



KSIT, Bengaluru

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ASSIGNMENT QUESTIONS

Academic Year	2021-2022 [Odd Semester]		
Batch	2018-2022		
Year/Semester/section	III/VII/A & B		
Subject Code-Title	18CS71-ARTIFICIAL INTELLIGENCE & MACHINE LEARNING		
Name of the Instructor	Deepa S TR & Beena K	Dept	CSE

Assignment No: 2		Total marks:10		
Date of Issue: 20/12/2021`		Date of Submission: 30/12/2021		
Sl.No	Assignment Questions	K Level	CO	Marks
1.	Develop unification process with its algorithm	Applying	CO2	1
2.	Summarize the conversion to clause form(CNF) for the given below facts 1. All Romans who know Caesar or think that anyone who hates anyone is crazy 2. All Romans were either loyal to Caesar or hated him 3. People only try to assassinate rulers they are not loyal to	Applying	CO2	1
3.	Design Back propagation and ID3 algorithm.	Applying	CO3	2
4.	Make use of suitable diagram, explain the concept of single perceptron and Gradient Descent Rule	Applying	CO3	2
6	Determine the application of neural network which is used for learning to steer an autonomous vehicle and Identify the appropriate problem for Neural Network Learning	Applying	CO3	2
7	Identify features of Bayesian learning methods	Applying	CO4	1
8	Derive Bayes theorem with an example	Applying	CO4	1

Course In charge

Module Coordinator

HOD