



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.

Patent presentation

- *Dr.O.P.Suresh , HOD EEE Dept. Got the Certificate of Registration for a UK design in the month 18th May 2023.*

Certificate of Registration for a UK Design

Design number: 6280923

Grant date: 18 May 2023

Registration date: 08 May 2023

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Hyderabad Institute of Technology and Management, Dr. Kasarla Satish Reddy, Dr. PEDDASURESH OGETI, Mr. POKALA SANTHOSH, Mrs. Velicharla Mosherani, Mr. Challa Revanth Kumar, Ms. Dasari Vyshnavi, Ms. Kummari Sowjanya

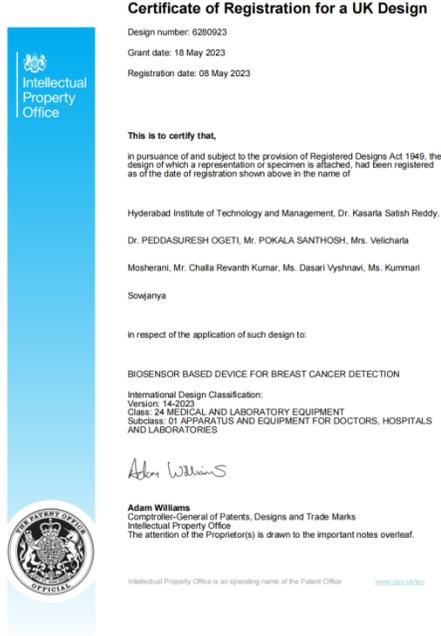
in respect of the application of such design to:

BIOSENSOR BASED DEVICE FOR BREAST CANCER DETECTION

International Design Classification:

Version: 14-2023

Class: 24 MEDICAL AND LABORATORY



Paper Publications

- **Dr. M. Chiranjivi**, Sheela D. V., Abhay Chaturvedi, Prajakta Naregalkar Published Paper on the topic “Bionic Health-Care Innovation Using Artificial And Human Intelligence”, Intelligent Systems And Applications in Engineering (IJISAE), ISSN 2147-6799, 2023, Vol-11,9S issue, pp- 225-232. **(Scopus Indexed)**.
- **Dr. M. Chiranjivi**, Mr. K. Suresh, Mr. A. Anand Kumar, Mr. M. Siddartha, U. Divya, M. Rani Published Paper on “Modified Fuzzy Controller for Renewable Energy Management System Powered AC Micro-grid by Five Level Inverter with SVPWM Based on novel Optimization”, Eur. Chem. Bull. 2023, 12 (Special Issue 4), pp-18040-18047, doi- 10.48047/ecb/2023.12.si4.1602. **(Scopus Indexed)**.
- *Mr M.Siddartha , Asst EEE Dept. Has published the paper Entitled IOT Based Vehicle Ignition System and Got the certificate in IJSREM Volume 7 on 06th June ,2023*



Faculty Participations

S.no	Faculty Name	Participation Event Name	Organizing Institute	Title	Year
1.	<i>Mr S.V. Sathyanarayana</i>	<i>ICIMES-2023</i>		<i>Optimizing Electrical System Performance with Machine Learning An Analysis of Algorithms</i>	<i>23rd-24th June ,2023</i>

2.	<i>Mr M.Siddartha</i>	<i>TSNAB</i>			<i>26th June ,2023</i>
3.	<i>Mr M.Siddartha</i>	<i>Awareness program on Narcotic drugs and adverse effects</i>	<i>JNTU &TSCHE</i>		<i>3rd June ,2023</i>
4.	<i>Mrs U.Divya</i>	<i>Awareness program on Narcotic drugs and adverse effects</i>	<i>JNTU &TSCHE</i>		<i>3rd June ,2023</i>
5.	<i>Mr K.Suresh</i>	<i>A Five Day Faculty Development Program</i>	<i>Aditya Engineering college, in</i>	<i>FUTURE TRENDS AND ADVANCES IN ELECTRICAL</i>	<i>05th july 2023 to 09th july 2023.</i>

			<i>association with IEEE</i>	<i>ENGINEERING”</i>	
6.	<i>Mr K.Suresh</i>	<i>One week National Level Online Faculty Development Program</i>	<i>Mahatma Gandhi Institute Of Technology ,Gandipet, Hyderabad</i>	<i>Recent Trends in Green Energy initiatives and Soft Computing Techniques</i>	<i>11th july 2023 to 15th july 2023.</i>
7.	<i>Mrs M.Rani</i>	<i>Awareness program on Narcotic drugs and adverse effects</i>	<i>JNTU &TSCHE</i>		<i>3rd June ,2023</i>

