



## SRI MITTAPALLI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada  
ISO 9001:2015 Certified Institution and Accredited By NAAC NH-16,  
Tummalapalem, Guntur-522233, A.P.

2020-21

Date: 09-06-2021

To  
The SECRETARY,  
Sri Mittapalli College of Engineering,  
Tummalapalem  
Sir,

Sub: Requested for Sanction of budget Rs .3,80,634.00/- Reg.

This is to bring to your kind notice that, the final year students would like to undertake on research projects in the academic year 2020-21 in our college on this note I request you sanction the budget Rs. 3,80,634.00/- under the Research and Development fund. As per our research policy.

This is to bring to your kind notice that the following project proposals are received from faculty & students. The detained budget proposals are given below.

### FACULTY

S.No	Name of the Investigators	Department	Name of the project	Estimated cost
1	Dr. S KANNAN & Mr. AVULA SRIKANTH	CSE	ROLE OF SENSORS IN IOT MEDICAL AND HEALTH CARE APPLICATIONS	67,231.00
2	Mr. DR. KODHINAYAKI E & Mr. GEDELA JAGGA RAO	ECE	IOT BASED GREENHOUSE MONITORING AND CONTROLLING SYSTEM	65,321.00
3	Mrs. NALLAPU MALATHI & Mrs. YAMPATI HARIKA	CSE	IOT BASED WARFIELD SPYING ROBOT	67,325.00
4	Mr. A SRIDAR & Mr. PAPAGANTI JAYABABU	ECE	SMART HOME SECURITY USING IOT	69,543.00
Total				2,69,330.00

## **STUDENTS**

### **Dept. of ECE:**

<b>S.No</b>	<b>Name Of The Project Guide</b>	<b>Name Of Project</b>	<b>Estimated cost</b>
1	POKURI PRAKASH	SMART VILLAGE : SOLAR BASED SMART AGRICULTURE WITH IOT ENBLED FOR CLIMATE CHANGE & FERTILITY OF SOIL	4683.00
2	CHINKA SRIKANYA	IOT BASED SMART PARKING MANGEMENT SYSTEM FOR MODERN CITIES	1468.00
3	EDURI DASARADA RAMI REDDY	IOT BASED FOREST FIRE DETECTION AUTOMATION ROBOT AND AUTO COTROLLING SYSTEM	1460.00
4	KALLURI SUNITHA	" VEHICLE SECURITY AT PARKING AREAS ALONG WITH CHILED PRESENCE DETECTION IN VEHICLES OVER IOT	2115.00
5	GUNTUPALLI SIVA SANKAR	IOT BASED AMBULANCE ALONG WITH THE SIGNAL DENSITY	1830.00
6	AKKI SIVA KRISHNA YADAV	INTELLIGENT BOARDER SECURITY INTRUSION DETECTION AND AUTO DESTROY SYSYTEM USING IOT	5050.00
<b>Total</b>			<b>16,606.00</b>

### **Dept. of CSE:**

<b>S.No</b>	<b>Name Of The Project Guide</b>	<b>Name Of Project</b>	<b>Estimated cost</b>
1	AVULA SRIKANTH	Driver Drowsiness Detection system with open CV and lane detection using CNN	26000.00
2	BAYYANA MRUDULA	Facial Expression Recognition using CNN	18000.00
<b>Total</b>			<b>44,000.00</b>

### **Dept. of Civil:**

<b>S.No</b>	<b>Name Of The Project Guide</b>	<b>Name Of Project</b>	<b>Estimated cost</b>
1	Y Ashok	CONSTRUCTION OF PLASTIC ROADS	4200.00
2	D Kishore	READY MIX CONCRETE	5200.00
3	Akkala Pavani	RETROFITTING BUILDING	5500.00
<b>Total</b>			<b>14,900.00</b>

**Dept of EEE:**

S.No	Name Of The Project Guide	Name Of Project	Estimated cost
1	CHILAKA ADI LAKSHMI	DESIGN AND ANALYSIS OF SOLAR POWER OPTIMIZER FOR DC DISTRIBUTION SYSTEM	3350.00
2	PILLI SAMBA SIVA RAO	ANALYSIS OF IMPLEMENTATION OF AN IMPROVED FLYBACK INVERTER FOR PHOTOVOLTAIC AC MODULE APPLICATIONS	4700.00
3	RAVURI ANUSHA	: DESIGN OF BUCK CONVERTER USING ARDUINO	1100.00
4	DASARI RAVIKUMAR	: DESIGN OF SPEED CONTROL UNIT FOR A DC MOTOR	2650.00
5	TAMMULURI AJAY KUMAR	: SINGLE PHASE TRANSFORMERLESS INVERTER FOR GRID CONNECTED PV SYSTEM	4400.00
<b>Total</b>			<b>16,200.00</b>

**Dept of MECH :**

S. No	Name Of The Project Guide	Name Of Project	Estimated cost
1	MATHE V RAGHAVENDRA RAO	MECHANICAL PICK & PLACE MECHANISM	8275.00
2	GONGATI SUNEEL KUMAR	AUTOMATIC PAPER CUTTING MACHINE USING GENEVA MECHANISM	8048.00
3	PRASADAM HIMA BINDU	Design and Fabrication of Solar Operated Street light	3275.00
<b>Total</b>			<b>19,598.00</b>

Total amount for Faculty Projects: 2,69,330.00/-.

Total amount for Students Projects: 1,11,304.00/-.

Thanking you,

Yours faithfully,  
PRINCIPAL  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dt.), A.P. Pin : 522 233

**IN HOUSE R&D PROJECT  
ON  
SMARTHOMESECURITYUSINGIOT**

Submitted

by

**Mr. A SRIDAR**  
Assistant Professor ECE

**Mr. PAPAGANTI JAYABABU**  
Assistant Professor ECE

**SRI MITTAPALLI COLLEGE OF ENGINEERING**



(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)  
TUMMALAPALEM, NH-16, GUNTUR (Dist),

## SUBMISSION OF PROPOSAL FOR In- House R&D Project

Date: 24-11-2020

### PART-A

1. Board Area : Engineering and Technology
2. Area of Specialization : IOT
3. Title of the project : SMART HOME SECURTY USING IOT
4. Duration : 1 Year
5. Principal Investigator

Name : A SRIDAR

Gender : Male

Qualification : M.Tech

Designation : Assistant Professor

Address

Office : A SRIDAR

Assistant Professor and Mentor of ECE  
Sri Mittapalli College of Engineering, Tummalapalem,  
Guntur (Dist.), Andhra Pradesh- 522233

6. Co-Investigator

Name : PAPAGANTI JAYABABU

Gender : Male

Qualification : M.Tech

Designation : Assistant Professor

Address

Office : PAPAGANTI JAYABABU

Assistant Professor and Mentor of ECE

Sri Mittapalli College of Engineering, Tummalapalem,

Guntur (Dist.), Andhra Pradesh- 522233

## **1. Proposed Research work**

**Project Title:** SMART HOME SECURTY USING IOT

**Introduction:**

Microchip has positioned itself to target the motor control market, where our advanced designs, progressive process technology and industry leading product performance enables us to deliver decidedly superior performance over our competitors, which includes the best of the industry. These products are positioned to provide a complete product solution for embedded control applications found throughout the consumer, automotive and industrial control markets. Microchip products are meeting the unique design requirements of the motion control embedded applications.

### **(i) Objectives**

#### **Broad Objective**

- The broad objective is to design and development of SMART HOME SECURTY USING IOT

#### **Specific Objective**

- In the existing system, IOT that is used in order to control the home appliances where the home appliances are remotely controlled using a web page buttons, where we have to go to the particular link and from there we can press buttons in order to control the home appliance.
- This project proposes Node MCU is installed with an Adafruit account with IFTTT website then adding to Google Assistant for voice commands.
- A USB Mike is provided with the raspberry pi to give the voice commands to control the home appliances

### **Year-Wise Plan of Work and targets to be achieved.**

1<sup>st</sup> year: Further review of literature and continuing research in the area development of home security using it

## 2. Financial Assistance Required

S.No	Item	Estimated Expenditure (Rs)
Non-Recurring		
1	Books and Journals	0.00
2	Equipment	53,243
	a) Node MCU	
	b) Arduino ESP8266	
	c) DC motor	
	d) Node MCU GPIO for LUA	
Recurring		
3	Field work and Travel	6300
4	Contingency(including special needs)	10000
-	Total	69,543

## 3. Any other information which the teacher may like to give in support of this proposal

- In order to save energy and make loads monitored easily, this research suggests smart home project based on IoT technology.
- This smart home is an Internet of Things (IoT) project that controls loads with internet connection via Wireless Fidelity WIFI connection.
- A smart phone connected to internet with Blynk application as a control panel, and NodeMCU microcontroller kit in other side as a controller that receives control commands via WIFI signal
- NodeMCU kit is built with ESP8266 WIFI receiver that able to process and analyze WIFI signal to input the microcontroller.



## REFERENCES

1. Himshekhar Das, L.C. Saikia, -GSM Enabled Smart Energy Meter and Automation of Home Appliances, PP-978-1-4678-6503-1, 2015 IEEE.
2. Ofoegbu Osita Edward, -An Energy Meter Reader with Load Control Capacity and Secure Switching Using a Password Based Relay Circuit, PP-978-1-4799-8311-7, i. \_Annual Global Online Conference on Information and Computer Technology, IEEE 2014.
3. Yingying Cheng, Huaxiao Yang, Ji Xiao, Xingzhe Hou, -Running State Evaluation Of Electric Energy Meter, PP-978-1-4799-4565-8, \_Workshop on Electronics, Computer and Applications, IEEE 2014.
4. Sahana MN, Anjana S, Ankith S, K Natarajan, KR Shobha, -Home energy management leveraging open IoT protocol stack -, PP- 978-1-4673-6670-0, i. \_Recent Advances in Intelligent Computational Systems (RAICS), IEEE 2015.
5. Luigi Martirano, Matteo Manganelli, Danilo Sbordone, \_Design and classification of smart metering systems for the energy diagnosis of buildings, IEEE 2015.
6. J. Widmer, Landis, Billing metering using sampled values according IEC 61850-9-2 for substations, IEEE 2014.
7. Cheng Pang, Valierry Vyatkin, Yinbai Deng, Majidi Sorouri, -Virtual smart metering in automation and simulation of energy efficient lightning system, IEEE 2013.
8. Amit Bhimte, Rohit K. Mathew, Kumaravel S, -Development of smart energy meter in labview for power distribution systems, -IEEE INDICON 2015 15701868811, 2015.
9. H. Arasteh, V. Hosseini, V. Loia, A. Tommasetti, O. Troisi, M. Shafie Khan, P. Siano, -IoT Based Smart Cities: A survey, IEEE 978-1-5090-2320-2/1631.00, 2016.
10. Clement N. NYIRENDRE, Irvine NYANDOWE, Linda SHITUMBAPO, -A comparison of the collection tree protocol (CTP)

**SRI MITTAPALLI COLLEGE OF ENGINEERING**  
**TUMMALAPALEM**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Date: 17<sup>th</sup> April 2021

To  
The principal,  
Sri Mittapalli College of Engineering  
Tummalapalem

Through HOD-ECE

Sir,

Sub: **Expenditure statement – In-House R&D Project- A.Y. 2020–2021 Reg.**

This is to bring to your kind notice that, the project entitled “SMART HOME SECURITY USING IOT” is Proposed to do In-House R & D project for the academic year 2020–2021. I am here with submitting the approximate amount required to meet the requirements of the Equipment purchased and other miscellaneous.

S.No	Equipment	Estimated cost (Rs)
1	<ul style="list-style-type: none"><li>• Node MCU</li><li>• Arduino ESP8266</li><li>• DC motor</li><li>• Node MCU GPIO for LUA</li></ul>	53,243
2	Field Work and Travel	6300
3	Contingency	10,000
	<b>Total</b>	<b>69,543</b>

**Amount (Rs)**

Expenditure towards equipment' 53,243

Thanking you,

  
Yours faithfully,

**Head of the Department**  
HOD  
Electronics & Communication Engineering  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM, NH-16, GUNTUR.

