

**Department of Information Technology**

**MINI PROJECT**

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| **Domain** | : Machine Learning | | |
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**TITLE: DEEP FAKE DETECTION.**

**ABSTRACT**

This project aims to detect **deepfakes**—manipulated media created using AI to deceive viewers. As deepfake technology becomes more advanced, it poses risks like spreading false information and invading privacy. Our goal is to build a system that can automatically identify these fake videos and audios.

Using machine learning and computer vision techniques, the system looks for small, hidden signs of manipulation in both visuals and sound. By detecting irregularities in **facial movements, image details, and audio quality**, this project provides a tool to distinguish **real content from fake, helping to protect the trustworthiness of digital media.**

Guide Signature Project coordinator Signature