



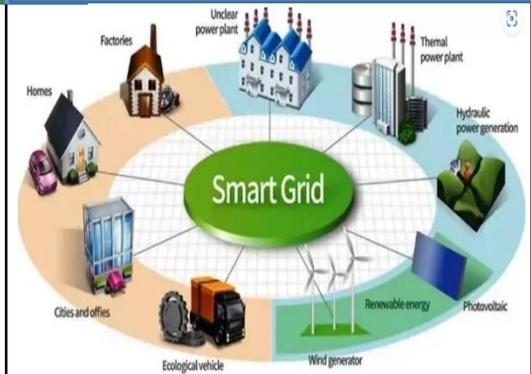
Jan 2023-March 2023 (Vol-15)

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

Mrs. U. DIVYA, 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 career, 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 which 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, and PSPICE tools.

Department New Jonie

- *Mrs U. DIVYA M Tech (PE) Newly joined as a Asst.Professor in EEE Dept on MAR 1st, 2023. Having 3.8 years' experience in Teaching St. Mary's College of Engineering And Technology From 20 Feb 2015 to 29 Aug 2018.*
- *I have good idea on MATLAB Simulink & How to use in Automotive Domain.*
- *Completed M Tech in 2015 Specialization is Power electronics in BECN Under JNTUA.*
- *Completed B.Tech in 2011 Specialization is EEE in NECG Under JNTUA.*

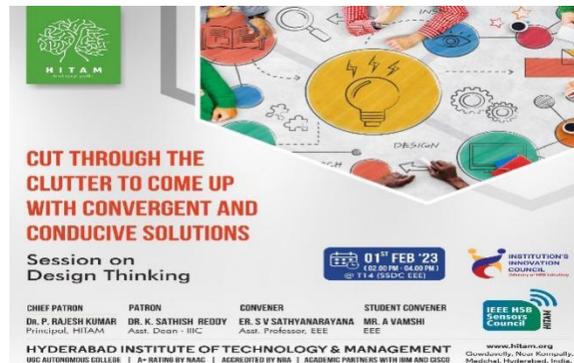


Department Events

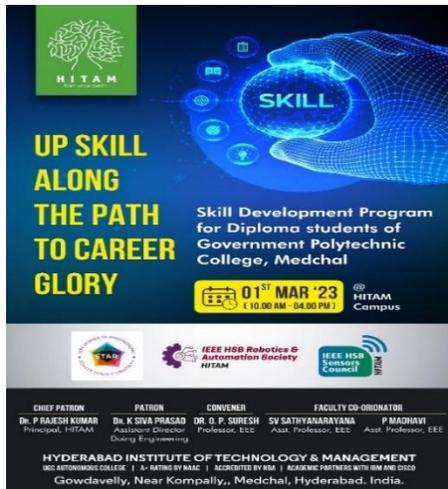
- *Mr S.V.Sathyanarayana & Ms P.Madhavi, Asst EEE Dept. Organized Event At HITAM i.e. A two- days Workshop on “Real Time Applications of Sensors with IOT” on MAR31st &APR1st 2023.*



- *Mr S.V. Sathyanarayana, Asst Prof, from the EEE Dept Conducted Session on Design thinking At Hyderabad Institute Of Technology & Management on FEB 1st, 2023.*



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- *Mr S.V. Sathyanarayana & Ms P. Madhavi, Asst EEE Dept. Organized Event At HITAM i.e. skill Development Program for Diploma Students of Government Polytechnic College, Medchal held on MAR 1st, 2023.*



Department Industrial Visits

- *II EEE students visited the 33/11KV Bahudharpally Substation on 10th Feb 2023. The main objective of this visit is all about learn new things by exploring the various parts of the Electrical Equipment & ratings of transformers and how the power is distributed.*



- *III EEE students visited the LED Chip Industries pvt Ltd ,Kushaiguda on 28th Feb 2023. The main objective of this visit is all about learn new things by exploring the various parts of the Electrical Equipment .*



