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(57) Abstract :

GPS based Wildlife animal tracking system is used to track the location of Animals in wild life reserve s or national parks. This project utilizes a GPS modem and a GSM modem for this purpose. A forest officer or Government authority person will get these SMS containing Longitude and Latitude. As the human race or human society is growing, wildlife animals or wild animals are in danger. But as per nature's rule, every living creature on this earth is important and has an important role in ecosystem. Also, we get some medicines or useful drugs from some animals. In every country, we see that there are wildlife animal reserves and national parks where these animals can live freely in forests or in a jungle however these are monitored by human beings. Also nowadays these wildlife national parks have become popular tourist places. Many endangered species or rare species are available or preserved here. For example white tigers, pandas, and many other animals. But these animals also undergo some diseases 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. The 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.

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