<u>Project Title:</u> Real-Time River Water Quality Monitoring and Control System

IDEATION

Define your problem statement

Disposal of Solid and chemical wastes into the river water resulting in contamination of water and also disturbing the life existing in water

BRAINSTORMING

Determining the pH, temperature and turbidity threshold Prefixed numbers in Arduino track the river's quality

temperatur e, turbidity and pH coupled to an Ardunio

Sensors for

Arduino with water based sensors

Using two nri cameras and image processing as a measurement Water pH, turbidity, and algorithm encryption and decryption

Statistical, temperature data values pH storage and recording procedure Building app and turbidity the level of using river water to measure pH Hydroponic s and aqua phonics technology for pH indicator Manual checking of water contaminati on by paper report

Wireless water a parameter's data based on a collecting network

Bio treatment for contaminated water

IDEAS

