**SURYA R M**

**PROFILE**

A passionate emerging engineer, applying for an entry level position in an organization, preferably in the field of Electrical and Electronics engineering with special interests in areas like Power and Control Engineering and related fields, resulting in meaningful contribution towards organizational growth along with personal and professional development.

**EDUCATION**

* **B.Tech Electrical and Electronics Engineering**

**CGPA – 7.98 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 77.2% **2019**

Institution:

* **Class 10** – 100% **2017**

Institution:

**TECHNICAL INTERESTS**

Simulating Electric Circuits designs in Simulink, Electrical Power System analysis, Analysis of Electric Machines

**PROJECTS**

**Power System Protection and Switch Gear Hackathon**· Duration/Period: 7 days   
· Objective: Design a Protection system for 3-Phase Induction Motor   
· Tools or techniques used: Arduino Uno and Data Logging   
· Outcome: Prevention of Load getting damaged from Overvoltage, Undervoltage and Single Phasing

**Southern Railway, Loco Works / Perambur**   
· Duration/Period: 6 days   
· Objective: Learn about Locomotive and its network   
· Tools or techniques used: In-Plant Training   
· Outcome: Acquired Techniques and knowledge about the Inter-connected working of each section to build and refurnish Locomotives

**Central Power Research Institute**   
· Duration/Period: 3 days   
· Objective: Cyber Security for Digital Substation·   
· Tools or techniques used: Online Webinar·   
· Outcome: To know about the cyber-attack vulnerabilities and preventive techniques that can be implemented in an automated substation.

**TECHNICAL SKILLS**

MATLAB, MS Office, Python

**LANGUAGES**

Tamil, English