  
Investigator

A SRIDAR

**SRI MITTAPALLI COLLEGE OF ENGINEERING**  
**TUMMALAPALEM**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Date: 17<sup>th</sup> April 2021

To  
The Secretary,  
Sri Mittapalli College of Engineering,  
Tummalapalem

Sir,

Sub: Requested for Sanction of budget Rs. 66,250.00 under In-house R & D – Reg.

This is to bring to your kind notice that, the project entitled "SMART HOME SECUIRTY USING IOT" is approved as In-House R & D in the academic year 2020-2021. Here we are submitting the estimated cost along with required equipment to carry out the project.

S.No	Equipment	Estimated cost (Rs)
1	<ul style="list-style-type: none"><li>Node MCU</li><li>Arduino ESP8266</li><li>DC motor</li><li>Node MCU GPIO for LUA</li></ul>	53,243
2	Field Work and Travel	6300
3	Contingency	10,000
	<b>Total</b>	<b>69,543</b>

Hence, I request you to sanction the budget of Rs 69,543.00 (Rupees) under Research and Development fund. As per our Research policy

Thanking you,

  
Yours faithfully,

PRINCIPAL  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dt.), A.P. Pin : 522 233

**IN HOUSE R&D PROJECT  
ON  
IOTBASED WARFIELDSPYING ROBOT**

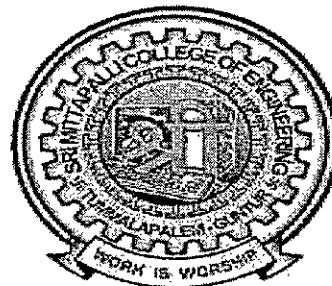
**Submitted**

**by**

**Mrs. NALLAPU MALATHI**  
Assistant Professor CSE

**Mrs. YAMPATI HARIKA**  
Assistant Professor CSE

**SRI MITTAPALLI COLLEGE OF ENGINEERING**



**(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)**  
**TUMMALAPALEM, NH-16, GUNTUR (Dist),**

## SUBMISSION OF PROPOSAL FOR In- House R&D Project

Date: 03-08-2020

### PART-A

1. Board Area : Engineering and Technology
2. Area of Specialization : IOT
3. Title of the project : IOT BASED WAR FIELD SPYING ROBOT
4. Duration : 1 Year
5. Principal Investigator

Name : NALLAPU MALATHI

Gender : Female  
Qualification : M. Tech

Designation : Assistant Professor

Address

Office : NALLAPU MALATHI  
Assistant Professor and Mentor of CSE  
Sri Mittapalli College of Engineering, Tummalapalem,  
Guntur (Dist.), Andhra Pradesh- 522233

6. Co-Investigator :

Name : YAMPATI HARIKA

Gender : Female

Qualification : M.Tech

Designation : Assistant Professor

Address :

Office : YAMPATI HARIKA

Assistant Professor and Mentor of CSE

Sri Mittapalli College of Engineering, Tummalapalem,

Guntur (Dist), Andhra Pradesh- 522233

## **1. Proposed Research work**

**(i) Project Title:** IOT BASED WAR FIELD SPYING ROBOT

**(ii) Introduction:**

With the aim of developing a high-tech technology that serves high speed technology, advanced capacity to control the robots and to devise new methods of control theory. There alive above standards some technical improvement along with the need of high-performance robot is required to create a faster, reliable, accurate and more intelligent robot which can be devised by advanced control algorithm, robot control devices and new drivers. Earlier the robots were controlled through wired networks but now to make robot more users friendly, they are framed to make user commanded work. Therefore to attain therequirements we can use android as a multimedia to control the user friendly robot. Robotics is the branch of mechanical engineering, electrical engineering and computer science that deals with the design, construction, operation and application of robotics, as well as computer systems for their control, sensory feedback and information processing. The aim of developing a high-tech technology serves the purpose of achieving high speed technology, advanced capacity to control the robots and to devise new methods of control theory. The realization of above standards some technical improvement along with the need of high performance robot is required to create a faster , reliable, accurate and more intelligent robot which can be devised by advanced control algorithm, robot control devices and new drivers.

**(i) Objectives**

### **Broad Objective**

The broad objective is to design and development of IOT BASED WAR FIELD SPYING ROBOT

### **Specific Objective**

- Nowadays as there are technological advancements these advancements are used by the military forces for reducing the risk of their casualties and to defeat their enemies.
- With the development of sophisticated technology, it mostly relies on

the high tech weapons or machinery being used.

- Robotics is one of the hot fields of modern age in which the nations are concentrating upon for military purposes in the state of war and peace.
- They have been in use for some time for demining and rescue operations but now they are propelled by using them for combat and spy missions.
- With the aim of satisfying and meeting the changing needs of human from manufacturing unit to the household unit robotics and automation has been a distinct key player throughout.
- This project focuses on building a RF based spying robot attached with wireless camera that can reduce the human victim.
- This robot sends the signal to the base station using wireless camera.
- One of the major application of this project can be analyzed using android based smart phone which can be used to control the movement of the robot.

#### **Year-Wise Plan of Work and targets to be achieved.**

1<sup>st</sup> year : Further review of literature and continuing research in the area development of war field spying robot



## 2. Financial Assistance Required

S.No	Item	Estimated Expenditure (Rs)
Non-Recurring		
1	Books and Journals	
2	Equipment a) Arduino UNO To ATMEGA328 b) L293D Motor Driver c) MQ-2 Gas Sensor d) Buzzer e) Proximity Sensor	51,825
Recurring		
3	Field work and Travel	5500
4	Contingency(including special needs)	10000
	<b>Total</b>	67,325.00

## 3. Any other information which the teacher may like to give in support of this proposal

- In order to save energy and make loads monitored easily, this research suggests smart home project based on IoT technology.
- This smart home is an Internet of Things (IoT) project that controls loads with internet connection via Wireless Fidelity WIFI connection.
- A smart phone connected to internet with Blynk application as a control panel, and NodeMCU microcontroller kit in other side as a controller that receives control commands via WIFI signal
- . NodeMCU kit is built with ESP8266 WIFI receiver that able to process and analyze WIFI signal to input the microcontroller.

## REFERENCES

- [1] HT12D datasheet  
[http://www.eleinmec.com/datasheets/ds\\_holtek\\_ht12d.pdf](http://www.eleinmec.com/datasheets/ds_holtek_ht12d.pdf)
- [2] <http://www.electronicshub.org/remote-operated-spy-robot-circuit/>
- [3] <http://www.scribd.com/doc/222143724/Major-Project-Report-on-War-Field-Spy-Robot#scribd>
- [4] Robert L Boylestad and Louis Nashelsky, "Electronic Device And Circuit Theory", 8<sup>th</sup> edition 2006.
- [5] Mr Lokesh Mehta, Mr. Pawan Sharma "Spy Night Vision Robot with Moving Wireless Video Camera". International journal of research in engineering technology and management (IJRETM), 2014.
- [6] The 8051 microcontroller and embedded system using assembly and C, 2nd edition (ISBN:9780131194021) by Mazidi Muhammad Ali (2008).
- [7] Dhiraj Singh Patel "Mobile Operated Spy Robot" International journal of emerging technology and advanced engineering (IJETA), 2013.

**SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

Date: 07<sup>th</sup> June 2021

To  
The Principal,  
Sri Mittapalli College of Engineering  
Tummalapalem

Through HOD-CSE

Sir,

Sub: Expenditure statement – In-House R&D Project- A.Y. 2020–2021 Reg.

This is to bring to your kind notice that, the project entitled “IOT BASED WAR FIELD SPYING ROBOT” is Proposed to do In-House R & D project for the academic year 2020–2021. I am here with submitting the approximate amount required to meet the requirements of the Equipment purchased and other miscellaneous.

S.No	Equipment	Estimated cost (Rs)
1	<ul style="list-style-type: none"><li>• Arduino UNO To ATMEGA328</li><li>• L293D Motor Driver</li><li>• MQ-2 Gas Sensor</li><li>• Buzzer</li><li>• Proximity Sensor</li></ul>	51,825
2	Field Work and Travel	5,500
3	Contingency	10,000
	<b>Total</b>	<b>67,325.00</b>

Amount (Rs)

Expenditure towards equipment

51,825

Thanking you,

Yours faithfully,

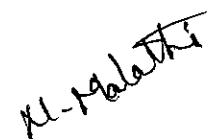
  
HoD

**HEAD**

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

SRI MITTAPALLI COLLEGE OF ENGINEERING

TUMMALAPALEM, GUNTUR-522 233

  
Investigator

NALLAPU MALATHI

**SRI MITTAPALLI COLLEGE OF ENGINEERING**  
**TUMMALAPALEM**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

Date: 07<sup>th</sup> June 2021

To  
The Secretary,  
Sri Mittapalli College of Engineering  
Tummalapalem

Sir,

Sub: Requested for Sanction of budget Rs. 67,325.00.00 under In-house R & D – Reg.

This is to bring to your kind notice that, the project entitled "IOT BASED WAR FIELD SPYING ROBOT" is approved as In-House R & D in the academic year 2020-2021. Here we are submitting the estimated cost along with required equipment to carry out the project.

S.No	Equipment	Estimated cost (Rs)
1	<ul style="list-style-type: none"><li>• Arduino UNO To ATMEGA328</li><li>• L293D Motor Driver</li><li>• MQ-2 Gas Sensor</li><li>• Buzzer</li><li>• Proximity Sensor</li></ul>	51,825
2	Field Work and Travel	5,500
3	Contingency	10,000
	<b>Total</b>	<b>67,325.00</b>

Hence, I request you to sanction the budget of Rs 67,325.00(Rupees) under Research and Development fund. As per our Research policy.

Thanking you.

Yours faithfully,

PRINCIPAL  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dt.), A.P. Pin : 522 233

**IN HOUSE R&D PROJECT  
ON  
IOT BASED GREENHOUSE MONITORING  
AND CONTROLLING SYSTEM**

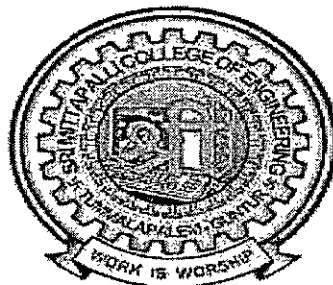
**Submitted**

**by**

**Mr. DR. KODHINAYAKI E**  
Professor ECE

**Mr. GEDELA JAGGA RAO**  
Assistant Professor ECE

**SRI MITTAPALLI COLLEGE OF ENGINEERING**



**(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)**  
**TUMMALAPALEM, NH-16, GUNTUR (Dist.),**

## SUBMISSION OF PROPOSAL FOR In- House R&D Project

Date: 23-10-2020

### PART-A

1. Board Area : Engineering and Technology
2. Area of Specialization : IOT
3. Title of the project : IOT BASED GREEN HOUSE MONITORING AND CONTROLLIG SYSTEM
4. Duration : 1 Year

### 5. Principal Investigator

Name : Dr. KODHINAYAKI E

Gender : MALE

Qualification : M.Tech, PhD

Designation : PROFESSOR AND MENTOR FOR ECE

### Address

Office : Dr. KODHINAYAKI E  
Professor and Mentor of ECE  
Sri Mittapalli College of Engineering, Tummalapalem,  
Guntur (Dist), Andhra Pradesh- 522233

6. Co-Investigator

Name : GEDELA JAGGA RAO

Gender : MALE

Qualification : M.Tech

Designation : Assistant professor

Address

Office : GEDELA JAGGA RAO

Assistant Professor and Mentor of ECE

Sri Mittapalli College of Engineering, Tummalapalem,

Guntur (Dist.), Andhra Pradesh- 522233

## **1. Proposed Research work**

### **(i) Project Title: IOT BASED GREEN HOUSE MONITORING AND CONTROLLING SYSTEM**

#### **(ii) Introduction:**

A greenhouse is mainly used to grow certain types of plants throughout the year or plants that require continuous monitoring to achieve high quality and quantity. At present most of the greenhouses are manually controlled and monitored. This method of greenhouse monitoring is labor intensive and time consuming. The Internet of Things concept can be used in green house to increase the productivity by using various sensors to sense the environmental parameters. The Internet of Things is a network of devices that are connected via internet and together with web services communicate with each other. This project proposes a system to monitor and automatically as well as manually control the system in greenhouse using temperature sensor, humidity sensor, light intensity sensor and soil moisture sensor.