Paper Publications

S.no	Faculty Name	Journal Name	Title	Year
1.	Dr.M.Chiranjivi	ICCSPC-2023	Transformer Overload alert with voice announcing feature	17-18 April 2023
			Optimization of Renewable energy system for charging of Battery	
2.	MrM.Siddartha	ICCSPC-2023	IoT Based vehicle ignition system	17-18 April 2023
3.	Mrs M.Rani	ICCSPC-2023	EV BMS With charge monitor and fire protection"	17-18 April 2023

- Mr. M.Chiranjivi, Shay Adithya Kumar, Y. Dinesh Kumar Reddy, S. Anurag Reddy, N. Uday Kiran, "Transformer Overload alert with voice announcing feature", International

Conference on Communications, Signal Processing and Computing (ICCSPC-2023), 17-18 April 2023.



- Mr. M.Chiranjivi, G. Kranthi sai ram, Govind Kumar, V. Sai ram Reddy, I. Ganesh, "Optimization of Renewable energy system for charging of Battery", International Conference on Communications, Signal Processing and Computing (ICCSPC-2023), 17-18 April 2023.



- Mr M.siddartha, M.Soumith,k.vamshi krishna ,Zubair khan, s.sai Vaibhav raju "IoT Based vehicle ignition system" international conference on communication signal processing and computing(ICCSPC-2023) 17-18 April 2023.
- Mrs M..Rani,chintham vamshikrishna,chithapoola vijay,katroth krishna kanth ,N.Shiva prasad reddy"EV BMS With charge monitor and fire protection" international conference on communication signal processing and computing (ICCSPC-2023) 17-18 April 2023. .

Faculty Achievements

S.no	Faculty Name	Achievement	Course Type	Date
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1.	<i>Mr. S.V. Sathyanarayana</i>	<i>Data Science for Engineers</i> 56%	NPTEL	Jan - Apr2023
2.	<i>Mr. S.V. Sathyanarayana</i>	<i>Introduction to Internet of Things</i> 83%	NPTEL	Jan - Apr2023
3.	Mrs P.Madhavi	<i>Introduction to Internet of Things</i> 79%	NPTEL	Jan - Apr2023
4.	Mrs P.Madhavi	<i>Data Analytics with Python</i> 57%	NPTEL	Jan - Apr2023

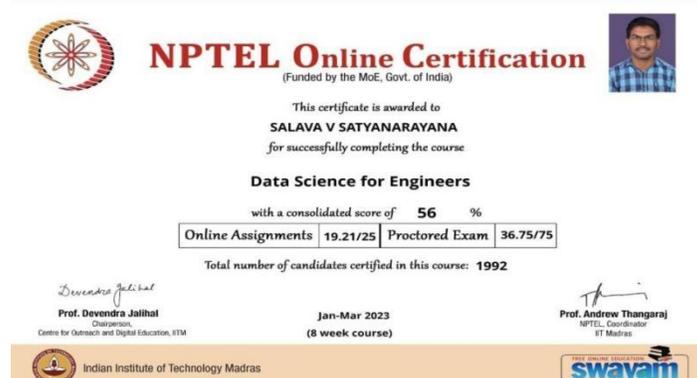
- *Mr. S.V. Sathyanarayana Asst Prof., From EEE Department got the Best Performer award and Most Continuous Award for the academic year 2021-2022.*



- *Mr. P.Anjaiah Best Lab Assistant., From EEE Department got the Best Lab Assistant.Performer award for the academic year 2021-2022.*



- *Mr. S.V. Sathyanarayana Asst Prof., From EEE Department Successfully completed the course on Data Science for Engineers With Consolidated score of 56%Jan-APR 2023.*



- *Mr S.V. Sathyanarayana , Asst EEE Dept. Successfully completed the Course in Introduction to Internet of Things with a consolidation score of 83% organized by NPTEL Online Certification on JAN_ APR 2023.*

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SALAVA V SATYANARAYANA
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **83** %

Online Assignments	24.35/25	Proctored Exam	58.5/75
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Total number of candidates certified in this course: **14770**

Jan-Apr 2023
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam
FREE ONLINE EDUCATION
Infra work, zero cost

Roll No: NPTEL23CS51563756588 To validate the certificate No. of credits recommended: 3 or 4

➤ Ms P.Madhavi , Asst EEE Dept. Successfully completed the Course in Introduction to Internet of Things with a consolidation score of 79% organized by NPTEL Online Certification on JAN_APR 2023.

