

KALYAN KUMAR KOTHA

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CARRIER OBJECTIVE

To work for an organization which provides me the opportunity to improve my skills and knowledge to grow along with the organization objective.

EDUCATION

Teegala Krishna Reddy Engineering College, Hyderabad	<i>Sep 2021 – May 2024</i>
Bachelor of Technology	
Department of Electrical Electronics and Engineering	Overall CGPA till 4-1 Sem: 8.63
Khammam Institute of Technology and Sciences, Khammam	<i>July 2018 - July 2021</i>
Diploma in Electrical Electronics and Engineering	Overall CGPA: 9.66

PROJECTS

Design And Development of Hybrid Energy System Using IOT Automation

The goal is to develop an automated Internet of Things (IoT) hybrid energy system that combines conventional grid electricity with renewable energy sources. This promotes a more intelligent and environmentally friendly environment by improving energy production and consumption efficiency, dependability, and sustainability.

Intelligent Control Strategies for Grid-Connected Hybrid Energy Systems using ANFIS With the use of Adaptive Neuro-Fuzzy Inference Systems (ANFIS), intelligent control techniques will be developed and assessed in order to optimize grid-connected hybrid energy systems' performance in terms of efficiency, stability, and integration of renewable energy sources.

Intelligent Management of Electrical Systems In Industries

Advanced methods for industrial electrical system optimization are covered in the seminar on Intelligent Management of Electrical Systems in Industries. Predictive maintenance, energy efficiency tactics, smart grid integration, and the application of intelligent control algorithms for improved system performance and dependability are among the subjects covered.

TECHNICAL STRENGTHS

Modeling and Analysis	AutoCad, MATLAB
Programming Languages	C,C++,JAVA
Software & Tools	MS Office, Spring Boot tool
Programming	Problem Solving

INTERNSHIPS AND PROFESSIONAL TRAININGS

Verzeo Tech, Hyderabad	<i>Sep 2022</i>
<i>Hybrid Electric Vehicles</i>	

- Internship under this learned about the various charging stations and hybrid electric car designs. Different motors and batteries for usage in future technologies have all been researched.

TSTRANSCO, Hyderabad
33/11 KV SUBSTATION

Dec 2022

- An extensive grasp of electrical infrastructure management may be gained via the internship at the 33/11 kV Substation in Kandi Section, Sanga Reddy, Telangana, which provides hands-on exposure in substation operations, maintenance, and equipment handling.

TSTRANSCO, Khammam

Analysis and Brief Description of Instruments Used in Substation 132/33kv

- In diploma 6months industrial training on the 132/33kv substation in khammam sub division.

ACADEMIC ACHIEVEMENTS

- The International Journal of Advance and Applied Sciences [IJAAS] just published a major project titled "Intelligent Control Strategies for Grid-Connected Hybrid Energy Systems using ANFIS."
- One article that was recently published at an international research conference was titled" Hybrid Electrical Vehicle Design by Using Solar and Battery Sources."
- Best Paper Award in International Conference
- Merit Certification on MATLAB/SIMULINK.
- Win the second prize on the project expo.
- Certification on SCADA and PLC

PERSONAL TRAITS

- Highly motivated and eager to learn new things.
- Strong motivational and leadership skills.
- Ability to work as an individual as well as in group.
- Good analytical skills and Presentation skills.
- Strong verbal and written communication skills

DECLARATION

I hereby declare that the above particulars of facts and information stated are true, correct, and complete to the best of my belief and knowledge.

Place: Hyderabad.

Sign
(K. Kalyan kumar)