

**VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS  
KILIMANOOR, THIRUVANANTHAPURAM**  
Accredited by NAAC with B++ Grade  
“A Unit of Vidya International Charitable Trust”


**1.3.2 Percentage of students undertaking project work/field work/internship (A.Y. 2021-2022)**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

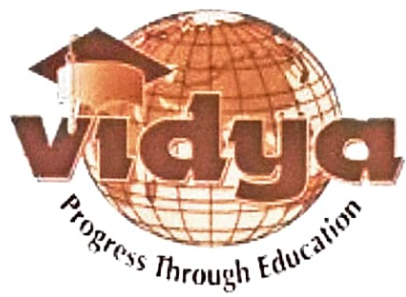
Name of the Student	Project Title	Field Project/Internship /Student Project	Name of the Company/Industry
Adithya S Darsan	Dual Input Superboost DC-DC Converter Solar Powered Electric Vehicle	Student Project	VAST TC
AR Akhila			VAST TC
Kiran Das J			VAST TC
Ajay Raj RM			VAST TC
Anaswara AG	An Efficient Fuzzy - Logic Based Variable Step Incremental Conductance MPPT Method of PV System	Student Project	VAST TC
Lekshmi DB			VAST TC
Naja NS			VAST TC
Sona BT			VAST TC
Krishna US	Design and Implementation of Automated System for Measuring Car Battery Capacity	Student Project	VAST TC
Maneesha M			VAST TC
Vaishak PS			VAST TC
Akshay S Kumar	Solar Based Wireless Charging	Student Project	VAST TC
Anas Muhammed S			VAST TC
Aswin Suresh			VAST TC
D Sherwin			VAST TC

Adithya S	Speed Control of 3 Phase Induction Motor Using Fuzzy Logic Simulation and Application of IM Used	Student Project	VAST TC
Midhun Mohan			VAST TC
Ram Prakash JD			VAST TC
Rohini AS			VAST TC
Abhirami S	IOT 6DOF Multipurpose Robot Arm	Student Project	VAST TC
Krishna Ram D			VAST TC
Nitya S			VAST TC
Vidhya V			VAST TC



  
 Dr. T. MATHAVARAJ RAVIKUMAR  
 Principal  
 Vidya Academy of Science & Technology  
 Technical Campus  
 Malakkal P.O., Kilimanoor, Trivandrum-695602


**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
VIDYA ACADEMY OF SCIENCE AND TECHNOLOGY TECHNICAL  
CAMPUS KILIMANOOR, THIRUVANANTHAPURAM**




**CERTIFICATE**

to certify that the report entitled “**DUAL INPUT SUPERBOOST DC - DC CONVERTER  
SOLAR POWERED ELECTRIC VEHICLE**” submitted by **ADITHYA S DARSAN  
(Reg.No.VAK18EE002) A R AKHILA (Reg.No.VAK18EE008) KIRAN DAS J (Reg.No.VAK18EE012)  
HAY RAJ R M (Reg.No.VAK18EE003)** to the APJ Abdul Kalam Technological University in partial  
fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Electrical &  
Electronics Engineering** is a bonafide record of the project work carried out by him under our guidance and  
supervision. This report in any form has not been submitted to any other University or Institute for any  
purpose.

  
**PROJECT COORDINATOR**  
**Mr. RANJITH M**  
Assistant Professor, Dept. of EEE  
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**Mrs. ASNA S ASOK**  
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**Dr. PRAVIN ROSE T**  
Head of Department, Dept. of EEE  
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28/06/22

**Internal supervisor**

  
28/06/22

**External supervisor**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING VIDYA ACADEMY OF SCIENCE AND  
TECHNOLOGY TECHNICAL CAMPUS, KILIMANNOOR,  
THIRUVANANTHAPURAM, 695602**


**2018-2022**




**CERTIFICATE**

This is to certify that the report entitled **“AN EFFICIENT FUZZY-LOGIC BASED VARIABLE STEP INCREMENTAL CONDUCTANCE MPPT METHOD OF PV SYSTEM”** submitted by **ANASWARA A G (VAK18EE007), LEKSHMI D B (VAK18EE015), NAJA N S (VAK18EE020), SONA B T (VAK18EE025)** to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Electrical & Electronics Engineering is a bona fide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

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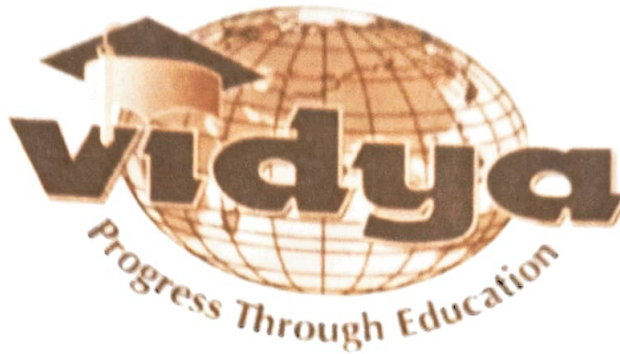
  
