

An Interaction Report on
“An Astute Irrigation System with Crop Management and Marketing”
Guided by:

Dr. Raghunandan Shukla
Prof. Kalpana Wani

Minutes of meeting:

Date: Friday, August 3rd, 2018

Time: 11 am

Location: Tata Institute of Fundamental Research, Colaba.

Meeting Objective:

Discussion on installation of project and the work to be completed until the next scheduled meeting.

Attendees:

Name	Department	Email	Phone
Yashshree Patil	IT	patilyashshree7@gmail.com	9403515159
Rashmi Pawar	IT	rashmipawar921@gmail.com	8425948814
Suraj Padhy	IT	surajprakash.padhy@gmail.com	8369524142
Lasya Vadapalli	IT	lasyavadapalli@gmail.com	8080733591

Agenda and Notes:

1. Work done so far: (Time: 45 min)
 - Designing the PCB layout.
 - Installation of Arduino IDE, board libraries for ESP8266 and implementation basic programs.
2. Tasks to be done before next meeting: (Time: 30 min)
 - Study of datasheet of sensors and understand working and communication methods with the sensor. Study ADC datasheet. Protocol to be studied: 1-wire, I2C
 - A complete demonstration of the working project. Should be able to compile and run last year's project.
 - Study pin configuration, components used to build MCU, specifications and wireless working of NodeMCU. Implement socket programming with NodeMCU. How serial monitor works ? Which protocol ?
 - Improve placements in PCB and inclusion of ground plane on top and bottom layer. Increase clearance.

Next meeting (If applicable):

Date: August 10th, 2018

Time: 11am

Location: Tata Institute of Fundamental Research, Colaba .

Submitted by:

Rashmi Pawar, Suraj Padhy, Yashshree Patil, Lasya Vadapalli.

Approved By:

Sign: