

Title: - Machine Learning: A brief introduction

Speaker: - Ms. Pranjali Padhye (RS- 1)

Abstract:-

Machine learning (ML) is a tool to deal with the data to observe trends and make prognoses and decisions. It has a wide range of applications in every domain of study like finance, earth sciences, life sciences, space exploration, engineering, etc. This talk aims to introduce ML to beginners by explaining its basic concepts and terminologies. We'll also cover the main types of ML-supervised, unsupervised and reinforcement learning. The three basic ML algorithms: regression, classification, clustering and their varieties shall also be discussed. Through real – life examples, we'll chew over how ML models are trained and tested. By the end of the talk, audience will have an elementary idea of ML and how one can utilize it in research.