



ACE

Engineering College

(NBA ACCREDITED B.TECH COURSES & NAAC "A" GRADE)

An Autonomous Institution

Ankushapur (V), Ghatkesar (M), Madchal. Dist – 501 301

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

III B.Tech II Semester Regular(R18) (2020-21)

Sub:ML

ASSIGNMENT 1:

1. What is Bayes Theorem? Explain Naive based classifier with a suitable example.
2. Explain briefly about confusion matrix.
3. Discuss about Bayesian belief network.
4. What is k nearest neighbour approach.

ASSIGNMENT 2:

1. What is Genetic algorithm? Discuss about advantages and Limitations of Genetic Algorithm.
2. Discuss about basic structure of genetic algorithm?
3. Write a short notes about genetic operations with a suitable example.
4. What is Reinforcement Learning? Discuss about Limitations.
5. What is Q Learning? Discuss about Sequential Learning algorithm with Example.