



**J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY**  
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Accredited by NAAC with "A" Grade  
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**Department of Electronics and Communication Engineering**

**ACADEMIC YEAR 2022-2023**

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4	731219106008	MATHANKUMAR M	✓	✓
5	731219106009	MOHAN K	✓	✓
6	731219106010	MUTHUPANDI M	✓	✓
7	731219106011	NANDHINI P	✓	
8	731219106012	NARMATHA M	✓	✓
9	731219106014	RAMESHPRABHU R	✓	✓
10	731219106015	ROHINI M	✓	✓
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12	731219106018	SATHYA PRIYA K	✓	✓
13	731219106019	SURENDAR P	✓	✓
14	731219106021	UDHAYAKUMAR M	✓	✓
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# **PROJECT WORK**



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**PROJECT DETAILS**

Academic year 2022-2023

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1	731219106001	BHARATHI M	AUTOMATIC INSULIN INJECTION	Mrs.U.SASIKALA
2	731219106014	RAMESHPRABHU R		
3	731219106021	UDHAYAKUMAR M		
4	731219106004	JAGADEESH KUMAR G	INCREASING EFFICIENCY AND LIFETIME OF E-VEHICLE BATTERY SYSTEM	Mrs.N.GOMATHI
5	731219106018	SATHYA PRIYA K		
6	731219106015	ROHINI M		
7	731219106006	KEMPARAJ K	AUTOMATIC MEDICAL DISPATCHER WITH DYNAMIC TELE MONITORING SYSTEM USING IOT IN RURAL AREAS	Mrs.R.KOKILA
8	731219106016	SABARIGAYATHRI A		
9	731219106019	SURENDAR P		
10	731219106009	MOHAN K	DESIGN AND IMPLEMENTATION OF ANTI-THEFT IN ATM CENTRE USING HYBRID INTERNET OF THINGS	Mrs.U.SASIKALA
11	731219106008	MATHANKUMAR M		
12	731219106012	NARMATHA M		
13	731219106010	MUTHUPANDI M	FIRE DETECTING AND EXTINGUISHER USING ARDUINO	Mr.N.NAVINDRAN
14	731219106011	NANDHINI P		
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**AUTOMATIC INSULIN  
INJECTION**



**A PROJECT REPORT**

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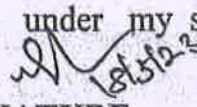
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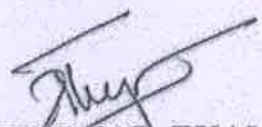
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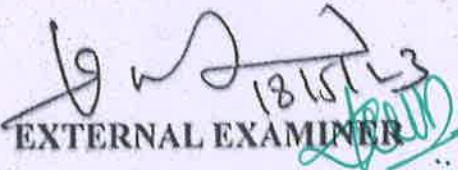
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# AUTOMATIC INSULIN INJECTION

## ABSTRACT

Many individuals with memory cognitive issues and physical disabilities are required to take a complex daily schedule of medications. Diabetic Mellitus (DM) can greatly reduce the patient's quality of life if left untreated. Traditional insulin infusion techniques involving a syringe and needle is impractical and unpleasant. Insulin pumps are a great alternative to achieve ease of use and personal comfort. An existing low cost insulin pump is further modified to have additional features to improve user experience. The pump is highly precise delivering accurate quantities of insulin irrespective of external conditions. The invention of insulin pump was a relief for diabetic patients, as they could dispense insulin dosages self-reliantly. The design aspects and architecture of the insulin pump is presented here and using temperature sensor human body temperature is sensed continuously. But it is very expensive for a low earned people to check their health conditions frequently in a hospital. Thus, our goal is to design a device based automatic insulin injection.

## KEYWORDS

Artificial Intelligence (AI) and Machine Learning (ML) are the technologies used for this concept.

  
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## CHAPTER 6

### CONCLUSION AND FUTURE WORK

#### 6.1 CONCLUSION

The prototype of a low cost insulin pump based on MEMS was developed. The Android application along with the database ensures easy access of data and pump usage for both doctor and the patient respectively. The pump was put through numerous experimental iterations and proved to be highly accurate with respect to the injected insulin dosage. The pump being compact and light weight can be easily worn.

#### 6.2 FUTURE WORK

Future work for this concept could include improvements in the accuracy and reliability of automatic insulin injection systems. This could involve developing algorithms and sensors that can more accurately detect changes in blood glucose levels and adjust the amount of insulin injected accordingly. Additionally, research could be done to develop better needle designs that can more accurately deliver insulin without causing discomfort or other issues. Finally, further research could be done to develop systems that are easier to use and maintain by patients, and that can be used in a variety of settings.



**INCREASING EFFICIENCY AND  
LIFETIME OF E-VEHICLE  
BATTERY SYSTEM**



**A PROJECT REPORT**

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## ABSTRACT

This paper examines and optimizes parameters that affecting of the air cooling of a Lithium-Ion (Li-Ion) battery, used in Electric Vehicles (EVs). A battery pack containing 150 cylindrical type Li-Ion battery cells in a PVC casing is investigated. An equal number of tubes are used in the pack as a medium to cool the battery by using a fan when the vehicle is stationary or with ambient air when in motion. The parameters affecting the air cooling of battery are studied and optimized by considering their practical constraints. The objective function and Number of Transfer Unit (NTU) are developed. Finally, a genetic algorithm method is employed to optimize the battery used in EV. Adding peltier module to the fan to reduce the heating of the battery in EVs, and monitoring the battery status such as voltage, charging and temperature in realtime by using ESP32. The Measurement and graphical representation is send to the INTERNET OF THINGS (IoT), We can see this in realtime by Thingspeak platform (cloud). By using this method we can increase the lifetime and efficiency of the Battery

**KEYWORDS :** ELECTRIC VEHICLE, BATTERY, ESP32, INTERNET OF THINGS, THINGSPEAK



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## CHAPTER 06

### CONCLUSION

#### 6.1 CONCLUSION

In this paper, a Li-ion battery was designed to be positioned in front of the vehicle dash panel. Longitudinal tubes were designed in a battery pack that provides a medium to pass the ambient air through the battery pack. The heat transfer model was developed for the design and an objective function was introduced, involving the NTU and variables of cooling, tube diameters, air velocity, as well as their limits. The genetic algorithm was utilized to optimize the objective function for decision variables within desired boundaries. The results show that the optimum value of NTU is obtained when tube diameters are at their upper limit and the air velocity is about 2.6 m/s for this specific design. Proposed has been the miniaturized wireless EV charger with a new high power-factor drive and natural cooling structure that incorporates the simple quasi-resonant singleended inverter.

This type of wireless resonant EV charger can efficiently operate under zero voltage switching (ZVS). The low-cost small-size high power-factor drive method has been discussed. In the new high power-factor driven wireless EV charger with a non-smoothing pulsating voltage fed inverter, ripple compon components are absorbed in EV battery at the final stage of the system. Described has been a design ohigh-density power implementation with a new naturalcooling construction. The volume and weight of converter has been extremely decreased and solve the problem of power factor and cooling.



