

# **COMPARISON OF SOIL MOISTURE CONTENT MEASUREMENT BETWEEN INTERNET OF THINGS (IOT) AND TRADITIONAL METHODS**

A Project report

Submitted in the partial fulfillment of the requirement of the award of the  
degree of

**BACHELOER OF TECHNOLOGY  
IN  
CIVIL ENGINNERING**

Submitted by

UPPALAPATI DEEPU	18245A0102
VARAGANTI VAMSHI	18245A0103
KUMMARI KIRAN	18245A0104
GADUKOTA VENU GOPAL	18245A0106
AZMEERA BAO SINGH	18245A0112

*Under the guidance of*

Mrs. G. Swetha

Assistant Professor

Department of Civil Engineering



**GOKARAJU RANGARAJU  
INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
AFFILIATED TO JNTUH & RECOGNIZED BY AICTE  
KUKATPALLY, HYDERABAD, TELANGANA -500090.MAY 2021

# CERTIFICATE

This is to certify that the project report entitled **COMPARISON OF SOIL MOISTURE CONTENT MEASUREMENT BETWEEN INTERNET OF THINGS (IOT) AND TRADITIONAL METHODS** submitted by **Uppalapati Deepu, Varaganti Vamshi, Kummari Kiran, Gadukota VenuGopal, Azmeera Baosingh** to the **GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY, HYDERABAD** in partial fulfillment for the award of the degree of **B Tech in Civil Engineering** is a bonafide record of project work carried out by him under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree or diploma.

**Mrs G.SWETHA**

Project Guide

Assistant Professor

Department of CE GRIET



  
**Dr.V.MALLIKARJUNA REDDY**

Head of the Department

Civil Engineering Department

**UPPALAPATI DEEPU** GRIET

**VARAGANTI VAMSHI** 1825587002

**KUMMARI KIRAN** 1825587003

**GADUKOTA VENUGOPAL** 1825587004

**AZMEERA BAOSINGH** 1825587005

**PROJECT COORDINATOR**

**EXTERNAL EXAMINER**