



Jan 2022-Apr 2022 (Vol-12)

### **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.*



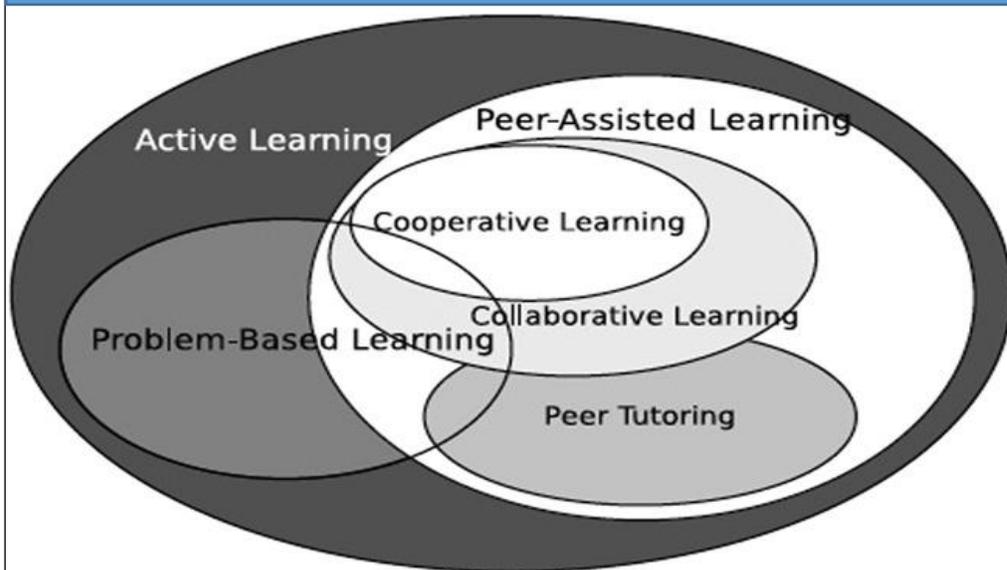
#### Chief Editor

Dr.O.P. SURESH, HOD

#### Editors

Ms. P. MADHAVI, Asst. Professor

### **Learning Strategies**



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 Outcomes***

**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.

### ***Faculty Achievements***

- ***M. Siddartha, "A Novel Smart Lock Device with Multistage-Multimode Security Integration", International Conference on Advances in Electrical and Electronics Engineering on 30th March 2022 at St. Martins Eng. College, Telangana.***
-



# St. MARTIN'S ENGINEERING COLLEGE

A NON MINORITY COLLEGE, AFFILIATED TO JNTUH, APPROVED BY AICTE, ACCREDITED BY NBA & NAAC A+, ISO 9001:2008 CERTIFIED, SIRO RECOGNITION BY MINISTRY OF SCIENCE & TECHNOLOGY, GOVT.OF INDIA. DHULAPALLY, NEAR KOMPALLY, SECUNDERABAD - 500 100, TELANGANA STATE, INDIA, WWW.SMEC.AC.IN

## CERTIFICATE

Paper ID:  
ICAEEE - 041



This is to certify that

**Mr. M. Siddartha**

*Hyderabad Institute of Technology and Management, Hyderabad*

has participated and presented a paper on

**“A Novel Smart Lock Device with Multistage-Multimode Security Integration”**

**In the Online International Conference on**

**“Advances in Electrical and Electronics Engineering - 2022”**

**(ICAEEE - 2022)**

Organized by the Department of Electrical and Electronics Engineering

St. Martin's Engineering College, Dhulapally, Secunderabad, T.S, India

on 30<sup>th</sup> & 31<sup>st</sup> March 2022.

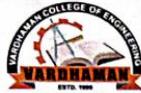
**Dr. N. Ramchandra**  
Convener &HOD (EEE)

**Dr. P. Santosh Kumar Patra**  
Patron, Program Chair & Principal



www.smec.ac.in

- *S.V. Satyanarayana & P. Madhavi Presented the paper at the International Conference on Artificial Intelligence Trends and Pattern Recognition organized by Vardhaman College of Engineering, Hyderabad from 10<sup>th</sup> – 12<sup>th</sup> March 2022.*



ICAITPR

10-12 MARCH 2022



## CERTIFICATE OF PARTICIPATION

This is to certify that

*Salava V Satyanarayana*

has presented paper titled

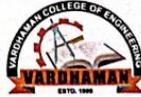
*"Data Analysis of Electrical Systems using Machine Learning Algorithms"*

in INTERNATIONAL CONFERENCE ON  
ARTIFICIAL INTELLIGENCE TRENDS AND PATTERN RECOGNITION  
organized by Vardhaman College of Engineering, Hyderabad  
held during 10<sup>th</sup> - 12<sup>th</sup> March 2022

General Chairs

Principal & Patron





ICAITPR

10-12 MARCH 2022



## CERTIFICATE OF PARTICIPATION

This is to certify that

*Pillalamarri Madhavi*

has presented paper titled

**"Data Analysis of Electrical Systems Using Machine Learning Algorithms"**

in INTERNATIONAL CONFERENCE ON  
ARTIFICIAL INTELLIGENCE TRENDS AND PATTERN RECOGNITION

organized by Vardhaman College of Engineering, Hyderabad

held during 10<sup>th</sup> - 12<sup>th</sup> March 2022

General Chairs

Principal & Patron

- *Pedda Suresh Ogeti, S.V. Sathyanarayana, P. Madhavi, and Ch. Rajasri, M. Siddartha attended the Online Training Programme on “Applications in PLC” and “MATLAB and LabView Programming for Engineering Applications”*



Certificate No. 2021/FDPOM-136/14

**National Institute of  
Technical Teachers Training and Research, Chennai**

(Ministry of Education, Government of India)

**Certificate of Participation**

This is to certify that

**PEDDA SURESH OGETI**

**Professor in Electrical and Electronics Engineering  
Hyderabad Institute of Technology and Management, Medchal, Telangana**

Participated in the Online Training Programme on

**"Applications in PLC"**

Conducted by this Institute from 07.02.2022 to 11.02.2022 (One Week)



11.02.2022

*S. A. Reddy*

**Course Coordinator**

*Ushagatesan*

**Director**





Certificate No. 2021/FDPOM-128/66

**National Institute of  
Technical Teachers Training and Research, Chennai**

(Ministry of Education, Government of India)

**Certificate of Participation**

This is to certify that

**SALAVA V SATYANARAYANA**

**Assistant Professor in Electrical and Electronics Engineering  
Hyderabad Institute of Technology and Management, Hyderabad, Telangana**

Participated in the Online Training Programme on

**“MATLAB and LabVIEW Programming for Engineering Applications”**

Conducted by this Institute from 24.01.2022 to 04.02.2022 (Two Week)



04.02.2022

**Course Coordinator**

**Director**

- *Mr. K. Suresh attended a one-week FDP on Research opportunities in Electrical Power Engineering organized by Prasad.V. Potluri Siddartha Institute of Technology from 23/03/2022 to 27/03/2022*



**PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY**

ISO 9001:2015 certified Institute, Vijayawada  
Permanently Affiliated to JNTUK, Kakinada  
Autonomous, Accredited by NBA & NAAC with A+

## *certificate of participation*

*This is to certify that Mr. / Ms. / Dr .K.SURESH of HYDERABAD INSTITUTE OF TECHNOLOGY AND MANAGEMENT has participated in One Week Online Faculty Development Programme on "Research Opportunities in Electrical Power Engineering" organized by Department of Electrical and Electronics Engineering, Prasad V. Potluri Siddhartha Institute of Technology, Vijayawada, Andhra Pradesh, India from 23/03/2022 to 27/03/2022.*

Dr.P.Muthukumar  
Coordinator

Dr.M.Venu Gopala Rao  
HOD-EEE

Dr.K.Sivaji Babu  
Principal

- *K.Suresh and M.Chiranjivi attended IPR and IP Management startup conducted by HITAM IIC on 12/03/2022.*



# CERTIFICATE OF PARTICIPATION

**THIS IS TO CERTIFY THAT**

**M Chiranjivi**

Participated in Workshop on IPR and IP Management for startup conducted  
by Institute Innovation Council - HITAM on 12 March 2022.