**AUTOMATIC MEDICAL DISPATCHER  
WITH DYNAMIC TELE MONITORING  
SYSTEM USING IOT IN RURAL ZONES**



**A PROJECT REPORT**

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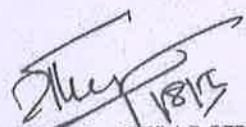
  
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## ABSTRACT

In the EXISTING system, the dramatically increasing deployment of the Internet of Things (IOT), remote monitoring of health data to achieve intelligent healthcare has received great attention recently. In the PROPOSED system, Health chain, a large-scale health data privacy preserving scheme based on block chain technology, where health data are encrypted to conduct fine grained access control. In the modification, MODIFICATION part is our implementation. We deploy the Anytime Medical Counter in all the rural areas where people cannot get good / best doctor on track. We install Heart Beat, Temperature sensor; Ultrasonic sensor, load cell, Camera and Head phone are also connected to the Medical machine. Medical counter user and is monitor from the remote area. Doctor examines the Patient and prescribes the medicines and the Medicine Dispatcher will Dispatch the Medicines from the AMM machine to the user. User can send the request to the server to get the tablets intake timings.

**KEYWORDS:**MEDICAL ATM, ARDUINO UNO, INTERNET OF THINGS.

  
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## CHAPTER 6

### 6. CONCLUSION

The early research is focused to assess how fast, effective programming system that can be designed & any interference that may interfere with the system. According to calculation, initial set up will cost very less compared to traditional approach and it will decrease with mass scale production. This system can be mobile with few modifications which can go remote villages for periodic health check-up of the stakeholders & in a nutshell this system has the potential to change the traditional architecture at the same time supporting it, if properly implemented. It is noted that doctor's business are mainly reputation worthy. (Patients are concentrated on one or two specific doctors). As the identity of doctor is not revealed, there is uniform distribution of patients towards doctors. It improves the traditional system where some good doctors are deprived of their earnings because of lack of reputation.

#### 6.1 FEATURE SCOPE

1. By implementing medical ATM, simple medical problems will be diagnosed with an easy reach. This system can be further improved to diagnose the health problem also. A central platform can be provided for patients to interact with specialists of fields through video conferencing i.e. to provide a health ATM service.

2. One more development is that to provide automated e-emergency diagnosis and pharmacy for patients which can be meant that at the health ATM, when a card being inserted the whole body of the user will be scanned and the problem will be identified and rectification suggestions will be given. If it is unable to identify, then a specialist will be connected through video conference.



**DESIGN AND IMPLEMENTATION  
OF ANTI-THEFT IN ATM CENTRE  
USING HYBRID INTERNET OF THINGS**



**A PROJECT REPORT**

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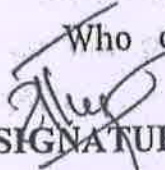
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## ABSTRACT

Automated Teller Machine (ATM) centre is a main tool for electronic Banking (e-Banking). It enables the banking services anytime and any where. This project deals with prevention of ATM theft from robbery. Present ATM centers have prevention not enough. so overcome the drawback found in existing technology in our society. When ever robbery occurs, Vibration sensor is used here which senses vibration produced from ATM machine, temperature sensor is used here which senses more temperature, ultrasonic sensor is used here which senses distance. This system uses Hybrid Internet of Things (HIoT) based embedded system, to process real time data collected using the sensors. Once the vibration is sensed the beep sound will occur from the buzzer. DC Motor is used for closing the door of ATM. Then Spraying pump is used to spray the chloroform. Real Time Clock (RTC) used to capture the robber occur time and send the robbery occur time with the message to the nearby police station and corresponding bank through the GSM.

**KEYWORDS :** ATM, ARDUINO UNO, HYBRID INTERNET OF THINGS .

  
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## CHAPTER 6

### CONCLUSION AND FUTURE WORK

#### 6.1. CONCLUSION

The proposed IoT-based ATM security system with door locking is a novel system that can provide enhanced security to ATMs while decreasing the operational costs. The system is built on the principles of Internet of Things, allowing the ATM to be monitored and monitored remotely. The system also makes use of door locking technology to provide an additional layer of security. With this system, the ATM can be securely monitored and controlled, providing a safer and more secure environment. Additionally, the system can also be used to detect any unauthorized activity, allowing for prompt action by the authorities. Thus, this system serves as an effective solution for providing enhanced security to ATMs.

#### 6.2. FUTURE WORK

- ❖ Expansion of the system to include other security measures such as facial recognition, voice recognition, and motion sensors.
- ❖ Developing a user-friendly interface for users to interact with the system.
- ❖ Integrating the system with other ATM security systems to increase its effectiveness.

  
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**FIRE DETECTING AND  
EXTINGUISHER USING ARDUINO**



**A PROJECT REPORT**

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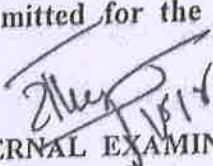
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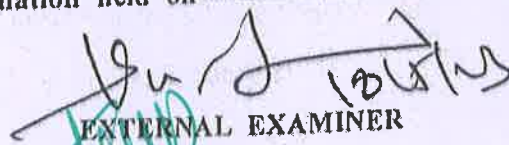
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## ABSTRACT

Fire is a calamity that can result in the loss of life, property damage, and the victim's lasting incapacity. In the case of a fire, we are compelled to employ human resources, which are not safe, to rescue people and put out the fire. With the advent of technology, particularly in robotics, it is now possible to respond quickly to fire locations and combat fires. This would increase fire-fighter efficiency while simultaneously preventing them from putting their lives in danger.

In this project, we created a prototype robot using Arduino that detects and extinguishes fires autonomously. When the flame sensor detects a fire, the water pump and servo motor are activated. The capacity to detect fire sites automatically and extinguish fire remotely at a distance of 60 cm from the fire. The robot is designed to locate fires and spray water into them in order to decrease the amount of damage.

**KEY WORD:** Arduino Uno, SIM(800L) GSM Module.



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## CHAPTER 6

### 6. CONCUSSION AND FUTURE WORK

#### 6.1 CONCUSSION:

The prototype of the fire fighter robot was efficiently designed. This prototype has facilities to be integrated with many sensors making it move forward. The toolkit detects the infrared light emitted by the fire with photo diode and sends signal to controller. We intend to extend this work to provide a keypad programmed to allow manipulation of robot to move desired direction with help of motor driver module and extinguish the flames using water tank which is rotated at 180 degrees with help of servo in order for faster result.

#### 6.2 FUTURE SCOPE:

The project has been motivated by the desire to design a system that can detect fires and take appropriate action, without any human intervention. This future work will also explore to the use of a long distance sensor with suitable hardware to get better and faster results addition to the characters.

