

MATHALA NAGA KAMALESH

PROFILE

Looking for a challenging role in a reputed company to utilize my engineering skills that can contribute to the company's growth as well as enhance my knowledge by exploring new things

EDUCATION

- **B.Tech Electrical And Electronics Engineering**
CGPA – 7.95 / 10 **2019-2023**
Amrita Vishwa Vidyapeetham
- **Class 12 – 95.5%** **2019**
Institution: Tirumala junior college
- **Class 10 – 96.6%** **2017**
Institution: Bhashyam high school

TECHNICAL INTERESTS

- Electric Drives
- Power Systems
- Control Systems

PROJECTS

- Design and analysis of cascaded h-bridge converter with ANN based SVPWM technique for EV applications
(02/2022 - 05/2022)
 - The purpose is to Improve the performance of voltage source fed inverter electric drives that are applicable for Electric vehicle applications.
- IOT Based Air Pollution Monitoring System
(02/2022 - 04/2022)
 - IOT Based Air Pollution Monitoring System monitors the Air Quality over a webserver using internet and will trigger an alarm when the air quality goes down beyond a certain level, means when there are amount of harmful gases present in the air like CO₂, smoke, alcohol, benzene, NH₃, NO_x and LPG.

TECHNICAL SKILLS

- MATLAB
- AutoCAD
- WORDPRESS
- C
- Python
- MPLAB
- Proteus
- TinkerCAD

CERTIFICATIONS

- Matlab onramp by MathWorks (12/2019 - 01/2020)
- IOT using Arduino conducted by udemy. (04/2020 - 05/2020)
- Power system generation, power system

transmission & distribution and power system protection conducted by Tatasteel (04/2020 - 06/2020)

- High Impact Business Writing , online course authorized by University of California. (03/2020 - 04/2020)

LANGUAGES

- English
- Telugu