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
PILLALAMARRI MADHAVI
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **79** %

Online Assignments	24.56/25	Proctored Exam	54/75
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Total number of candidates certified in this course: **14770**

Jan-Apr 2023
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam
FREE ONLINE EDUCATION
Infra work, zero cost

Roll No: NPTEL23CS51563756428 To validate the certificate No. of credits recommended: 3 or 4

➤ Ms P.Madhavi , Asst EEE Dept. Successfully completed the Course in Data Analytics with Python with a consolidation score of 57% organized by NPTEL Online Certification on JAN_APR 2023.

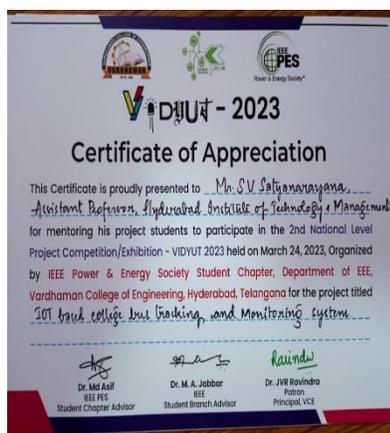


Faculty Participations

S.no	Faculty Name	Participatio n Event Name	College	Title	Year
1.	Mr S.V. Sathyanarayana	VIDYUT 2023	Vardhamam College of Engineering ,Hyderabad	IOT based College bus tracking and monitoring system.	MAR 24 th 2023

		<i>TEMSMET 2023</i>	<i>Vidya Vikas institute of Engineering And Technology, Mys uru</i>	<i>Big Data Analytics For Electrical Systems Using Machine Learning Algorithms</i>	<i>10th & 11th feb 2023</i>
		<i>Virtual FDP</i>	<i>jointly organized by Koneru Bhaskara Rao & Hemalata Human Development Foundation & HITAM.</i>	<i>Creating Engaging OER for engineering Education</i>	<i>8th- 10th MAR 2023</i>
				<i>Open Educational Resources(OER)</i>	<i>3rd MAR 2023.</i>
<i>2.</i>	<i>Mrs M.Rani</i>	<i>Master Class</i>		<i>DATA SCIENCE</i>	<i>13th Apr 2023.</i>

- *Mr S.V. Sathyanarayana, Asst Prof, from the EEE Dept got the appreciation certificate in the 2nd National Level Project Competition /Exhibition -VIDYUT 2023 held on MAR 24th 2023,Organized by IEEE power & Energy Society Student ,Department of EEE,Vardhamam College of Engineering ,Hyderabad ,Telangana ,for the project titled IOT based College bus tracking and monitoring system.*



- *Mr. S.V. Sathyanarayana & Ms. P. Madhavi From EEE Department Presented a Paper entitled “Big Data Analytics For Electrical Systems Using Machine Learning Algorithms” In IEEE 3rd International Conference on TEMSMET 2023 Organized by Vidya Vikas institute of Engineering And Technology,Mysuru on 10th & 11th feb 2023.*



- *Mr S.V. Sathyanarayana , Asst EEE Dept. Successfully completed the Virtual FDP in Creating Engaging OER for engineering Education on 8th-10thMAR 2023 jointly organized by Koneru Bhaskara Rao & Hemalata Human Development Foundation& HITAM.*



- *Mr. S.V. Sathyanarayana From EEE Department Successfully completed self-learning online course on Understanding Open Educational Resoureces(OER) on 3rd MAR 2023.*



- Mrs M. Rani, Asst Prof., from the EEE Dept. Successfully completed Master Class On DATA SCIENCE on 13th Apr 2023.