The development of sensor networks and the maturity of robotics suggest that we can use mobile agents for tasks that involve perception of an external stimulus and reacting to the stimulus, even when the reaction involves a significant amount of mechanical actions. This provides us the opportunity to pass on to robots tasks that traditionally humans had to do but was inherently life- threatening. Fire-fighting is an obvious candidate for such automation. Given the number of lives lost regularly in fire-fighting, the system we envision is crying for adoption. Our experience

# **INTERNSHIP**



**J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY**  
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai  
Accredited by NAAC with "A" Grade  
T.N.Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

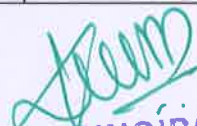


**Department of Electronics and Communication Engineering**

**Academic Year: 2022-2023**

**Internship Details**

S. No	REGISTER NUMBER	NAME OF THE STUDENT	NAME OF THE COMPANY	LOCATION	DATE
1	731220106002	KALYAN K	Durga Tech	109, MR Complex, Nehru street, Ram Nagar, Gandhipuram, Coimbatore - 641009	01.08.2022 TO 08.08.2022
2	731220106004	KUDIYARASU P			
3	731220106005	MUTHUKUMAR M			
4	731220106007	SUGUNADEVI M			
5	731220106008	VIKRAM V			
6	731220106301	JANARTHANAN K			
7	731219106001	BHARATHI M	Durga Tech	109, MR Complex, Nehru street, Ram Nagar, Gandhipuram, Coimbatore - 641009	26.07.2022 TO 09.08.2022
8	731219106004	JAGADEESH KUMAR G			
9	731219106006	KEMPARAJ K			
10	731219106008	MATHANKUMAR M			
11	731219106009	MOHAN K			
12	731219106010	MUTHUPANDI M			
13	731219106012	NARMATHA M			
14	731219106014	RAMESHPRABHU R			
15	731219106016	SABARIGAYATHRI A			
16	731219106018	SATHYA PRIYA K			
17	731219106019	SURENDAR P			
18	731219106021	UDHAYAKUMAR M			
19	731219106301	KURALARASAN D			


  
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Accredited by NAAC with "A" Grade  
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S. No	REGISTER NUMBER	NAME OF THE STUDENT	NAME OF THE COMPANY	LOCATION	DATE
20	731221106007	NARMATHA M	Universal Power Supplies	Varanapuram, Bhavani – 638301	18.01.2023 TO 28.01.2023
21	731221106009	SAKTHISIVAN K			
22	731221106010	SANTHIYA Y			
23	731221106012	SHARMILA V			
24	731221106015	VENEESWARI M			
25	731221106301	ARTHI V			
26	731221106008	RANJITH B	Pragati Hi- Tech Circuits	No 6, Ayyapa Nagar, Chinnavedampatti, Coimbatore – 641006.	18.01.2023 TO 28.01.2023
27	731221106011	SATHASIVAN R			
28	731221106014	SUBASH K			
29	731221106302	SHARMILA V			
30	731221106303	SOUNDARIYA S			
31	731219106004	JAGADEESH KUMAR G	Universal Power Supplies	Varanapuram, Bhavani – 638301	06.02.2023 TO 31.03.2023
32	731219106018	SATHYA PRIYA K			
33	731219106015	ROHINI M			
34	731219106006	KEMPARAJ K	ETS Academy	159, Amman Complex, Erode - 638011	20.03.2023 TO 12.05.2023
35	731219106016	SABARIGAYATHRI A			
36	731219106019	SURENDAR P			
37	731219106009	MOHAN K	Pragati Hi- Tech Circuits	No 6, Ayyapa Nagar, Chinnavedampatti, Coimbatore – 641006.	20.03.2023 TO 12.05.2023
38	731219106008	MATHANKUMAR M			
39	731219106012	NARMATHA M			

  
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**INTERNSHIP REQUISITION**

2 messages

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**ELECTRONICS COMMUNICATION** <jkkmctece2013@gmail.com>

Thu, Jul 14, 2022 at 10:05 AM

To: Durga Tech Arun &lt;info.durgatech@gmail.com&gt;

Sir,

On behalf of J.K.K.Munirajah College of Technology, we wish to request for permission to do Internship training at your company Durga Tech.

We wish to undertake our students an **Internship** at your company from last week of July 2022 upto two weeks to acquire practical knowledge. Our academic curriculum focuses on engaging students in practical experiences to observe the implementation of what they are studied in college. We believe that your company will give relevant knowledge during this Internship.

The students from third and final year of ECE students are intend to participate in this Internship. Please allow our students to do an Internship at your company and meet your skilled employee. Thank you in advance.

With Regards,  
HoD/ECE

**ECE DEPARTMENT**

**ECLON WELCOMES U ALL..**

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89K

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**Durga Tech Arun** <info.durgatech@gmail.com>

Thu, Jul 14, 2022 at 03:13 PM


To: ELECTRONICS COMMUNICATION &lt;jkkmctece2013@gmail.com&gt;

Dear Sir,

We are happy to offer your students to do **internship** with our company. As an intern at our company, your students will have the opportunity to learn more. We are confident that this will be a rewarding and enriching experience for your students. During your internship tenure, they will have the privilege of collaborating with our incredibly talented bunch of trainers, who tackle real-world challenges with their passion and creativity at the forefront. You will also receive the best hands-on experience and guidance on the latest trends and technologies.

Best Regards




  
**PRINCIPAL**  
**JKK MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**  
**T.N. PALAYAM (Po)-638 506.**  
**GOBI (TK), ERODE (Dt).**



This is to certify that K. Kalyan Reg.No: 731220106002 in BE(ECE) II  
year student of JKK Munirajah College of Technology, Gobi has completed the  
Internship/In-plant Training under the Web Development in Durga Tech from 8.8.22 to 8.8.22

During this Internship/~~In-plant~~ Training K. Kalyan found to be highly sincere, committed, hard  
working, progressive and professional towards ~~her~~/his work and is capable of discharging ~~her~~/his duties in a similar  
capacity and ~~her~~/his conduct was found to be good during ~~her~~/his period of Internship/~~In-plant~~ Training.

We wish K. Kalyan success in ~~her~~/his future endeavors in ~~her~~/his career.

  
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JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (Dt).  
Thanking You






This is to certify that P. Kudiyaram Reg.No: 731220106004 in BE(ECE) II  
 year student of Jkk Munirajah College of Technology, Gobi has completed the  
 Internship/~~In-plant~~ Training under the Web Development in Durga Tech from 2.8.22 to 8.8.22

During this Internship/~~In-plant~~ Training P. Kudiyaram found to be highly sincere, committed, hard  
 working, progressive and professional towards her/his work and is capable of discharging her/his duties in a similar  
 capacity and her/his conduct was found to be good during her/his period of Internship/~~In-plant~~ Training.

We wish P. Kudiyarasu success in her/his future endeavors in her/his career.

  
**PRINCIPAL**  
**JKK MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**  
 T.N. PALAYAM (Po)-638 506.  
 GOBI (Tk), ERODE (Dt).

Thanking You



Since 2009

Date : 8.8.2022



This is to certify that M. Muthukumar Reg.No: 731220106005 in BE(ECE) II  
year student of JKK Munirajah College of Technology, Gobi has completed the  
Internship/~~In-plant~~ Training under the Web Development in Durga Tech from 1.8.22 to 8.8.22

During this Internship/~~In-plant~~ Training M. Muthukumar found to be highly sincere, committed, hard  
working, progressive and professional towards her/his work and is capable of discharging her/his duties in a similar  
capacity and her/his conduct was found to be good during her/his period of Internship/~~In-plant~~ Training.

We wish M. Muthukumar success in her/his future endeavors in her/his career.

PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

Thanking You

www.durgatech.org  
info.durgatech@gmail.com




109, MR Complex, Nehru Street, Ram Nagar,  
Gandhipuram, Coimbatore - 641009.  
Ph : 99449 16107



This is to certify that M. Sugunadevi Reg.No: 731220106007 in BE(ECE) II  
year student of Jkk Munirajah College of Technology, Gobi has completed the  
Internship/~~In-plant~~ Training under the Web Development in Durga Tech from 1.8.22 to 8.8.22

During this Internship/~~In-plant~~ Training M. Sugunadevi found to be highly sincere, committed, hard working, progressive and professional towards her/~~his~~ work and is capable of discharging her/~~his~~ duties in a similar capacity and her/~~his~~ conduct was found to be good during her/~~his~~ period of Internship/~~In-plant~~ Training.

