***Week 3 Reports – Dec1212***

**[Temperature and humidity control for a chip-scale seed culture laboratory]**

**Accomplishments of the past week**

1. E-mail address for our group has been set up - [Dec1212@iastate.edu](mailto:Dec1212@iastate.edu)
2. Could not meet the advisor, but received instructions on what to do for that week and started working on it. – Finding basic functional circuits and looking out for layout files from websites
3. Decide on a first round of sensors that are cheap to come up with a testing circuit.

Humidity sensor – Ashok Paramsivam Rajan & Sean Belieu

Temperature sensor – Robert Bouda & Sahan Fernando

CO2 sensor – Zhaokui Wang & Tianyu Wang

**Plan for coming week**

1. Innovative research on basic circuits design for the sensors.
2. Technical understanding of the sensors.
3. Research for rough estimated cost for each sensor and its basic function circuit.
4. Continue working on the website

**Pending issues**

1. No Pending issues

**Individual Contributions**

Narimdinda Robert Yann Bouda – ***Leader***

**Detail investigation for type of software to be used for project: Multisim, Pspice**

Sean Belieu –***Webmaster***

**Detail explanation procedure for website**

Ashok P. Rajan – ***Communication Liason***

**Basic research for chosen sensor**

Sahan Fernando

**Research on Temperature sensor**

Tianyu Wang, Zhaokui Wang

**Research on Co2 sensor**