

# Smart Farming

## **PROPOSED SOLUTION:**

*Use of technology in the field of agriculture plays an important role in increasing the production as well as in reducing the extra man efforts water requirement and fertilizer requirement.*

*The IOT is a technology that come out to help in pushing agriculture field into a higher level. Now a days smart farming is already adopted by a number of modern farmers and its use is increasing and becoming more and more common among the new generation of educated young farmers in the modern agriculture the use of sensors drones and high tech agriculture technology is becomming quickly the new norm.*

*Agriculture is one of the major verticals to incoporate both ground based and aerial drones for crop health assesment, irrigation, crop monitoring, crop spraying, planting, soil and field analysis and other spheres. By this method he can reduce his time in the land works.*

*Eco friendly smart farming technology helps reduce agricultural pollution. Using less fertilizers and herbicides reduces leaching and green house gas emissios sensor networks can unable near constant agriculture monitoring with todays ICT. Agricultural inputs including water, fertilizer and animal and soil conditions.*

*Technical improvements constitute a technical revolution that will generate disruptive changes in agricultural practices hence by this methods like agricultural drones and predictive analysis and smart crop management smart watering the time will be reduced.*

## **Feasability Report:**

*Our project is feasable because of Real Time and advance technology.*

## **Novelty:**

***It has to play a strong role in bringing to the field innovation proposals. Small family farmers organization they can implement this methods or advance methods. This means that technological change must be complemented with innovation.***