



Jan 2020-Apr 2020

## **VISION**

*The Department of Electrical and Electronics Engineering strives to be a Centre of Excellence in Electrical Engineering in producing competent engineers.*

## **MISSION**

- 1. Adopt good teaching and learning methods*
- 2. Ensure competency in the emerging technologies*
- 3. To be accountable through self-evaluation and continuous improvement.*



### Chief Editor

Dr.O.P.SURESH, HOD

### Editor

Ms. P. MADHAVI, Asst. Professor

## **Collaborative Learning**



HITAM-EEE  
News Letter



**HYDERABAD INSTITUTE OF TECHNOLOGY AND MANAGEMENT**  
**EEE DEPARTMENT**

***Program Educational Objectives***

**PEO1:** Graduates will have a successful technical or professional careers, including supportive and leadership roles on multidisciplinary teams.

**PEO2:** Graduates will be able to acquire, use and develop skills as required for effective professional practices.

**PEO3:** Graduates will be able to attain holistic education that is an essential prerequisite for being a responsible member of society.

***Program Specific Outcome's***

**PSO1:** Analyze, Model, Test and provide engineering solutions in the areas related to electric drives, control and power systems.

**PSO1:** Apply fundamentals of electrical engineering to simulate and develop electrical and electronic systems using MATLAB, PSPICE tools.

## 1. Technical Talk :

| S.No | Name of the event  | Names of the people participated                      | Date of the Event and Resource person  | Brief Note  |
|------|--|---|--|---|
| 1    | One day technical talk on Importance of PLC in Automation. | EEE 3 <sup>rd</sup> and 4 <sup>th</sup> year students | 11th Jan 2020 and<br>Mr. Akbar Ansari,<br>Chief Consultant,<br>Electromation<br>Technologies,<br>Hyderabad | It gives Automation Solutions through integration of cutting edge; state-of-the art PLCs (Programmable Logic Controllers), controllers, distributed data acquisition and control systems, compact PCI and PC based open control software solutions. |





## 2. Workshop Attended:

| S.No | Name of the event             | Names of the people participated         | Place &Date of the Event         | Brief Note   |
|------|-------------------------------|--|----------------------------------|--|
| 1    | Workshop on Electric vehicles | N.Ravi, Asst.Prof<br>R.Naresh, Asst.Prof | NITW & 24 <sup>th</sup> Jan 2020 | To get more awareness on recent applications of Electric Drives in Electric vehicles |





### 3. Workshop Conduction:

| Sl.No | Name of the event                                     | Number of people participated                       | Venue & Date of the event     | Brief note  |
|-------|---|---|-------------------------------|---|
| 1     | Three day workshop on Industrial Automation with PLC. | 2 <sup>nd</sup> & 3 <sup>rd</sup> EEE students (54) | 13/2/2020<br>to<br>15/02/2020 | Workshop provides end-to-end comprehensive total Automation Solutions through integration of cutting edge, state-of-the art PLCs (Programmable Logic Controllers), controllers, distributed data acquisition and control systems, compact PCI and PC based open control software solutions. |



#### 4. Paper publications:

| Sl.No | Name of the publisher                           | Name of the topic  | Name of the journal                 | Date of publication |
|-------|---|--|-------------------------------------|---------------------|
| 1     | N.Ravi,Asst.Prof<br>S.V.Satyanarayana,Asst.Prof | Simulation of multilevel based five level inverter systems for Electric Drive for High | IJMTE<br>ISBN/ISSN number-2249-7455 | Jan, 2020           |



|  |  |              |  |
|--|--|--------------|--|
|  |  | applications |  |
|--|--|--------------|--|



**International Journal of Management Technology and Engineering**

**An ISO : 7021 - 2008 Certified Journal**

ISSN NO: 2249-7455 / web : [www.ijamtes.org](http://www.ijamtes.org) / e-mail : [submit@ijamtes.org](mailto:submit@ijamtes.org)

Address : A14/7- UA, Armament, Pune, India - 411021

## *CERTIFICATE OF PUBLICATION*

Certificate ID : IJMTE/3197

This is to certify that the paper entitled

**“Simulation of multilevel based five level inverter systems for Electric Drive for high applications”**

Authored by

**S. V. Satyanarayana, Assistant Professor**

From

**Institute of Technology and Management, Medchal, Hyderabad, Telangana, India.**



Has been published in

**IJMTE JOURNAL, VOLUME X, ISSUE I, JANUARY - 2020**



*M. Ashitosh Mehata*  
**M. ASHITOSH MEHATA**  
 Editor-In-Chief  
 IJMTE  
[www.ijamtes.org](http://www.ijamtes.org)



