Course Title	**ARTIFICIAL INTELLIGENCE**
Course Code	**CSC 324**
Course Purpose and Objectives	The purpose of this course is to provide to students knowledge to the main areas of interest in practical Artificial Intelligence with the use of the Python programming language. Students will be able to explain how to realize the intelligent human behaviour on a computer and discuss the ultimate goal of AI that is to make a computer learn, plan, and solve problems autonomously.
Learning Outcomes	1. Examine the main areas that comprise the field of artificial intelligence, such as problem solving, problem decomposition and AND/OR graphs, knowledge representation, expert systems, machine learning, game playing, and natural language processing 2. Discuss the practical application of artificial intelligence techniques in computer systems. 3. Formulate and assess problems in artificial intelligence. 4. Analyze, evaluate, compare, contrast and classify various artificial intelligence algorithms 5. Implement some significant artificial intelligence algorithms in Python.
Course Content	• Introduction to Artificial Intelligence • Problem Solving • Problem Decomposition and AND/OR Graphs • Knowledge Representation • Expert Systems • Machine Learning • Game Playing • Natural Language Understanding • Laboratory Work