

BOTTA SOMU VENKATA KONDAL RAO

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EDUCATION

POTTI SRIRAMULU CHALAVADI MALLIKARJUNARAO COLLEGE OF ENGINEERING & TECHNOLOGY

B.TECH MECHANICAL ENGINEERING

CGPA: 6.8

July 2020 - July 2023

Vijayawada

POTTI SRIRAMULU CHALAVADI MALLIKARJUNARAO COLLEGE OF ENGINEERING & TECHNOLOGY

DIPLOMA MECHANICAL ENGINEERING

Percentage: 69%

July 2017 - July 2020

Vijayawada

GOOD NEWS SCHOOL

10TH CLASS

GPA: 7.5

July 2016 - July 2017

Tadepalli

EXPERIENCE

SOUTH CENTRAL RAILWAY | INTERNSHIP

Vijayawada | Nov 2019 – Apr 2020

SKILLS

PROGRAMMING LANGUAGES Python, Full Stack Development

PROJECTS / OPEN-SOURCE

CONVERSATION OF ELECTRICAL VEHICLES

From the industrial age, the usage of transportation facilities has been increased to reduce the stress of people and giving reliable features in their travel. The effective and mostly used commercial transportation means are car, city bus etc. One of the things which are common in the above examples is the Gearbox. The gearbox is one of the building blocks of the modern car. It's also one of the most complex bits of hardware inside any vehicle. A car's engine connects to its crankshaft, which rotates thousands of times of minutes (RPM). This is too fast for the wheels, so gears convert the power to speeds the wheels can handle by interlocking teeth technique. Gears are used to increase torque in the wheels, overdrive, fluid drive, hydraulic drive. From this trial, we demonstrate the RPM of wheels at the specific gear supplied by replacing the engine with a electrical motor. The above system is helpful to observe the torque generation in the wheels and strives to give more efficiency in the motor by trivializing the internal resistance. If we get the predicted output, we can further analyse and use it in different application

CERTIFICATIONS

- Madhyama - DakshinBharathHindiPracharSabha.
- Rashtrabasha - DakshinBharathHindiPracharSabha.
- Praveshika - DakshinBharathHindiPracharSabha.
- Judo District - KRVR international sports academy.
- 3D PRINTING
- Industrial training 6 mounths - South Central Railway.

- Nss special camp - PSCMRCET NSS.
- Dussehra volunteer 2021 - indian red cross society.
- Dussehra volunteer 2022 - indian red cross society.