## **Objectives**

### **Broad Objective**

The broad objective is to design and development of IOT Based Green House Monitoring and Controlling System

### **Specific Objective**

- A greenhouse is a structure that is built of walls and a transparent roof and is designed to maintain regulated climatic conditions.
- These structures are used for the cultivation of plants, fruits, and vegetables which require a particular level of sun light, temperature, humidity and soil moisture.
- IOT and Adriano based Green house Environment Monitoring and Controlling Project is designed to maintain these conditions in the greenhouse.



- Greenhouses are controlled area environment to grow plants.
- All environmental parameters are sent to android mobile phone via offline and online.
- A GSM modem is used to send SMS which displays the present status of the environmental parameters.
- The SMS is sent to the user when the sensor value exceeds a defined level.
- All environmental parameters are sent to server through Ethernet and stored in the database. So the user can monitor and control parameters through android mobile.

**Year-Wise Plan of Work and targets to be achieved.**

1<sup>st</sup> year: Further review of literature and continuing research in the area development of Green House Monitoring and Controlling System

## 2. Financial Assistance Required

S.No	Item	Estimated Expenditure (Rs)
Non-Recurring		
1	Books and Journals	0
2	Equipment <ul style="list-style-type: none"><li>• nanofarad capacitor.</li><li>• ARDUINO UNO BOARD</li><li>• Arduino Uno to ATmega328 Pin</li></ul>	50,321
Recurring		
3	Field work and Travel	6000
4	Contingency(including special needs)	9000
	<b>Total</b>	65321

## 3. Any other information which the teacher may like to give in support of this proposal

- In order to save energy and make loads monitored easily, this research suggests smart home project based on IoT technology.
- This smart home is an Internet of Things (IoT) project that controls loads with internet connection via Wireless Fidelity WIFI connection.
- A smart phone connected to internet with Blynk application as a control panel, and NodeMCU microcontroller kit in other side as a controller that receives control commands via WIFI signal
- . NodeMCU kit is built with ESP8266 WIFI receiver that able to process and analyze WIFI signal to input the microcontroller.

## REFERENCES

- [1] Ji-chun Zhao, Jun-feng Zhang, Yu Feng, Jian-xin Guo, "The Study and Application of the IOT Technology in Agriculture", Computer Science

and Information Technology (ICCSIT), 2010 3rd IEEE International Conference, 9-11 July 2010.

[2] Cui Wenshun, Cui Shuo, Yuan Lizhe, Shang Jiancheng, "Design and implementation of sunlight greenhouse service platform based on IOT and cloud computing", 2nd International Conference on Measurement, Information and Control (ICMIC), August 2013, Vol. 01, pp. 141-144.

[3] Rangan K. and T. Vigneswaran, "An Embedded systems approach to monitor greenhouse", IEEE Conference on Recent Advances in Space Technology Services and Climate Change (RSTSCC), 2010, pp. 61-65.

[4] Prakash H. Patil, Chaitali Borse, Snehal Gaikwad and Shilpa Patil, "Greenhouse Monitoring System Using GSM", International Journal of Scientific & Engineering Research, 2013, Vol. 4, Issue 6.

[5] Arduino Uno Rev3. Available: <https://www.arduino.cc>.

[6] ESP8266 Overview. Available: [www.espressif.com](http://www.espressif.com).

**SRI MITTAPALLI COLLEGE OF ENGINEERING**  
**TUMMALAPALEM**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Date: 23 march 2021

To  
The Principal,  
Sri Mittapalli College of Engineering  
Tummalapalem

Through HOD-ECE

Sir,

Sub: Expenditure statement – In-House R&D Project- A.Y. 2020–2021 Reg.

This is to bring to your kind notice that, the project entitled "IOT BASED GREEN HOUSE MONITORING AND CONTROLLIG SYSTEM" is Proposed to do In-House R & D project for the academic year 2020–2021. I am here with submitting the approximate amount required to meet the requirements of the Equipment purchased and other miscellaneous.

S.No	Equipment	Estimated cost (Rs)
1	<ul style="list-style-type: none"><li>nanofarad capacitor.</li><li>ARDUINO UNO BOARD<ul style="list-style-type: none"><li>Arduino Uno to ATmega328 Pin</li></ul></li></ul>	50,321
2	Field Work and Travel	6000
3	Contingency	9000
	<b>Total</b>	<b>65321</b>

Amount (Rs)

Expenditure towards equipment

50,321.00

Thanking you,

Yours faithfully,

Head of the Department  
Electronics & Communication Engineering  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM, NH-16, GUNTUR.

Investigator

Dr. KODHINAYAKI E

**SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Date: 23 march 2021

To  
The Secretary,  
Sri Mittapalli College of Engineering,  
Tummalapalem

Sir,

Sub: Requested for Sanction of budget Rs. 49,565.00 under In-house R & D -- Reg.

This is to bring to your kind notice that, the project entitled "IOT BASED GREEN HOUSE MONITORING AND CONTROLLIG SYSTEM" is approved as In-House R & D in the academic year 2020-2021. Here we are submitting the estimated cost along with required equipment to carry out the project.

S.No	Equipment	Estimated cost (Rs)
1	<ul style="list-style-type: none"><li>nanofarad capacitor.</li><li>ARDUINO UNO BOARD<ul style="list-style-type: none"><li>Arduino Uno to ATmega328 Pin</li></ul></li></ul>	50,321
2	Field Work and Travel	6000
3	Contingency	9000
	<b>Total</b>	<b>65321</b>

Hence, I request you to sanction the budget of Rs 65,321 .00 (Rupees) under Research and Development fund.  
As per our Research policy

Thanking you,

Yours faithfully,

PRINCIPAL  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM. N-4  
Guntur (Dt.), A.P. Pin : 5.

**IN HOUSE R&D PROJECT**  
**ON**  
**ROLE OF SENSORS IN IOT MEDICAL AND HEALTH CARE APPLICATIONS**

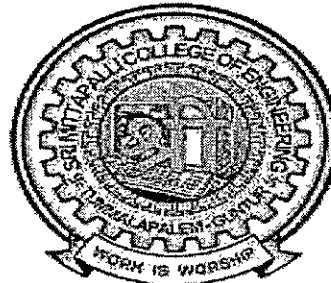
**Submitted**

**by**

**Dr. S KANNAN**  
**Professor CSE**

**Mr. AVULA SRIKANTH**  
**Assistant Professor CSE**

**SRI MITTAPALLI COLLEGE OF ENGINEERING**



**(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)**  
**TUMMALAPALEM, NH-16, GUNTUR (Dist**

## SUBMISSION OF PROPOSAL FOR In- House R&D Project

Date: 20-10-2020

### PART-A

1. Board Area : Engineering and Technology
2. Area of Specialization : IOT
3. Title of the project : ROLE OF SENSORS IN IOT MEDICAL AND HEALTH CARE APPLICATIONS

4. Duration : 1 Year

### 5. Principal Investigator

Name : Dr S KANNAN

Gender : Male

Qualification : M. Tech

Designation : Professor

Address

Office : Dr S KANNAN

Professor and Mentor of CSE

Sri Mittapalli College of Engineering, Tummalapalem,

Guntur(Dist), Andhra Pradesh- 522233

6. Co-Investigator

Name : AVULA SRIKANTH

Gender : Male

Qualification : M.Tech

Designation : Assistant Professor

Address

Office : AVULA SRIKANTH

Assistant Professor and Mentor of CSE

Sri Mittapalli College of Engineering, Tummalapalem,

Guntur(Dist), Andhra Pradesh- 522233



## **1. Proposed Research work**

**Project Title:** ROLE OF SENSORS IN IOT MEDICAL AND HEALTH CARE APPLICATIONS

### **Introduction**

An Embedded system is a combination of computer firm ware and hardware, fixed in capability or programmable, designed for a specific function or functions within a larger system.

An embedded system is a controller with a dedicated function within a larger mechanical or electrical system, often with real-time computing constraints. It is embedded as part of a complete device often including hardware and mechanical parts. Embedded systems control many devices in common use today. Ninety -eighty percent of all micro processors manufactured are used in embedded systems.

Since the embedded system is dedicated to specific tasks, design engineers can optimize it to reduce the size and cost of the product and increase the reliability and performance. Some embedded systems are mass-produced, benefiting from economies of scale

### **Objectives**

**Broad Objective:** The broad objective is to design and development of role of sensors in IOT medical and health care applications

#### **Specific Objective**

In this system, the sensors are connected to microcontroller in this process. The GPRS module is connected through UART of the microcontroller providing serial data to microcontroller. The pulse sensor provides the Pulse readings to the controller. Similar to other sensor connected to the patient. These values are displayed on the LCD by the microcontroller. If the PULSE values exceed their threshold values an alert is given. The data collected by controller is placed on the server by using GSM/GPRS Modem. The data placed in the web page can be accessed anywhere by the doctor and nurse.

#### **Year-Wise Plan of Work and targets to be achieved.**

1<sup>st</sup> year : Further review of literature and continuing research in the area development of medical and health care applications

## 2. Financial Assistance Required

S.No	Item	Estimated Expenditure (Rs)
Non-Recurring		
1	Books and Journals	0
2	Equipment ARDUINO UNO Rectifier SENSORS	52,231
Recurring		
3	Field work and Travel	5000
4	Contingency (including special needs)	10000
	<b>Total</b>	67,231

## 3. Any other information which the teacher may like to give in support of this proposal

- In order to save energy and make loads monitored easily, this research suggests smart home project based on IoT technology.
- This smart home is an Internet of Things (IoT) project that controls loads with internet connection via Wireless Fidelity WIFI connection.
- A smart phone connected to internet with Blynk application as a control panel, and NodeMCU microcontroller kit in other side as a controller that receives control commands via WIFI signal
- NodeMCU kit is built with ESP8266 WIFI receiver that able to process and analyze WIFI signal to input the microcontroller.

## REFERENCE :

- [1] Z. Zhiao, Chnaowei, and z. Nakdahira, ``Healthcare application based on InternetofThings,"inProc.IEETInt.ConfE.on.Technolgy.Application.,Nov.2013,pp.661662.
- [2] Kortoom,,Y.Kaiseer,N.Fittop,andD.ramamoorthy,``Cannymattersasconst ructionbrickssforapplicationofInternetofThings,"IEE-  
EInterneNetworksandtComput.,vol.17,
- [3] Z. Achmed and G. Miguel, "Assimilating Wirel-ess Sensing Nets with Cloud&Computing," 2010 SixtthInnt. Confe. Mobi. Ad-hocc Sense. Netks, pp. 263–266, Oct.2010.
- [4] D.InfanZntaandHemalattha,“AugmentingAuthorisationConstructionOFS  
afekeepingwithzIG-  
bEEusingRfID,”Vol5,No.4.[5][https://en.wikipedia.org/wiki/Passive\\_inIoT\\_infrared\\_sensor](https://en.wikipedia.org/wiki/Passive_inIoT_infrared_sensor)
- [6]<http://ieeexplore.ieeesorg/document/7917920/Heealthcaresurveyincludingthenetworksandarchitecture>[7]<http://continuum.ieee..org/techies-talking/telecomm/int/-internetwork-of-things-IOT-fore-cast-of-60-billion-devices-by-2021-is-new>
- [8]TarushiWasson;TanupriyaChoudhury; ShilpiSharma;PraveenKumar ,IntegrationofRFIDandsensorinagricultureusingIOT,2017InternationalConfer  
enceOn SmartTechnologies For SmartNation (SmartTechCon) [9]Gauri  
Garg; ShilpiSharma; Tanupriya Choudhury; Praveen Kumar,Crop  
productivity based on  
IoT,2017InternationalConferenceOnSmartTechnologiesForSmartNation(Sma  
rtTechCon)
- [10] Tanupriya Choudhury; Ayushi Gupta; Saurabh Pradhan; Praveen  
Kumar; YogeshSinghRathore,PrivacyandSecurityofCloud-  
BasedInternetofThings(IoT),,20173rdInternationalConferenceonComputatio  
nalIntelligenceandNetworks(CINE)

**SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

Date: 16<sup>th</sup> March 2021

To  
The Principal,  
Sri Mittapalli College of Engineering,  
Tummalapalem

Through HOD-CSE

Sir,

Sub: Expenditure statement – In-House R&D Project- A.Y. 2020–2021 Reg.

