non Polynomial Time Algorithms.

Subject: Artificial Intelligence

Subject Code: 6IT03

CO1- Define Artificial Intelligence and identify problems for which solution by AI methods can be devised.

CO2- Evaluate of different uninformed search with stating valid conclusions that the evaluation supports.

CO3: Design and Analysis of informed search algorithms on well formulated problems.

CO4: Formulate and solve given problem using Propositional and First order logic.

CO5: Apply reasoning for non-monotonic AI problems.

CO6: Have a basic understanding of some of the more advanced topics of AI such as learning, Understanding, Natural Language

Subject: Big Data Analytics

Subject Code: 6IT04

CO1- Understand concepts of big data and analyze diverse business approaches.

CO2- Categorize different components of the Hadoop ecosystem and NoSQL data stores.

CO3- Classify different operations of MapReduce.

CO4- Examine various issues in stream processing and identify various algorithms for data.

CO5- Choose the proper big data mining algorithm based on a variety of applications.

Subject: Web Commerce

Subject Code: 6IT05

CO1: Demonstrate the basics of e-commerce, security approach, payment system, e-mail technologies and resources for e-commerce website establishment.

CO2: Apply the secure transport protocols and secure transaction protocols to make e-commerce safe.

CO3: Identify the processes for the internet monetary payment and security to make safe payment and order processes

CO4: Analyze the internet security issues and relevant solutions for the safe e-commerce.

CO5: Identify the models and technologies for message handling for the secured communication in e-commerce.

CO6: Identify the various internet resources and tools for the e-commerce website establishment.