

# AUTOMATION OF SURVEILLANCE SYSTEMS

Under the guidance of Dr. Shalini Batra

CPG 136

Aditya Thakur 101703037

Aditya Vashista 101703039

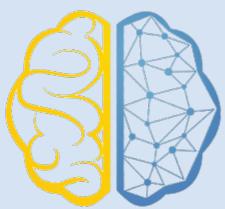
Akriti Seghal 101703048

## INTRODUCTION AND OBJECTIVES

- Study the existing techniques for the real-time monitoring and tracking with the help of video surveillance system.
- To propose a novel technique for real-time monitoring of the video surveillance system and tracking of an individual.
- To validate the functioning of the proposed techniques by testing them in the real-time environment.



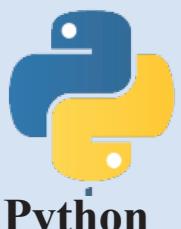
## TECHNOLOGIES USED



Machine Learning



IoT



Python



Camera

## ADVANTAGES



Path Tracing



Time Effective



Cost Effective



User Friendly

## ASSUMPTIONS

- It is assumed that the area for implementation of the project is to be held in confined areas and limited number of test cases, for time being.
- It is assumed that the cameras have high resolution for video capturing.
- The cameras installed are not under movement/rotation.

## OUTCOMES

- Was able to analyze breakdown problems into manageable steps and understand the use of different libraries.
- Able to select appropriate computer technologies and techniques for a given situation.
- Was Able to integrate previous and current learning and use it to solve technology-based projects.