

# M Sessa Reddy

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Phone: +91 9347023900 Place:

Anantapur, AP.

## Objective

Seeking a job that gives a scope to enhance my knowledge and utilize my skills in a best possible way in order to achieve the organizational goals with opportunities of career growth.

## Educational Details

Course	Institution	Board/University	Place	Percentage/CGPA	Year Of Passing
B.Tech(EEE)	<i>Gates Institute of Technology</i> (JNTUA University)	JNTUA	Gooty	75%	2024
Intermediate	Govt Junior College	State Board of Intermediate Education,AP	Pamidi	8.09	2020
10 <sup>th</sup>	T.C government high school	Board of secondary education A.P	Pamidi	9.0	2018

## Technical Skills

Designing Tools & Technologies : Python , UI Tools, SQL (Basics).

## Projects

**Name :** Design and Implementation of Multilevel Inverter for Electric Vehicles by Using Sinusoidal Pulse Width Modulation (SPWM)

**ABSTRACT :** The efficient and compact design of multilevel inverters (MLI) motivates in various applications such as solar PV and electric vehicles (EV). This paper proposes a 53-Level multilevel inverter topology based on a switched capacitor (SC) approach. The number of levels of MLI is designed based on the cascade connection of the number of SC cells. The SC cells are cascaded for implementing 17 and 33 levels of the output voltage. The proposed structure is straightforward and easy to implement for the higher levels. As the number of active switches is less, the driver circuits are reduced. This reduces the device count, cost, and size of the MLI. The solar panels, along with a perturb and observe (P&O) algorithm, provide a stable DC voltage and is boosted over the DC link voltage using a single input and multi-output converter (SIMO).

## Extra Curricular Activities

Playing Cricket

## Areas of Interest

Making trips with friends & family.  
Photo editing in Pics art.

## Strengths

Punctual  
Hard worker  
Good team player

## Hobbies

Browsing Internet  
Playing Games  
Watching Movies

## Personal Details

Father's Name : M Sunki Reddy  
Mother's Name : M Saroja  
Gender : Male  
Age : 21Y  
Address : Konduru Village, Peddavaduguru Mandal, Anantapur, AP-515405.  
  
Languages Known : Telugu, English.

Date : 18/09/2024 Place:  
Anantapur.