This is to bring to your kind notice that, the project entitled “**ROLE OF SENSORS IN IOT MEDICAL AND HEALTH CARE APPLICATIONS**” is Proposed to do In-House R & D project for the academic year 2020–2021. I am here with submitting the approximate amount required to meet the requirements of the Equipment purchased and other miscellaneous.

S.No	Equipment	Estimated cost (Rs)
1	ARDUINO UNO Rectifier SENSORS	52231
2	Field Work and Travel	5000
3	Contingency	10000
	<b>TOTAL</b>	<b>67,231</b>

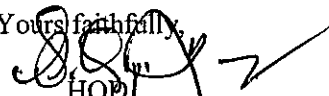
Amount (Rs)

Expenditure towards equipment

52,231

Thanking you,

Yours faithfully,

  
HOD  
**HEAD**

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
NH-16, THUMMALAPALEM, GUNTUR-522 233

Investigator

Dr S KANNAN

**SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

Date: 16<sup>th</sup> March 2021

To  
The Secretary,  
Sri Mittapalli College of Engineering,  
Tummalapalem

Sir,

Sub: Sanction of budget Rs. 67,231.00 under In-house R & D – Reg.

This is to bring to your kind notice that, the project entitled "ROLE OF SENSORS IN IOT MEDICAL AND HEALTHCARE APPLICATIONS" is approved as In-House R & D in the academic year 2020-2021. Here we are submitting the estimated cost along with required equipment to carry out the project.

S.No	Equipment	Estimated cost (Rs)
1	ARDUINO UNO Rectifier SENSORS	52231
2	Field Work and Travel	5000
3	Contingency	10000
	<b>TOTAL</b>	<b>67,231</b>

Hence, I request you to sanction the budget of Rs.67,231 (Rupees) under Research and Development fund.  
As per our Research policy.

Thanking you,

Yours faithfully,

PRINCIPAL

(Dr. P.V. NAGANJANEYULU)

PRINCIPAL

**SRI MITTAPALLI COLLEGE  
OF ENGINEERING**

**TUMMALAPALEM, NH-5**

Guntur (Dt.), A.P. Pin : 522 234

Guntur,

Date: 10-01-2021

TO

THE PRINCIPAL,

SRI MITTAPALLI COLLEGE OF ENGINEERING,

GUNTUR- 522233.

**Sub:** Requesting for the Budget Proposal for the Research Project undertake – Reg

Respected Sir,

It is here by to bring you kind notice that the final year students would like to undertake on research projects in academic year 2020-21 in our college. On this note, we request you to sanction the required amount for successful completion of the research project.

The details of the material and amount required are as follows:

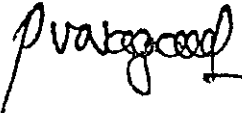
S NO	NAME OF PROJECT	AMOUNT REQUIRED
1	SMART VILLAGE : SOLAR BASED SMART AGRICULTURE WITH IOT ENBLED FOR CLIMATE CHANGE & FERTILITY OF SOIL	4683.00
2	IOT BASED SMART PARKING MANGEMENT SYSTEM FOR MODERN CITIES	1468.00
3	IOT BASED FOREST FIRE DETECTION AUTOMATION ROBOT AND AUTO COTRLLING SYSTEM	1460.00
4	" VEHICLE SECURITY AT PARKING AREAS ALONG WITH CHILED PRESENCE DETECTION IN VEHICLES OVER IOT	2115.00
5	IOT BASED AMBULANCE ALONG WITH THE SIGNAL DENSITY	1830.00
6	INTELLIGENT BOARDER SECURITY INTRUSION DETECTION AND AUTO DESTROY SYSYTEM USING IOT	5050.00
Total:		16606.00

Thanking you sir,

  
Head of the Department

Head of the Department

Electronics & Communication Engineering  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM, NH-16, GUNTUR.

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM NH-5  
Guntur (Dist) W.P. Pin : 522 235

Guntur,

Date: 03/01/24

To

The Head of the Department,

Department of ECE,

Sri Mittapalli College of Engineering,

Guntur-522233.

Sub: Budget Proposal for In-House B.Tech Project Completion - Reg

We, the 4<sup>th</sup> year 2<sup>nd</sup> semester students of department of electronics and communication engineering, as part of course work it is mandatory to complete the project work. In order to full fill this as per the directions of Project Review Committee the following topic is selected.

Name of the Topic: Smart village: Solar based smart agriculture with IOT enabled for climatic change & fertilization of soil

Requirements:

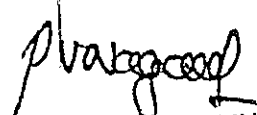
- 1) Sensors for soil scanning & water
- 2) Light
- 3) Humidity
- 4) Temperature management


Budget Proposed: Rs. 4683/-

Signature of the Students:

- 1) A. Pavan Kumar (17U91A0401)
- 2) M. Sidharan (17U91A0436)
- 3) CH. Sumithra (17U91A0410)
- 4) E. Raja Pruthi (17U91A0412)

  
Project Guide

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM NH-16  
Guntur (D.L.), A.P. Pin - 522 233

  
Head of the Department  
Head of the Department  
Electronics & Communication Engineering  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM, NH-16, GUNTUR.


Sub: Requesting for the Budget Proposal for the Research Project undertake – Reg  
Respected Sir,

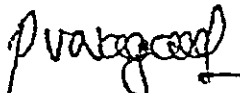
It is here by to bring you kind notice that the final year students would like to undertake on research project on " **SMART VILLAGE : SOLAR BASED SMART AGRICULTURE WITH IOT ENBLED FOR CLIMATE CHANGE & FERTILITY OF SOIL** in our college. On this note, we request you to sanction the required amount for successful completion of the research project. The details of the material and amount required are as follows:

S. No	Material Required	Amount Required
1	Sensor for soil scanning & water KIT	4000
2	Light	40
3	Humidity sensor	150
4	Temperature Management sensor	180
5	Wires	100
6	Beard Board	80
7	PCB	100
8	Resistor	18
9	Capacitor	15
TOAL:		4683.00

Thanking you sir,

Yours Sincerely,

  
(HOD)  
Head of the Department  
Electronics & Communication Engineering  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM, NH-16, GUNTUR.

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM NH-5  
Guntur (DLA.P. Pin. - 522 233)



Guntur,

Date: 07/01/21

To

The Head of the Department,

Department of ECE,

Sri Mittapalli College of Engineering,

Guntur-522233.

Sub: Budget Proposal for In-House B.Tech Project Completion - Reg

We, the 4<sup>th</sup> year 2<sup>nd</sup> semester students of department of electronics and communication engineering, as part of course work it is mandatory to complete the project work. In order to full fill this as per the directions of Project Review Committee the following topic is selected.

Name of the Topic: IoT Based Smart Parking Management System For modern Cities.

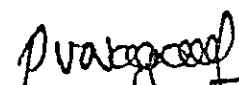
Requirements:


- |                             |                        |                                |
|-----------------------------|------------------------|--------------------------------|
| 1. AT-Mega Micro controller | 7. Transistor          | <u>Software:</u>               |
| 2. IR- Transmitter Receiver | 8. Cables & Connectors | 1. Arduino compiler            |
| 3. Dc motor                 | 9. Diodes              |                                |
| 4. Crystal Oscillator       | 10. PCB & Bread Boards | 2. MC programming languages C. |
| 5. Resistor                 | 11. LED                |                                |
| 6. Capacitor                | 12. Transformer        |                                |
| Budget Proposed: Rs. 1468/- | 13. Push buttons       | 3. IOT Gecko                   |
|                             | 14. IC & IC sockets    |                                |

Signature of the Students:

- 1) M Murthy Sankar (17U91A0435)
- 2) G. Mahesh babu (17U91A0415)
- 3) K. Jayanth Kumar (17U91A0428)
- 4) K. Gayatri (17U91A0432)

Project Guide

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dt.). A.P. Pin : 522 233

  
Head of the Department  
Head of the Department  
Electronics & Communication Engineering  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM, NH-16, GUNTUR.

Guntur,  
Date: 10-01-2021


TO  
THE PRINCIPAL,  
SRI MITTAPALLI COLLEGE OF ENGINEERING,  
GUNTUR- 522233.

Sub: Requesting for the Budget Proposal for the Research Project undertake – Reg  
Respected Sir,

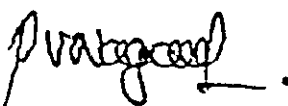
It is here by to bring you kind notice that the final year students would like to undertake on research project ion " IOT BASED SMART PARKING MANGEMENT SYSTEM FOR MODERN CITIES "in our college. On this note, we request you to sanction the required amount for successful completion of the research project. The details of the material and amount required are as follows:

S. No	Material Required	Amount Required
1	Atmega Microcontroller	450
2	I R Transmitter Receiver	150
3	DC Motor	250
4	LCD Display	100
5	Crystal Oscillator	100
6	Resistors	18
7	Capacitors	15
8	Transistors	20
9	Cables and Connectors	40
10	Diodes	15
11	PCB and Breadboards	120
12	LED	20
13	Transformer/Adapter	150
14	Push Buttons	10
15	Switch	10
16	IC	20
TOAL:		1468.00

Thanking you sir,

Yours Sincerely,  
  
(HOD)

Head of the Department  
Electronics & Communication Engineering  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM, NH-16, GUNTUR.

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM NH-16  
Guntur-522233

Guntur,

Date: 07/01/21

To

The Head of the Department,

Department of ECE,

Sri Mittapalli College of Engineering,

Guntur-522233.

Sub: Budget Proposal for In-House B.Tech Project Completion - Reg

We, the 4<sup>th</sup> year 2<sup>nd</sup> semester students of department of electronics and communication engineering, as part of course work it is mandatory to complete the project work. In order to full fill this as per the directions of Project Review Committee the following topic is selected.

Name of the Topic: IoT Based forest fire detection Autonomous Robot and Auto controlling system.

Requirements:

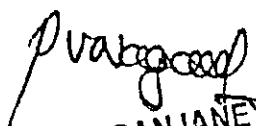
- 1) Arduino Nano
- 2) SIM800L GPS/GPRS Module
- 3) 3.7V Li-ion Battery
- 4) Flame sensor.
- 5) Dot matrix perf board


Budget Proposed: Rs 1460=00/-

Signature of the Students:

- 1) S. Ajeetha (17U91A0462)
- 2) C. Lakshmi Tejaswini (17U91AD415)
- 3) N. Divisha (17U91A0444)
- 4) S. Anirash (17U91AD459)

Project Guide

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM NH-5  
(Guntur) Dist: AP Pin Code 5233

  
Head of the Department  
Head of the Department  
Electronics & Communication Engineering  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM, NH-16, GUNTUR.

Guntur,

Date: 10-01-2021

TO

THE PRINCIPAL,

SRI MITTAPALLI COLLEGE OF ENGINEERING,

GUNTUR- 522233.

