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ELECTROGALORE

DEPARTMENT
OF
ELECTRONICS AND COMMUNICATION

ELECTROGALORE

IN THIS EDITION

- **COURSES OFFERED**
- **FACILITIES OFFERED**
- **EVENTS CONDUCTED**
- **UPCOMING EVENTS**
- **FACULTY ACHIEVEMENTS**
- **STUDENT ACHIEVEMENTS**
- **STUDENT'S CORNER**

COURSES OFFERED

UNDERGRADUATE

- B.TECH (ECE)- ELECTRONICS & COMMUNICATION ENGINEERING
- B.TECH ECE WITH SPECIALISATION IN ELECTRONICS MANUFACTURING TECHNOLOGY

POSTGRADUATE

- M. TECH (ECE) WITH SPECIALIZATION
- DIGITAL IMAGE PROCESSING
- EMBEDDED & REAL TIME SYSTEMS
- M. TECH. IN DEFENCE TECHNOLOGY (COMMUNICATION SYSTEMS & SENSORS)

FACILITIES OFFERED

Our department offers a wide range of cutting-edge laboratory facilities covering academic disciplines such as DSP, Computer Networks, Communication Engineering, Microwave Engineering, and Optical Communication. Additionally, we have distinguished Centres of Excellence, specialising in areas like Communications, Sensors and Process Control, and Texas Instruments Innovations. These centres are hubs for groundbreaking research and innovation. Furthermore, our department fosters a dynamic academic environment, promoting hands-on learning and intellectual exploration through initiatives like the DIY Electronics Club, enriching our students' educational experience.

EVENTS CONDUCTED

INAUGRATION OF eHITS

The Centre of Excellence for eHardware Innovative Test Technology Systems (eHITS) was inaugurated on 16th September 2023 by General (DR.) V.K. Singh, PVSM, AVSM, YSM (Retd.), Hon'ble Minister of State for Road Transport & Highways and Civil Aviation, Govt. of India in the presence of Shri. S. R. Sabapathi, President & CEO, Qmax Group of Companies; Dr. Anand Jacob Verghese, Chancellor; Mr. Ashok Verghese, Pro Chancellor; Dr. Aby Sam, Executive Director; Dr. S.N Sridhara, VC and Dr. Alexander Jesudasan, Pro-VC graced the occasion.

GUEST LECTURE ON DIGITAL TWIN FOR MARINE SYSTEMS

The inter-disciplinary skill development program on Electronic System Design among pre final year students of ECE and CSE to meet the growing demand of the ELECTRONICS SYSTEM in India, an expert guest lecture was organised on the topic "Digital Twins for Marine Systems" in association with NIOT-Chennai and URAC on August 25th 2023 at HITS. The Session was inaugurated by the HoD-ECE in the presence of Dr. A. Senthil Kumar, Director Research by welcoming the target participants and eminent professors of ECE, CSE and Mechatronics department.

Newsletter
THINK CREATIVE, THINK BIG

TECHNICAL TRAINING PROGRAM ON SOLIDWORKS SIMULATION & CST IN ANTENNA DESIGN

Chief Guest:
Rajashekharayya .S.H
Sr. BDM
Conceptia Software Technologies
Pvt Ltd, Bangalore.

CST software provides advanced electromagnetic simulation capabilities that allow engineers to design, model, and analyze antennas and other electromagnetic devices. It enables the simulation of electromagnetic fields, antenna radiation patterns, impedance matching, and other critical parameters. Training for the same was given by the chief guest. Faculty and audience gained knowledge about CST simulation tool.

UPCOMING EVENTS

Webinar series on Machine learning based applications for acoustics and noise control on October 25-31st, 2023.

Technical Seminar on Electronic manufacturing technology-TANSAM on November 3rd, 2023.

Guest lecture on "Amplify your Career Path in VLSI" on November 6th, 2023.

FACULTY'S ACHIVEMENTS

WEBINAR ON "RECENT TRENDS ON FPGA"

Dr. B. Praveenkumar, Associate Professor of ECE department, presented a webinar on "Recent trends on FPGA" on 29th September 2023. Valuable information was shared by the host to the participants about FPGA.

TECHNICAL TALK ON "MATHEMATICS FOR AI AND PATH FORWARD"

ECE Head of the Department, Dr. A. L. Vallikannu presented a technical talk on "Mathematics for AI and Path Forward" on 13 September 2023 at Justice Basheer Ahmed Sayeed College for Women. The talk also discussed the challenges and opportunities for AI in the future. It highlighted the need for developing new mathematical tools and techniques to support the development of more powerful and efficient AI models. It also emphasized the importance of ensuring that AI is used in a responsible and ethical manner.

