

# Automation and Monitoring in Farming

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**Abstract:** Farming plays an ultimate role for survival in this world. It provides maximum food requirement for the human being to live in this world. But in this era of advance technologies with invention of IoT, The Automation is replacing the traditional methods which gives huge range of improvement in the Fields. In this project we are using various parameters like soil moisture sensing prob, water level sensing prob, motion sensor , humidity and temp sensor. By using all this sources we are building solar based advanced automation smart farming . It will support farmers do farming quiet easier and also save human struggle and reduces their expenses. Farmers can operate all this parameters from anywhere using GSM module.

**Keywords:** Farming

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