ABSTRACT:

Internet of Things (IoT) systems allows users to deeper automation, analysis and integration within the system. The most important features of IoT include AI, connectivity, sensors, active engagement and small devices. Our idea is on “A real time Recording and monitoring of human activities and animal movement in protected areas” using Internet of Things. According to the norms framed by the Government of India, senses of wildlife animal need to be done for a year. Due to that humans are affected by animals in forest. So we can use remotely piloted Drone Technology find the animals in forest with help of sensors. The sensor in Drone will find what type of animal, variety, identification. Drone contains the IR spectrum camera that identifies where the animals are present in forest. GPS tracking technology is used to find location of capturing image and also to track the Drone. All the information which are collected by Drone are send to Google cloud and further analysis will take place so that we can find exact solution of sensing the wild animals in forest. Dimension of environment that depends on physical, chemical, biological and social dimension. Destruction of habitat is a serious threat to the wildlife due to increasing urbanization, agricultural expansion, overgrazing, deforestation and over exploitation of natural resources by humans. All these activities are monitor by Non-imaging sensors which is fitted in the Drone.

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