**Setlem Bhargavi**

**PROFILE**

A creative and determined Electronics and

Electrical Engineering junior, passionate about

Power Electronics,Digital electronics

**EDUCATION**

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

**CGPA – 9.12 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 99.4% **2019**

Institution:

* **Class 10** – 98% **2017**

Institution:

**PROJECTS**

**DC-DC Converter for EV Charger with Controlling unit**

01/2022 - 06/2022,

Team Based Project- focused on the charging and discharging of a battery for an Electric vehicle with the help of bidirectional converter and charging of the battery can be done with a full bridge rectifier and DC-DC converter enabling it to operate in G2V mode,discharged through the load operating it at V2H mode.

**IRDC (INDAN ROVER DESIGN CHALLENGE)**   
Electronics and Electrical Subsystem

*06/2021 - 08/2021*,

*Team Based Event-focused on generating energy from batteries like*   
*graphene which has fast charging capacity utilized to provide electricity to*   
*the entire rover and managing effective power transfer with less energy*   
*usage.*

**TECHNICAL SKILLS**

C, Kicad, Python

**LANGUAGES**

English, Hindi, Telugu