



Hyderabad Institute of Technology And Management



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Where dreams find
their path to reality.



Department of ECE News Letter .

Editorial Team: Dr. J Rajeshwar Goud
(Editor-in-chief) .

Mr. Kondalarao Punati
(Editor)

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

▪ **Dr. Rajesh Panakala**
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.



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Hyderabad Institute of Technology And Management



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NEWS LETTER

Vision and Mission of Department

Vision of Department:-

“To achieve academic excellence in Electronics and Communication Engineering education and to train students in contemporary core technologies by developing them into skillful engineers inspired with human values and social needs”.

Mission of Department:-

Facilitating the students with innovative pedagogy and quality infrastructure to acquire knowledge and skill in Electronics and Communication Engineering.

Training students in doing projects, meeting latest technologies.

Nurturing students for understanding and serving society with a concern for environment



Program Educational Objectives (PEOs)

Program Educational Objectives

***PEO1:** Our graduates will be competent enough to work in team for IT as well as for core electronic industry globally*

***PEO2:** Graduates will be leading a successful career in the research and development*

***PEO3:** Our graduates will be addressing societal needs through multidisciplinary engineering projects approach*



NEWS LETTER

Achievements



Research in Engineering Education Symposium

CERTIFICATE OF APPRECIATION

This is to certify that

Prof/Dr/Mr/Ms Santhosh Pokala
from

Hyderabad Institute of Technology and Management

has contributed as a reviewer to the Research in Engineering Education Symposium, 2024, held at
KLE Technological University, Hubballi, India from Jan 4-6, 2024.

Your meticulous attention to ensuring the quality of papers is appreciated

Dr. Gopalkrishna Joshi
Vice Chancellor,
MIT Vishwapravayag University,
Solapur - India

Dr. Ashok Shettar
Vice Chancellor,
KLE Technological University,
Hubballi - India



NEWS LETTER

Achievements

- ❖ V.Ravi Kiran (21E55A0413). He is selected for 6-month Entrepreneurship Development Program internship at National Institute of Pharmaceutical Education and Research(NIPER), scheduled from January to June 2024.
- ❖ Mr. P Santhosh, Dr. J Rajeshwar Goud and Mrs. V. M. Rani Published a paper “**GSM BASED AUTOMATED WATERING SYSTEM FOR PLANTS**” in Journal of Nonlinear Analysis and Optimization in Feb 2024.
- ❖ Mr. R Jagadeesh , Dr. J Rajeshwar Goud Dr. S. V. Devika and Dr. S. Aravind Presented a paper “**Analyse & Design Dual band Elliptical microstrip Patch antenna**” in International conference on Recent Challenges in Science, Engineering and Technology- ICRCSET-2024 at Chelapathi Institute of Technology.



NEWS LETTER

Achievements

- ❖ Akshitha Thakur, E Sharath Bhargav, E Sai Kiran, Vijay Kumar, K Bindu Madhavi Presented a paper **“Enhancing Wild Life Conservation: Employing Yolo V5 Algorithm For Primate Identification”** in International conference on Recent Challenges in Science, Engineering and Technology- ICRCSET-2024 at Chelapathi Institute of Technology.
- ❖ Dr. Arvind S, Dr. Devika SV, Ms. V Moshe Rani, Mr. Kondala Rao Presented a paper **“Comparing VGG-16 and SqueezeNet in Automated Food Image Classification: A Deep Learning Perspective”** in International conference on Recent Challenges in Science, Engineering and Technology- ICRCSET-2024 at Chelapathi Institute of Technology.
- ❖ Dr. Devika SV, Dr. Arvind S, Mr. Kondala Rao Presented a paper **“Comparative Analysis of Microstrip Antenna Arrays: Evaluating Performance between Rectangular and Square Patch Antennas”** in International conference on Recent Challenges in Science, Engineering and Technology- ICRCSET-2024 at Chelapathi Institute of Technology.



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Achievements

- ❖ Mr. P Santhosh, Dr. J Rajeshwar Goud, Bhargavi, B. Nagesh and Tarun Published a paper “**Digital Pedometer Morse Code Decoder Water Quality Monitoring**” in International conference on Recent Challenges in Science, Engineering and Technology- ICRCSET-2024 at Chelapathi Institute of Technology.
- ❖ Banda Shiva Rakshitha, Bandaru Sai Uday Kiran, P. Akshay, Shrenik Balaji Sirimilla and Dr. K. Bindu Madhavi Presented a paper “**Moving Target Detection using Deep Learning**” in International conference on Recent Challenges in Science, Engineering and Technology- ICRCSET-2024 at Chelapathi Institute of Technology.
- ❖ Mr. Kondala Rao, V. Moshe Rani Dr. Devika SV, Dr. Arvind S Presented a paper “**UTILIZING ARDUINO FOR MONITORING THE HEALTH OF INDIVIDUAL TREES IN FOREST ECOSYSTEM**” in International conference on Recent Challenges in Science, Engineering and Technology- ICRCSET-2024 at Chelapathi Institute of Technology.



NEWS LETTER

Achievements

- ❖ Dr. Arvind S, Dr. Devika SV, Mrs. Bindu Madhavi, Akshitha Thakur and Sharath Bhargav Presented a paper “**Hydro-Optical Connectivity: Remote Data Exchange in Submerged Settings**” in International conference on Recent Challenges in Science, Engineering and Technology- ICRCSET-2024 at Chelapathi Institute of Technology.
- ❖ Dr. Arvind S, Dr. Devika SV and Mr. R. Jagadeesh Chandra Prasad Presented a paper “**Matrices to Manuscripts: MATLAB's Dual Recognition Capabilities for Images and Handwritten Characters**” in International conference on Recent Challenges in Science, Engineering and Technology- ICRCSET-2024 at Chelapathi Institute of Technology.
- ❖ Moshe Rani, Dr. J Rajeswar Goud, P Santhosh and Venkanna Babu Presented a paper “**SMART FIRST-AID KIT AND MEDICINE PLANNER FOR IMPAIRED PEOPLE**” in International conference on Recent Challenges in Science, Engineering and Technology- ICRCSET-2024 at Chelapathi Institute of Technology.



