**Subbiah Palaniappan**

**PROFILE**

I am a student at Amrita school of Engineering, currently working as an intern at Infineon Technologies and pursuing my final year of master's in Embedded systems Engineering. I have 3+ years of work experience in Electrical service engineering (EPC).

**EDUCATION**

* **M.Tech Embedded Systems Engineering**

**CGPA – 7.84 / 10**

Amrita Vishwa Vidyapeetham

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

**CGPA –6.32 / 10**

* **Class 12** – 85.5%

Institution:

* **Class 10** – 85.2%

Institution:

**TECHNICAL INTERESTS**

Wireless Charging, EV

**PROJECTS**

**Solar Powered Electric Bicycle**

**Road Lane Detection using openCV**

**Traffic Sign recognition system using machine learning**

**TECHNICAL SKILLS**

MS Office, C, Python, MATLAB

**INTERNSHIP**

**Application Engineer Intern**

***Infineon Technologies Semiconductor India Pvt. Ltd.***

**City:** Bangalore, India.

Working in the development of Wireless charging device of capacity 50W.

Understanding of the Qi v1.3.2 standards   
Assisting with Firmware development tasks for automotive qualified wireless charger.

**Assistant manager - Electrical**

***Mata Amritanandamayi math - Amrita Institute of medical science & reserch centre project***

**City:** Faridabad, Delhi NCR

**Country:** India

Worked on installation & commissioning of 15 MVA Distribution substation.

• Carried out regular visit to site to ensure the implementation of quality control procedures, Close monitoring of progress of the work and maintaining project progress trackers and milestones achieved.

• Coordinated with consultant for ground issues and recommended for resolutions on time for changing conditions at site meeting the project timeline as planned. Plans for coordination meeting for cross functional teams in the project.

**Project Engineer - Electrical**

***Mata Amritanandamayi math - Amrita Institute of medical science & reserch centre project***

**City:** Faridabad, Delhi NCR, India

Worked on Installation & Inspection of 10\*2.2MVA DG sets & allied works that includes Synchronization & relay Panels, NIS & NGR panel, erection of cooling towers and acoustic insulation for the DG yard  
• Reviewed the voltage drop calculations for Power & control cables and ensure they are within the tolerance of IS standards.

• Reviewed the GA, control schematics, interlocking logic & specifications of the Switch gears that are reflecting the SLD.

• Worked on implementation of Grid Earthing for the DG and distribution substation.• Worked on Complete design review for the Lighting system.

• Compiled a complete Techno-commercial comparison for bidders' evaluation during the tender stage.

**EXTRA CURRICULAR ACTIVITIES**

**MANAGEMENT AND LEADERSHIP SKILLS TEAM MANAGER for Planning and Resources Team on National level technical festival - ANOKHA 2016**

Responsible for Event plannings and allotting required resources for all the events conducted for the 3-day technical festival during undergraduate program.