Sub: Requesting for the Budget Proposal for the Research Project undertake – Reg  
Respected Sir,

It is here by to bring you kind notice that the final year students would like to undertake on research project on "IOT BASED FOREST FIRE DETECTION AUTOMATION ROBOT AND AUTO COTROLLING SYSTEM" in our college. On this note, we request you to sanction the required amount for successful completion of the research project. The details of the material and amount required are as follows:

S. No	Material Required	Amount Required
1	Arduino Nano	180
2	SIM800L GPS/GPRS Module	500
3	3.7V Li-ion Battery	25
4	Flame sensor	190
5	Dot matrix Perf board	200
6	Resistors	20
7	Capacitors	10
8	Transistors	50
9	Cables and Connectors	150
10	Diodes	15
11	PCB and Breadboards	100
12	LED	20
TOTAL:		1460.00

Thanking you sir,

Yours Sincerely,

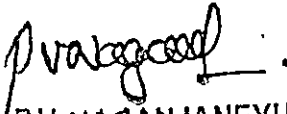
(MOD)

Head of the Department

Electronics & Communication Engineering

SRI MITTAPALLI COLLEGE OF ENGINEERING

TUMMALAPALEM, NH-16, GUNTUR.

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM NH-16  
Guntur (Dist. Guntur, Pin: 522 238)

Guntur,

Date: 07/01/21

To

The Head of the Department,

Department of ECE,

Sri Mittapalli College of Engineering,

Guntur-522233.

**Sub: Budget Proposal for In-House B.Tech Project Completion - Reg**

We, the 4<sup>th</sup> year 2<sup>nd</sup> semester students of department of electronics and communication engineering, as part of course work it is mandatory to complete the project work. In order to full fill this as per the directions of Project Review Committee the following topic is selected.

Name of the Topic: Vehicle security at parking areas along with child presence detection in vehicles over IOT.

Requirements:

Hardware system:

1. microcontroller, ARM 7
2. Temperature sensor (LM35)
3. Child presence detector (Pir sensor)
4. sound sensor
5. Liquid crystal Display (LCD)
6. GSM Module

Budget Proposed: Rs. 2115/-


software system


1. MDK-ARM Keil uVision

Signature of the Students:

- 1) G. Jyoti Bhi (17091A0420)
- 2) J. Sindhu (17091A0424)
- 3) C. Yeshwan Kumar (17091A0412)
- 4) G. praveethi (17091A0417)

  
Project Guide

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dt.), A.P. Pin : 522 233

  
Head of the Department  
Head of the Department  
Electronics & Communication Engineering  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM, NH-16, GUNTUR.

Guntur,  
Date: 0

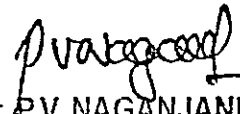
TO  
THE PRINCIPAL,  
SRI MITTAPALLI COLLEGE OF ENGINEERING,  
GUNTUR- 522233.

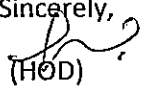
Sub: Requesting for the Budget Proposal for the Research Project undertake – Reg  
Respected Sir,

It is here by to bring you kind notice that the final year students would like to undertake on research project on “ **VECHICLE SECURITY AT PARKING AREAS ALONG WITH CHILED PRESENCE DETECTION IN VEHICLES OVER IOT**” in our college. On this note, we request you to sanction the required amount for successful completion of the research project. The details of the material and amount required are as follows:

S. No	Material Required	Amount Required
1	MICROCONTROLLER,ARM7	400
2	TEMPERATURE SENSOR(LM35)	200
3	CHILD PRESENCE DETECTOR (FORCE SENSOR)	600
4	SOUND SENSOR	250
5	LIQUID CRYSTAL DISPLAY (LCD)	150
6	GSM MODULE	150
7	Resistors	20
8	Capacitors	10
9	Transistors	50
10	Cables and Connectors	150
11	Diodes	15
12	PCB and Breadboards	100
13	LED	20
TOTAL:		2115.00

Thanking you sir,

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dt.), A.P. Pin : 522 233

Yours Sincerely,  
  
(HOD)  
Head of the Department  
Electronics & Communication Engineering  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM, NH-16, GUNTUR.

Guntur,

Date: 07/01/21

To

The Head of the Department,

Department of ECE,

Sri Mittapalli College of Engineering,

Guntur-522233.

Sub: Budget Proposal for In-House B.Tech Project Completion - Reg

We, the 4<sup>th</sup> year 2<sup>nd</sup> semester students of department of electronics and communication engineering, as part of course work it is mandatory to complete the project work. In order to full fill this as per the directions of Project Review Committee the following topic is selected.

Name of the Topic: IOT based ambulance/emergency vehicles route clearing system along with signal density.

Requirements:

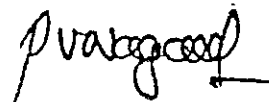
1. GSM module
2. Arduino Uno
3. Smart ambulance (12v)
4. GSM SIM 900A modem
5. Connecting wires
6. Inbuilt GPS system.
7. GPS module NEO 6M
8. GSM SIM 900A
9. ENPIF


Budget Proposed: Rs 1830/-

Signature of the Students:

- 1) Ch. Srinivas Rao (17U91A0411)
- 2) M. Meghan (17U91A0441)
- 3) M. Nagaraj (17U91A0439)
- 4) B. Tejaswini (17U91A0405)

P. Ashok  
Project Guide

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dt.) A.P. Pin : 522 233

  
Head of the Department  
Head of the Department  
Electronics & Communication Engineering  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM, NH-16, GUNTUR.

TO  
THE PRINCIPAL,  
SRI MITTAPALLI COLLEGE OF ENGINEERING,  
GUNTUR- 522233.

Guntur,  
Date: 10-01-21

Sub: Requesting for the Budget Proposal for the Research Project undertake – Reg  
Respected Sir,

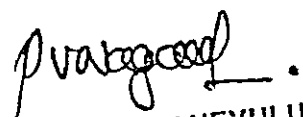
It is here by to bring you kind notice that the final year students would like to undertake on research project on " IOT BASED AMBULANCE ALONG WITH THE SIGNAL DENSITY " in our college. On this note, we request you to sanction the required amount for successful completion of the research project. The details of the material and amount required are as follows:

S. No	Material Required	Amount Required
1	GSM MODULE	300
2	ARDUNIO UNO	400
3	SMART AMBULANCE	300
4	GSM SIN 900A MODEM	150
5	CONNECTING WIRES	80
6	INBUILED GPS SYSTEM	250
7	GPS MODULS	150
8	GSM 900A	100
9	END IF	100
TOTAL:		1830.00

Thanking you sir,

Yours Sincerely,  
(HOD)

Head of the Department  
Electronics & Communication Engineering  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM, NH-16, GUNTUR.

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (DL), A.P. Pin : 522 233



Guntur,

Date: 07/01/21

To

The Head of the Department,

Department of ECE,

Sri Mittapalli College of Engineering,

Guntur-522233.

**Sub:** Budget Proposal for In-House B.Tech Project Completion - Reg

We, the 4<sup>th</sup> year 2<sup>nd</sup> semester students of department of electronics and communication engineering, as part of course work it is mandatory to complete the project work. In order to full fill this as per the directions of Project Review Committee the following topic is selected.

Name of the Topic: Intelligent Border security intrusion detection.

Requirements: and Auto destroy system using IoT.

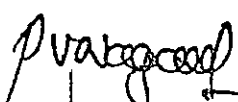
1. Autonomous systems
2. Unmanned aerial vehicle
3. IoT
4. Sensor
5. Border security
6. Artificial intelligence
7. Intrusion Detection system
8. PIR sensor
9. Sonar sensor
10. Drone
11. Arduino
12. Connecting wires


Budget Proposed: Rs. 5050/-

Signature of the Students:

- 1) J. Vijayalakshmi (17U91A0425)
- 2) K. Venkum Ramiah (17U91A0427)
- 3) K. Saihari Babu (17U91A0430)
- 4) B. Subhakar Reddy (17U91A0408)

  
Project Guide

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dt.), A.P. Pin : 522 233

  
Head of the Department  
Head of the Department  
Electronics & Communication Engineering  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM, NH-16, GUNTUR.

Guntur,  
Date:

TO  
THE PRINCIPAL,  
SRI MITTAPALLI COLLEGE OF ENGINEERING,  
GUNTUR- 522233.

Sub: Requesting for the Budget Proposal for the Research Project undertake – Reg  
Respected Sir,

It is here by to bring you kind notice that the final year students would like to undertake on research project on " **INTELLIGENT BOARDER SECURITY INTRUSION DETECTION AND AUTO DESTROY SYSYTEM USING IOT** " in our college. On this note, we request you to sanction the required amount for successful completion of the research project. The details of the material and amount required are as follows:

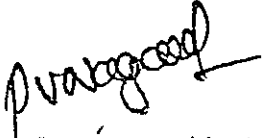
S. No	Material Required	Amount Required
1	AUTOMOUS SYSTEM	500
2	UNMANNED AERIAL VECHICLE	200
3	IOT	150
4	SENSORS	100
5	BOARD SECURITY	100
6	ARTIFICIAL INTELLIGENCE	200
7	INTRUSION DETECTION SYSTEM	200
8	PIR SENSOR	150
9	SONAR SENSOR	150
10	DRONE	3000
11	ARDUNIO	200
12	CONNECTING WIRES	100
TOTAL:		5050.00

Thanking you sir,

Yours Sincerely,

(HOD)

**Head of the Department**  
Electronics & Communication Engineering  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM, NH-16, GUNTUR.

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-16  
Guntur (Dist. AP) PIN : 522 233

Guntur,

Date: 11-02-2021

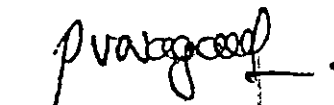
TO  
THE PRINCIPAL,  
SRI MITTAPALLI COLLEGE OF ENGINEERING,  
GUNTUR- 522233.


**Sub:** Requesting for the Budget Proposal for the Research Project undertake – Reg  
Respected Sir,

It is here by to bring you kind notice that the final year students would like to undertake on research projects in academic year **2020-21** in our college. On this note, we request you to sanction the required amount for successful completion of the research project. The details of the material and amount required are as follows:

S NO	NAME OF PROJECT	AMOUNT REQUIRED
1	DESIGN AND ANALYSIS OF SOLAR POWER OPTIMIZER FOR DC DISTRIBUTION SYSTEM	3350.00
2	ANALYSIS OF IMPLEMENTATION OF AN IMPROVED FLYBACK INVERTER FOR PHOTOVOLTAIC AC MODULE APPLICATIONS	4700.00
3	: DESIGN OF BUCK CONVERTER USING ARDUINO	1100.00
4	: DESIGN OF SPEED CONTROL UNIT FOR A DC MOTOR	2650.00
5	: SINGLE PHASE TRANSFORMERLESS INVERTER FOR GRID CONNECTED PV SYSTEM	4400.00
Total:		16200.00

Thanking you sir,

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dt.), A.P. Pin : 522 233

  
Head of the Department  
HOD  
DEPT. OF EEE  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM, GUNTUR - 522 233

Guntur,

Date: 11-02-2020

To  
The Head of the Department,  
Department of EEE,  
Sri Mittapalli College of Engineering,  
Guntur - 522233.

**Sub:** Budget Proposal for In-House B.Tech project Completion - Reg

We the 4<sup>th</sup> year 2<sup>nd</sup> semester students of Department of Electrical and Electronics Engineering, as part of course work, it is mandatory to complete the project work. In order to fulfill this as per the directions of project review committee the following topic is selected.

Name of the Topic **DESIGN AND ANALYSIS OF SOLAR POWER OPTIMIZER FOR DC DISTRIBUTION SYSTEM**

Requirements and Budget Proposed:

S.NO	Component Name	Quantity	Amount (Rs)
1	SOLAR PANEL	1	1000
2	BATTERIES	1	700
3	LCD	1	100
4	Buzzer	1	50
5	INVERTER		1500
TOTAL:			3350.00

Name and Signature of the Students:

17U91A0201 CHANDA DURGA PRASAD  
17U91A0204 MATCHA SIRISHA  
17U91A0210 SHAIK NASAR VALI  
18U95A0202 BATHULA RAGHAVENDRA

*Dr. Durga Prasad*  
*Dr. Sirisha*  
*Dr. Nasar*  
*B. Raghavendra*

*P. V. Naganjaneyulu*  
Project Guide  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM  
Guntur (Dist. A.P. Pin: 522 233)

*[Signature]*  
Head of the Department  
HOD  
DEPT. OF EEE  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM, GUNTUR - 522 233

Guntur,

Date: 11-02-2020

To

The Head of the Department,

Department of EEE,

Sri Mittapalli College of Engineering,

Guntur - 522233.

