Abstract

Visual recognition and understanding of human actions have attracted much

attention over the past three decades and remain an active research area of

computer vision. An automated visual surveillance system is used to detect

abnormal behavior patterns and recognize the normal ones. When a person enters

a room, video of him/her is captured and stored(both side view and the top view).

Then it is given to the training module where the video is split into frames and these split frames are used to extract the blob image. These blob images are stored for further comparison. In the detection phase, when a new person enters, anomaly is detected and alert system is generated to inform the administrator.