

ATM Agro-Solutions Pvt. Ltd

Innovation & Entrepreneurship Development Centre
Sardar Patel Institute Of Technology.
Andheri (West). Mumbai-400058.



AdwaitGharat (Director)
MrunalGedam (Director)
TusharPatik (Director)
Prof. K.T. Talele (Co-Director)



Product: SAHARA

Project: GSM Based Soil Monitoring

ATM Agro-Solutions Pvt. Ltd. was established in the year 2013 by the promoters AdwaitGharat, MrunalGedam and TusharPatil at Innovation & Entrepreneurship Development Centre, Sardar Patel Institute Of Technology, Andheri(West), Mumbai.

Monitoring soil quality has always been an issue when it comes to productive agriculture. Soil pH & moisture content of the soil are the two important factors determining soil quality. The project aims at developing a wireless monitoring system for these factors.

This system is a GSM based system. The remote module assembly consisting of a data processing unit, a GSM module also has sensor modules which analyse the moisture content & pH of the soil. Whenever the user requires to know about the pH and moisture condition of the soil, he has to signal the GSM module via his mobile phone & the GSM module in co-ordination with the data processing unit will perform the necessary data processing operations. The output shall be available to the user on his cell phone. The proposed system tends to save time & energy of the user.

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