We wish M. Sugunadevi success in her/~~his~~ future endeavors in her/~~his~~ career.

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (Dt).

Thanking You



Since 2009



Date : 8.8.2022

This is to certify that V. Vikram Reg.No: 731220106008 in BE(ECE) II  
year student of JKKMunirajah College of Technology, Gobi has completed the  
Internship/~~In-plant~~ Training under the Web Development in Durga Tech from 1.8.22 to 8.8.22

During this Internship/~~In-plant~~ Training V. Vikram found to be highly sincere, committed, hard  
working, progressive and professional towards ~~her~~/his work and is capable of discharging ~~her~~/his duties in a similar  
capacity and ~~her~~/his conduct was found to be good during ~~her~~/his period of Internship/~~In-plant~~ Training.

We wish V. Vikram success in ~~her~~/his future endeavors in ~~her~~/his career.

  
PRINCIPAL  
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GOBI (Tk), ERODE (Dt).

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Gandhipuram, Coimbatore - 641009.  
Ph : 99449 16107





This is to certify that K. Janarthanan Reg.No: 731220106301 in BE(ECE) II  
year student of JKK Munirajah College of Technology, Gobli has completed the  
Internship/~~In-plant~~ Training under the Web Development in Durga Tech from 1.8.22 to 8.8.22

During this Internship/~~In-plant~~ Training K. Janarthanan found to be highly sincere, committed, hard working, progressive and professional towards ~~her~~/his work and is capable of discharging ~~her~~/his duties in a similar capacity and ~~her~~/his conduct was found to be good during ~~her~~/his period of Internship/~~In-plant~~ Training.

We wish K. Janarthanan success in ~~her~~/his future endeavors in ~~her~~/his career.

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

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This is to certify that M. Bharathi Reg.No: 731219106001 in BE(ECE) IV  
year student of JKK Munirajah College of Technology, Gobi has completed the  
Internship/In-plant Training under the Embedded Systems in Durga Tech from 26.7.22 to 9.8.22

During this Internship/~~In-plant~~ Training M. Bharathi found to be highly sincere, committed, hard  
working, progressive and professional towards ~~her~~/his work and is capable of discharging ~~her~~/his duties in a similar  
capacity and ~~her~~/his conduct was found to be good during ~~her~~/his period of Internship/~~In-plant~~ Training.

We wish M. Bharathi success in ~~her~~/his future endeavors in ~~her~~/his career.

  
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Ph : 99449 16107





This is to certify that G. Jagadeeshkumar Reg.No: 731219106004 in BE(ECE) IV  
year student of JKK Munirajah College of Technology, Gobi has completed the  
Internship/~~In-plant~~ Training under the Embedded Systems in Durga Tech from 26.7.22 to 9.8.22

During this Internship/~~In-plant~~ Training G. Jagadeeshkumar found to be highly sincere, committed, hard working, progressive and professional towards ~~her~~his work and is capable of discharging ~~her~~his duties in a similar capacity and ~~her~~his conduct was found to be good during ~~her~~his period of Internship/~~In-plant~~ Training.

We wish G. Jagadeeshkumar success in ~~her~~his future endeavors in ~~her~~his career.

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

Thanking You





This is to certify that K. Kemparaj Reg.No: 731219106006 in BE(ECE) IV  
year student of JKK Munirajah College of Technology, Gobli has completed the  
Internship/~~In-plant~~ Training under the Embedded Systems in Durga Tech from 26.7.22 to 9.8.22

During this Internship/~~In-plant~~ Training K. Kemparaj found to be highly sincere, committed, hard  
working, progressive and professional towards her/his work and is capable of discharging her/his duties in a similar  
capacity and her/his conduct was found to be good during her/his period of Internship/~~In-plant~~ Training.

We wish K. Kemparaj success in her/his future endeavors in her/his career.

  
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GOBI (Tk), ERODE (Dt).

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109, MR Complex, Nehru Street, Ram Nagar,  
Gandhipuram, Coimbatore - 641009.  
Ph : 99449 16107



This is to certify that M. Mathankumar Reg.No: 731219106008 in BE(ECE) IV  
year student of JKKMunirajah College of Technology, Gobi has completed the  
Internship/~~In-plant~~ Training under the Embedded Systems in Durga Tech from 26.7.22 to 9.8.22

During this Internship/~~In-plant~~ Training M. Mathankumar found to be highly sincere, committed, hard  
working, progressive and professional towards ~~her~~/his work and is capable of discharging ~~her~~/his duties in a similar  
capacity and ~~her~~/his conduct was found to be good during ~~her~~/his period of Internship/~~In-plant~~ Training.

We wish M. Mathankumar success in ~~her~~/his future endeavors in ~~her~~/his career.

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (Dt).

Thanking You





This is to certify that K. Mohan Reg.No: 731219106009 in BE(ECE) IV  
year student of JKKMunirajah College of Technology, Gobi has completed the  
Internship/~~In-plant~~ Training under the Embedded Systems in Durga Tech from 26.7.22 to 9.8.22

During this Internship/~~In-plant~~ Training K. Mohan found to be highly sincere, committed, hard  
working, progressive and professional towards ~~her~~/his work and is capable of discharging ~~her~~/his duties in a similar  
capacity and ~~her~~/his conduct was found to be good during ~~her~~/his period of Internship/~~In-plant~~ Training.

We wish K. Mohan success in ~~her~~/his future endeavors in ~~her~~/his career.

A handwritten signature in blue ink, appearing to read 'K. Mohan', is written over the printed name of the Principal.

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JKK MUNIRAJAH COLLEGE  
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T.N. PALAYAM (Po)-638 506.  
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This is to certify that M. Muthupandi Reg.No: 731219106010 in BE(ECE) IV  
year student of JKK Munirajah College of Technology, Gobli has completed the  
Internship/In-plant Training under the Embedded Systems in Durga Tech from 26.7.22 to 9.8.22

During this Internship/In-plant Training M. Muthupandi found to be highly sincere, committed, hard  
working, progressive and professional towards her/his work and is capable of discharging her/his duties in a similar  
capacity and her/his conduct was found to be good during her/his period of Internship/In-plant Training.

We wish M. Muthupandi success in her/his future endeavors in her/his career.

A handwritten signature in blue ink, appearing to read 'M. Muthupandi', is written over the printed name of the Principal.

PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

Thanking You

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info.durgatech@gmail.com




109, MR Complex, Nehru Street, Ram Nagar,  
Gandhipuram, Coimbatore - 641009.  
Ph : 99449 16107



This is to certify that M. Narmatha Reg.No: 731219106012 in BE(ECE) IV  
year student of JKK Munirajah College of Technology, Gobli has completed the  
Internship/~~In-plant~~ Training under the Embedded Systems in Durga Tech from 26.7.22 to 9.8.22

During this Internship/~~In-plant~~ Training M. Narmatha found to be highly sincere, committed, hard  
working, progressive and professional towards her/~~his~~ work and is capable of discharging her/~~his~~ duties in a similar  
capacity and her/~~his~~ conduct was found to be good during her/~~his~~ period of Internship/~~In-plant~~ Training.

We wish M. Narmatha success in her/~~his~~ future endeavors in her/~~his~~ career.

  
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OF TECHNOLOGY  
TINPALAYAM (Po)-638506.  
GOBLI (Tk), ERODE (Dt).

