



KANISHK BK

PROFILE

As an Engineer my career objective is to utilize my creativity and looking for a challenging role in an organization, which provides opportunities to enhance my skills and knowledge for the growth of the company.

CONTACT

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EDUCATION

B.E,AUTOMOBILE ENGINEERING(2021-2024)

- KUMARAGURU COLLEGE OF TECHNOLOGY.
- CGPA - 7.94

DIPLOMA,AUTOMOBILE ENGINEERING(2018-2021)

- PSG polytechnic college.
- PERCENTAGE - 85.43%

CLASS 10 (2017-2018)

- Velavan Matriculation Hr.Sec School
- PERCENTAGE - 85.4%

HOBBIES

- Fitness and cricket.
- Travelling and Explore.

AREA OF INTEREST

- Designing and analyze.
- Software development and Programming.

PROJECT

• Development of Chainless Bicycle.

Drive shaft takes over the role of the chain. The pedals are connected to the drive shaft by gears, allowing the drive shaft to transfer power from the pedals to the rear wheel. The power from the drive shaft then spins a shaft rod that propels the rear wheel, providing the cycle with power.

• Performance analysis of Leucaena Leucocephala Biodiesel in CI Engine.

Leucaena leucocephala (Subabul) seed oil has been studied previously as a feedstock for biodiesel but no study describes its fuel properties for use in diesel engine. In this study, mini chuck was used to extract oil from the seeds of Leucaena leucocephala. Chemical properties of the oil were then analysed which demonstrated a relatively high FFA content of 6.0wt%, requiring the twostep method for biodiesel production through an esterification followed by transesterification. Physicochemical properties of the processed biodiesel such as triglyceride, diglyceride, monoglyceride, ester content, water content, viscosity, density, pour point, cloud point and flash point were analyzed.

SKILLS

- Basic HTML,CSS and Javascript.
- Intermediate at Python.
- Intermediate at Solidworks.