

RAJALAKSHMI ENGINEERING COLLEGE

RAJALAKSHMI NAGAR, THANDALAM - 602 105.



RAJALAKSHMI ENGINEERING COLLEGE

AI 19442 - Fundamentals of
machine Learning

Laboratory Record Note Book

NAME ..Sivakalanuragan..G.....

BRANCH ..B.Tech AI & DS.....

UNIVERSITY REGISTER No ...2116 221801050.....

COLLEGE ROLL No ...221801050.....

SEMESTER ...VI.....

ACADEMIC YEAR ...2024-2025.....



RAJALAKSHMI
ENGINEERING COLLEGE
An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

BONAFIDE CERTIFICATE

NAME Sivakumaran . S

ACADEMIC YEAR 2024 - 2025 SEMESTER V BRANCH AIAS

UNIVERSITY REGISTER No.

2216 2218 01050

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

AI19442 - Fundamental

of machine learning Laboratory during the year **2024 - 2025**

Signature of Faculty - in - Charge

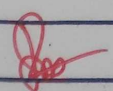
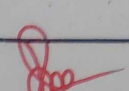
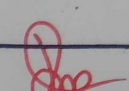
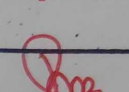
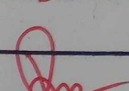

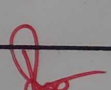
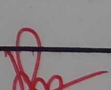
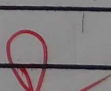

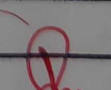
Submitted for the Practical Examination held on.....

External Examiner

Internal Examiner

INDEX

Name: Sivabalamurugan G. Branch: AI & DS Sec: _____ Roll No: 221801050

S.No.	Date	Title	Page No.	Teacher's Sign/Remarks
1.	24/1/25	Univariate, Bivariate and multivariate Regression	1	
2	31/1/25	Simple Linear Regression Least Square Method	7	
3.	7/2/25	Logistic Model	10	
4.	14/2/25	Single Layer Perception	13	
5.	21/2/25	Multi Layer Perception	17	
6.	28/2/25	Face Recognition using SVM	23	
7.	7/3/25	Decision Tree	27	
8.	28/3/25	Boosting	31	
9.	4/4/25	K-NN and K-mean implementation	36	
10.	11/4/25	Dimensionality Reduction using PCA	41	
11.	18/4/25	Simple application using Tensorflow / keras	46	
Completed				