**Image Processing Based Lion Detection Using Raspberry Pi**

The main advantage of Image Processing Based Lion Detection System is the early warning benefit. This system uses the concept of image processing for detecting lions. The Pi camera installed will be monitoring to capture the picture of outgoing lion. System processes the camera input and then processor processes it to detect lions. And displays the status on the LCD display informing about the available condition. On detecting lion system goes into emergency mode and sounds an alarm. So the awareness is created. This system can be installed near border security of forest area and zoo.