



Hyderabad Institute of Technology And Management



ISSUE of JAN 2023– JUNE 2023

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. Rajesh Panakala**
Principal, HITAM



Hyderabad Institute of Technology And Management



PAGE 2

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.



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 in January

- 1 paper titled “ For A Cause (FAC), An NGO Contributing to the Society-A Case Study On Transformation Of Undergraduate Students through Community Engagement” was presented in ICTIEE Conference
- Mr. Jagadeesh won first prize in “ Faculty Ideation” and won 2500 cash prize
- Dr. Devika SV received IGIP award by IUCEE
- Mr. Kondala Rao Punati and Dr. Julaiba received IIEECP certifications

Student Achievements:

- Mr. Sohail of IV ECE received “Outstanding Leader award” from IUCEE
- Ms. Akshitha Reddy and Mr. Yesho pavan successfully completed Sustainability course from IUCEE.

Achievements in the month of Jan 2023



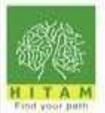
CONGRATULATIONS !

MOHAMMED SOHEL
4th Year, ECE

EXCELLENCE IN

STUDENT LEADERSHIP AWARD

IASF - ICTEE INTERNATIONAL CONFERENCE 2023



Faculty Sports 2022

SNO	Sport	Winner	Runner
1	Volley Ball	Admin	ECE
2	Cricket	Admin	MECH
3	Badminton - Men Double	ET	ECE
4	Badminton - Women Double	H&S	Admin
5	Badminton - Singles	ET	ECE
6	Throw Ball	EEE & Admin	H&S
7	Tennikoit	ET & Mech	Admin
8	Carroms	CSE	Admin
9	Chess	ECE	Mech
10	Table Tennis - Doubles	ECE	Mech



Hyderabad Institute of Technology And Management



PAGE 7

NEWS LETTER

Achievements in February

- III ECE students attended **BVRITH** fest and bagged 2 prizes circuit building with cash prize of Rs. 10,000/- and Rs. 2000/- under the guidance of **Ms. Tejaswi and Mr. Jagadeesh**
- **1 student team from III ECE** won prize in **VNRVJIET** Ideation competition
- **2 papers published in UGC journal** titled: 1) Automated exhaust fan control system based on smoke and gas” & 2) Automated soldier health tracking and monitoring system” by IV ECE students under the guidance of **Ms. Tejaswi**
- 1 Book chapter is published by **Mr. Rajeshwar Goud** on Taylor and Francis series on Antenna Design





Hyderabad Institute of Technology And Management



NEWS LETTER

Achievements in March

Project Agreement

Date	Services Performed by	Services Performed For:
Mar 10, 2023	Hyderabad Institute of Technology and Management	Kritsnam Technologies Pvt. Ltd.

Table 1

This Project Agreement (hereinafter called the "PA") is issued pursuant to the Consulting Services between Kritsnam Technologies Pvt. Ltd. ("Client") and Hyderabad Institute of Technology and Management ("Developer") represented by Dr. P. Rajesh Kumar, effective 10-March-23. Dr. Omprakash Gottam will be the Single Point of Contact (SPoC) from the Developer. This Agreement is subject to the terms and conditions which is agreed between the parties and is made a part thereof. In the event of any conflict or inconsistency between the parties of this Agreement, the terms of this Agreement shall govern and prevail.

Period of Performance

Commenced on	Mar 20, 2023
Duration (Phase 1)	Apr 15, 2023
Duration (Phase 2)	Jun 15, 2023

Table 2

Requirements

The project is divided into two phases. Phase 1 contains the implementation of the algorithm, and demonstrating the same. The overall objective is to see the behavior of different parameters on computation and accuracy of the results.

Requirement ID	Description	Remarks
Phase 1		
R01	Shall implement algorithm mentioned in Paper - 1[1] in Matlab	
R02	Shall demonstrate the Algorithm using standard Sinusoidal inputs with a	

Consultancy for Signal Processing

External Inbox

Prudhvi Sagar Mar 4
to me, Sai ^

From Prudhvi Sagar · prudhvi@kritsnam.com
To omprakashg.ece@hitam.org
Cc Sai Krishna · saikrishna@kritsnam.com
Date Mar 4, 2023, 12:52
Standard encryption (TLS).
View security details

Hello Omprakash,
We would like to collaborate with you for the Signal processing project involving Delta Time of Flight measurement. Committed duration is 2 hours per day and a compensation of Rs 750/hour. The project duration is for 6 months and billing will be done monthly.