FACULTY ACHIVEMENTS

Professor C. Kezi Selva Vijila, ECE Department, COE, HITS, extended a warm welcome to our honourable Pro Chancellor Mr. Ashok G. Verghese to the 14th convocation, HITS

Professor C. Kezi Selva Vijila, ECE Department, COE extended a sincere welcome to our distinguished guest of honour, Professor Dr.-Ing. Peter König, Professor and Head at the Institute for Automotive Technology in Trier University of Applied Sciences, Germany at the 14th Convocation, HITS.

Congrats Grad !!
Class of
2023

At the 14th convocation, our Department's Faculty Members, A. Arikesh, E. Terence, and G. Vimalarani received their Ph.D. degree.

Congratulations

ELECTROGALORE

FACULTY ACHIVEMENTS

Our department faculty members Dr. P. Kumara Gurudiderot, Dr. B. C. Kavitha, Dr. S. Shakthidasan, Dr. Himanshu Shekhar, Dr. V. R. Prakash, Mr. V. Beslin Geo, and Dr. A. L. Vallikannu have recieved Appreciation award for getting International Patent on Engineer's Day celebration on 15th September, 2023 at Andromeda Hall, HITS.

Our department faculty members Dr. Himanshu Shekhar, Dr. V. R. Prakash, M. Rajmohan, and Dr. Pallavi Singh received the Best Book Publication Award for the book titled "Mobile Communication" under the scientific International Publishing House Publications.

Ms. Anu Kuriakose, ECE department has been awarded for her 25 years of completion of service at HITS.

Ms. C. Geetha, ECE department has received Best Technician award on Engineer's Day celebration on 15th September, 2023 at Andromeda Hall, HITS.

Under the guidance of A.Arikesh,ECE department our department Final year students Rolla Vamsi Krishna and Kolluru Kiran have won the Best Student Project Award for the project titled "Programmable Buck Boost Converter for EV charging application".

FACULTY PUBLICATIONS

S.no	Faculty Name	Title of the paper	Conference Name	Month of Publication
1	M Kavitha	Authorized NFC Enabled Tag For Insane Person Identification	2nd International Conference on Augmented Intelligence an Sustainable Systems	August 2023
2	Kavitha.B.C, Pallavi Singh	Smart City Transport Updater	2023 International Conference on IoT, Communication and Automation Technology(ICIAT)	September 2023
3	Pallavi Singh, Kavitha.B.C	Neural Network Architecture for ROI Segmentation based on Melanoma Detection	2023 International Conference on IoT, Communication and Automation Technology(ICIAT)	September 2023
4	Prakash.V.R	Book chapter on "AI techniques for Renewable Source Integration and Battery Charging Methods in Electric Vehicle Applications"	AI techniques for Renewable Source Integration and Battery Charging Methods in Electric Vehicle Applications	August 2023

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STUDENT ACHIVEMENTS

TOPPERS IN 2019-2023 BATCH

Pradeepa M, a student in our department, has achieved a first-rank position with an CGPA of 9.77, awarded in the Convocation

Naga Prasanth Kumar Reddy Puli has secured the second-highest rank with a CGPA of 9.53 and was awarded in the Convocation

Our department student, Cheekatla Tejaswini has attained the Third-highest position with an CGPA of 9.47 and was awarded in the convocation

STUDENT ACHIVEMENTS

Allen Jacob from 3rd year ECE department has participated in SPANDAN '23 JIPMER, Pondicherry along with the college cultural club "Band-Ex".

IET The Institution of Engineering and Technology

The IET
Prize 2023

This is to certify that

Deepak Enamala

is awarded the
IET Prize 2023

for distinction shown at
Hindustan Institute of Technology and Science

in a course leading to the award of a degree in
Electronic and Communication Engineering

Mr.Deepak Enamala has won the IET prize at september 2023 for distinction shown at HITS .

STUDENTS INTERNSHIP AT NSIC

S.No	ROLL.NO	NAME
1	22119061	Roshan Jebasingh S
2	22119064	Sowmiya.M
3	22119067	Santhiya K
4	22119071	Gajulapalli Deepthi
5	22119074	Varsha H
6	22119075	Sriram H
7	22119083	Naveen D
8	22119095	Prashanth P
9	22114100	Praveena R
10	22119101	Madhumitha.G
11	22119110	Shreeja R
12	22119124	Madhumitha P
13	22119127	Auro Sam Ritz.D.S

We appreciate the enthusiasm and active participation of our department 2nd-year students who completed their internship at NSIC.

