



NARAYAN KUMAR SINGH

Mechanical Engineering

+917209237906 • narayankumarsingh98@gmail.com • Male • Arrah • Unmarried • Indian • Narayan Kumar Singh

Projects

Use of renewable energy in electric vehicles

Designed and developed a prototype electric vehicle powered by renewable energy. The project uses solar panels to generate electricity for charging the battery, which then runs a DC motor to drive the vehicle. The system reduces dependency on fossil fuels and demonstrates clean, sustainable transportation. This project highlights the practical use of renewable energy, basic EV technology, and energy management for eco-friendly mobility.

Technologies Used: Solar Panel, Motor, Battery

Education

Satyam international institute of technology

August 2021 – June 2024

Diploma In Mechanical Engineering

Patna Bihar

Score: 8.77

Knowledge in principles of mechanical design, manufacturing & maintenance, thermodynamics, and material science. Hands-on experience with engineering tools & techniques; foundational knowledge for pursuing a career in engineering solutions.

Government engineering college Dahod

July 2024 – Present

B. E in Mechanical Engineering

Dahod Gujarat

Score: 7.32

Developed skills in , thermodynamics, and manufacturing processes. Strong foundation in problem-solving, critical thinking, and application of mechanical systems for practical solutions. Exposure to project management methodologies.

Languages

English



Hindi



Courses & Certifications

AutoCad

Feb 2022 – April 2022

National Design School

Patna, Bihar

Completed with Distinction

Basic Knowledge in 2D drafting, design visualisation & technical drawings utilisation of AutoCAD software

Skills

Thermodynamics

Applies thermodynamic principles to design and analyze heat transfer systems, optimizing performance and energy efficiency.

Teamwork

Collaborates effectively with engineers, technicians, and stakeholders to achieve project goals and deliver high-quality results.

Communication

Presents technical information clearly and concisely through reports, presentations, and collaborative discussions with cross-functional teams.

Problem Solving

Diagnoses mechanical failures and develops effective solutions, applying root cause analysis and innovative design strategies.

Interests

Reading

Regularly read educational journals and books to stay updated with the latest teaching methodologies.

Playing Cricket