**Phase 1: problem Definition and design Thinking**

**Problem definition:**

 The project alloted for me is **Environmental monitoring in parks .** The environmental monitoring refers to measure the air quality, water quality, noise quality and biodiversity in the surroundings.

**Design Thinking:**

To monitor various parameters of environmental quality , wireless communication technologies are really helpful. In the system, the monitor terminal contains sensor, which is connected to the arduino . The analog data measured by the sensors are digitalised by the Arduino . Then the datas will displayed by the led display. By these data we can monitor the current parameter situation in the park. And this my thought about Environmental monitoring.