

Guru Nanak Dev Engineering College, Ludhiana

Department of Information Technology

Program	B.Tech.(IT)	Semester	6
Subject Code	PCIT-114	Subject Title	Introduction to Machine Learning
Mid Semester Test (MST) No.	1	Course Coordinator(s)	Manpreet Singh, Sidharath Jaiswal
Max. Marks	24	Time Duration	1 hour 30 min
Date of MST	April 04, 2021	Roll Number	1921118

Note: Attempt all questions.

Q. No.	Question	COs
Q1	What is the importance of Scikit-learn library in python?	CO1
Q2	How machine learning is different from traditional programming?	CO2
Q3	Compare different regression models.	CO1
Q4	List the different applications of machine learning.	CO2
Q5	How the performance of two machine learning models can be evaluated on the given data?	CO4
Q6	Differentiate between Artificial Intelligence, Machine Learning and Deep Learning. Elaborate with the help of suitable examples.	CO1

Course Outcomes (CO)

Students will be able to

1	Apply Supervised Learning, Unsupervised learning, Deep Learning, Visualization
2	Recognize and formalize a task as a machine learning problem
3	Interpret and present the predicted model
4	Identify suitable algorithms to tackle different machine learning problems
5	Apply machine learning algorithms to real datasets
6	Make powerful and accurate predictions

RBT Classification	Lower Order Thinking Levels (LOTS)			Higher Order Thinking Levels (HOTS)	
	L1	L2	L3	L4	L5
RBT Level Number					
RBT Level Name	Remembering	Understanding	Applying	Analyzing	Evaluating