

# WSN BASED DATA ACQUISITION SYSTEM FOR MULTIPLE FAULTS MONITORING AND CONTROLLING SYSTEM

## ABSTRACT

In this paper, a scheme for fault detection and identification process in industrial environment is developed. Fault detection techniques based on mean square value of the difference between incoming and outgoing sensors of each section. These differences are compared against threshold setting values. Fault identification is based on the analysis of sensor values and monitoring using pc. We are proposing a Zigbee wireless communication device to acquire sensor values and control the outputs.

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