

PUBLIC VIOLATION DETECTION ROBOT USING GAIT ANALYSIS

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Gait Analysis is a Biometric technique which is been used for identification of humans by pattern recognition. The behavioral pattern is used in the identification of humans in various fields with respect to security. In this work, the walking style and the behavior of a person when committing a crime is studied and it's used for the identification of crimes. This system is cost-effective and deals with the crime detection using a Robot to identify criminal activities and provide protection to the victims. This work uses Image processing to analyze the frames captured and microcontrollers for the control of the Robotic System.

