SRI ESHWAR COLLEGE OF ENGINEERING

Kinathukadavu , Coimbatore-641202

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2022-23 [EVEN SEMESTER]

COURSE DETAILS

Academic Year	:	2022 - 2023		**Year of study & Semester**	:	III & VI	
Course Code & Title	:	U19CS304	Machine Learning				
Course Co-ordinator	:	Mr .S.Yuvaraj					
Course in-charges	:	Mr M.Praveen Kumar,Ms J.Keerthika					
Assignment No.	:	01	**Issued on**	:		**To be submitted on**	:
Assignment Title	:	A1 (CO1, CO2)					

ASSIGNMENT NO :01/22 - 23/A1

Q. No.	Question (s)	BT	CO	PO/PSO
1	Discuss in detail the types of Machine Learning algorithms and give use case application for each model.	K2	CO1	PO1, PO2, PO4, PO5, PO7, PO12, PSO1
2	Predict the simple linear regression equation that fits the given dataset. Consider the sales data of 10 months for a coffee house situated near a prime location of a city comprising the number of customers (in hundreds) and monthly sales (in Thousand Rupees) are given below:	K2	CO2	PO1, PO2, PO4, PO5, PO7, PO12, PSO1

S.No	No. of Customers (in hundreds)	Monthly Sales (in thousand Rs.)
1.	6.0	01
2.	6.1	06
3.	6.2	08
4.	6.3	10
5.	6.5	11
6.	7.1	20
7.	7.6	21
8.	7.8	22
9.	8.0	23
10.	8.1	25

Course In-charge **Course Co-Ordinator**