- *Mr S.V. Sathyanarayana , Asst EEE Dept. Has presented the paper Entitled Optimizing Electrical System Performance with Machine Learning An Analysis of Algorithms and Got the certificate in 5th international Conference ICIMES-2023 on 23rd-24th June ,2023*



➤ *Mr M.Siddartha , Asst EEE Dept. Got the certificate in TSNAB on 26th June ,2023*



- Mrs U.Divya , Asst EEE Dept. Got the certificate in "Awareness program on Narcotic drugs and adverse effects" to attended a session on 3rd June ,2023.



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
Kukatpally, Hyderabad-500 085, Telangana, India
In association with
TELANGANA STATE COUNCIL OF HIGHER EDUCATION



Awareness Program on Narcotic Drugs & Adverse Effects

CERTIFICATE

This is to certify that **U.Divya** of HYDERABAD INSTITUTE OF TECHNOLOGY MANAGEMENT has participated in *Awareness Program On Narcotic Drugs & Adverse Effects* organized by the JNTUH university & TSCH E on 03-06-2023.

Coordinator
CoE in Cyber Security

Registrar
JNTUH

S.no.: CoECS/2023/03F/122

- Mrs M.Rani , Asst prof EEE Dept. Got the certificate in " Awareness program on Narcotic drugs and adverse effects" to attended a session on 3rd June2023.



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
Kukatpally, Hyderabad-500 085, Telangana, India
In association with
TELANGANA STATE COUNCIL OF HIGHER EDUCATION



Awareness Program on Narcotic Drugs & Adverse Effects

CERTIFICATE

This is to certify that **M.Rani** of HYDERABAD INSTITUTE OF TECHNOLOGY MANAGEMENT has participated in *Awareness Program On Narcotic Drugs & Adverse Effects* organized by the JNTUH university & TSCH E on 03-06-2023.

Coordinator
CoE in Cyber Security

Registrar
JNTUH

S.no.: CoECS/2023/03F/121

- Mr M.Siddartha , Asst EEE Dept. Got the certificate in " Awareness program on Narcotic drugs and adverse effects" to attended a session on 3rd June ,2023.



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad-500 085, Telangana, India

In association with

TELANGANA STATE COUNCIL OF HIGHER EDUCATION



Awareness Program on Narcotic Drugs & Adverse Effects

CERTIFICATE

This is to certify that **Siddartha** of HYDERABAD INSTITUTE OF TECHNOLOGY MANAGEMENT has participated in *Awareness Program On Narcotic Drugs & Adverse Effects* organized by the JNTUH university & TSCHE on 03-06-2023.

Coordinator
CoE in Cyber Security

Registrar
JNTUH

S.no.: CoECS/2023/03F/123

- Mr K.Suresh , Assoc prof in EEE Dept. Has participated in A Five Day Faculty Development Program On "FUTURE TRENDS AND ADVANCES IN ELECTRICAL ENGINEERING" Organized by the Dept Of EEE ,Aditya Engineering college, in association with IEEE held from 05th july 2023 to 09th july 2023.



- *Mr K.Suresh , Assoc prof in EEE Dept. Has participated in A One week National Level Online Faculty Development Program On "Recent Trends in Green Energy initiatives and Soft Computing Techniques" Organized by the Dept Of EEE ,Mahatma Gandhi Institute Of Technology ,Gandipet, Hyderabad , in association with IEEE held from 11th july 2023 to 15th july 2023.*



MAHATMA GANDHI
INSTITUTE OF TECHNOLOGY (Autonomous)
 Kokapet(Village), Gandipet, Hyderabad, Telangana – 500075. www.mgit.ac.in



MOTIVATE
INNOVATE **26**
EMPOWER YEARS

Certificate of Participation

This is to certify that **Mr. K Suresh, Associate Professor** from **Hyderabad institute of technology and management** has actively participated in A One-week National Level Online Faculty Development Programme on **“Recent Trends in Green Energy Initiatives and Soft Computing Techniques”** from 11-07-2023 to 15-07-2023 organized by the Department of Electrical and Electronics Engineering, Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad.

