



**Course Name: Machine Learning using Python**

**Course Duration: 15 hours**

**Course Outcomes:**

At the end of the course, the student will be able to

- Describe Machine Learning Algorithms (K2)
- Illustrate Python Modules (K3)
- Demonstrate Classification and Regression (K3)

**Course Contents:**

Sl.No.	Topic	No. of Hours
1.	Machine Learning Introduction	1
2.	Machine Learning vs Deep Learning	1
3.	Variety of Machine Learning Algorithms	2
4.	Basic Steps of Machine Learning	1
5.	Machine Learning Modules in Python	1
6.	Deep Learning Overview	2
7.	Basic Classification: Classify images of clothing	3
8.	Basic Regression: Predict fuel efficiency	4

Head of the Department

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**Vision:** To evolve as a centre of academic and research excellence in the area of Computer Science and Engineering.

**Mission:** To utilize innovative learning methods for academic improvement.

To encourage higher studies and research to meet the futuristic requirements of Computer Science and Engineering.

To inculcate Ethics and Human values for developing students with good character.