**Sub:** Budget Proposal for In-House B.Tech project Completion - Reg

We the 4<sup>th</sup> year 2<sup>nd</sup> semester students of Department of Electrical and Electronics Engineering, as part of course work, it is mandatory to complete the project work. In order to fulfill this as per the directions of project review committee the following topic is selected.

**Name of the Topic : ANALYSIS OF IMPLEMENTATION OF AN IMPROVED FLYBACK INVERTER FOR PHOTOVOLTAIC AC MODULE APPLICATIONS**

Requirements and Budget Proposed:

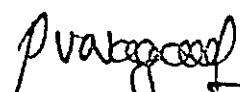
S.NO	Component Name	Quantity	Amount (Rs)
1	INVERTER	1	2500
2	STEP DOWN TRANSFORMER	1	2000
3	LCD	1	100
4	Buzzer	1	50
5	BLUB	1	50
TOTAL:			4700.00

Name and Signature of the Students:

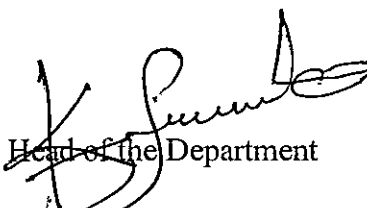
17U91A0202 DERANGULA THARAKA  
RAMUDU  
17U91A0209 SHAIK ABDUL BASITH AZAMI  
18U95A0213 NAKKALA THIRUMALA DEVI  
18U95A0205 GUNTI RAJESH BABU  
18U95A0211 PENTYALA HARI KRISHNA

D. Tharaka Ramudu  
S. Abdul Basith Azami  
N. Thirumala Devi  
G. Rajesh Babu  
P. Hari Krishna

Project Guide

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dist.), A.P. Pin : 522 233

Head of the Department

  
HOD  
DEPT. OF EEE  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMALAPALEM, GUNTUR - 522 233

Guntur,

Date: 11-02-2020

To

The Head of the Department,

Department of EEE,

Sri Mittapalli College of Engineering,

Guntur - 522233.

**Sub:** Budget Proposal for In-House B.Tech project Completion - Reg

We the 4<sup>th</sup> year 2<sup>nd</sup> semester students of Department of Electrical and Electronics Engineering, as part of course work, it is mandatory to complete the project work. In order to fulfill this as per the directions of project review committee the following topic is selected.

Name of the Topic : **DESIGN OF BUCK CONVERTER USING ARDUINO**

Requirements and Budget Proposed:

S.NO	Component Name	Quantity	Amount (Rs)
1	DIODES	1	150
2	CAPACITORS	1	100
3	LCD	1	100
4	Buzzer	1	50
5	TRANSFORMER	1	600
6	CONNECTING WIRE & SWITCHES	2	100
TOTAL:			1100.00

Name and Signature of the Students:

17U91A0203 MADDIGUNTLA JUNATH  
18U95A0201 BATHINA HEMANTH  
18U95A0206 KODAMALA LATHA MADHURI  
18U95A0210 NAGENDLA VENKATESH CHARI  
17U91A0211 SHAIK PARVEEN

H. Junath.  
B. Kumar  
K. Lalitha Madh  
N. Venkatesh Chari  
SR. PARVEEN

Project Guide (Dr. P.V. NAGANJANEYULU)

PRINCIPAL

SRI MITTAPALLI COLLEGE  
OF ENGINEERING

TUMMALA, APALEM, NH-5

Guntur (Dt.), A.P. Pin : 522 233

Head of the Department

HOD

DEPT. OF EEE

SRI MITTAPALLI COLLEGE OF ENGINEERING  
NH-5, TUMMALA PALEM, GUNTUR - 522 233

Guntur,

Date:11-02-2020

To

The Head of the Department,

Department of EEE,

Sri Mittapalli College of Engineering,

Guntur – 522233.

**Sub:** Budget Proposal for In-House B.Tech project Completion – Reg

We the 4<sup>th</sup> year 2<sup>nd</sup> semester students of Department of Electrical and Electronics Engineering, as part of course work, it is mandatory to complete the project work. In order to fulfill this as per the directions of project review committee the following topic is selected.

Name of the Topic : **DESIGN OF SPEED CONTROL UNIT FOR A DC MOTOR**

Requirements and Budget Proposed:

S.NO	Component Name	Quantity	Amount (Rs)
1	DC MOTOR	1	1500
2	COOLING FAN	1	300
3	LCD	1	100
4	Speedo meter	1	400
5	Transformer		250
TOTAL:			2650.00

Name and Signature of the Students:

17U91A0206 MURARI NAGARAJU  
17U91A0208 RAGI MARUTEESWAR  
18U95A0204 DESABOYINA SURESH GOPI  
18U95A0212 SHAIK UMMAR FAROOQ  
17U91A0206 MURARI NAGARAJU

*M. Nagaraju*  
*R. Maruteeswar*  
*Desaboyina Suresh*  
*Shaiq Umar Farooq*  
*M. Nagaraju*

Project Guide

*P. V. Naganjaneyulu*  
(Dr. P.V. NAGANJANEYULU)

PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TIRUMMALA, APALEM, NH-5  
Guntur (D.C.), A.P. Pin : 522 233

Head of the Department

HOD  
DEPT. OF EEE  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TIRUMMALA, APALEM, GUNTUR - 522 233

Guntur,

Date: 11-02-2020

To

The Head of the Department,

Department of EEE,

Sri Mittapalli College of Engineering,

Guntur - 522233.

**Sub:** Budget Proposal for In-House B.Tech project Completion - Reg

We the 4<sup>th</sup> year 2<sup>nd</sup> semester students of Department of Electrical and Electronics Engineering, as part of course work, it is mandatory to complete the project work. In order to fulfill this as per the directions of project review committee the following topic is selected.

Name of the Topic : **SINGLE PHASE TRANSFORMERLESS INVERTER FOR GRID CONNECTED PV SYSTEM**

Requirements and Budget Proposed:

S.NO	Component Name	Quantity	Amount (Rs)
1	POTENSION METER	1	1500
2	Inverter	1	2500
3	LCD	1	300
4	Diodes	1	50
5	PCB	1	50
TOTAL:			4400.00

Name and Signature of the Students:

17U91A0207 PATHAN YASIN  
18U95A0203 CHOPPA VENKATESH  
18U95A0207 LALA KESHAVA  
18U95A0209 MOLLA KHADARVALI  
17U91A0207 PATHAN YASIN

*P. Dasu*  
*L. KESHAVA*  
*P. Keshava*  
*P. Dasu*

Project Guide

*P. Dasu*  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMILA, APALEM, NH-5  
Guntur, (D.L.) A.P. Pin : 522 233

Head of the Department

*P. Dasu*  
HOD  
DEPT. OF EEE  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
TUMMILA, APALEM, GUNTUR - 522 233



Guntur,

Date: 09-01-2021

TO

THE PRINCIPAL,  
SRI MITTAPALLI COLLEGE OF ENGINEERING,  
GUNTUR- 522233.

**Sub:** Requesting for the Budget Proposal for the Research Project undertake – Reg


Respected Sir,

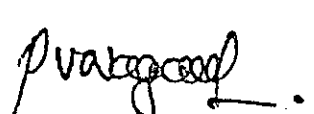
It is here by to bring you kind notice that the final year students would like to undertake on research projects in academic year 2020-21 in our college. On this note, we request you to sanction the required amount for successful completion of the research project.

The details of the material and amount required are as follows:

S NO	NAME OF PROJECT	AMOUNT REQUIRED
1	CONSTRUCTION OF PLASTIC ROADS	4200.00
2	READY MIX CONCRETE	5200.00
3	RETROFITTING BUILDING	5500.00
TOTAL:		14900.00

Thanking you sir

  
Head of the Department  
**Head of the Department**  
**Department of Civil Engineering**  
**Sri Mittapalli College of Engineering**  
**NH-16, TUMMALAPALEM,**  
**Guntur (Dt.), A.P., Pin : 522 233.**

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dt.), A.P. Pin : 522 233

Guntur,

Date. 09-01-21

To

The Head of the Department,

Department of Civil Engineering,

Sri Mittapalli College of Engineering,

Guntur-522233.

Sub: Budget Proposal for In-House B.Tech Project Completion - Reg

We the 4<sup>th</sup> year 2<sup>nd</sup> semester students of department of Civil engineering, as part of course work it is mandatory to complete the project work. In order to fulfill this as per the directions of project review committee the following topic is selected.

Name of the Topic: READY MIX CONCRETE.

Requirements: CEMENT, SAND, AGGREGATES, GRAVEL, MIXERS.

Budget Proposed:

CEMENT, SAND, AGGREGATES=2000

GRAVEL, MIXERS =3200

Signature of the Students:

- 1) T. Anand - 17091A0117
- 2) G. Yalamanda Rao - 18091A0102
- 3) A. Keshav - 18095A0101
- 4) G. Maheshwaram - 17091A0105
- 5) G. Venkatesh - 17091A0104

Prasanna  
Project Guide

Prasanna  
(Dr. P.V. NAGANANAYUDU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
GUNTUR (Dt.), A.P. Pin : 522 233

A. Paul  
Head of the Department  
Department of Civil Engineering  
Sri Mittapalli College of Engineering  
NH-16, TUMMALAPALEM,  
Guntur (Dt.), A.P., Pin : 522 233.

Guntur,

Date. 09-01-21

To

The Principal,

Sri Mittapalli College of Engineering,

Guntur-522233.

Sub: Requesting for the Budget Proposal for the Research Project undertake – Reg

Respected Sir,

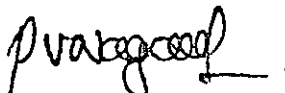
It is here by to bring you kind notice that;the final year students would like to undertake one research project on "CONSTRUCTION OF PLASTIC ROADS " in our college.On this note,we request you to sanction the required amount for successful completion of the research project.The details of the material and amount required are as follows;

S.No	Material Required	Amount Required
1	POLYETHYLENE TEREPHTHALATE,POLYPROPLENE	1800
2	SAND, AGGREGATES	2500

Thanking you sir,

Yours Sincerely,

Head of ~~Department~~ (HOD)  
Department of Civil Engineering  
Sri Mittapalli College of Engineering  
NH-16, TUMMALA PALEM,  
Guntur (Dt.), A.P. Pin : 522 233.

  
(D. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALA PALEM, NH-5  
Guntur (Dt.), A.P. Pin : 522 233

Guntur,

Date. 09-01-21

To

The Head of the Department,

Department of Civil Engineering,

Sri Mittapalli College of Engineering,

Guntur-522233.

Sub: Budget Proposal for In-House B.Tech Project Completion - Reg

We the 4<sup>th</sup> year 2<sup>nd</sup> semester students of department of Civil engineering, as part of course work it is mandatory to complete the project work. In order to fulfill this as per the directions of project review committee the following topic is selected.

Name of the Topic: RETROFITTING BUILDING

Requirements: FIBRE REINFORCED POLYMER, POLYUREA, STEEL PLATES, ALLUMINUM FOAM

Budget Proposed:

FIBRE REINFORCED POLYMER, POLYUREA = 2000

PLATES, ALLUMINUM FOAM = 3500

Signature of the Students:

- 1) *N. Mani* - 18095A0106
- 2) *Ch. Sanjeer* - 17091A0103
- 3) *P. Nodent* - 18095A0103
- 4) *S.K. Sarath* - 18095A0106
- 5) *Sh. Jaiswal* - 18095A04

*A. P. Nani*  
Project Guide

*P. V. Naganjaneyulu*  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dt.), A.P. Pin : 522 233

*A. P. Nani*  
Head of the Department  
Department of Civil Engineering  
Sri Mittapalli College of Engineering  
NH-16, TUMMALAPALEM,  
Guntur (Dt.), A.P., Pin : 522 233.

