**EXECUTIVE SUMMARY**

This project is used to track the location of Animals in the wildlife reserves or national parks. This project utilizes a GPS modem. A forest officer or Government authority person will get these SMS containing Longitude and Latitude.

As human race or human society is growing, the wildlife animals or wild animals are in danger. But as per nature’s rule, every living creature on this earth is important and has important role ecosystem. Also we get some medicines or useful drugs from some animals. We have already realized this, so in every country we see that there are wildlife animal reserves and national parks where these animals can live freely in forest or in a jungle however these are monitored by human beings. Also now days these wildlife national parks have become popular tourist places. Many endangered species or rare species are available or preserved here. For example white tiger, panda and many other animals. But these animals also undergo some disease or there can be some situations where human being attention is required for these animals like vaccination of these animals. If they met with some accident or are hurt then we have to cure their wounds, in such cases we need to catch those animals and do the required treatments. Main problem in such situations is that in large wildlife sanctuaries these animals are really hard to locate. Due to this many times we have to search the entire area to avoid such problems we are implementing a project called “Wildlife animal tracking using GPS and GSM technology”. In this project a GPS modem helps to get the coordinates of the location. This modem can requires minimum 3 satellites Global Positioning System modem receives location parameters like Longitude and Latitude from the satellite. We have also used GSM modem which sends these parameters to particular mobile number though SMS. This mobile number can be of a Forest officer or any concerned Government authority person. This SMS will help to track the exact location of the animal. And if animal moves inside the animal reserves or forest then the particular variable location parameters are received.