**Dr. Shradha Binani**  
Incharge Associate Dean R&D

**Dr Sugandha Singh**  
Dean IIIC, HITAM

**Dr P. Rajesh Kumar**  
Principal, HITAM

- *Pedda Suresh Ogeti, S.V. Sathyanarayana, P. Madhavi, and Ch. Rajasri, M. Siddartha attended the NPTEL E-awareness workshop on 18<sup>th</sup> Jan 2022.*



## CERTIFICATE OF PARTICIPATION

This is to certify that

**Pillalamarri Madhavi**

Hyderabad Institute Of Technology And Management

has participated in the **NPTEL** E-Awareness workshop  
On January 18th, 2022

A handwritten signature in black ink, appearing to read "Andrew Thangaraj", is positioned above the printed name.

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

- *S.V. Sathyanarayana & P. Madhavi Completed the course “Interfacing with the Arduino” in courseera.*
- *S.V.Satyanarayana, P.Madhavi & M.Siddartha attended the 9<sup>th</sup> International Conference on Transformations in Engineering Education (ICTIEE-2022)organized by IUCEE.*



- *P.Madhavi completed the Course “The Basics of PBL” conducted by*

*Australian Catholic University from Oct 2021 to Feb 2022.*



- *S.V.Satyanarayana has attended the Mini Symposium on Effective Practices in Teaching-learning organized by IUCEE on April 23<sup>rd</sup> , 24<sup>th</sup> 2022.*



# CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

**SALAVA V SATYANARAYANA**

FROM

**Hyderabad Institute of Technology and Management**

HAS ATTENDED THE MINI SYMPOSIUM ON EFFECTIVE PRACTICES  
IN TEACHING-LEARNING ORGANIZED BY INDO UNIVERSAL  
COLLABORATION FOR ENGINEERING EDUCATION (IUCEE)  
APRIL 23<sup>rd</sup>, 24<sup>th</sup> 2022

*KRISHNA VEDULA*

DR. KRISHNA VEDULA  
EXECUTIVE DIRECTOR - IUCEE FOUNDATION

22M1P0158

- *Mr. Sathyanarayana, Assistant Professor of EEE conducted webinar on “Problem-Solution Fit & Product-Market Fit” under IIC. “Problem-Solution Fit & Product-Market Fit”, The day focuses on making people aware of the importance of Problem-Solution Fit - this occurs when you have evidence that customers care about certain jobs, pains, and gains. At this stage, you've proved the existence of a problem and have designed a value proposition that addresses your customers' jobs, pains, and gains. Later Mr. Madan Harathi turned up his speech by focusing on the importance of Product-Market Fit because businesses must know whether they have a product with a market appeal before they dive into the production phase. Investing funds into developing goods nobody's looking for, or which are inferior to existing products, is a waste of money and time.*



# LEARN TO GET THE RIGHT 'FIT' TO START UP AND TO SCALE UP!

Virtual Session on 'Problem Solution Fit' & 'Product Market Fit'

BY **MR. MADAN HARATHI**  
Dean - Careers

**31 JAN '22**  
11.45 AM - 12.45 PM

<b>PATRON</b>	<b>CONVENOR</b>	<b>CO-CONVENOR</b>	<b>CO-ORDINATOR</b>
Dr. S SUDHAKARA REDDY Principal, HITAM	Er S V SATYNARAYANA Assistant Professor, EEE	Er SANTOSH NAIK Convenor, IIC	TEAM IIC

