### DOMAIN: INTERNET OF THINGS

### PROJECT TITLE: SMART FARMER - IoT Enabled SMART FARMING APPLICATION

Ideas:

* Using soil moisture sensors to monitor, record and analysis moisture content and automatic water supply is given to a particular place.
* To monitor the climatic conditions and display the weather forecast and then alert the farmer through mobile application.
* Smoke sensors are used to detect smoke by sensing small particles in the air. After detection they give signals in the form of alarm sound.
* Smoke sensors are also used in warehouse for safety measures.
* Fencing is done throughout the farm.
* Ultrasonic sensors are used to detect if any people pass through out the farm without the prescribed time mentioned and to indicate in mobile application.
* To interface all the hardware components to application and the inputs should be received from the sensors and output must be displayed in web/application.
* To collect all the quantity from the warehouse if the expiry date is nearer, it must be intimated to the farmer.