**Indian Institute of Information Technology (IIIT) Chittoor, Sricity Questionnaire for BTP-Progress Evaluation**

**Wednesdays, 3:30 – 5pm**

**Spring 2016**

**A Centralized Cloud based Wireless Equipped Water and Weather Control and Management System**

1. Describe what you have done in the last 3 weeks.

In the first week we discussed our project with the instructor Dr. Venkateshwaran. In the second week we went for a field visit to see the weather stations and also water plant of the Sricity. In the third week we were asked to know about those devices and explore them.

2. How many times did you meet / talk with your faculty / guide?

We met our instructor three times.

3. How many papers / articles / technical materials have you read in the last 3 weeks?

As suggested by the instructor we read the manual of the devices to know the principle involved in working of that devices namely weather device Vantage pro-2, magnetic flow meter to measure the flow of water. And also sir had shared us one article regarding the project to go through.

4. Provide a brief summary of your learning?

Till now we have referred various websites as suggested by our instructor. With the help of those websites we have created a database for weather for testing purpose.

5. What development / programming / practical activity did you do in the last 3 weeks?

Using SQL we created a database for weather. We dumped the weather data of 2015.

6. How close/far are you from the milestone set by your Guide?

We didn't have any milestones till now. We were just asked to refer the websites and know about the crux involved in them.

7. What specific challenges are you facing/you faced in the last 3 weeks?

We have not faced any challenges till now, as we didn't implement it in real time.

8. Propose your plan for the next 3 weeks; as agreed with your supervisor. It would be verified in the next round (Q1).

In the next three weeks we are planning to implement the constraints of database in real time and also start working parallel on cloud based water A Centralized Cloud-based Wireless equipped water system.