

J. Sampath Kumar

Electrical Engineering Student | Power Systems | Smart Grid & Renewable Integration

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CAREER OBJECTIVE

Motivated Electrical Engineering student with a strong foundation in **Power Systems, Smart Grid, and Electrical Infrastructure**, seeking an entry-level **Associate Engineer / Graduate Engineer Trainee** role to apply technical skills in system testing, power engineering, and core electrical applications while growing with a technology-driven organization.

TECHNICAL SKILLS

- Power Generation, Transmission & Distribution (GTD)
 - Power System Protection & Electrical Safety
 - Smart Grid & Renewable Energy Integration (Basics)
 - Electrical Machines (DC, Induction, Synchronous)
 - Power Electronics Fundamentals
 - Electrical Measurements & Instrumentation
 - Basic Embedded Systems & Digital Electronics
 - System Testing, Debugging & Documentation
 - MATLAB (Basic – If learned), MS Excel, MS Word
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EDUCATION

B.Tech – Electrical & Electronics Engineering (EEE)

University College of Engineering, Kakatiya University, Kothagudem

Currently in 3rd Year

Diploma – Electrical & Electronics Engineering (If Applicable)

Abdul Kalam Institute of Technology and Sciences

CGPA: 6.39 | Year of Completion: 2023

Class X (SSC)

Brilliant English Medium School

Percentage: 57% | Year: 2019

ACADEMIC & TECHNICAL EXPERIENCE (FRESHER LEVEL)

- Gained practical exposure to **power generation, transmission and distribution systems** through labs and coursework.
 - Hands-on experience with **transformers, circuit breakers, relays, electrical machines, and protection devices**.
 - Performed **electrical measurements, fault identification, and troubleshooting** in laboratories.
 - Basic exposure to **electronic components, embedded systems fundamentals, and digital logic**.
 - Understood **system testing procedures, safety standards, and equipment handling**.
 - Prepared **technical experiment reports and documentation**.
 - Participated in **team-based mini-projects and technical assignments**.
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ACADEMIC PROJECT

Power Generation, Transmission & Distribution System Study

- Studied the complete power system flow from **generation to consumer end**.
 - Analyzed **transmission line components, substations, transformers, and distribution networks**.
 - Understood **losses, protection methods, and power system reliability concepts**.
 - Focused on **modern power infrastructure and sustainability aspects**.
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POSITION OF RESPONSIBILITY

Student Coordinator – Technical Society, College

- Organized **technical sessions and workshops** for 300+ students.
 - Coordinated **hackathons and peer learning programs**.
 - Developed leadership, communication, and team management skills.
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ACHIEVEMENTS

- Active participant in **technical workshops and electrical training programs**.
 - Successfully completed multiple **core electrical lab projects and system experiments**.
 - Recognized for **student coordination and event management contributions**.
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STRENGTHS

- Strong interest in **core electrical engineering and power systems**
 - Quick learner with good **analytical and problem-solving skills**
 - Disciplined, responsible, and team-oriented
 - Adaptable to new technologies and work environments
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HOBBIES & INTERESTS

- Learning about **new power technologies and renewable energy systems**
 - Reading about **Indian infrastructure, power sector, and public services**
 - Self-learning technical topics
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DECLARATION

I hereby declare that the above information is true to the best of my knowledge.

Signature: J. Sampath Kumar