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This is to certify that R. Ramesh Prabhu Reg.No: 731219106014 in BE(ECE) IV  
year student of JKKMunirajah College of Technology, Gobli has completed the  
Internship/~~In-plant~~ Training under the Embedded Systems in Durga Tech from 26.7.22 to 9.8.22

During this Internship/~~In-plant~~ Training R. Ramesh Prabhu found to be highly sincere, committed, hard working, progressive and professional towards ~~her~~/his work and is capable of discharging ~~her~~/his duties in a similar capacity and ~~her~~/his conduct was found to be good during ~~her~~/his period of Internship/~~In-plant~~ Training.

We wish R. Ramesh Prabhu success in ~~her~~/his future endeavors in ~~her~~/his career.

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

Thanking You






This is to certify that A. Sabari Gayathri Reg.No: 731219106016 in BE(ECE) IV  
year student of JKK Munirajah College of Technology, Gobi has completed the  
Internship/~~In-plant~~ Training under the Embedded Systems in Durga Tech from 26.7.22 to 9.8.22

During this Internship/~~In-plant~~ Training A. Sabari Gayathri found to be highly sincere, committed, hard  
working, progressive and professional towards her/~~his~~ work and is capable of discharging her/~~his~~ duties in a similar  
capacity and her/~~his~~ conduct was found to be good during her/~~his~~ period of Internship/~~In-plant~~ Training.

We wish A. Sabari Gayathri success in her/~~his~~ future endeavors in her/~~his~~ career.

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (Dt).


Thanking You



This is to certify that K. Sathyapriya Reg.No: 731219106018 in BE(ECE) IV  
year student of JKK Munirajah College of Technology, Gobli has completed the  
Internship/~~In-plant~~ Training under the Embedded Systems in Durga Tech from 26.7.22 to 9.8.22

During this Internship/~~In-plant~~ Training K. Sathyapriya found to be highly sincere, committed, hard  
working, progressive and professional towards her/~~his~~ work and is capable of discharging her/~~his~~ duties in a similar  
capacity and her/~~his~~ conduct was found to be good during her/~~his~~ period of Internship/~~In-plant~~ Training.

We wish K. Sathyapriya success in her/~~his~~ future endeavors in her/~~his~~ career.



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JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (Dt).


Thanking You



This is to certify that P. Surendar Reg.No: 731219106019 in BE (ECE) IV  
year student of JKK Munirajah College of Technology, Gobi has completed the  
Internship/~~In-plant~~ Training under the Embedded Systems in Durga Tech from 26.7.22 to 9.8.22

During this Internship/~~In-plant~~ Training P. Surendar found to be highly sincere, committed, hard  
working, progressive and professional towards ~~her~~his work and is capable of discharging ~~her~~his duties in a similar  
capacity and ~~her~~his conduct was found to be good during ~~her~~his period of Internship/~~In-plant~~ Training.

We wish P. Surendar success in ~~her~~his future endeavors in ~~her~~his career.

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

Thanking You



This is to certify that M. UDHAYAKUMAR Reg.No: 731219106021 in BE(ECE) IV  
year student of JKK MUNIRAJAH COLLEGE OF TECHNOLOGY, GOBI has completed the  
Internship/~~In-plant~~ Training under the EMBEDDED SYSTEMS in Durga Tech from 26.7.22 to 9.8.22

During this Internship/~~In-plant~~ Training M. UDHAYAKUMAR found to be highly sincere, committed, hard  
working, progressive and professional towards ~~her~~/his work and is capable of discharging ~~her~~/his duties in a similar  
capacity and ~~her~~/his conduct was found to be good during ~~her~~/his period of Internship/~~In-plant~~ Training.

We wish M. UDHAYAKUMAR success in ~~her~~/his future endeavors in ~~her~~/his career.



PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

Thanking You



This is to certify that D. Kural Arasan Reg.No: 731219106301 in BE(ECE) IV year student of JKKMunirajah College of Technology, Gobi has completed the Internship/In-plant Training under the Embedded Systems in Durga Tech from 26.7.22 to 9.8.22

During this Internship/In-plant Training D. Kural Arasan found to be highly sincere, committed, hard working, progressive and professional towards ~~her~~his work and is capable of discharging ~~her~~his duties in a similar capacity and ~~her~~his conduct was found to be good during ~~her~~his period of Internship/In-plant Training.

We wish D. Kural Arasan success in ~~her~~his future endeavors in ~~her~~his career.

A handwritten signature in blue ink, appearing to read 'Arasan', is written over the printed name of the Principal.

PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY.  
T.N. PALAYAM (Po)-638506.  
GOBI (Tk), ERODE (Dt).

Thanking You



**INTERNSHIP REQUISITION**

2 messages

**ELECTRONICS COMMUNICATION** <jkkmctece2013@gmail.com>  
To: power supplies <gbro@gmail.com>

Mon, Jan 02, 2023 at 10:32 AM

Sir,

On behalf of J.K.K.Munirajah College of Technology, we wish to request for permission to do Internship training at your company Universal Power supplies.

We wish to undertake our students an Internship at your company from third week of January 2023 upto two weeks to acquire practical knowledge. Our academic curriculum focuses on engaging students in practical experiences to observe the implementation of what they are studied in college. We believe that your company will give relevant knowledge during this Internship.

A group of (M.NARMATHA, K.SAKTHISIVAN, Y.SANTHIYA, V.SHARMILA, M.VENEESWARI and V.ARTHI) students are intend to participate in this Internship. Please allow our students to do an Internship at your company and meet your skilled employee. Thank you in advance.

With Regards,  
HoD/ECE

**ECE DEPARTMENT****ECLON WELCOMES U ALL..**

---

INTERNSHIP.pdf  
412K

**power supplies** <gbro@gmail.com>

Wed, Jan 4, 2023 at 11:30 AM

To: ELECTRONICS COMMUNICATION &lt;jkkmctece2013@gmail.com&gt;

Dear Sir,

With great pleasure we welcome the listed students from your attached letter, to do internship training in our company from 18.01.2023 and ask the students to utilize this opportunity.

Best Regards,  
UPS



UPS



PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506,  
GOBI (Tk), ERODE (Dt).

# UNIVERSAL POWER SUPPLIES

Department of R & D Centre,  
Varanapuram, Bhavani, Tamil Nadu 638301

Phone: 099421 07795

Website: www.gbro.in

Date: 28.01.2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that the student Ms. M.NARMATHA (Reg.No: 731221106007) Department of Electronics and Communication Engineering Second Year from J.K.K Munirajah College of Technology, T.N:Palayam, Gobi, has satisfactorily completed her Internship on DESIGN OF DC POWER SUPPLY during the period of 18.01.2023 to 28.01.2023 under our guidance.

For



Electronics R & D Manufacturing  
Universal Power Supplies

Project Manager

**UNIVERSAL POWER SUPPLIES**

Opp. Bhavani G.H.,

Bhavani - 638 301.

Contact : 88833 96669

PRINCIPAL

JKK MUNIRAJAH COLLEGE

OF TECHNOLOGY

T.N. PALAYAM (Po)-638 506.

GOBI (Tk), ERODE (Dt).

# UNIVERSAL POWER SUPPLIES

Department of R & D Centre,  
Varanapuram, Bhavani, Tamil Nadu 638301

Phone: 099421 07795

Website: www.gbro.in

Date: 28.01.2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that the student Mr. K.SAKTHISIVAN (Reg.No: 731221106009) Department of Electronics and Communication Engineering Second Year from J.K.K Munirajah College of Technology, T.N.Palayam, Gobi, has satisfactorily completed his Internship on DESIGN OF DC POWER SUPPLY during the period of 18.01.2023 to 28.01.2023 under our guidance.

