



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.*



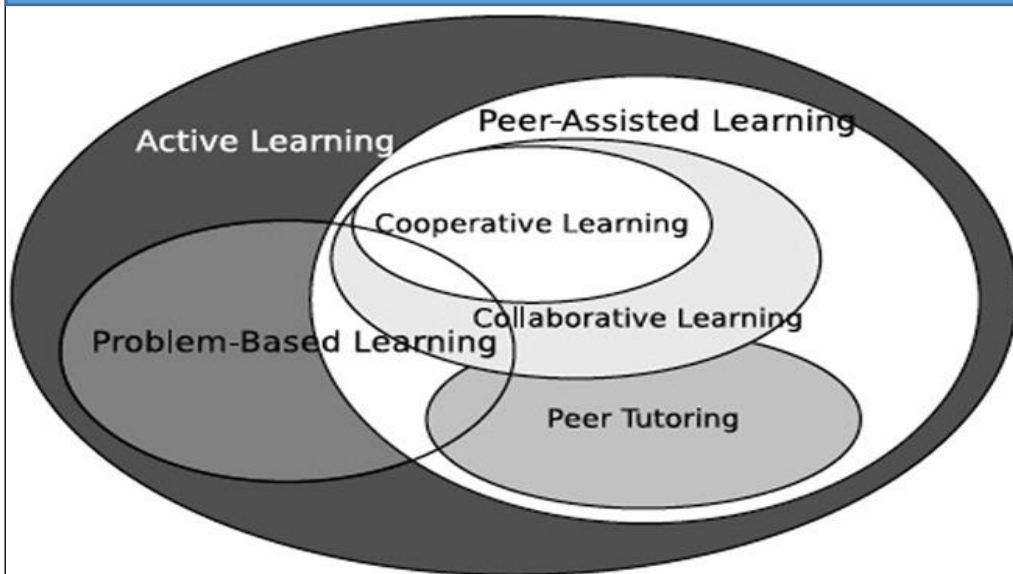
Chief Editor

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.*



- *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 10th – 12th 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 10th - 12th 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 10th - 12th 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”*





- *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 18th Jan 2022.*



- *S.V. Sathyanarayana & P. Madhavi Completed the course “Interfacing with the Arduino” in courseera.*
- *S.V.Satyanarayana, P.Madhavi & M.Siddartha attended the 9th 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 23rd , 24th 2022.*



- *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.*



HITAM
find your path

**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

| | | | |
|--|--|---|---------------------|
| PATRON | CONVENOR | CO-CONVENOR | CO-ORDINATOR |
| 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)
Gowdavelly, Near Kompally, Medchal, Hyderabad, India. www.hitam.org

In Association with
**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

Students Achievements

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



- *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”.*







- *MOHAMMAD NAYAB AHMED, BATTU ABHISHEK, HASANABADA SANJAY, SANGAM UDAYKANTH participated in the TechnoPHILIA-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”.*

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**

| | | | |
|---|---|---|---|
|  Shipra 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 |
|---|---|---|---|

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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

Paper ID:
ICAEEE - 052



CERTIFICATE

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 30th & 31st March 2022.



www.smecc.ac.in



Dr. N. Ramechandra
Convener &HOD (EEE)



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

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

| 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**

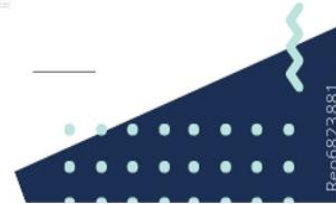



Shilpa K. Rudrawar
Convener
TechnoPHILIA'22


Dr. Dipti Sakhare
Dean
School of Electrical Engineering


Dr. Mahesh D. Gaudar
Director
MIT AOE, Alandi


H.S. Pansare
ISA, President
Pune Section



Rec06823881

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



- *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”.*



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



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

