DEVELOPMENT OF GLOBAL INDUSTRIAL MONITORING USING WSN

ABSTRACT:

This project is mainly implemented for industrial applications. Mainly for detecting the damages inside the oil pipe that cannot be detected by human beings. Kroto is the Greek word meaning to crack. Inside the pipe, there is very heavy temperature, pressure and toxic gases. So we are implementing a robot that have a camera, temperature sensor, pressure sensor etc which is used to detect the crack and conditions inside the pipe. This data from all the high precision sensors will be transmitted using blue-tooth to android phone from the robot to the control station. The robot incorporates a wireless camera and the data from the cam is transmitted to the fronted Visual studio.