KASIREDDI DEEPAK
Vishakhapatnam Andhra Pradesh, India,
+91-6281154041, kasireddideepak2020@gmail.com

A technically proficient Electronics and Communication Engineering (ECE) graduate with a strong interest in Control and Instrumentation (C&I) systems. I am seeking opportunities to apply my knowledge in real-world scenarios, particularly in automation, control systems, and industrial instrumentation. I aim to contribute to roles that fully utilize my skills while exploring diverse aspects of electronics and instrumentation technologies to reach my professional potential.

EMPLOYEMENT HISTORY

SEP 2024 – Till now — Graduate Engineer Trainee-Control & Instrumentation

Assisting in the Calibration & Maintenance of C&I System

- Troubleshooting of on/off valve, motor operated and control valves
- Calibration of motor operated valves and control valves
- Basic knowledge on Distributed Control System with Centum VP Software
- Troubleshooting and maintenance of Transmitters like flow, level, temperature & pressure

EDUCATION

Aug 2020 — Apr 2024	BTech in Electronics and Communication Engineering, Sri Vasavi Engineering College (JNTU Kakinada) CGPA-7.46	Andhra Pradesh
Jun 2018 — Mar 2020	Narayana Junior College CGPA-9.23	Andhra Pradesh
Jun 2017 — May 2018	MJPAPBCWR School CGPA-8.80	Andhra Pradesh

LANGUAGES English, Telugu

CERTIFICATIONS Wireless Communication-NDEEP Connect

STRENGTHS Problem Solving

Good Leadership Skills

PROJECTS

Assessing the Efficiency of MIMO DFT- spread WR OFDM System

- Here is a four-point description of the project "Assessing the Efficiency of MIMO DFT-spread WR OFDM System"
- The project evaluates the performance of a MIMO (Multiple-Input Multiple-Output) system using DFT-spread Wavelet-based OFDM (WR-OFDM) for efficient data transmission.
- DFT-spread WR-OFDM combines the benefits of DFT spreading (reducing PAPR) and wavelet-based OFDM (enhancing spectral efficiency).
- The system is assessed for key parameters like Bit Error Rate (BER), spectral efficiency, and robustness under various channel conditions.
- This study helps in optimizing next-generation wireless communication systems for improved reliability and performance.