- **Dr. Om Prakash received consultancy project titled: "Signal Processing in Delta Time of Flight Measurement" 6 months project with consultancy of Rs. 750/hour**



NEWS LETTER

3 Faculty attended and achieved certification in “ Creating Engaging OER for Engineering Education” a 3-day Virtual FDP.

1) Dr. Devika SV 2) Mrs. Bindu Madhavi K 3) Mr. Kondala Rao

OER FDP

OE WEEK 2023

Learn How To:

- Find OER
- Create engaging OER using LIP
- Publish interactive OER on LUMI Global
- Blend OER with Engineering Education

3-Day Virtual FDP on
Creating Engaging OER for Engineering Education

March 8-10, 2023
9:30AM - 1:00 PM IST
Registration Fee: INR 500

Dr. Indira Koneru Organisers Mrs. Sushumna Rao
KBR & HIL Human Development Foundation
&
Hyderabad Institute of Technology and Management (HITAM)

Registration Form URL
<https://forms.gle/Lf9KXQxZu01kq88>



CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

Dr. Devika SV SV
successfully completed the
3-Day Virtual FDP on
Creating Engaging OER for Engineering Education
8-10 March, 2023 | <https://openlearning.hdfoundation.in>
Jointly organized by
Koneru Bhaskara Rao & Hemalata Human Development Foundation
&
Hyderabad Institute of Technology & Management (HITAM)

Dr. Indira Koneru *Sushumna Rao* *P. Rajesh Kumar*
Dr. Indira Koneru Sushumna Rao Dr. P. Rajesh Kumar
Facilitator Facilitator Principal, HITAM



Hyderabad Institute of Technology And Management



NEWS LETTER



Mr. Prashanth Varma submitted paper in ICACIA International conference conducted by KL University which will be published by CRC press in Taylor and Francis Group

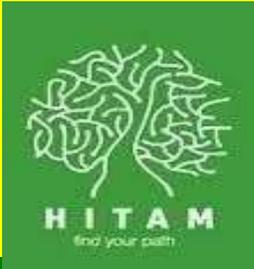
Publication & FDP



10 Faculty achieved certificates organised by NIT Warangal.

FDP titled: “New frontiers of IOT and ML for Smart world”

- 1) Dr. Devika SV
- 2) Mrs. Bindu Madhavi K
- 3) Mr. Kondal Rao
- 4) Mr. Santhosh P
- 5) Mr. Prashanth
- 6) Mr. Rajeshwar Goud
- 7) Ms. Rani
- 8) Mr. Jagadeesh
- 9) Dr. Omprakash
- 10) Mr. Nagababu



NEWS LETTER

Publications

Research Publication achievements:

- **4 faculty papers were accepted in IEEE Conference**
 - 1) Dr. Devika SV
 - 2) Mrs. Bindu Madhavi M
 - 3) Mr. Santhosh P
 - 4) Ms. Rani M
- **12 student papers were accepted for International Conference ICCSPC-23 International Conference on Communications, Signal Processing & Computing organised by Bapatla college of Engineering.**
- **4 Student papers were published in UGC care journal**



Hyderabad Institute of Technology And Management



NEWS LETTER

Achievements

Student Achievements:

- 1) **Ms. Akshith** of III ECE has been elected for the post of **Student Director** in SSG selections 2023
- 2) **Mr. Sarath** of III ECE has been elected for the post of **Student Dean Academics** in the SSG selections 2023
- 3) **Ms. Pranathi** of III ECE is part of IIT Bombay e yantra, on the project titled “Agribot” under the guidance of Dr. Shiva Prasad, ADDE.
- 4) **26 girl students of III ECE** successfully completed CTS training program

HATS OFF TO THE BRIGHT HITAMIGHTS!

