SWARNANDHRA COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous)
Narsapur, West Godavari District, A.P. 534280

DEPARTMENT OF INFORMATION TECHNOLOGY

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LAB TEACHING PLAN

Course Code	Course Title	Semester	Branch	Contact Periods /Week	Academic Year	Date of commencement
20IT6L01	Machine Learning Lab	VI	CSE(CS)	3	2024-25	18-11-2024

COURSE OUTCOMES

1	Apply Data summarization and visualization. (K3)
2	Develop and implement the Linear Regression Analysis (K3)
3	Develop and implement the Logistic Regression Analysis. (K3)
4	Apply the Classification using Support Vector Machine. (K3)

Experiment Number	Experiment	Contact Hours	Instructional Method
1.	Installation and running of Scipy.	3	Lab Demonstration
2.	Data loading	3	
3.	Data summarization	3	
4.	Data visualization	3	
5.	Data Predictions	3	
6.	Case Study on Linear Regression Analysis	3	
7.	Case Study on Logistic Regression Analysis	3	
8.	Case Study on Data Classification using Support Vector Machine	3	
CUMULATIVE PROPOSED PERIODS		24	

	Name	Signature with Date
Faculty	Mr. K.Raja	
Module Coordinator	Dr. RVVSV Prasad	
Programme Coordinator	Dr. RVVSV Prasad	

Principal