

NIT CALICUT

DEPARTMENT OF CSED

ACADEMIC YEAR, SEMESTER: Winter Semester 2019-20

SUBJECT WITH CODE: Machine Learning (CS4044D)

COURSE FACULTY: Jay Prakash, Seema Yadav

Syllabus for End-Sem Exam (Max- Marks-20).

BTech-VI Sem & MCA IV SEM

Topics	Reference
Logistic Regression	Refer lecture notes and suggested ML reference book
Neural network Classifier: Forward propagation, Backward propagation	Refer lecture notes and suggested ML reference book
KNN	Refer lecture notes and suggested ML reference book
Bayesian classifier	Refer lecture notes and suggested ML reference book
Support Vector machine	Refer lecture notes and suggested ML reference book
Advice for Applying Machine Learning	Refer lecture notes and Andrew Ng Video (10.1-10.7) (https://www.youtube.com/watch?v=PPLop4L2eGk&list=PLLsT5z_DsK-h9vYZkQkYNWcltqhlRJLN)
Confusion Matrix, LOC, F1 score, Precision, Recall	Lecture Notes. https://www.youtube.com/watch?v=HBi-P5j0Kec . (Book: Deep Learning A Practitioner's Approach pp: PP-61-64)
Text preprocessing in Text data mining and NLP	Lecture Notes