Team HITAM emerged 5th in Stage - I and 13th in Stage - II of the prestigious annual eYantra Robotics Competition conducted by IIT Bombay that tests students' academic caliber, entrepreneurial spirit and innovative engineering. Over 3000+ colleges participated in it.

Team HITAM Successfully controlled AGRIBOT (at IIT, Mumbai) remotely from HITAM. Worked for over 6 months learning new industry standard technologies like ROS and Gazebo simulator.



VIDYA VEPOORI
3rd Year CSE
HITAM



PRANATHI CH
3rd Year ECE
HITAM



Congratulations

HYDERABAD INSTITUTE OF TECHNOLOGY & MANAGEMENT

WIC AUTONOMOUS COLLEGE | A+ RATING BY NAAC | ACCREDITED BY MBA | ACADEMIC PARTNER WITH IIM AND COCO

www.hitam.org
Gandhinagar, Near Konyakudi
Medchal, Hyderabad, India.



Hyderabad Institute of Technology And Management



NEWS LETTER

Dr. Rajeshwar Goud successfully received **Doctoral Degree** from JNTU Kakinada on the title “Design and Analysis of Multiband Antennas and Antenna arrays for Mobile Applications”



Achievements in April

Mr. Kondala Rao, achieved NPTEL certification in “Introduction to programming in C”





Hyderabad Institute of Technology And Management



NEWS LETTER



FACULTY DEVELOPMENT PROGRAM ON PI 3B+

RESOURCE PERSON:
MR. SHANKAR
EMBEDDED ELEGANT SYSTEMS



TIME
10:15 - 12:15 PM

12TH APRIL
WEDNESDAY



CHIEF PATRON:
DR. P RAJESH KUMAR

CONVENOR:
DR. SV DEVIKA

FACULTY COORDINATOR:
P KONDAL RAO

HYDERABAD INSTITUTE OF TECHNOLOGY & MANAGEMENT
UGC AUTONOMOUS COLLEGE | A+ RATING BY NAAC | ACCREDITED BY NBA | ACADEMIC PARTNERS WITH IIM AND CISEO

www.hitam.org
Gowdipally, Near Kousalya Medical, Hyderabad, India.

PROGRAM SCHEDULE

10:00-11:00	Creating & publishing HSP interactive video	<ul style="list-style-type: none"> -Converting OER video into interactive video -Publishing as OER on Lumi Cloud -Embed CC-licensed HSP content in Moodle LMS courses -Create HSP assessment activities in LMS courses 	Demo & hands-on activity Lumi Education Lumi Cloud
BREAK (5 MIN.)			
11:05-11:50	Creating & publishing HSP course presentation	<ul style="list-style-type: none"> - Converting text-based open textbook content into multimedia course presentation - Publishing as OER on Lumi Cloud 	Demo & hands-on activity Lumi Education Lumi Cloud
11:50-12:20	Evaluating participant's HSP interactive content	<ul style="list-style-type: none"> - Presenting HSP Interactive Video Or Presenting HSP Course Presentation published on Lumi Cloud - Presenting HSP activities embedded or created on Moodle LMS course page 	Addressing queries
12:20-12:30	Closing / Valedictory		

SPEAKERS



Dr. DEVIKA
Professor & HoD
ECE, HITAM



Mr. SANTOSH NAIK
Associate Professor
Mechanical Engg. HITAM



Mr. S V Satyanarayana
Associate Professor
EEE, HITAM



Mr. Kondalrao Punati
Associate Professor
ECE, HITAM



Hyderabad Institute of Technology And
Management



NEWS LETTER

Student of the Year



Mr. Mohammad Sohil
Student of the year

Department of Electronics and Communication Engineering



Hyderabad Institute of Technology And
Management



NEWS LETTER

Workshop



10 students attended Workshop on “Communication Systems
Using Matlab”



Hyderabad Institute of Technology And
Management



NEWS LETTER

VEDA IIT Initiated by Principal and only 1 ECE student cracked this in the entire Institution.

Placement in Core Industry



**Mr. Sharath Bharghav of III ECE
(SSG Student Dean Academics)**