



Hyderabad Institute of Technology And Management



ISSUE of July 2025– Dec 2025

PAGE 1

Where dreams find
their path to reality.



Department of ECE News Letter .

Editorial Team: Dr. S V Devika

(Editor-in-chief) .

Mr. Kondalarao Punati

(Editor)

Chief Patrons :

▪ **Sri. Prashanth Arutla**
(Chairman Royal Educational Society)

▪ **Dr. S Arvind**
Principal, HITAM



NEWS LETTER

Vision and Mission of Institute

Vision of Institute:-

“To be a role model technological university of national repute that imparts research-based multi-disciplinary competencies in students to enable their career aspirations and contribute to society.”

Mission of Institute:-

Build students' competencies through HITAM's 'Doing Engineering' approach with relevant curriculum, pedagogy and assessment.

Collaborate with industry and institutions for capacity building in research, innovation and real time knowledge.

Develop employability skills for emerging trends and societal needs

Excel by adopting NEP 2020 and improving accreditations & national rankings.



HITAM
find your path

Hyderabad Institute of Technology And Management



PAGE 3

NEWS LETTER

Vision and Mission of Department

Vision of Department:-

“To achieve academic and research excellence in Electronics and Communication Engineering by imparting multidisciplinary skills that prepare students to meet industry needs, achieve career goals, and contribute to society.”

Mission of Department:-

To build a strong foundation in Electronics and Communication Engineering with a focus on practical skills, problem-solving and technical knowledge.

To promote a student-centric ecosystem that promotes innovation, multi-disciplinary learning, and collaborative research in emerging technologies.

To nurture socially responsible engineers by encouraging sustainable practices, ethical values, and active engagement with industry and community.



Program Educational Objectives (PEOs)

Program Educational Objectives

PEO1: *To exhibit strong team collaboration and professional competence in both IT and core electronic sectors.*

PEO2: *To excel in higher education and research with strong technical knowledge, critical thinking, and innovative skills in emerging technologies.*

PEO3: *To address society needs through multidisciplinary engineering projects approach.*



NEWS LETTER

Achievements

- 22E51A0420-Chaitanya and 22E51A0430-Deepak placed in ORC
- Dr. B. Lokeswara Rao Ratified as Professor in JNTU Hyderabad
- Mr P Santhosh successfully completed IUCEE Felder Brent Effective Teaching and Learning Course 2024-25.
- Heramba Sai Ganesh - 22E51A0436 and B Manasa -22E51A0405- selected for Paid internship in DRDO.
- Tharun - 22E51A0461, Alekhya - 22E51A0454, Shayanidhi - 22E51A0418 and Poorvi - 23E55A0402 got IOT internship in emertxe.



NEWS LETTER

Achievements

- Ravi Krishna- 22E51A0435 got internship in ECIL.
- Akhila- 22E51A0453 and Alekya - 22E51A0454 completed internship in 1M1B Green skill Academy (AICTE).
- III ECE Boys secured 1st place in Kabbadi in National sports Day.

- Ananya Dixit -24E51A0404,
 - 2nd place in Olympic day run
 - 2nd place in badminton internal tournament
 - participation in international level hackathon in Sandip University.



NEWS LETTER

Achievements

- 1st place in Kabbadi in National sports Day.
- P Santhosh achieved **GOLD** in NPTEL course “System Designing through Verilog”.
- 23E55A0406-Sai Krishna successfully completed internship program RTL designing from KT semicon.
- 22E51A0436-Heramba, 22E51A0449-Ali and 24E51A0404-Ananya Dixit participated in Yukti Innovation program at GRIET.
- 24E51A0414-ch. Harshitha secured 1st place in POSTERX 2025 competition organized by IEOM student chapter.



HITAM
find your path



NEWS LETTER

Achievements

- Dr. Devika SV Ratified as Associate Professor from JNTUH.
- Dr. J. Rajeshwar Goud Ratified as Associate Professor from JNTUH.
- Mrs. V. Tejaswi got Ph.D. admission in VTU Karnataka.
- Dr. Satish K has been given guideship from VTU Karnataka.



NEWS LETTER

➤ Dr. S. L Pratapa Reddy, **Dr. J. Rajeshwar Goud**, V. Nagendra, K Divya Lakshmi and M. Silpa published a Book entitled “**Analog and Digital Communication System**” Kindle Edition, July 2025.

➤ P. Sivaprakash, V. Mosherani, K. Rajalakshmi, G. N P, V. Kavitha and K. Haritha, "Stress Detection using Neural Network Classification and Feature Extraction based on Genetic Algorithms," 2025 3rd International Conference on Data Science and Information System (ICDSIS), Hassan, India, 2025.

➤ M. Sivasubramanian, K. Punati, J. B. Pankiraj, D. B, V. U. Rani and V. Kiranmayee, "Empowering DR Assessment: A DenseNet-CBAM Driven Approach," 2025 3rd International Conference on Data Science and Information System (ICDSIS), Hassan, India, 2025.

➤ P Santhosh published a book chapter “Edge AI Implementation for Ultra Low Power Data Processing in Next Generation Pacemaker Devices” in rademics.

Publications



NEWS LETTER

- Dr. Devika SV has published 3 papers in AIP conference proceedings which is reflected in Scopus. INTERNATIONAL CONFERENCE ON ADVANCEMENTS IN SUSTAINABLE ENERGY, MATERIALS, AND MANUFACTURING TECHNOLOGY: ICASMMT2024.