Guntur,

Date. 09-01-21

To

The Principal,

Sri Mittapalli College of Engineering,

Guntur-522233.

Sub: Requesting for the Budget Proposal for the Research Project undertake – Reg

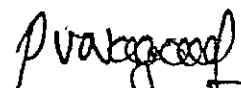
Respected Sir,

It is here by to bring you kind notice that;the final year students would like to undertake one research project on "READY MIX CONCRETE.-" in our college.On this note,we request you to sanction the required amount for successful completion of the research project.The details of the material and amount required are as follows;

S.No	Material Required	Amount Required
1	CEMENT,SAND , AGGREGATES	2000
2	GRAVEL,MIXERS	3200

Thanking you sir,

Yours Sincerely,  
Head of the Department  
Department of Civil Engineering  
Sri Mittapalli College of Engineering  
TUMMALAPALEM,  
Guntur (Dt.), A.P. Pin : 522 233.

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dt.), A.P. Pin : 522 233

Guntur,

Date.21-01-22

To

The Head of the Department,  
Department of Civil Engineering,  
Sri Mittapalli College of Engineering,  
Guntur-522233.

Sub: Budget Proposal for In-House B.Tech Project Completion - Reg

We the 4<sup>th</sup> year 2<sup>nd</sup> semester students of department of Civil engineering, as part of course work it is mandatory to complete the project work. In order to fulfill this as per the directions of project review committee the following topic is selected.

Name of the Topic: EXPERIMENTAL STUDY ON BIM MODELLING OF RAILWAY BRIDGE.

Requirements: CONCRETE, STEEL, FRAME, WOOD, CAST IRON

Budget Proposed:

CONCRETE, STEEL, FRAME = 3000

CAST IRON, WOOD = 3500

Signature of the Students:

- 1) V. Madu - 18091A0114
- 2) G. Yashwanth - 19095A0105
- 3) B. Venkatesh - 19095A0101
- 4) Ch. Rahul - 19095A0103
- 5) B. Anjaneyulu - 18091A0101

V. Srinivas  
Project Guide

P. V. Naganjaneyulu  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dt.), A.P. Pin : 522 233

A. Panu  
Head of the Department  
Department of Civil Engineering  
Sri Mittapalli College of Engineering  
NH-16, TUMMALAPALEM,  
Guntur (Dt.), A.P., Pin : 522 233.

Guntur,

Date. 09-01-21

To

The Principal,

Sri Mittapalli College of Engineering,

Guntur-522233.

Sub: Requesting for the Budget Proposal for the Research Project undertake -- Reg

Respected Sir,

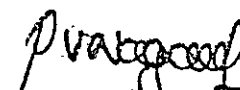
It is here by to bring you kind notice that the final year students would like to undertake one research project on "RETROFITTING BUILDING " in our college. On this note, we request you to sanction the required amount for successful completion of the research project. The details of the material and amount required are as follows;

S. No	Material Required	Amount Required
1	FIBRE REINFORCED PLYMER, POLYUREA	2000
2	PLATES, ALLUMINUM FOAM	3500

Thanking you sir,

Yours Sincerely,

Head of the Department  
Department of Civil Engineering  
Sri Mittapalli College of Engineering  
No. 16, TUMMALAPALEM,  
GUNTUR (Dist. AP) Pin 522 233.

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dist. AP) Pin 522 233

Guntur,

Date:15-07-2021

TO

THE PRINCIPAL,

SRI MITTAPALLI COLLEGE OF ENGINEERING,

GUNTUR- 522233.

**Sub:** Requesting for the Budget Proposal for the Research Project undertake – Reg  
Respected Sir,

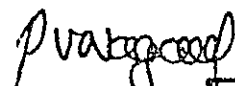
It is here by to bring you kind notice that the final year students would like to undertake on research projects in academic year 2020-21 in our college. On this note, we request you to sanction the required amount for successful completion of the research project. The details of the material and amount required are as follows:

S NO	NAME OF PROJECT	AMOUNT REQUIRED
1	MECHANICAL PICK & PLACE MECHANISM	8275.00
2	AUTOMATIC PAPER CUTTING MACHINE USING GENEVA MECHANISM	8048.00
3	Design and Fabrication of Solar Operated Street light	3275.00
Total:		19598.00

Thanking you sir,

  
Head of the Department

Head of Department  
Mechanical Engineering  
Sri Mittapalli College of Engineering  
Tummalapalem, NH-16, Guntur-522 233.

  
(Dr/P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-16  
Guntur (Dt.), A.P. Pin : 522 233



Guntur,

Date.15-07-21

To

The Head of the Department,

Department of Mechanical Engineering,

Sri Mittapalli College of Engineering,

Guntur-522233.

Sub: Budget Proposal for In-House B.Tech Project Completion - Reg

We the 4<sup>th</sup> year 2<sup>nd</sup> semester students of department of Mechanical Engineering, as part of course work it is mandatory to complete the project work. In order to fulfill this as per the directions of project review committee the following topic is selected.

Name of the Topic: **AUTOMATIC PAPER CUTTING MACHINE USING GENEVA MECHANISM**

Requirements:

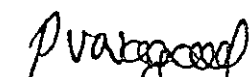
12V motor, Shaft, Sprockets, Chain, Connecting Rod, Geneva Wheel, Roller, Mounts, Supporting Frame, Joints & Fixtures, Screws

Budget Proposed: 8048/-

Signature of the Students:

- 1) Sk. Nowshaid Ali - 17U91A0339.
- 2) B. Devanandh Gandhi - 17U91A0303.
- 3) M. Krishna Prasad - 17U91A0329
- 4) G. Suresh Babu - 17U91A0312

P. Himabindu  
Project Guide

  
(Dr. P.V. NAGADIJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dt.), A.P. Pin : 522 233

  
Head of the Department  
Head of Department  
Mechanical Engineering  
Sri Mittapalli College of Engineering  
Tummalapalem, NH-16, Guntur-522 233.

Guntur,

Date.15-07-2021

To

The Principal,

Sri Mittapalli College of Engineering,

Guntur-522233.

Sub: Requesting for the Budget Proposal for the Research Project  
undertake – Reg


Respected Sir,

It is here by to bring you kind notice that;the final year students would like to undertake one research project on **“Automatic Paper Cutting Machine Using Geneva Mechanism”** in our college.On this note,we request you to sanction the required amount for successful completion of the research project.The details of the material and amount required are as follows;

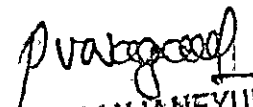
S.No	Material Required	Amount Required
1	12V motor, Shaft Sprockets Chain	3150.00
2	Connecting Rod, Geneva Wheel	2150.00
3	Roller Mounts, Supporting Frame	1523.00
4	Joints & Fixtures, Screws	1225.00

TOTAL AMOUNT=8048.00

Thanking you sir,

  
Yours Sincerely,

Head of Department  
Mechanical Engineering  
Sri Mittapalli College of Engineering  
Tummalapalem, NH-16, Guntur-522 233.

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-16  
Guntur (DL) AP, PIN : 522 233

Guntur,

Date.15-07-21

To

The Head of the Department,

Department of Mechanical Engineering,

Sri Mittapalli College of Engineering,

Guntur-522233..

Sub: Budget Proposal for In-House B.Tech Project Completion - Reg

We the 4<sup>th</sup> year 2<sup>nd</sup> semester students of department of Mechanical Engineering, as part of course work it is mandatory to complete the project work. In order to fulfill this as per the directions of project review committee the following topic is selected.

Name of the Topic: **MECHANICAL PICK & PLACE MECHANISM**

Requirements:

DC Motor, Pulley, Belt, Spring, Magnet, Connecting Rods, Slide Rod, Bearings, Supporting Frame, Nuts & Bolts, Mounts and Joints, Base Frame, Screws and Connectors

Budget Proposed: 8275/-

Signature of the Students:

- 1) C. Sri Teja - 17U91A0304.
- 2) L. Seetharamaiah - 17U91A0315.
- 3) Sh. Abdul Gafoor - 17U91A0334
- 4) R. Prashad - 17U91A0336

V. Jagannatha Rao  
Project Guide

(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dt.), A.P. Pin : 522 233

Head of the Department  
Head of Department  
Mechanical Engineering  
Sri Mittapalli College of Engineering  
Tummalapalem, NH-16, Guntur-522 233.

Guntur,

Date.15-07-2021

To

The Principal,

Sri Mittapalli College of Engineering,

Guntur-522233.

Sub: Requesting for the Budget Proposal for the Research Project  
undertake – Reg

Respected Sir,

It is here by to bring you kind notice that;the final year students would like to undertake one research project on “**Mechanical Pick & Place Mechanism**” in our college.On this note,we request you to sanction the required amount for successful completion of the research project.The details of the material and amount required are as follows;

S.No	Material Required	Amount Required
1	DC Motor,Pulley,Belt	3650.00
2	Spring,Magnet Connecting Rods,Slide Rod Bearings Supporting Frame Nuts & Bolts Mounts and Joints Base Frame Screws and Connectors	4625.00

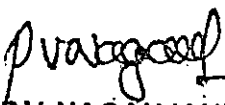
TOTAL AMOUNT=8275.00

Thanking you sir,

  
Yours Sincerely,

(HOD)

Head of Department  
Mechanical Engineering  
Sri Mittapalli College of Engineering

  
(Dr. P.V. NAGANJANEYULU)

PRINCIPAL

SRI MITTAPALLI COLLEGE  
OF ENGINEERING

TUMMALAPALEM. N-4-5

Guntur (D.C.), A.P. Pin : 522 233

Guntur,

Date.15-08-21

To

The Head of the Department,

Department of Mechanical Engineering,

Sri Mittapalli College of Engineering,

Guntur-522233.

Sub: Budget Proposal for In-House B.Tech Project Completion - Reg

We the 4<sup>th</sup> year 2<sup>nd</sup> semester students of department of Mechanical Engineering, as part of course work it is mandatory to complete the project work. In order to fulfill this as per the directions of project review committee the following topic is selected.

Name of the Topic: **DESIGN AND FABRICATION OF SOLAR OPERATED STREET LIGHT**

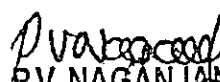
Requirements: solar panel ,battery ,iron stand,m.s bar

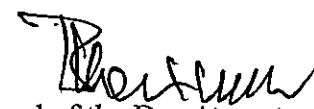
Budget Proposed: 3275/-

Signature of the Students:

- 1) M. Anil Kumar - 17091A0327
- 2) D. Shylaja - 17091A0309
- 3) J. Suneel - 17091A0317
- 4) K. Samuel - 17091A0318.

  
Project Guide

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur.(Dt.), A.P. Pin : 522 233

  
Head of the Department  
Head of Department  
Mechanical Engineering  
Sri Mittapalli College of Engineering  
Tummalapalem, NH-16, Guntur-522 233.

Guntur,

Date. 15-07-21

To

The Principal,

Sri Mittapalli College of Engineering,

Guntur-522233.

Sub: Requesting for the Budget Proposal for the Research Project  
undertake – Reg

Respected Sir,

It is here by to bring you kind notice that; the final year students would like to undertake one research project on **“Design and Fabrication of Solar Operated Street light**

“in our college. On this note, we request you to sanction the required amount for successful completion of the research project. The details of the material and amount required are as follows;

S.No	Material Required	Amount Required
1	Solar panel	2625.00
2	Battery	1423.00
3	Iron stand.m.s bar	1590.00

TOTAL AMOUNT=3275.00

Thanking you sir,

Yours Sincerely,

(HOD)

Head of Department  
Mechanical Engineering  
Sri Mittapalli College of Engineering  
Tummalapalem, NH-16, Guntur-522 233.

