

# Durgi Anji Goud

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## CAREER OBJECTIVE

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Motivated and detail-oriented with a strong foundation in web development, specializing in the MEAN stack (MongoDB, Express.js, Angular, Node.js). Seeking an entry-level position to leverage my coding skills, passion for building dynamic and responsive web applications, and eagerness to learn in a collaborative environment. Committed to contributing to innovative projects and growing my expertise in full-stack development.

## EDUCATION

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**Bachelor of Technology in EEE** 2024

Vignana Bharathi Institute of Technology, Hyderabad

- GPA: 7.5

**Intermediate in MPC** 2020

Sri Vijaya Sai Junior College, Bodhan

- GPA: 9.39

**SSC** 2018

Little Flower High School, Bheemgal

- GPA: 9.3

## RESEARCH PROJECTS

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### Modelling and analysis of Cascaded DC-DC Converters in Medium Voltage AC Grid-Connected PV - WIND power Systems

- In recent years, the pursuit of sustainable energy sources has become paramount in the global effort to mitigate climate change and reduce dependence on finite fossil fuels. Among the array of renewable energy options, solar and wind power stand out as abundant, clean, and increasingly cost-effective alternatives. However, the intermittent nature of these sources poses challenges to their integration into traditional power grids. To address this issue, hybrid systems that combine solar and wind energy offer a promising solution, leveraging the complementary nature of these resources to enhance reliability and efficiency. This project delves into the intricate realm of grid-connected solar wind hybrid power systems, exploring their design, operation, and performance through advanced simulation techniques.

### Tutor4U

- Tutor 4 U is a versatile educational platform that offers a wide range of tutoring services across various fields. Here's a brief overview of the different types of education it covers: sports, music, content writing, languages..etc. It offers personalized tutoring sessions, both online and in-person, to help students improve their understanding of subjects, enhance their performances, and achieve their goals. Tutors are typically experienced professionals with expertise in specific areas, providing tailored guidance to meet the individual needs of each student. The platform may also offer additional resources such as study materials, practice exercises, and progress tracking to support student learning.

## PRESENTATIONS

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- Modelling and analysis of Cascaded DC–DC Converters in Medium Voltage AC Grid-Connected PV-WIND power Systems  
IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS), (2024-08-27)

## SKILLS

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### Technology

- **Web Development:**
  - Front End:HTML, CSS, Bootstrap, Javascript, Angular.
  - Back End: Node.js, Express.js.
  - Data Base: Mongo DB.
- **Python**
- **MATLAB**

### Problem Solving

- Performed Create, Read, Update, Delete(CRUD) Operations and login/registration in Angular.

### Languages

- **Telugu:** Mother tongue
- **Hindi:** Second language
- **English:** Good

## PUBLICATIONS

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### IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS), (2024-08-27)

- H.kishan, D.Anji Goud,Shiva Kumar,Sai krishna, Murali krishna, & Naresh (2024) Modelling and analysis of Cascaded DC–DC Converters in Medium Voltage AC Grid-Connected PV-WIND power Systems. *Infectious Disease Modelling*, DOI: 10.1109/ICITEICS61368.2024.10625321.

## CERTIFICATIONS

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- Certification from DR.Reddy's Foundation in MEAN STACK

## DECLARTIONS

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I hereby declare that the information provided above is true to the best of my knowledge. I am committed to continuous learning and self-improvement. I am prepared to contribute my skills and knowledge to benefit my future employer and achieve professional growth.

DURGI ANJI GOUD