



**RAJALAKSHMI
ENGINEERING COLLEGE**

An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

BONAFIDE CERTIFICATE

NAME Hansavandhini R

ACADEMIC YEAR ... 2024-2025 ... SEMESTER ... VI ... BRANCH ... AI&DS

UNIVERSITY REGISTER No.

2116221801016

Certified that this is the bonafide record of work done by the above student in the

AI19442 Fundamentals of Machine Learning Laboratory during the year **20²⁴ - 20²⁵**

Signature of Faculty - in - Charge












Submitted for the Practical Examination held on.....

External Examiner

Internal Examiner

INDEX

Name: Hanswardhini P Branch: AI&PS Sec: _____ Roll No: 221801616

S.No.	Date	Title	Page No.	Teacher's Sign/Remarks
1	23/1/25	univariate, Bivariate, Multivariate Regression implementation	1	
2	30/1/25	Simple linear Regression using Least Square Method	5	
3	6/2/25	logistic Regression Implementation	9	
4	13/2/25	Single layer Perceptron Implementation	13	
5	20/2/25	Neural layer perceptron with back propagation Implementation	15	
6	27/2/25	Face Recognition using SVM classifier	18	
7	6/3/25	Decision tree implementation	21	
8	27/3/25	Boosting implementation	23	
9	3/4/25	KNN and KMeans implementation	27	
10	10/4/25	Dimensionality reduction using PCA	31	
11	17/4/25	Simple application using TensorFlow or Keras	33	

Completed