Dr. Ambedkar Institute of Technology, Bangalore – 56

(An Autonomous Institution Affiliated to Visvesvaraya Technological University, Belgaum)

EVEN Semester 2023-24

Subject Title: Artificial Intelligence and Machine learning Subject Code: **21CST603** Semester **: VI** Section**: A and B**	**Assignment – 3**	Faculty in-charge: **Dr.Madhu B**

Q. No.	Questions
1.	

	Outlook	Temperature	Humidity	Windy	Play Golf
0	Rainy	Hot	High	False	No
1	Rainy	Hot	High	True	No
2	Overcast	Hot	High	False	Yes
3	Sunny	Mild	High	False	Yes
4	Sunny	Cool	Normal	False	Yes
5	Sunny	Cool	Normal	True	No
6	Overcast	Cool	Normal	True	Yes
7	Rainy	Mild	High	False	No
8	Rainy	Cool	Normal	False	Yes
9	Sunny	Mild	Normal	False	Yes
10	Rainy	Mild	Normal	True	Yes
11	Overcast	Mild	High	True	Yes
12	Overcast	Hot	Normal	False	Yes
13	Sunny	Mild	High	True	No

Apply Naïve bayes classifier for the given dataset .

2.	Write the applications of Naïve bayes classifier .

Incharge HOD