MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

Autonomous Institution - UGC, Govt. of India

MONITORING THE MOVEMENTS OF WILD ANIMALS AND ALERT SYSTEM USING DEEP LEARNING

ABSTRACT

Though the actions were taken to reduce road accidents, still some sudden incidents which causing the death of animals roaming on roads. We can't completely avoid the situation of not letting animals to freely roam on roads. But we can alert people when such incidents happen. With the help of YOLO technique the animals that roaming on roads can be identified and the system will makes the motor to run slowly along with voice alerts.

In the proposed work, we will be working on identifying four animals (dog, cat, elephant and sheep). Camera module is used for object detection, which is connected to the laptop where python coding is integrated. The system can classify animals that we mentioned.

Keywords: Arduino, Speed Control, YOLO, Python, Voice Alert.

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