For



Electronics R & D Manufacturing  
Universal Power Supplies

Project Manager  
**UNIVERSAL POWER SUPPLIES**  
Opp. Bhavani G.H.,  
Bhavani - 638 301.  
Contact : 88833 96669

PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

# UNIVERSAL POWER SUPPLIES

Department of R & D Centre,  
Varanapuram, Bhavani, Tamil Nadu 638301

Phone: 099421 07795

Website: www.gbro.in

Date: 28.01.2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that the student Ms. Y.SANTHIYA (Reg.No: 731221106010) Department of Electronics and Communication Engineering Second Year from J.K.K Munirajah College of Technology, T.N.Palayam, Gobi, has satisfactorily completed her Internship on **DESIGN OF DC POWER SUPPLY** during the period of 18.01.2023 to 28.01.2023 under our guidance.

For



Electronics R & D Manufacturing  
Universal Power Supplies

Project Manager  
**UNIVERSAL POWER SUPPLIES**

Opp. Bhavani G.H.,  
Bhavani - 638 301.

Contact : 88833 96669

**PRINCIPAL**  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (Dt).

# UNIVERSAL POWER SUPPLIES

Department of R & D Centre,  
Varanapuram, Bhavani, Tamil Nadu 638301

Phone: 099421 07795

Website: www.gbro.in

Date: 28.01.2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that the student Ms. V.SHARMILA (Reg.No: 731221106012) Department of Electronics and Communication Engineering Second Year from J.K.K Munirajah College of Technology, T.N.Palayam, Gobi, has satisfactorily completed her Internship on DESIGN OF DC POWER SUPPLY during the period of 18.01.2023 to 28.01.2023 under our guidance.

For



Electronics R & D Manufacturing  
Universal Power Supplies

Project Manager  
**UNIVERSAL POWER SUPPLIES**  
Opp. Bhavani G.H.,  
Bhavani - 638 301.  
Contact : 88833 96669

**PRINCIPAL**  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

Regd.Office: Varanapuram, Bhavani, Tamil Nadu 638301

Phone: 099421 07795 Website: www.gbro.in

# UNIVERSAL POWER SUPPLIES

Department of R & D Centre,  
Varanapuram, Bhavani, Tamil Nadu 638301

Phone: 099421 07795

Website: www.gbpro.in

Date: 28.01.2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that the student Ms. M.VENEESWARI (Reg.No: 731221106015) Department of Electronics and Communication Engineering Second Year from J.K.K Munirajah College of Technology, T.N.Palayam, Gobi, has satisfactorily completed her Internship on DESIGN OF DC POWER SUPPLY during the period of 18.01.2023 to 28.01.2023 under our guidance.

For



Electronics R & D Manufacturing  
Universal Power Supplies

Project Manager  
**UNIVERSAL POWER SUPPLIES**  
Opp. Bhavani G.H.,  
Bhavani - 638 301.  
Contact : 88833 96669

PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

# UNIVERSAL POWER SUPPLIES

Department of R & D Centre,  
Varanapuram, Bhavani, Tamil Nadu 638301

Phone: 099421 07795

Website: www.gbro.in

Date: 28.01.2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that the student Ms. V.ARTHI (Reg.No: 731221106301) Department of Electronics and Communication Engineering Second Year from J.K.K Munirajah College of Technology, T.N.Palayam, Gobi, has satisfactorily completed her Internship on DESIGN OF DC POWER SUPPLY during the period of 18.01.2023 to 28.01.2023 under our guidance.

For



Electronics R & D Manufacturing  
Universal Power Supplies

Project Manager  
**UNIVERSAL POWER SUPPLIES**  
Opp. Bhavani G.H.,  
Bhavani - 638 301.  
Contact : 88833 96669

**PRINCIPAL**  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

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**INTERNSHIP REQUISITION**

2 messages

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**ELECTRONICS COMMUNICATION** <jkkmctece2013@gmail.com>

Wed, Jan 4, 2023 at 10:35 AM

To: Pragati Circuits &lt;pragaticbe@yahoo.in&gt;

Sir,

On behalf of J.K.K.Munirajah College of Technology, we wish to request for permission to do Internship training at your company **Pragati Hi Tech Circuits**.

We wish to undertake our students an Internship training at your company from 18.01.2023 to 28.01.2023 acquire practical knowledge. Our academic curriculum focuses on engaging students in practical experiences to observe the implementation of what they studied in college. We believe that your company will give relevant knowledge during this visit.

A group of students (B.Ranjith, R.Sathasivan, K.Subash, V.Sharmila and S.Soundariya) are intend to participate in this Internship training. Please allow our students to do an Internship training at your company and meet your skilled employee.


Thank you in advance.

With Regards,  
HoD/ECE

ECE DEPARTMENT

ECLON WELCOMES U ALL..

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 Internship.pdf  
268K

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**Pragati Circuits** <pragaticbe@yahoo.in>


Thu, Jan 5, 2023 at 02:25 PM

To: ELECTRONICS COMMUNICATION &lt;jkkmctece2013@gmail.com&gt;

Sir,

I am pleased to accept the following students B.Ranjith, R.Sathasivan, K.Subash, V.Sharmila and S.Soundariya are allowed to do internship in our company from 18.01.2023 to 28.01.2023 to gain their knowledge.

With Warm Regards,  
PRAGATI HI-TECH CIRCUITS

  
PRINCIPAL  
J.K.K. MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (Dt).

DATE : 28.01.2023


## INTERNSHIP COMPLETION CERTIFICATE

This is to certify that Mr. Ranjith B of B.E Electronics and Communication Engineering – II Year from J.K.K.Munirajah College of Technology, T.N.Palayam has done Internship for a period from 18<sup>th</sup> Jan to 28<sup>th</sup> Jan 2023.

He was regular in his attendance and performance was good.

For PRAGATI HI TECH CIRCUITS

  
Proprietor

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

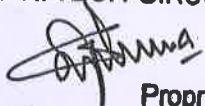
DATE : 28.01.2023


## INTERNSHIP COMPLETION CERTIFICATE

This is to certify that Mr. Sathasivan R of B.E Electronics and Communication Engineering – II Year from J.K.K.Munirajah College of Technology, T.N.Palayam has done Internship for a period from 18<sup>th</sup> Jan to 28<sup>th</sup> Jan 2023.

He was regular in his attendance and performance was good.

For PRAGATI HI TECH CIRCUITS

  
Proprietor

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

DATE : 28.01.2023


## INTERNSHIP COMPLETION CERTIFICATE

This is to certify that Mr. Subash K of B.E Electronics and Communication Engineering – II Year from J.K.K.Munirajah College of Technology, T.N.Palayam has done Internship for a period from 18<sup>th</sup> Jan to 28<sup>th</sup> Jan 2023.

He was regular in his attendance and performance was good.

For PRAGATI HI TECH CIRCUITS

  
Proprietor


  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (DI).

DATE : 28.01.2023

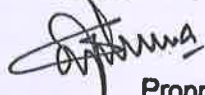
## INTERNSHIP COMPLETION CERTIFICATE

This is to certify that Ms. Sharmila V of B.E Electronics and Communication Engineering – II Year from J.K.K.Munirajah College of Technology, T.N.Palayam has done Internship for a period from 18<sup>th</sup> Jan to 28<sup>th</sup> Jan 2023.