Mr.G.Arun Kumar
 Asst. Professor
 Convener

Dr.P.Nagasekhar Reddy
 Associate Professor
 Convener

Dr.P.Ram Kishore Kumar Reddy
 Professor & HoD

Prof. G. ChandraMohan Reddy
 Principal

Student Achievements

Name	Event name/Organizing	Name of Title/Activity	Award	Date
Ms K. Sathwika	NPTEL	Sensors and Actuators	62%	JAN-APRIL 2023
V.priya	ELYSIAN at HITAM	Paper Presented	Third Prize	24 th APRIL 2023.
D.Priya				
K.Anand				
T.Rohith	ELYSIANat HITAM	Project Expo	Second Prize	09 th June 2023.
K.Kalyani,				
B.Mounika				
M.Shiva goud				

- Ms K. Sathwika , Studying in Ilyear EEE Dept. Successfully completed the Course in Sensors and Actuators a consolidation score of 62% 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
KAMUNI SATHWIKA
for successfully completing the course

Sensors and Actuators

with a consolidated score of **62** %

Online Assignments	18.35/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: 1232


Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jan-Apr 2023
(12 week course)


Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL23EE66553756936

To validate the certificate 

No. of credits recommended: 3 or 4

- *V.priya,D.Priya,K.Anand , Studying in IIyear EEE Dept. Got the certificate in Paper presentation for securing Third Prize At ELYSIAN HITAM on 24th APRIL 2023.*



CERTIFICATE OF APPRECIATION

THE FOLLOWING CERTIFICATE IS GIVEN TO

VASAVI PRIYA , DEVI PRIYA , KYARAM ANAND

for securing THIRD place in PAPER PRESENTATION
at ELYSIAN on 24th April, 2023.


FACULTY CO-ORDINATOR
Dr.M.RAJESHWAR
HOD ET, HITAM


CONVENOR
Dr.T.SATISH KUMAR HOD
CSE,HITAM


Chief Patron
DR P RAJESH KUMAR
Principal, HITAM

- *The below Students(T.Rohith ,K.Kalyani,B.Mounika ,M.Shiva goud)got the Second Prize in the Project expo conducted in HITAM on 9th June2023 .*



Student Trainings

- *Mr Srujith Kumar , Studying in II year EEE Dept. Got the certificate in Completion of course in JAVA from Frontline Edu tech Limited(FLM).*



- *Mr K.Anand , Studying in III rear EEE Dept. Successfully completed the*

training on EMBEDDED SYSTEM from 24th Apr 2023 to 25th May2023 .



Student Participations

Name	Event	Title	Award	Date
Ms K.Sathwika	ELYSIAN	Workshop on remote labs by IEEE	Participation	24 th APRIL 2023
Ms Y.Nithya	ELYSIAN	Workshop on remote labs by IEEE	Participation	24 th APRIL 2023
		Circuit Debugging		

<i>Akhil sai</i>				

- *Ms K.Sathwika , Studying in IIIyear EEE Dept. Got the participation certificate in Workshop on remote labs by IEEE At ELYSIAN HITAM on 24th APRIL 2023.*



- *Ms Y.Nithya, Studying in IIIyear EEE Dept. Got the participation certificate in Circuit Debugging At ELYSIAN HITAM on 24th APRIL 2023.*



ELYSIAN - HITAM's
Annual Fest



NITAM
UGC Autonomous
Accredited with
A+ by NAAC

CERTIFICATE OF PARTICIPATION

WE PROUDLY PRESENT THIS TO

YELLA NITHYA

FOR THEIR PARTICIPATION IN
CIRCUIT DEBUGGING AT ELYSIAN-HITAM ON 24TH APRIL, 2023.



FACULTY CO-ORDINATOR
Dr. M. RAJESHWAR HOD ET. HR
CSE HITAM



CONVENOR
Dr. SATISH KUMAR HOD
CSE HITAM



Chief Patron
Dr. P. RAJESH KUMAR
Principal
HITAM



ELYSIAN - HITAM's
Annual Fest



NITAM
UGC Autonomous
Accredited with
A+ by NAAC

CERTIFICATE OF PARTICIPATION

WE PROUDLY PRESENT THIS TO

YELLA NITHYA

FOR THEIR PARTICIPATION IN
WORKSHOP ON REMOTE LABS BY IEEE AT ELYSIAN HITAM ON 24TH APRIL, 2023.



FACULTY CO-ORDINATOR
Dr. M. RAJESHWAR HOD ET. HR
CSE HITAM



CONVENOR
Dr. SATISH KUMAR HOD
CSE HITAM



Chief Patron
Dr. P. RAJESH KUMAR
Principal
HITAM