Patta Sai Kumar Reddy

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EDUCATION

Sathyabama University   Chennai, Tamil Nadu
Bachelors of Engineering in Electronics and Communication Engineering   *June 2019 – July 2023*
- Cumulative GPA : **8.13/10.0**
- Relevant Coursework: Principles of Management, Electronic Devices, Internet of Things

Narayana Junior College   Nellore, Andhra Pradesh
Intermediate Board of Education   *June 2017 – April 2019*
- Cumulative GPA : **9.38/10.0**

Sri Chaitanya Public School   Vempalli, Andhra Pradesh
Secondary School of Education   *June 2016 – April 2017*
- Cumulative GPA : **9.5/10.0**

PROJECTS

Automatic Hand Sanitizing Dispenser Using Micro Controller   / *Course Project*
  * Designed and engineered an automatic hand sanitizing dispenser utilizing **microcontroller technology** for **touchless and efficient** hand hygiene.
  * Implemented safety features and **reliable operation, contributing to improved hygiene protocols** in public spaces, emphasizing a commitment to health and safety measures.

Smart Vehicle Parking System   / *Mini Project*
  * Designed and implemented a smart vehicle parking system, **integrating sensors for real-time space availability** detection and enhancing urban parking efficiency.

Analysis of an Efficient Wallace Tree Encoder for High-Speed Applications   / *Major Project*
  * I used Wallace tree encoder to generate binary sequence and then I measured parameters like average power, delay using HSPICE software.
  * For the delay and average power, I have modified the MOSFET Design and achieved less delay by optimizing the design.

INTERNSHIP

Bharat Sanchar Nigam Limited Internship   January 2022 - March 2022
                                                                                    Tirupathi, Andhra Pradesh
  * Participated in an internship with Bharat Sanchar Nigam Limited (BSNL), gaining valuable experience in telecommunication systems, network infrastructure, and project management.

TECHNICAL SKILLS

- **Programming Languages**: Python ,Manual Testing

CERTIFICATIONS

- Certificate in Python from Naresh IT Technology
- Certificate in Microelectronics to Devices from NPTEL

SCHOLASTIC ACHIEVEMENTS

- Actively contributed in National Service Scheme(NSS)
- Played Cricket at College Level   .