She was regular in her attendance and performance was good.

  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506,  
GOBI (Tk), ERODE (Dt).

For PRAGATI HI TECH CIRCUITS


  
Proprietor

DATE : 28.01.2023


## INTERNSHIP COMPLETION CERTIFICATE

This is to certify that Ms. Soundariya S of B.E Electronics and Communication Engineering – II Year from J.K.K.Munirajah College of Technology, T.N.Palayam has done Internship for a period from 18<sup>th</sup> Jan to 28<sup>th</sup> Jan 2023.

She was regular in her attendance and performance was good.

  
**PRINCIPAL**  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

For PRAGATI HI TECH CIRCUITS

  
Proprietor

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**INTERNSHIP REQUISITION**

2 messages

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**ELECTRONICS COMMUNICATION** <jkkmctece2013@gmail.com>  
To: power supplies <gbro@gmail.com>

Mon, Jan 30, 2023 at 10:12 AM

Sir,

On behalf of J.K.K.Munirajah College of Technology, we wish to request for permission to do Project Internship training at your company Universal Power supplies.

We wish to undertake our students a Project Internship training at your company from 06.02.23 onwards upto two months to complete their project. As per the curriculum, the student needs to join a two month long internship and attain a certificate after satisfactory training. It will be a golden opportunity for the students as they will get to learn a lot of new things. We believe that your company will give relevant knowledge and training during this internship to complete their project.


The students G.Jagadeesh Kumar, K.Sathya Priya and M.Rohini are intend to participate in this Project Internship. Please allow our students to do Project Internship at your company and meet your skilled employee. Thank you in advance.

With Regards,  
HoD/ECE

ECE DEPARTMENT

ECLON WELCOMES U ALL..

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 INTERNSHIP.pdf  
543K

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**power supplies** <gbro@gmail.com>

Mon, Jan 30, 2023 at 03:15 PM


To: ELECTRONICS COMMUNICATION &lt;jkkmctece2013@gmail.com&gt;

Dear Sir,

With great pleasure we welcome the listed students from your attached letter, to do project internship training in our company from 06.02.2023 onwards.

Best Regards,  
UPS



  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 606.  
GOBI (TK), ERODE (DI).

# UNIVERSAL POWER SUPPLIES

Department of R & D Centre,  
Varanapuram, Bhavani, Tamil Nadu 638301

Phone: 099421 07795

Website: www.gbro.in

Date: **31.03.2023**

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that the student **Mr. G.JAGADEESH KUMAR** (Reg. No: **731219106004**) Department of Electronics and Communication Engineering Final Year from J.K.K Munirajah College of Technology, T.N.Palayam, Gobi, has satisfactorily completed his **Internship** during the period of 06.02.2023 to 31.03.2023.

He worked on the project titled **"INCREASING EFFICIENCY AND LIFETIME OF E-VEHICLE BATTERY SYSTEM"** under our guidance.

During the above mentioned period his conduct and behavior remains good,  
We wish him all the best for future.

For



Electronics R & D Manufacturing  
Universal Power Supplies

Project Manager

**UNIVERSAL POWER SUPPLIES**

Opp. Bhavani G.H.,

Bhavani - 638 301.

Contact : 88833 96669

PRINCIPAL  
MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk). ERODE (Dt).

# UNIVERSAL POWER SUPPLIES

Department of R & D Centre,  
Varanapuram, Bhavani, Tamil Nadu 638301

Phone: 099421 07795

Website: [www.gbro.in](http://www.gbro.in)

Date: 31.03.2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that the student Ms. K.SATHYA PRIYA (Reg. No: 731219106018) Department of Electronics and Communication Engineering Final Year from J.K.K Munirajah College of Technology, T.N.Palayam, Gobi, has satisfactorily completed her Internship during the period of 06.02.2023 to 31.03.2023.


She worked on the project titled "INCREASING EFFICIENCY AND LIFETIME OF E-VEHICLE BATTERY SYSTEM" under our guidance.

During the above mentioned period her conduct and behavior remains good,  
We wish her all the best for future.

For



Electronics R & D Manufacturing  
Universal Power Supplies

  
**PRINCIPAL**  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).



**Project Manager**  
**UNIVERSAL POWER SUPPLIES**  
Opp. Bhavani G.H.,  
Bhavani - 638 301.  
Contact : 88833 96669

# UNIVERSAL POWER SUPPLIES

Department of R & D Centre,  
Varanapuram, Bhavani, Tamil Nadu 638301

Phone: 099421 07795

Website: www.gbro.in

Date: **31.03.2023**

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that the student Ms. M.ROHINI (Reg. No:731219106015) Department of Electronics and Communication Engineering Final Year from J.K.K Munirajah College of Technology, T.N.Palayam, Gobi, has satisfactorily completed her Internship during the period of 06.02.2023 to 31.03.2023.

She worked on the project titled "INCREASING EFFICIENCY AND LIFETIME OF E-VEHICLE BATTERY SYSTEM" under our guidance.

During the above mentioned period her conduct and behavior remains good,  
We wish her all the best for future.

For



Electronics R & D Manufacturing  
Universal Power Supplies

Project Manager

**UNIVERSAL POWER SUPPLIES**

Opp. Bhavani G.H.,  
Bhavani - 638 301.

Contact : 88833 96669

PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

Regd.Office: Varanapuram, Bhavani, Tamil Nadu 638301

Phone: 099421 07795 Website: www.gbro.in

**INTERNSHIP REQUISITION**

2 messages

**ELECTRONICS COMMUNICATION** <jkkmctece2013@gmail.com>  
To: ETS ACADEMY Erode <etsacademyerode@gmail.com>

Fri, Mar 3, 2023 at 10:45 AM

Sir,

On behalf of J.K.K.Munirajah College of Technology, we wish to request for permission to do Project Internship training at your company ETS Academy.

We wish to undertake our students Project Internship training at your company from 20.03.23 onwards upto two months to complete their project. As per the curriculum, the student needs to join a two month long internship and attain a certificate after satisfactory training. It will be a golden opportunity for the students as they will get to learn a lot of new things. We believe that your company will give relevant knowledge and training during this internship to complete their project.

The students K.Kemparaj, A.Sabarigayathri and P.Surendar are intend to participate in this Project Internship. Please allow our students to do an Internship at your company and meet your skilled employee. Thank you in advance.

With Regards,  
HoD/ECE

**ECE DEPARTMENT**

**ECLON WELCOMES U ALL..**

 INTERNSHIP.pdf  
96K


**ETS ACADEMY Erode** <etsacademyerode@gmail.com>  
To: ELECTRONICS COMMUNICATION <jkkmctece2013@gmail.com>

Sat, Mar 4, 2023 at 01:13 PM

Dear Sir,

We are delighted to accept the request of internship for your students with our company. All the details in relation with the project and duties of the respective internee will be shared on the very first day of their internship with us. And once they have successfully completion of two months, all the internees will have to submit a detailed project report on their internship which will have details of their project and their roles. This report will mark completion of their internship and then the company will issue them an Internship Certificate.

