

AMIT TANJI WAGHE

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AT POST GANESH NAGAR DUTTA CHOUK OSMANABAD

Objective

To enhance my professional skills, capabilities and knowledge in an organization which recognizes the value of hard work and trusts me with responsibilities and challenges.

Experience

AKM marketing co pvt.ltd

Feb 2020 - Feb
2021

Maintenance engineer for Siemens gamesa
Worked on 220 kV substation
Routine maintenance of windmill.
Routine inspection of windmill and substation.

Education

2020

Government college of engineering karad

M Tech in electrical power system
With 7.1 score

2017

Dr. Babasaheb ambedkar marathwada university aurangabad

Beachlor of engineering
With 7.0 Score

2014

Maharashtra state of board technical education mumbai

Diploma in electrical
With 7.4 score

Skills

Good computer knowledge

Comfortable on MATLAB

Basic of ECAD

SCADA

Projects

A bidirectional DC -DC For DC motor for electrical vehicle application

The main purpose to making this project i diplession of fossils fuels and pollution of the earth having going up so now a days electric vehicle is very competitive vehicle as compare to diseal petrol engine .

By using this vehicle we can increase the driving range as well as decrease the cost of travelling .

Berry type transformer

An idea of this berry type transformer is taken from berry which is small and circular .this project having single input and multiple output at once . And it's very useful for industrial purpose and it's size is compact and easy to travel .

Easy to use and having various outputs so it's useful for all engineering purpose.

Alcohol safety for vehicle

This is small scale project which I had done on my diploma final year which is useful to vehicle safety. In this project the system which used to sense the smell of alcohol and it doesn't allow to start engine . As well as automatic upper dipper light system is included in it which is very useful in night for vehicle .

Achievements & Awards

IEEE international conference certificate on my research base project
Faculty Development Program on Research Opportunities in Electrical Engineering successful completion
online quiz competition in National Level Online Quiz on 'Introduction to Non Conventional Energy Resources successful completion
RECENT TRENDS IN ELECTRICAL ENGINEERING" Organized by Department of EEE successful completed
Opportunities & Challenges for Electronics Engineer successful completion
Master class on electrical vehicle design using MATLAB

Language

Hindi
English
Marathi

Interests

Switch gear
R&D
Project work
Installation of electrical equipment
Design engineer
Site engineer
Project engineer

Activities

I done work for Essa association in degree .
Work as project head in degree project
National level kho kho player
Good qualities of leader

Publication

IEEE paper published in PG

I publshed paper on bidirectional dc-dc converter fed dc motor for electric vehicle application on IEEE platform held on Feb 2020 at vellore institute vellore