



MOHAMMED ADIL BIN FAISAL K V

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EDUCATION

MTECH
POWER ELECTRONICS AND DRIVES.
GOVERNMENT COLLEGE
OF ENGINEERING,KANNUR.
2021 - 2023

BTECH
ELECTRICAL AND ELECTRONICS.
COLLEGE OF ENGINEERING
THALASSERY.
2017 - 2021

HIGHER SECONDARY
2015 - 2017

HIGH SCHOOL
2014 - 2015

SKILLS

- Matlab Simulation
- Overleaf editor
- Basics of C
- Familiar with MS Word
and MS PowerPoint

LANGUAGES

- English
- Malayalam
- Hindi

PROJECTS

MTECH MAIN PROJECT

BIDIRECTIONAL ELECTRIC VEHICLE CHARGING STATION ASSISTED BY PV FOR SRM DRIVE

The integration of Cuk and hybrid bidirectional converters in
EV charging stations with PV systems.

MTECH MINI PROJECT

SOLAR ASSISTED MULTIPOINT CONVERTER WITH SRM DRIVE.

To develop a multipoint converter for electric vehicle with self
charging which consisting of an PV integrating system
,battery bank and SRM motor drive.

BTECH MAIN PROJECT

BATTERY MANAGEMENT IN ELECTRIC VEHICLES.

This design says about the procedure of swapping of the
battery.So we can save the charging time at different
intervals.

BTECH MINI PROJECT

PORTABLE MOBILE CHARGER WITH HAND CRANK GENERATOR.

Mechanical hand crank generator is used which converts
mechanical energy into electrical energy and then charges
the mobile.

SEMINAR

Torque control techniques of SRM

Different types of torque control techniques is compared.
Among them Model Predictive torque control is the best one
due to torque ripple reduction.