**HYDERABAD INSTITUTE OF TECHNOLOGY & MANAGEMENT**  
UGC AUTONOMOUS COLLEGE | A+ RATING BY NAAC | ACCREDITED BY NBA (CSE, ECE)



### *Students Achievements*

- *50 Students from III EEE completed the Omron PLC certification course “Introduction to Factory Automation” from Mar-April 2022.*

# Omron Automation eLearning

This certifies that

**SANGAMESH B**

has successfully completed

**A009 - Introduction to Factory Automation**

2022/04/01

Date Completed

Omron Corporation

Signed By



- *YAKKANTI RAJA SHEKAR REDDY, YARRA BHANU PRAKASH, SAMA HEMANTH, KOLLU VIJAY KUMAR participated in the TechnoPHILLA-22-National Level Project Competition with the title as “Controlling of DC Motor speed using PLC”.*



In Association With



5th National Level  
Technical Paper Presentation and Project Competition

# TECHNOPHILIA 2022

This is to Certify that **Kollu Vijay Kumar** has participated in **Project Competition** in the event **TechnoPHILIA'22** organized by the **School of Electrical Engineering, MIT AOE** under **Spark** in association with **ISA Pune Section** on **23rd March 2022**

  
Shilpa K. Rudrawar  
Convener  
TechnoPHILIA'21  
Dr. Dipti Sakhare  
Dean  
School of Electrical Engineering  
Dr. Mahesh D. Gaudar  
Director  
MIT AOE, Alandi  
H.S. Pansare  
ISA, President  
Pune Section

- *MOHAMMAD NAYAB AHMED, BATTU ABHISHEK, HASANABADA SANJAY, SANGAM UDAYKANTH participated in the TechnoPHILLA-22-National Level Project Competition and attended International Conference on Advances in Electrical and Electronics Engineering on 30th March 2022 at St. Martins Eng. College, Telangana with the title “Generation of Electricity Using Pedaling Technology at HITAM”.*

**MIT** Academy of  
Engineering  
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

In Association With



**5th National Level  
Technical Paper Presentation and Project Competition**

# TECHNOPHILIA 2022

This is to Certify that **BATTU ABHISHEK** has participated in **Project Competition** in the event **TechnoPHILIA'22** organized by the **School of Electrical Engineering, MIT AOE** under **Spark** in association with **ISA Pune** Section on **23rd March 2022**

**Shilpa K. Rudrawar**  
Convener  
TechnoPHILIA'21

**Dr. Dipati Sakhare**  
Dean  
School of Electrical Engineering

**Dr. Mahesh D. Gaudar**  
Director  
MIT AOE, Alandi

**H.S. Pansare**  
ISA, President  
Pune Section





## St. MARTIN'S ENGINEERING COLLEGE

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# CERTIFICATE

Paper ID:

ICAEEE - 052



This is to certify that

*Mr. MD. Nayab Ahmed*

*Hyderabad Institute of Technology and Management, Hyderabad*

has participated and presented a paper on

**"Generation of Electricity Using Pedaling Technology"**

**In the Online International Conference on**

**"Advances in Electrical and Electronics Engineering - 2022"**

(ICAEEE - 2022)

Organized by the Department of Electrical and Electronics Engineering

St. Martin's Engineering College, Dhulapally, Secunderabad, T.S, India

on 30<sup>th</sup> & 31<sup>st</sup> March 2022.

*Dr. N. Ramchandra*

**Dr. N. Ramchandra**  
Convener &HOD (EEE)

*Dr. P. Santosh Kumar Patra*

**Dr. P. Santosh Kumar Patra**  
Patron, Program Chair & Principal



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- *ATCHYUTANNA VENU GOPAL, PREM KUMAR S, GUNDAM DHANUNJAY, CHAURASIA AJAY KUMAR, A. SRIHARI* Granted the Indian Patent with the title “*MINI ELECTRIC SCOOTER*”.



Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

### Application Details

APPLICATION NUMBER	202241006899
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	09/02/2022
APPLICANT NAME	1 . Gundam Dhanunjay 2 . Atchyutanna Venu Gopal 3 . Srirangavaram Prem Kumar 4 . Chaurasia Ajay Kumar 5 . Amboori Srihari 6 . Salava V Satyanarayana 7 . Dr. Sugandha Singh
TITLE OF INVENTION	MINI ELECTRIC SCOOTER



- *AMAN KUMAR CHOUDHARY, N. PRANAY, D. ANIL SAI participated in the TechnoPHILLA-22-National Level Project Competition with the title “Smart Dustbin”.*



In Association With



5th National Level  
Technical Paper Presentation and Project Competition

# TECHNOPHILIA 2022

This is to Certify that **Aman Kumar Choudhary** has participated in **Project Competition** in the event **TechnoPHILIA'22** organized by the **School of Electrical Engineering, MIT AOE** under **Spark** in association with **ISA Pune** Section on **23rd March 2022**

Shilpa K. Rudrawar  
Convener  
TechnoPHILIA'22

Dr. Dipti Sakhare  
Dean  
School of Electrical Engineering

Dr. Mahesh D. Gaudar  
Director  
MIT AOE, Mandi

H.S. Pansare  
ISA, President  
Pune Section

- *ATCHYUTANNA VENU GOPAL, PREM KUMAR S, GUNDAM DHANUNJAY, CHAURASIA AJAY KUMAR, A. SRIHARI participated in the Project Expo- RUEDO-2022 project competition in GRIET.*



# CERTIFICATE OF APPRECIATION

AWARDED TO

*Dhanunjay Gundam*

For his/her incredible performance in the Project Expo  
organised under RUEDO-2022 in GOKARAJU RANGARAJU  
INSTITUTE OF ENGINEERING AND TECHNOLOGY on 26th  
March 2022

*[Signature]*  
Dean Outreach

*[Signature]*  
Dean-GCT

*[Signature]*  
Principal

- *S. AISHWARYA, B. SANDEEP, NIKHIL & SRUJANA attended International Conference on Advances in Electrical and Electronics Engineering on 30th March 2022 at St. Martins Eng. College, Telangana with the title “Analysis of the impact of EV Charging station on Power Quality Issues”.*



UGC AUTONOMOUS



## St. MARTIN'S ENGINEERING COLLEGE

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# CERTIFICATE

Paper ID:  
ICAEEE - 050



This is to certify that

**Ms. S. Aishwarya**

*Hyderabad Institute of Technology and Management, Hyderabad*

has participated and presented a paper on

“Analysis of the Impact of Electric Vehicle Charging Station on Power Quality Issues”

In the Online International Conference on

“Advances in Electrical and Electronics Engineering - 2022”

(ICAEEE - 2022)

Organized by the Department of Electrical and Electronics Engineering

St. Martin's Engineering College, Dhulapally, Secunderabad, T.S, India

on 30<sup>th</sup> & 31<sup>st</sup> March 2022.

*Ramchandra*

**Dr. N. Ramchandra**  
Convener &HOD (EEE)

*Dr. P. Santosh Kumar Patra*

**Dr. P. Santosh Kumar Patra**  
Patron, Program Chair & Principal



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- *Mr. Jagadeesh from IV EEE completed the online course on PLC through Learning Automation.*



# CERTIFICATE

OF ACHIEVEMENT

This is to certify that

*Vavilapally Jagadeesh*

has successfully completed 6 hours online course of  
**Free Online PLC Course**  
on March 13, 2022

Valid Certificate ID  
887e0f395c1bb830



Automation Community

- *Mr. Narendar from IV EEE has participated in the Axenothon 2022 organized by Axeno Consulting.*

## Certificate of Participation

This is to certify that

Dandu Narendar

of **Hyderabad Institute of Technology and Management  
(HITM), Hyderabad** has participated in the **Axenathon 2022**  
organised by **Axeno Consulting**