(Dr. P.V. NAGANJANEYULU)

PRINCIPAL

**SRI MITTAPALLI COLLEGE  
OF ENGINEERING**

TUMMALAPALEM, NH-5  
Guntur (Dt.), A.P. Pin : 522 233

Guntur,

Date: 19/8/2020

TO

THE PRINCIPAL,

SRI MITTAPALLI COLLEGE OF ENGINEERING,

GUNTUR- 522233.

**Sub:** Requesting for the Budget Proposal for the Research Project undertake – Reg  
Respected Sir,

It is here by to bring you kind notice that the final year students would like to undertake on research projects in academic year 2020-21 in our college. On this note, we request you to sanction the required amount for successful completion of the research project. The details of the material and amount required are as follows:

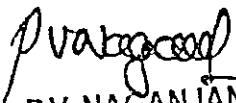
S NO	NAME OF PROJECT	AMOUNT REQUIRED
1	Driver Drowsiness Detection system with open CV and lane detection using CNN	26000.00
2	Facial Expression Recognition using CNN	18000.00
Total:		44000.00

Thanking you sir,

  
Head of the Department

**HEAD**

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
NH-16, THUMMALAPALEM. GUNTUR-522 233.

  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dt.), A.P. Pin : 522 233

Guntur,

Date: 17/8/20

To

The Head of the Department,

Department of CSE,

Sri Mittapalli College of Engineering,

Guntur – 522233.

Sub: Budget Proposal for In-House B.Tech project Completion – Reg

We the 4<sup>th</sup> year 2<sup>nd</sup> semester students of Department of Computer Science and Engineering, as part of course work, it is mandatory to complete the project work. In order to fulfill this as per the directions of project review committee the following topic is selected.

Name of the Topic : **Driver Drowsiness Detection system with open CV and lane detection using CNN**

Requirements and Budget Proposed:

S.NO	Component Name	Quantity	Amount (Rs)
1	Arduino Nano	1	6000
2	Eyeblink Sensors	1	7000
3	RF Transceiver Module	1	3000
4	HD12E & HD12D IC	1	8000
5	Buzzer	1	1000
6	9V Battery	1	1000
Total			26,000.00

Name and Signature of the Students:

1. Sailaja Obulasetty(17U91A0580) *Sailaja*
2. Nane Bhagya Lakshmi(17U91A0562) *Nane Bhagya*
3. Peyala Sri Vijay(17U91A0569) *Peyala Sri Vijay*
4. Srikhakolanu Sai Tarakanath(17U91A0592) *S.S. Tarakanath*
5. Ravuri Venkata Naga Siva Sai Sarath(17U91A0577) *Ravuri Venkata Naga Siva Sai Sarath*

*JNM Rao*  
Project Guide

*[Signature]*  
Head of the Department  
**HEAD**

*[Signature]*  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
Guntur (Dt.), A.P. Pin : 522 233.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
NH-16, THUMMALAPALEM. GUNTUR-522 233.



Guntur,

Date : 12/8/20

To

The Head of the Department,

Department of CSE,

Sri Mittapalli College of Engineering,

Guntur – 522233.

Sub: Budget Proposal for In-House B.Tech project Completion – Reg

We the 4<sup>th</sup> year 2<sup>nd</sup> semester students of Department of Computer Science and Engineering, as part of course work, it is mandatory to complete the project work. In order to fulfill this as per the directions of project review committee the following topic is selected.

Name of the Topic : **Facial Expression Recognition using CNN**

Requirements and Budget Proposed:

S.NO	Component Name	Quantity	Amount (Rs)
1	Frame grabber Cyber Optics (PXC 200A)	1	10,000
2	Camera(SONY EVI-D1000P)	1	5,000
3	CCD Sensor (752x582 pixel)	1	3,000
Total			18,000

Name and Signature of the Students:

1. Jarugumalli Yesteru (17U91A0534)
2. Kurmala Kavya(17U91A0549) *K. Kavya*
3. Kunchala Ramakrishna (17U91A0548) *R*
4. Digala Janardhana Raju(17U91A0522) *D. Janardhana Raju*
5. Ganta Lakshman (17U91A0528) *G. Lakshman*

*N. R. S. S. S.*  
Project Guide

*[Signature]*  
Head of the Department

**HEAD**

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
SRI MITTAPALLI COLLEGE OF ENGINEERING  
#16, THUMMALAPALEM, GUNTUR-522 233.

*[Signature]*  
(Dr. P.V. NAGANJANEYULU)  
PRINCIPAL  
SRI MITTAPALLI COLLEGE  
OF ENGINEERING  
TUMMALAPALEM, NH-5  
A.P. Pin : 522 233

Date ....12/06/2021

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)

Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 67,231/- (Rupees Sixty Seven thousand Two hundred <sup>and thirty one</sup>)

towards Don. S. Kannan and Mr. A. S. Kanth

against Cq.No./Cash ..... Cash ..... through Sri ... M. Hapalli, ... trust.

  
Accountant

  
Cashier

  
Receiver's Signature

Date ..... 12/05/2021

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)  
Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 65,321/- (Rupees Sixty five thousand Three hundred and Twenty one  
towards Dr. Kodhantakie and Ch. Jagga Rao  
against Cq.No./Cash Cash through Sri Mittapalli Trust

  
Accountant

  
Cashier

  
Receiver's Signature

Date ...12/06/2021...

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)  
Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 67,325/- (Rupees *Sixty Seven thousand and Three hundred and* <sup>*Twenty five*</sup> ~~*and*~~)  
towards *N. Malathi and Y. Harika*  
against Cq.No./Cash *Cash* through Sri *Mittapalli Trust*

*[Signature]*  
Accountant

*[Signature]*  
Cashier

*[Signature]*  
Receiver's Signature

Date 12/06/2021

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)  
Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 69,543/- (Rupees Sixty nine thousand and five hundred and forty Three)  
towards A. Sridhar, P. Jayababu  
against Cq.No./Cash Cash through Sri Mittapalli Trust

  
Accountant

  
Cashier

  
Receiver's Signature

Date ..12/6/21.....

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)

Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 4683/- (Rupees four thousand and eighty three rupees only)  
towards P. Prakash  
against Cq.No./Cash 654 through Sri Mittapalli Trust

  
Accountant

  
Cashier

  
Receiver's Signature

Date ...12/06/21.....

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)  
Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 1468/- (Rupees fourteen hundred and Sixty eight Rupees only)  
towards Ch. Sri Kanya  
against Cq.No./Cash Cash through Sri Mittapalli Trust

  
Accountant

  
Cashier

  
Receiver's Signature

Date ...12/6/21.....

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)  
Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. ....1460/-..... (Rupees fourteen hundred and Sixty Rupees only)  
towards .....E. Dalakada Raniketty.....  
against Cq.No./Cash .....Cash..... through Sri .....Mittapalli Trust.....

  
Accountant

  
Cashier

  
Receiver's Signature



Date ... 12/06/21 ...

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)  
Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 21151/- (Rupees two thousand one hundred and fifteen only)

towards K. Sanitha

against Cq.No./Cash Cash through Sri Mittapalli Trust

Nani  
Accountant

M. Krishnakumar  
Cashier

K. Sanitha  
Receiver's Signature

Date 19/06/21

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)

Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 1830/- (Rupees eighteen hundred and thirty only)

towards G. Siva Sankar

against Cq.No./Cash Cash through Sri Mittapalli Trust

Vair  
Accountant

M. Krishna  
Cashier

G. Siva Sankar  
Receiver's Signature

Date ... 12/06/21 ...

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)  
Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

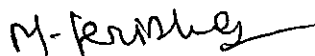
Voucher Type : Debit / Credit / J.V.

Rs. 5050/- (Rupees five thousand and fifty only)

towards A. Siva Prishan Yashu

against Cq.No./Cash Cash through Sri Mittapalli Trust

  
Accountant

  
Cashier

  
Receiver's Signature

Date 12/06/21

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)

Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 26,000/- (Rupees Twenty Six Thousand Rupees only)  
towards A. Srikanth  
against Cq.No./Cash Cash through Sri Mittapalli Trust

Jani  
Accountant

M. Krishna  
Cashier

A. Srikanth  
Receiver's Signature

Date 12/06/21

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)  
Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 18000/- (Rupees Eighteen thousand and rupees only)  
towards B. Murudula  
against Cq.No./Cash Cash through Sri Mittapalli Trust

Jain  
Accountant

M. Perishu  
Cashier

Receiver's Signature

Date 12/06/21

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)

Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 4200 (Rupees Four thousand Two hundred only)  
towards Y. Ashok  
against Cq.No./Cash Cash through Sri Mittapalli Trust

Jai  
Accountant

M. K. R. M. H. E.  
Cashier

[Signature]  
Receiver's Signature

Date ...12/06/21...

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)  
Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 5200/- (Rupees Five thousand Two Hundred only)  
towards D- Kishore  
against Cq.No./Cash Cash through Sri Mittapalli Trust

Vai  
Accountant

M. Krishna  
Cashier

D. Kishore  
Receiver's Signature

Date 12/06/22

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)  
Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 5500/- (Rupees Five thousand Five Hundred only)

towards A. Parani

against Cq.No./Cash Cash through Sri Mittapalli Trust

Veri  
Accountant

M. Perishan  
Cashier

A. Parani  
Receiver's Signature



Date ...12/06/21.....

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)  
Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 3350/- (Rupees Three thousand three hundred and fifty) only  
towards Ch: Adi lakshmi  
against Cq.No./Cash Cash through Sri Mittapalli Trust

  
Accountant

  
Cashier

  
Receiver's Signature

Date 12/06/21

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)  
Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 4700/- (Rupees four thousand seven hundred only)  
towards P. Sambasiva Rao  
against Cq.No./Cash Cash through Sri Mittapalli Trust

Vain  
Accountant

M. Krishna  
Cashier

P. Sambasiva Rao  
Receiver's Signature

Date 12/06/21

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)  
Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 1100/- (Rupees Eleven hundred Rupees only)  
towards R. Anusha  
against Cq.No./Cash 68h through Sri mittapalli trust

  
Accountant

  
Cashier

  
Receiver's Signature

Date ...12/06/21...

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)  
Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 2650/- (Rupees two thousand six hundred and fifty only)

towards D. Ravi Kumar

against Cq.No./Cash Cash through Sri Mittapalli Trust

Vain  
Accountant

M. Perintha  
Cashier

Receiver's Signature

Date ..... 18/06/21 .....

# **SRI MITTAPALLI COLLEGE OF ENGINEERING**

(SPONSORED BY SRI MITTAPALLI TRUST)  
Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type: **Debit / Credit / J.V.**

Rs. .... 4,400/- ..... (Rupees *four thousand four hundred Rupees only*)  
towards ..... *T. Arav Kumar* .....  
against Cq.No./Cash ..... *Cash* ..... through Sri *Mittapalli Trust* .....

*Vai*  
Accountant

*M. Krishna*  
Cashier

*T. Arav Kumar*  
Receiver's Signature

Date 2/06/21

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)  
Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 8295/- (Rupees Eight thousand two hundred seventy five only)  
towards M.V. Raghavendra Rao  
against Cq.No./Cash Cash through Sri Mittapalli Trust

Ven  
Accountant

M. Krishna  
Cashier

M. S.  
Receiver's Signature

Date 12/06/21

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)  
Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 8048/- (Rupees Eight thousand and forty eight only)  
towards G. Suneel Kumar  
against Cq.No./Cash Cash through Sri Mittapalli Trust

Var  
Accountant

M. Krishna  
Cashier

Suneel  
Receiver's Signature

Date 12/06/21

# SRI MITTAPALLI COLLEGE OF ENGINEERING

(SPONSORED BY SRI MITTAPALLI TRUST)

Tummalapalem, NH-16, GUNTUR - 522 223.

Ledger Name (A/c.)

Voucher Type : Debit / Credit / J.V.

Rs. 3075/- (Rupees three thousand two hundred seventy five only)  
towards P. Hema Bindu  
against Cq.No./Cash Cash through Sri Mittapalli Trust

Ven  
Accountant

M. Krishna  
Cashier

Hema Bindu  
Receiver's Signature