Student Achievements

Roll Num	Name	Event	Title	Award	Date
19E51A0212	SAI PREETHAM	National level TechFest VALOROUS2K23	IOT Based Hand Hygiene System.	First Prize	13& 14 Mar 23
18E51A0212	DIVYA SREE				
19E51A0203	<i>B. Roshini</i>	ELYSIAN	Smart Bag for Women's Safety	First prize	24 th Ap 23.
19E51A0222	<i>P.Akash</i>				
20E55A0219	<i>M.Bharath</i>				
20E55A0220	<i>M.Sai Nikhil</i>				
21E55A0219	<i>K. Anand</i>	ELYSIAN	<i>the circuit debugging</i>	First prize	24 th Apr2023
20E51A0220	<i>Vasavi Priya</i>	ELYSIAN	Paper Presented	Third Prize	24 th Apr2023
20E51A0210	<i>Devi priya</i>				
21E55A02	<i>K Anand</i>				
21E51A0202	<i>Vamshi</i>	A two- days Workshop on "Real Time Applications of Sensors with IOT"	Air pollution monitoring system	First Prize	31st Mar& 1 st Apr 23
22E55A0216	<i>saiteja</i>				
22E55A0209	<i>Vishnu</i>				
22E55A0221	<i>Akhil sai</i>				

- *The IV EEE Students SAI PREETHAM and DIVYA SREE Got first Prize in the Paper presentation conducted in MLRIT as a National level TechFest, VALOROUS2K23 in the month on 13&14th23 .*
- *The II EEE Students attended the Work Shop conducted in HITAM as a A two-days Workshop on "Real Time Applications of Sensors with IOT" in the month of 31stMar&1stApr23 and got First Prize in this competition with the title Air Pollution Monitoring System.*



- The III year Student(K. Anand) attended and got the First prize in the circuit debugging conducted in ELYSIAN on 24th Apr2023.



- The IV year Students(B.Roshini, P.Akash,M.Bharath,M.Sai Nikhil) attended and got the first prize in the Paper presentation conducted in ELYSIAN on 24th Apr 23.



- The III year Students (Vasavi Priya, Devi priya, K Anand) attended and got the third prize in the Paper presentation conducted in ELYSIAN on 24th Apr 2023.



Student Participations

- *The below Students attended the Project Expo conducted in MLRIT as a National level TechFest, VALOROUS2K23 in the month on 13&14th 23 .*
- *The below Student attended the MAHOTSAV & Expo conducted in UBAI as a “UNNATI” in the month on 17&18th 23 at IIT Delhi.*
- *The below Students attended the Work Shop conducted in HITAM as a A two-days Workshop on “Real Time Applications of Sensors with IOT” in the month of 31st Mar & 1st Apr 23.*

Roll Num	Name	Event	Title	Award	Date
19E51A0201	A.SOWMYA	<i>National level TechFest VALOROUS2K23</i>	Battery Management System and State of Charging for Electrical Vehicles	Participation	13& 14 Mar 23
19E51A0215	M.VAISHNAVI				
19E51A0216	M.KATYAYANI				
19E51A0220	P.NAVEEN				
19E51A0212	SAI PREETHAM	MAHOTSAV & EXPO Symposium, Promethean 2k22	Arduino-Based Home Automation Using Bluetooth	Participation	17&18 Mar 23
20E55A0201	A.SANDEEP KUMAR	<i>National level TechFest VALOROUS2K23</i>	Smart Energy Meter	Participation	13& 14 Mar 23
19E51A0208	J.ANU REDDY				
20E55A0218	M.ESWAR				
20E55A0224	P.KIRAN KUMAR REDDY				
20E55A0207	B.VISHWANATH	<i>National level TechFest VALOROUS2K23</i>	IOT Based Bus Tracking and Monitoring System	Participation	13& 14 Mar 23
20E55A0212	D.ANIL SAI				
20E55A0230	V.AKANKSHA				
19E51A0214	M.MANASA				
19E51A0203	B.ROSHINI	<i>National level TechFest VALOROUS2K23</i>	Smart Bag for Women’s Safety	Participation	13& 14 Mar 23
19E51A0222	P.AKASH				
20E55A0219	M.BHARATH				
20E55A0220	M.SAI NIKHIL				

