

RAJALAKSHMI ENGINEERING COLLEGE

RAJALAKSHMI NAGAR, THANDALAM – 602 105



**AI23331 – FUNDAMENTALS OF MACHINE LEARNING
LABORATORY NOTEBOOK**

NAME: DINESH K V

YEAR/ BRANCH / SECTION: 2nd Yr / AIML

REGISTER NO. : 2116-241501048

SEMESTERS: 3RD SEMESTER

ACADEMIC YEAR: 2025-2026



**RAJALAKSHMI ENGINEERING COLLEGE
(AUTONOMOUS)
RAJALAKSHMI NAGAR, THANDALAM 602 105**

BONAFIDE CERTIFICATE

NAME: DINESH K V REGISTER NO: 241501048

ACADEMIC YEAR 2025-26 SEMESTER- III BRANCH: B.Tech - AIML

This Certification is the Bonafide record of work done by the above

student in the **AI23331 FUNDAMENTALS OF MACHINE**

LEARNING Laboratory during the year 2025 – 2026.

Signature of Faculty -in Charge

Submitted for the Practical Examination held on _____

Internal Examiner

External Examiner

INDEX

EXP NO	EXPERIMENT TITLE	QR CODE	SIGN
1	A Python Program to Implement Univariate, Bivariate and Multivariate Regression		
2	A Python Program to Implement Simple Linear Regression Using the Least Square Method		
3	A python Program to Implement the Logistic Model		
4	A Python Program to Implement Single Layer Perceptron		
5	A Python Program to Implement Multilayer Layer Perceptron with Back Propagation		
6	A Python Program to Implement SVM Classifier Model		
7	A Python Program to Implement Decision Tree		
8A	A Python Program to Implement ADA Boosting		

EXP NO	EXPERIMENT TITLE	QR CODE	SIGN
8B	A Python Program to Implement Gradient Boosting		
9A	A Python Program to Implement KNN Model		
9B	A Python Program to Implement K – MEANS Model		
10	A Python Program to Implement Dimensionality Reduction using PCA		