Format 6

Symbiosis Institute of Technology, Pune

**Evaluation Plan**

**Department:** AIML **Batch:** 2023-27

**Course name:** Unsupervised Learning **Credit:** 03

**Year:** S.Y **Sem: IV**

**Name of the faculty member:** Dr. Gargi Bhide

**Learning Objectives:**

**Students will be able to:**

1. Explain various types of machine learning methods, feature selection and dimensionality reduction techniques.
2. Describe theories, concepts and algorithms related to standard unsupervised learning

and how to select them

1. Explain various advanced clustering algorithms
2. Discuss advanced clustering algorithms
3. Understand the various deep learning based clustering approaches

**Theory Evaluation Components**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Component** | **Unit Syllabus** | **CO** | **Marks** | **Weightage** | **Tentative Date** |
| CA1 | Mind Map | Unit 1 | CO 1 | 5 | 22% | 11th February 2025 |
| CA2 | Unit test | Unit 2 and 3 | CO 2, CO3 | 15 | 42% | 17th March to 22nd March 2025 |
| CA3 | Coding Competition Kaggle coding | Unit 4 and 5 | CO 4, CO 5 | 10 | 35% | 15th April 2025 |

Sign of the faculty member: Dr. Gargi Bhide

# Sign of HoD: Shruti Patil