Sensor Networks

Mid-term Project, Post Grad., Mar. 2015

Aim:

Make use of learned concepts to design and simulate a simple sensor network.

Procedures:

- Survey and refresh your knowledge on programming microcontrollers, proteus simulation tool.
- Implement a sensor network with the following specs:
    - 3 Nodes (at least).
    - Each node is equipped with temperature sensor.
    - One node (at least) is equipped with an LCD to display the temperature at the different nodes every 30s.
    - The communication between nodes is wired with serial or parallel protocol up on your choice.
- Validate your network behavior using the simulation tool.

Teams:

Minimum 3 students per team.

Delivery time:

Saturday, 28th March 2015.