21E51A0211	<i>Sindhu sagar</i>	A two- days Workshop on “Real Time Applications of Sensors with IOT”	<i>Smart water heater</i>	Participation	31st Mar& 1 st Apr 23
21E51A0213	<i>Bhargavi</i>				
21E51A0205	<i>umesh reddy</i>				
	<i>mahesh</i>				
22E55A0220	<i>S. Sandeep reddy</i>	A two- days Workshop on “Real Time Applications of Sensors with IOT”	<i>Vechile tracking system</i>	Participation	31st Mar& 1 st Apr 23
22E55A0204	<i>Mahalaxmi</i>				
22E55A0201	<i>Paul nayak</i>				
22E55A0207	<i>Rakesh</i>				
21E51A0212	<i>Kailash</i>	A two- days Workshop on “Real Time Applications of Sensors with IOT”	<i>Smartbin</i>	Participation	31st Mar& 1 st Apr 23
21E51A0203	<i>Ayush gupta</i>				
22E55A0211	<i>wasim</i>				
21E51A0214	<i>sufiyan</i>				
21E51A0209	<i>Shanmukh</i>	A two- days Workshop on “Real Time Applications of Sensors with IOT”	<i>Smartbin</i>	Participation	31st Mar& 1 st Apr 23
22E55A0217	<i>Rahul</i>				
22E55A0214	<i>pranay</i>				
22E55A0206	<i>Harikrishna</i>	A two- days Workshop on “Real Time Applications of Sensors with IOT”	<i>Automatic sanitizer</i>	Participation	31st Mar& 1 st Apr 23
22E55A0222	<i>Sandeep pavan kalyan</i>				
22E55A0210	<i>praneeth</i>				
22E55A0205	<i>Rajesh</i>	A two- days Workshop on “Real Time Applications of Sensors with IOT”	<i>Alcohol detector</i>	Participation	31st Mar& 1 st Apr 23
21E51A0216	<i>vinay</i>				
21E51A0204	<i>B. Rohith</i>				
21E51A0207	<i>D. sandeep</i>				



National Program for Demonstration and Dissemination of select Technologies of Unnat Bharat Abhiyan Institutions

MAHOTSAV & EXPO "UNNATI"

Unnat Bharat Abhiyan Networking for National Atmanirbhar Technological Intervention

ORGANISED BY

उन्नत भारत अभियान

NATIONAL COORDINATING INSTITUTION, (IIT DELHI)

CERTIFICATE OF PARTICIPATION

This Certificate is presented to

K. Sai Prutham

Hyderabad Institute of Technology and Management, Hyderabad

For participating in Mahotsav & Expo "UNNATI" organised by Unnat Bharat Abhiyan on

17th & 18th March 2023 at IIT-Delhi

Prof. V.K. Vijay
National Coordinator,
Unnat Bharat Abhiyan

Prof. Vivek Kumar
National Co-ordinator,
Unnat Bharat Abhiyan

Prof. Priyanka Kaulhal
National Co-ordinator,
Unnat Bharat Abhiyan



**MARRI LAXMAN REDDY
INSTITUTE OF TECHNOLOGY & MANAGEMENT**

(AN AUTONOMOUS INSTITUTION)
(Approved by AICTE, New Delhi & Affiliated to JNTU, Hyderabad)
NAAC Accredited Institution with 'A' Grade & Approved Under Section 2(F) & 12(B) of the UGC Act, 1956

CAWCET CODE: MLR03

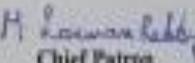


Participation Certificate

This certificate is awarded to Mr./Ms P. KIRAN KOMAR REDDY
student of H3-TAM-EEE has participated
in the event PROJECT EXPO A National Level
Techfest, VALOROUS 2K23, held at Marri Laxman Reddy Institute of Technology & Management,
Vendigal, Hyderabad, during 13th & 14th March-2023.


Conveher
Dr. A. Vinod
HOD-EEE


Patron
Dr. K. Venkateswara Reddy
Principal


Chief Patron
Sri. Marri Laxman Reddy
Chairman

www.mlritm.ac.in

