

AMITY UNIVERSITY

— R A J A S T H A N —

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY(ASET) **B. Tech. (Electrical & Electronics Engineering)**

List of students undertaking field project or research projects or internships.

Program Code	Programme name	Name of the students
12246	Btech EEE	Shikha Paliwal
12246	Btech EEE	Vibhanshu Kumar Swami
12246	Btech EEE	Yogesh Chaudhary
12246	Btech EEE	Akhilesh Yadav
12246	Btech EEE	Narendra Dhakad

**“DEVELOPMENT OF POWER CONVERTERS
FOR ELECTRIC VEHICLE”**

A Project Report submitted in partial fulfillment of the requirements

For the degree of

Bachelor of Technology

In

Electrical and Electronics Engineering



Supervisors

Dr. Sanjay kumar Singh

Submitted by

Shikha Paliwal

A20424617007

Amity School of Engineering & Technology

AMITY UNIVERSITY RAJASTHAN

2019

DECLARATION

I hereby declare that the project entitled “Development Of Power Converters for electric vehicles“ submitted for the B. Tech. (EEE) degree is my original work and the project has not formed the basis for the award of any other degree, diploma, fellowship or any other similar titles.

Signature

(SHIKHA PALIWAL)

Date:7 june 2021

Place: Jaipur

ACKNOWLEDGEMENT

First of all I would like to sincerely thank my supervisor Dr. S.K. Singh for his persistent support, guidance, help and encouragement during the whole process of my study and my project work. I would also like to thank students, staffs and faculty of the Department of Electronics and Electrical Engineering, Amity School of Engineering and Technology for their support.

I would also like to thank my parents for their well wishes to complete this work. Finally thanks to my friends for their support.

SHIKHA PALIWAL

Date: 9 June 2021

Place: Jaipur

CERTIFICATE

This is to certify that the project titled “Development Of Power Converters for electric vehicles” is the bonafide work carried out by Shikha Paliwal, a student of B.Tech (EEE) of **DEPARTMENT OF EEE ,AMITY SCHOOL OF ENGINEERING & TECHNOLOGY, AMITY UNIVERSITY RAJASTHAN** during the academic year 2020-21, in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology (EEE) and that the project in any part has not been submitted for the award previously of any other degree, diploma, fellowship or any other similar title.

A handwritten signature in black ink, appearing to read "S.K. Singh", is written on a white background. The signature is cursive and fluid.

Signature of the Guide

(Name of the guide)

**Modelling & Simulation for a Photovoltaic System with MPPT
Controller**

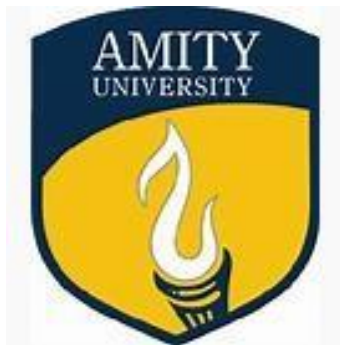
A Project Report submitted in partial fulfilment of the requirements

For the degree of

Bachelor of Technology

In

Electrical & Electronics Engineering



Supervisor:

Dr. Sanjay Kumar Singh

Submitted by:

Vibhanshu kumar swami

A20424617003

Amity School of Engineering & Technology

AMITY UNIVERSITY RAJASTHAN

2021

DECLARATION

I hereby declare that the project entitled “**Modelling and Simulation of a Photovoltaic System with MPPT Controller**” submitted for the B. Tech. (ECE/EEE) degree is my original work and the project has not formed the basis for the award of any other degree, diploma, fellowship or any other similar titles.

Vibhanshu Kumar Swami

Signature of the Student

Place:

Date:

CERTIFICATE

This is to certify that the project titled “**Modelling And Simulation of a Photovoltaic System with MPPT Controller**” is the bonafide work carried out by **Vibhanshu Kumar Swami**, a student of B Tech (EEE) of **DEPARTMENT OF EEE ,AMITY SCHOOL OF ENGINEERING & TECHNOLOGY, AMITY UNIVERSITY RAJASTHAN** during the academic year 2020-21, in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology (EEE) and that the project has not formed the basis for the award previously of any other degree, diploma, fellowship or any other similar title.

Signature of the Guide



Place:

Date:

Dual Axis Solar Traction System Using Arduino

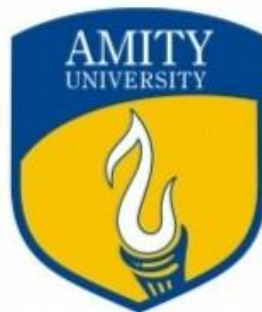
A Project Report submitted in partial fulfillment of the requirements

For the degree of

Bachelor of Technology

In

Electrical and Electronics Engineering



Supervisors

Dr. Pramod Kumar Bhatt

Submitted by

Yogesh Chaudhary

(A20424617005)

Amity School of Engineering & Technology

AMITY UNIVERSITY RAJASTHAN

2021

DECLARATION

I hereby declare that the project entitled **□Dual Axis Solar Traction System Using Arduino□** submitted for the B. Tech. (EEE) degree is my original work and the project has not formed the basis for the award of any other degree, diploma, fellowship or any other similar titles.