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NEWS LETTER

Achievements

- ❖ 28 Students got selected for AMD AI Hackathon Program for 1st Round.
- ❖ Shailesh-21E51A0443 received 2nd prize in t in the IUCEE-AAVISHKAR MANTHAN event at Malnad College of Engineering, Hassan, Karnataka .





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NEWS LETTER

Achievements

- ❖ III ECE Richitha, Aishwarya, Sravani and Nikitha 1st Prize at NIMSME WOMEN HACKATHON held on 7th March 2024.
- ❖ III ECE Nithya, Tisha, Tejasri and Asrutha 3rd Prize at NIMSME WOMEN HACKATHON held on 7th March 2024.





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INTRA INNOVATION COMPETITION organized on 23/03/2024

NEWS LETTER

INTRA INNOVATION





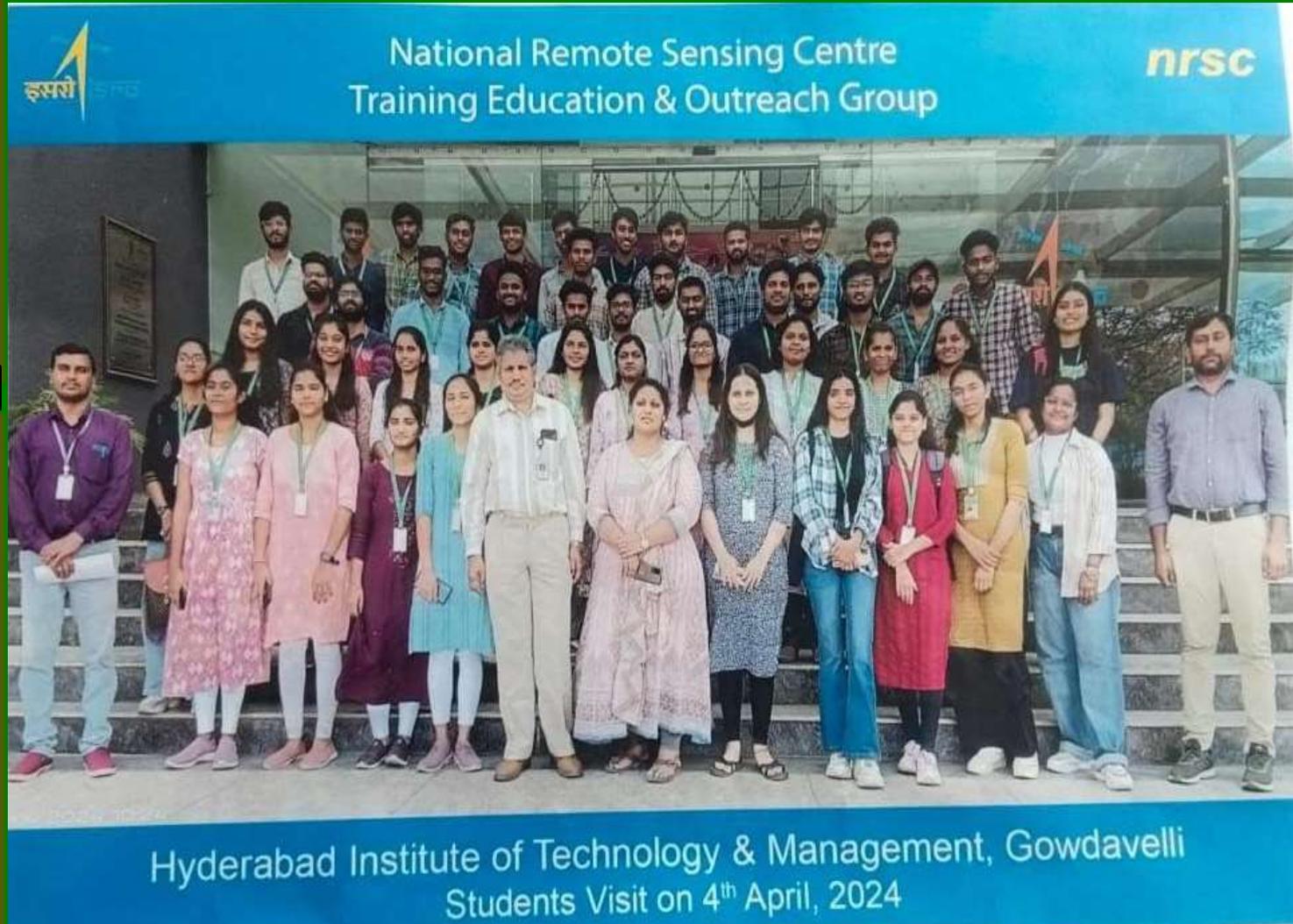
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NEWS LETTER

Visit to NRSC





Hyderabad Institute of Technology And Management



NEWS LETTER

- Students explored innovative green technologies like energy-efficient lighting, rainwater harvesting systems, waste management, and renewable energy systems.
- The visit also included case studies of iconic green buildings certified by IGBC and their impact on the environment and communities.

IGBC Visit