Best Regards,  
**ETS ACADEMY Erode**

  
**PRINCIPAL**  
**JKK MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**  
**T.N. PALAYAM (Po)-638 506.**  
**GOBI (Tk), ERODE (Dt).**

# CERTIFICATE OF Appreciation

12.05.2023



THIS CERTIFICATE IS PROUDLY PRESENTED TO  
**K.KEMPARAJ**

Dept Of ECE, J.K.K.Munirajah College Of Technology has  
successfully completed his **internship on AUTOMATIC MEDICAL  
DISPATCHER WITH DYNAMIC TELE MONITORING SYSTEM  
USING IOT IN RURAL AREAS** from 20.03.2023 to 12.05.2023 at  
ETS ACADEMY, ERODE.

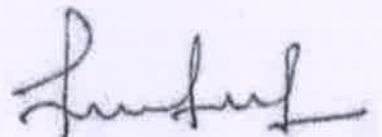


**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

ETS Academy is registered under the:  
Ministry of MSME Govt.of India  
Reg.no:TN07E0021273



CERTIFICATEID:A002834

  
Authorised signature



**Skill India**  
शिक्षण मंत्रालय - कौशल मिशन

**CISCO**  
PARTNER  
Registered Partner

**Microsoft**  
Registered Microsoft Partner



**PMKVY**  
प्रधानमंत्री कौशल विकास योजना

IT-ITeS SSC  
NASSCOM





**PRINCIPAL**  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

# CERTIFICATE OF Appreciation

12.05.2023



THIS CERTIFICATE IS PROUDLY PRESENTED TO  
**A.SABARI GAYATHRI**

Dept Of ECE, J.K.K.Munirajah College Of Technology has  
successfully completed his **internship on AUTOMATIC MEDICAL  
DISPATCHER WITH DYNAMIC TELE MONITORING SYSTEM  
USING IOT IN RURAL AREAS** from 20.03.2023 to 12.05.2023 at  
ETS ACADEMY, ERODE.



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

ETS Academy is registered under the:  
Ministry of MSME Govt.of india  
Reg.no:TNO7E0021273



CERTIFICATEID:A002834

Authorised signature



**Skill India**  
संश्लेषण विद्या - कृषि विद्या



**Microsoft**  
Registered Microsoft Partner



**PMKVY**  
PRADHAN MANTRI KAUSHAL VIKAS YOJANA



IT-ITeS SSC  
NASSCOM



PRINCIPAL  
J.K.K. MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
ERODE (Dt)

# CERTIFICATE

OF

## Appreciation

12.05.2023



THIS CERTIFICATE IS PROUDLY PRESENTED TO  
**P.SURENDAR**

Dept Of ECE, J.K.K.Munirajah College Of Technology has successfully completed his internship on AUTOMATIC MEDICAL DISPATCHER WITH DYNAMIC TELE MONITORING SYSTEM USING IOT IN RURAL AREAS from 20.03.2023 to 12.05.2023 at ETS ACADEMY, ERODE.

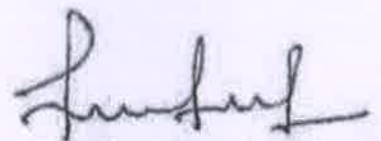


**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
उद्यम, सान्छे सान्छे मध्यम उद्यम

ETS Academy is registered under the:  
Ministry of MSME Govt.of India  
Reg.no:TN07E0021273



CERTIFICATEID:A002834

  
Authorised signature



**Skill India**  
सौजन्य मंत्रालय - कौशल मंत्रालय



**Microsoft**  
Registered Microsoft Partner




**PMKVY**  
प्रधान मन्त्रि कौशल योजना



IT-ITeS SSC  
NASSCOM



  
PRINCIPAL  
JKK MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (TK), ERODE (DT).

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**INTERNSHIP REQUISITION**

2 messages

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**ELECTRONICS COMMUNICATION** <jkkmctece2013@gmail.com>

Wed, Jan 4, 2023 at 10:50 AM

To: Pragati Circuits &lt;pragaticbe@yahoo.in&gt;

Sir,

On behalf of J.K.K.Munirajah College of Technology, we wish to request for permission to do **Project Internship** training at your company **Pragati Hi Tech Circuits**.

We wish to undertake our students a **Project Internship** training at your company from 20.03.23 onwards upto two months to complete their project. As per the curriculum, the student needs to join a two month long internship and attain a certificate after satisfactory training. It will be a golden opportunity for the students as they will get to learn a lot of new things. We believe that your company will give relevant knowledge and training during this internship to complete their project.

The students K.Mohan, M.Mathankumar, and M.Narmatha are intend to participate in this Project Internship. Please allow our students to do Project Internship at your company and meet your skilled employee. Thank you in advance.

Thank you in advance.

With Regards,  
HoD/ECE

**ECE DEPARTMENT**

**ECLON WELCOMES U ALL..**

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 Internship.pdf  
238K

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**Pragati Circuits** <pragaticbe@yahoo.in>

Thu, Jan 5, 2023 at 03:05 PM

To: ELECTRONICS COMMUNICATION &lt;jkkmctece2013@gmail.com&gt;

Sir,

I am pleased to accept the following students K.Mohan, M.Mathankumar and M.Narmatha to do **project internship** training in our company from 20.03.23 onwards upto their Project completion. The students are asked to complete their project with allotted trainee and gain their knowledge to improve their career.

With Warm Regards,  
**PRAGATI HI-TECH CIRCUITS**

  
**PRINCIPAL**  
**J.K.K. MUNIRAJAH COLLEGE**  
**OF TECHNOLOGY**  
**S.N. PALAYAM (Po)-638 506.**  
**GOBI (Tk), ERODE (Dt).**

DATE : 12.05.2023

## INTERNSHIP COMPLETION CERTIFICATE

This is to certify that Mr. Mohan K of B.E Electronics and Communication Engineering – II Year from J.K.K.Munirajah College of Technology, T.N.Palayam has done Project Internship “DESIGN AND IMPLEMENTATION OF ANTI-THEFT IN ATM CENTRE USING HYBRID INTERNET OF THINGS” for a period from 20<sup>th</sup> March to 12<sup>th</sup> May 2023.

He was regular in his attendance and performance was good.



PRINCIPAL  
J.K.K. MUNIRAJAH COLLEGE  
OF TECHNOLOGY  
T.N. PALAYAM (Po)-638 506.  
GOBI (Tk), ERODE (Dt).

For PRAGATI HI TECH CIRCUITS




Proprietor

DATE : 12.05.2023

## INTERNSHIP COMPLETION CERTIFICATE

This is to certify that Mr. Mathankumar M of B.E Electronics and Communication Engineering – II Year from J.K.K.Munirajah College of Technology, T.N.Palayam has done Project Internship "DESIGN AND IMPLEMENTATION OF ANTI-THEFT IN ATM CENTRE USING HYBRID INTERNET OF THINGS" for a period from 20<sup>th</sup> March to 12<sup>th</sup> May 2023.

He was regular in his attendance and performance was good.

  
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DATE : 12.05.2023

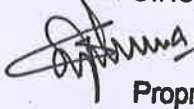
## INTERNSHIP COMPLETION CERTIFICATE

This is to certify that Ms. Narmatha M of B.E Electronics and Communication Engineering – II Year from J.K.K.Munirajah College of Technology, T.N.Palayam has done Project Internship “DESIGN AND IMPLEMENTATION OF ANTI-THEFT IN ATM CENTRE USING HYBRID INTERNET OF THINGS” for a period from 20<sup>th</sup> March to 12<sup>th</sup> May 2023.

She was regular in her attendance and performance was good.

  
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