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**VIDYA ACADEMY OF SCIENCE AND TECHNOLOGY TECHNICAL  
CAMPUS, KILIMANNOOR, THIRUVANANTHAPURAM, 695602  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
2018-2022**



**CERTIFICATE**

This is to certify that the report entitled “**DESIGN AND IMPLEMENTATION OF AUTOMATED SYSTEM FOR MEASURING CAR BATTERY CAPACITY**” submitted by **KRISHNA U S (VAK18EE014), MANEESHA M (VAK18EE016), VAISHAK P S (VAK18EE028)** to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Electrical & Electronics Engineering is a bona fide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

**PROJECT GUIDE:  
MS. DIVYA SABU**  
Assistant professor  
Department of EEE

**PROJECT COORDINATOR  
MR. RANJITH M**  
Assistant professor  
Department of EEE

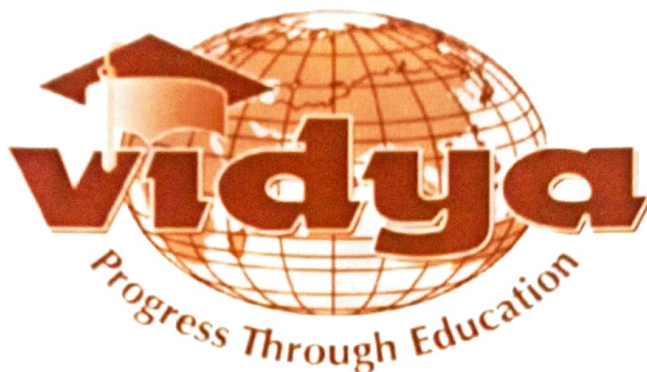
**HEAD OF THE DEPARTMENT:  
DR. PRAVIN ROSE T**  
Head of the Department  
Department of EEE

Internal supervisor

28/06/22

28/06/22  
External Supervisor

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
VIDYA ACADEMY OF SCIENCE AND TECHNOLOGY TECHNICAL CAMPUS,  
KILIMANOOR, THIRUVANANTHAPURAM, 695602



### CERTIFICATE

This is to certify that the report entitled “SOLAR BASED WIRELESS CHARGING” is submitted by **AKSHAY S KUMAR (VAK18EE004), ANAS MUHAMMED N(VAK18EE006), ASWIN SURESH(VAK18EE009), D SHERWIN (VAK18EE010)** to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Electrical & Electronics Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

**Project Coordinator:**  
**Mr. RENJITH M**  
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**Project Guide:**  
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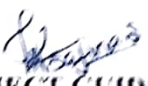
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
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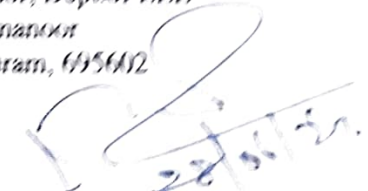
This is to certify that the report entitled "SPEED CONTROL OF 3 PHASE INDUCTION MOTOR USING FUZZY LOGIC SIMULATION AND APPLICATION OF IM USED IN ELECTRIC VEHICLES" submitted by ADITHIYA S (Reg No LVAK18EE030), MIDHUN MOHAN (Reg No VAK18EE017), RAM PRAKASH J D (Reg No VAK18EE023) & ROHINI A S (Reg No LVAK18EE034) to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Electrical & Electronics Engineering** is a bonafide record of the project work carried out by him under our guidance and supervision.. This report in any form has not been submitted to any other University or Institute for any purpose.

  
**PROJECT COORDINATOR**  
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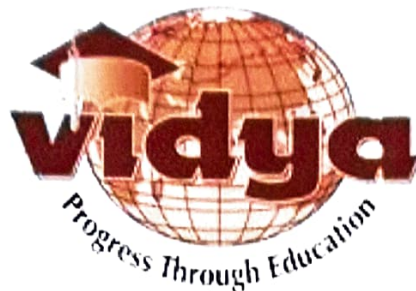
  
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VIDYA ACADEMY OF SCIENCE AND TECHNOLOGY TECHNICAL  
CAMPUS KILIMANOOR, THIRUVANANTHAPURAM



CERTIFICATE

This is to certify that the report entitled “IOT 6DOF MULTIPURPOSE ROBOT ARM” submitted by **ABHIRAMI S (Reg No VAK18EE001)**, **KRISHNA RAM D S (Reg No VAK18EE013)**, **NITYA S (Reg No VAK18EE021)** & **VIDHYA V (Reg No VAK18EE029)** to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Electrical & Electronics Engineering** is a bonafide record of the project work carried out by him under our guidance and supervision... This report in any form has not been submitted to any other University or Institute for any purpose.

**PROJECT COORDINATOR**

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**INTERNAL SUPERVISOR**

**EXTERNAL SUPERVISOR**