**MACHINE LEARNING**

**ASSIGNMENT**

Q1. Explain machine learning with example and define Goals and applications.

Q2.Explain the training data and concept representation with example,

Q3. Explain well posed learning problems with example,

Q4. Define perspective & issues in machine learning.

Q5. Explain concept learning task

Q6. Explain candidate elimination algorithm

Q7. Explain the Decision Tree Learning Introduction

Q8. Define the hyperspace search in decision tree learning.

Q9. Evaluate the Naive Bayes learning algorithm.

Q10.Explain the Parameter smoothing with example

Q11. Differentiate Generative vs. discriminative training.

Q12.Explain the Bayes nets and Markov nets for representing dependencies Instance Based

Q13. Describe Unsupervised Leaning with example.

Q14. Explain the K-nearest neighbor learning.

Q15. Describe radial basis functions learning from unclassified data.

Q16.Explain Hierarchical Agglomerative Clustering and K-means partitioned clustering.

Q17. Explain Expectation maximization (EM) for soft clustering.

Q18. Explain Semi-supervised learning with EM using labeled and unlabeled data.

Q19. Explain function approximation in machine learning with suitable example.

Q20. Discuss the well posed learning algorithm with example.

Q21. How to choosing the training experience in machine learning. Explain it