Signature

(Yogesh Chaudhary)

Signature

Date:

Place:

CERTIFICATE

This is to certify that the project titled "Dual Axis Solar Traction System Using Arduino" is the bonafide work carried out by Yogesh Chaudhary, a student of B Tech (EEE) of **DEPARTMENT OF EEE ,AMITY SCHOOL OF ENGINEERING & TECHNOLOGY, AMITY UNIVERSITY RAJASTHAN** during the academic year 202-21, in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology (EEE) and that the project in any part has not been submitted for the award previously of any other degree, diploma, fellowship or any other similar title.

Signature of the Guide

(Dr.Pramod Kumar Bhatt Sir)

SMART ENERGY METER USING GSM AND ARDUINO

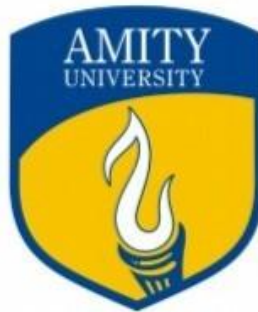
A Project Report submitted in partial fulfillment of the

requirements For the degree of

Bachelor of

TechnologyIn

Electrical and Electronics Engineering



Supervisors

Vinod Sharma

(AssistantProfessor).

Submitted by

***Akhilesh
Yadav***

(A202424617005)

Amity School of Engineering & Technology

AMITY UNIVERSITY RAJASTHAN

2021

DECLARATION

I hereby declare that the project entitled "SMART ENERGY METER USING GSM AND ARDUINO" submitted for the B. Tech. (EEE) degree is my original work and the project has not formed the basis for the award of any other degree, diploma, fellowship or any other similar titles.

Signature

(Akhilesh Yada

v)

Date:

Place:

Signature:

CERTIFICATE

This is to certify that the project titled "SMART ENERGY METER USING GSM AND ARDUINO" is the bona fide work carried out by Akhilesh Yadav students of B Tech (EEE) of DEPARTMENT OF ECE/EEE ,AMITY SCHOOL OF ENGINEERING & TECHNOLOGY, AMITY UNIVERSITY RAJASTHAN during the academic year 2019-20, in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology (EEE) and that the project has not formed the basis for the award previously of any other degree, diploma, fellowship or any other similar title.

Signature of External Examiner.

Signature of the Guide

(Name of External Examiner)

(Mr. Vinod

sharma)(Date)

(Date)

LOW COST LPG LEAKAGE DETECTOR

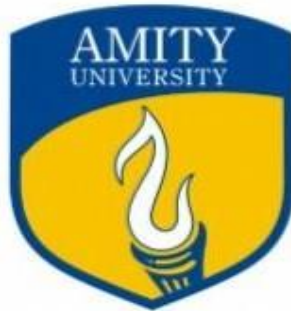
A Project Report submitted in partial fulfillment of the requirements

For the degree of

Bachelor of Technology

In

Electrical and Electronics Engineering



Supervisors:-

Mr. SUDHANSHU SINGH

(Assistant Professor)

Submitted By:-

Narendra Dhaked

(A22224617001)

Amity School of Engineering & Technology

AMITY UNIVERSITY RAJASTHAN

2021

DECLARATION

I hereby declare that the project entitled “**LOW COST LPG LEAKAGE DETECTOR**” submitted for the B. Tech. (EEE) degree is my original work and the project has not formed the basis for the award of any other degree, diploma, fellowship or any other similar titles.

Date: 07-06-2021

Place: AMITY UNIVERSITY RAJASTHAN

Signature

(NARENDRA DHAKED)

ACKNOWLEDGEMENT

First of all, I would like to sincerely thank my supervisor(s) **MR. SUDHANSHU SINGH** for him persistent support, guidance, help and encouragement during the whole process of my study and my industrial training/ seminar work. I would also like to thank students, staffs and faculty of the Department of Electrical and Electronic Engineering, Amity School of Engineering and Technology for their support.

I would also like to thank my parents for their well wishes to complete this work. Finally, thanks to my friends for their support.

Date: 07-06-2021

Place: Amity University Rajasthan

Name of the Student:

Narendra Dhaked

CERTIFICATE

This is to certify that the project titled “**LOW COST LPG LEAKAGE DETECTOR**” is the bonafide work carried out by **Narendra Dhaked**, a student of B.Tech (EEE) of **DEPARTMENT OF ECE, AMITY SCHOOL OF ENGINEERING & TECHNOLOGY, AMITY UNIVERSITY RAJASTHAN** during the academic year 2020-2021, in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology (EEE) and that the project has not formed the basis for the award previously of any other degree, diploma, fellowship or any other similar title.

**Signature of the Coordinator
Examiner**

(Name of the Coordinator)

Signature of the Examiner

(Name of the Examiner)

Signature of the

(Name of the Examiner)