**International Journal of Management Technology and Engineering**

**An ISO : 7021 - 2008 Certified Journal**

ISSN NO: 2249-7455 / web : [www.ijamtes.org](http://www.ijamtes.org) / e-mail : [submit@ijamtes.org](mailto:submit@ijamtes.org)

Address : A14/7- UA, Armament, Pune, India - 411021

## *CERTIFICATE OF PUBLICATION*

Certificate ID : IJMTE/3197

This is to certify that the paper entitled

**“Simulation of multilevel based five level inverter systems for Electric Drive for high applications”**

Authored by

**Ravi Naragani, Assistant Professor**

From

**Institute of Technology and Management, Medchal, Hyderabad, Telangana, India.**



Has been published in

**IJMTE JOURNAL, VOLUME X, ISSUE I, JANUARY - 2020**



*M. Ashitosh Mehata*  
**M. ASHITOSH MEHATA**  
 Editor-In-Chief  
 IJMTE  
[www.ijamtes.org](http://www.ijamtes.org)



**5. Paper publications:**

| Sl.No | Name of the publisher   | Name of the topic   | Name of the journal                     | Date of publication |
|-------|---|---|---|---------------------|
| 1     | J.Dinesh, Asst.Prof<br>P.Madhavi,Asst.Prof<br>Sheebi Kumari, 3 <sup>rd</sup><br>EEE | Micro controller based<br>wireless controlling of<br>Electrical appliances<br>using RF technology | IJSTE<br>ISBN/ISSN number-<br>2349-784X | Jan, 2020           |

ISSN(online) : 2349-784X



**INTERNATIONAL JOURNAL OF SCIENCE TECHNOLOGY & ENGINEERING**

**CERTIFICATE OF PUBLICATION**

This is to certify that paper entitled  
Microcontroller Based Wireless Controlling of  
Electrical Appliances using RF Technology  
authored by  
**Janumpally Dinesh**  
has been published in International Journal of Science Technology & Engineering,  
in Volume 6, Issue 7,  
Jan 2020



I J S T E V 6 | 7 0 0 9  
No: 7258



**PROF. P. D. PATEL**  
Editor - in - Chief



**PROF. A. D. CHAUHAN**  
Ex. Editor



**PROF. R. N. VAGHELA**  
Ex. Editor



Website: [www.ijste.org](http://www.ijste.org)



ISSN(online) : 2349-784X



**INTERNATIONAL JOURNAL OF SCIENCE TECHNOLOGY & ENGINEERING**

## **CERTIFICATE OF PUBLICATION**

This is to certify that paper entitled  
Microcontroller Based Wireless Controlling of  
Electrical Appliances using RF Technology  
authored by

**Pillalamarri Madhavi**

has been published in International Journal of Science Technology & Engineering,  
in Volume 6, Issue 7,  
Jan 2020



I J S T E V 6 | 7 0 0 9  
No: 7259

A handwritten signature in black ink, appearing to read 'pdpm', is positioned above the name of the Editor-in-Chief.

**PROF. P. D. PATEL**  
Editor - in - Chief

A handwritten signature in black ink, appearing to read 'A. D. Chauhan', is positioned above the name of the Ex-Editor.

**PROF. A. D. CHAUHAN**  
Ex. Editor

A handwritten signature in black ink, appearing to read 'R. N. Vaghela', is positioned above the name of the Ex-Editor.

**PROF. R. N. VAGHELA**  
Ex. Editor



Website: [www.ijste.org](http://www.ijste.org)



ISSN(online) : 2349-784X

# INTERNATIONAL JOURNAL OF SCIENCE TECHNOLOGY & ENGINEERING

## CERTIFICATE OF PUBLICATION

This is to certify that paper entitled  
Microcontroller Based Wireless Controlling of  
Electrical Appliances using RF Technology

authored by

**Sheebi Kumari**

has been published in International Journal of Science Technology & Engineering,  
in Volume 6, Issue 7,  
Jan 2020



I J S T E V 6 | 7 0 0 9  
No: 7260

**PROF. P. D. PATEL**  
Editor - in - Chief

**PROF. A. D. CHAUHAN**  
Ex. Editor

**PROF. R. N. VAGHELA**  
Ex. Editor



Website: [www.ijste.org](http://www.ijste.org)