

# **WIRELESS SENSORS WEB NETWORKED FUEL LEVEL MONITORING SYSTEM**

A project report submitted to Jawaharlal Nehru Technological University, Kakinada in the partial fulfillment of the requirements for the award of degree of

## **BACHELOR OF TECHNOLOGY**

In

## **ELECTRONICS AND COMMUNICATION ENGINEERING**

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**AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY**

*(Approved by AICTE and Permanently Affiliated to JNTU- KAKINADA, AP)*

*(An NBA Accredited Institution)*

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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



### BONAFIED CERTIFICATE

This is to certify that project work is entitled **“WIRELESS SENSORS WEB NETWORKED FUEL LEVEL MONITORING SYSTEM”** in partial fulfillment for the degree of bachelor of technology in ELECTRONICS AND COMMUNICATION ENGINEERING, at AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, MAKAVARAPALEM, VISAKHAPATNAM is an bonafied work carried out by S. MODINI VARALAKSHMI, U. SEETHA SURYAKANTHAMMA, CH.SANTHOSH, R.MANOJKUMAR under the guidance and supervision during 2017-2021.

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## ABSTRACT

The existing method used wired communication between the sensors and module. If we want to monitor more than one tank requires a lot of wiring. The system just displays the live stream. It has not option to capture the site images if any motion detected and it cannot send any images from the remote locations. It is important to monitor the fuel tanks for the generators to ensure that fuel levels and also monitor usage detecting sudden drops that could indicate fuel theft. the system not only displays the live stream of the site but also captures the image if any motion occurred in the site. It sends the email of the captured image. This project presents the implementation of monitoring system based on internet of things technology to protect the sites from theft and provide security to remote locations."