Publications

- ❑ Title of the paper: A Case Study on Transformation of the Green Campus Into Smart Campus- Impact of Emerging Technology in UG Engineering Students
- ❑ Title of the paper: Prediction of Energy Requirement and Supply Using Supervised Machine Learning Algorithms.
- ❑ Title of the paper: Experimental Analysis of Fuel Oil Extracted From Plastic Waste.



NEWS LETTER

- Dr. K Sathish Reddy presented a paper entitled “Transformer Based Multi Spectral Future Fusion Network for semantic segmentation and classification of Remote sensing images” IEEE conference at Mysore Royal Institute of Technology .
- Mr. P Santhosh published a book chapter entitled “IoT and AI Applications for Reducing Water Usage: Advanced Strategies for Smart Irrigation and Conservation” in Rademics.
- Dr. Devika authored a book titled on “ Electromagnetic waves and radiating systems”

Publications



NEWS LETTER



S. Alekhya-22E51A0454
successfully completed the
NSS tenure at HITAM.

NSS

R. Harini-22E51A0443
successfully completed
the NSS tenure at
HITAM.





HITAM
find your path

Hyderabad Institute of Technology And Management

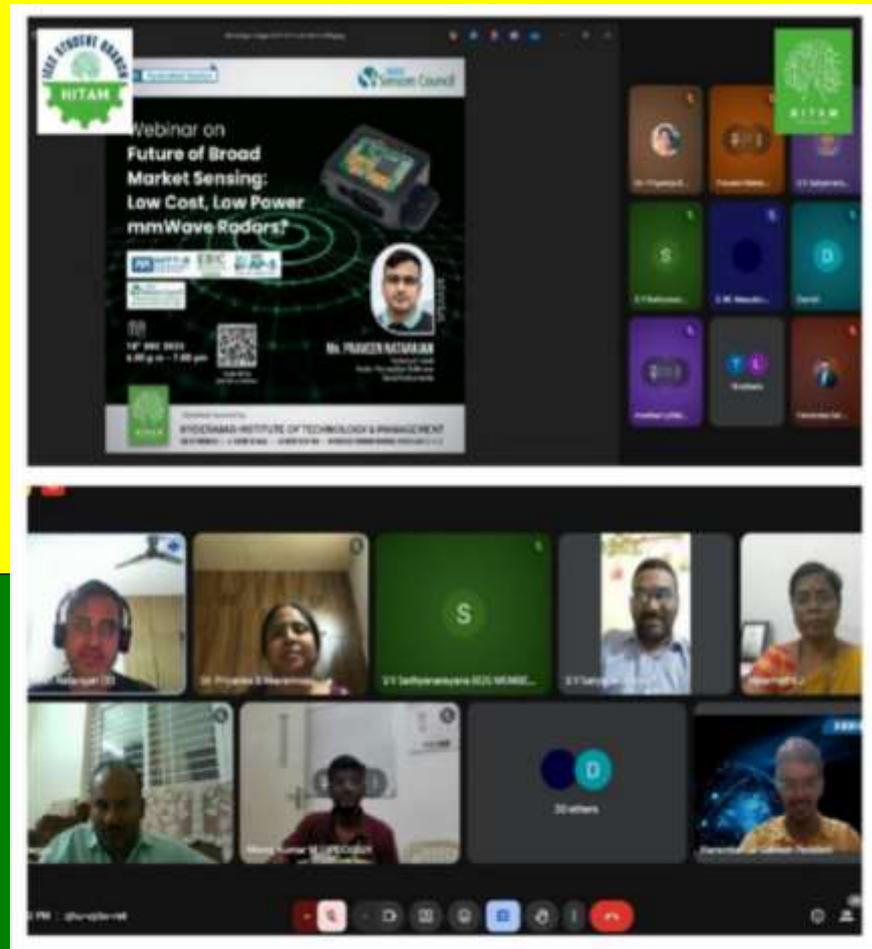


PAGE 8

NEWS LETTER

A webinar on **“Future of Broad Market Sensing: Low cost Low power mm Wave Radars”** by Mr Praveen Natarajan hosted by the **IEEE Student Chapter**

Webinar





Hyderabad Institute of Technology And Management



NEWS LETTER

- Conducted 2-day workshop on Raspberry Pi on 24th and 25th October 2025.

Workshop

Unleashing the power of 'little genie'

A two day Workshop on **Basics of Raspberry Pi**

Learn to structure, write, and publish impactful research with expert guidance.

by **Mr. ABHINAV MUNIGALA**
Learning & Data Operations Associate (STEM)
Orbit Learning Private Limited

24th-25th Oct 2025 | 9:00 am to 4:00pm
@ COE- IOT Centre, 3rd Floor, Activity Block

CHIEF PATRON
Dr. ARVIND
Principal
HITAM

PATRONS
Dr. K. SATISH REDDY
Asst. Dean IIC
HITAM

Dr. J. RAJESHWAR GOUD
Program Head, ECE
HITAM

CONVENER
Ms. V. DEASWI
in-Charge COE-IOT
HITAM

CO-CONVENOR
Ms. CH. SHANTHAPRIMA
Faculty COE-IOT
HITAM

STUDENT COORDINATORS
SHAKH THAKHAR ALI
Student Dean ECE

HYDERABAD INSTITUTE OF TECHNOLOGY & MANAGEMENT
UGC AUTONOMOUS | A+ RATING BY NAAC | ACCREDITED BY MCA | INTEGRATED TWINNING PROGRAM: B.TECH & MS (3+1) | www.hitam.org
Goodwaljelly, Near Kompally, Medchal, Hyderabad, India.