Congrats!

STUDENTS INTERNSHIP

We wish to express our appreciation for the proactive engagement and eagerness shown by our 2nd-year ECE department students during their internship at NSS , PANTECH,RENOM, Aghanya Technology, Creatah Software Technologies pvt. ltd Retech solutions , system care solutions etc.

S.No	ROLL.NO	NAME	COMPANY
1	22119096	Pallapothu Varun kumar	NSS
2	22119109	Daddala Triveni.	NSS
3	22119119	P.L.V.Neha Naidu	NSS
4	22114120	Kavya S	NSS, PANTECH
5	22119126	Poomika G	NSS,RENOM
6	22119121	Marathoti Meghana	NSS
7	22119064	Yudheeshwar .D.R	Aghanya Technology
8	22119091	Jagath kumar S	Creatah Software Technologies Pvt.,ltd
9	22119098	Harry krishna M	Retech Solutions
10	22119122	Adnishwaran.M	SYSTEM CARES &SOLUTIONS
11	22119128	Gorusetti Shruthi	SST

STUDENTS INTERNSHIP @ Q-Max

We would like to congratulate our ECE department's final year students for the diligent involvement and keen enthusiasm displayed during their internship at Q-MAX on September 2023 .

S.No	Roll No	Name
1	20121001	KOTTAPALLI MANOJ KUMAR
2	20121010	MAVILA SURYA PRAKASH
3	20121012	SUBRAHMANYA SASTRY KURUGANTI
4	20121015	RACHAMALLU HARSHA VARDAN REDDY
5	20121016	LINGAMADINNE SIDDA REDDY
6	20121017	NARLA RISHITHA
7	20121019	DAVULURI BALASAI
8	20121021	KOPPARTHI VENKATASUBBA REDDY
9	20121022	MADITAPU MADHAN SIMHA
10	20121024	BOKKASAM DHARAN

Newsletter
THINK CREATIVE, THINK BIG

STUDENTS' CORNER

Let Them Live

THANK GOD FOR BOYS,
THANK GOD FOR GIRLS,
THANK GOD FOR HUMANS
IN THIS WORLD

BOYS CAN LIKE PINK
GIRLS CAN WEAR BLUE
YOUR REACTION
IS UP TO YOU

WHEN SOMEONE'S PROUD,
LET THEM BE THEM.
LET BOYS BE GIRLS,
LET GIRLS BE MEN

DON'T HATE BECAUSE THEY'RE DIFFERENT
AS THAT'S STILL UP TO YOU
IN FACT, YOU SHOULD BE PROUD OF THEM,
FOR THEY CAME OUT TO YOU.

- by
Rushidhar-III ECE-B

சாக்கடையும் சுதந்திரமும்

ஏதோ நூற்றைம்பதாயிரம் வருடம் முன்னால் ஓரினமாய் தோன்றியது
மனிதன்-ஆம்! தோன்றினான் அல்ல, தோன்றியது மனிதன்
கணிதம் அறிவியலென பல கதவை திறந்து வைத்து
தான் அறிவாளி என்று நம்பிக்கொண்டிருக்கும் மனிதன்
இன்று பல லட்ச இனமாய் பிரிந்து பார்முழுதும் விரிந்து கிடக்கிறது
ஏன் இதை கூறினேன்? தேடினேன்!
ஏன் ஆடு மாடு மேய்க்கும் மாடச்சாமியின் மகனிற்கு
கர்ணன்' என பெயர் வைக்க சுதந்திரமில்லை
ஏன் டிக்கடையில் உட்கார்ந்து கொண்டிருக்கும்
நூல்காரருக்கும் மீசைக்காரருக்கும் கண்ணாடிக் கோப்பையில் தண்ணீர்
ஆனால் நெகிழி டமீளரில் தண்ணீர் குடிக்கும் குப்பனுக்கோ அச்சுதந்திரமில்லை
பல மன்னர்களிடமிருந்து வெள்ளைக்காரனிடம் கைமாறியது இம்மண்
அவனிடமிருந்து மட்டும் பெற்றதுதான் சுதந்திரமா,சிந்திப்பீர்!
சிந்திக்கக்கூட வழியில்லாத வலி நிறைந்த எந்தனை மனிதர்கள்
இன்னும் சாக்கடையினிலேயே முடங்கிக் கிடக்கும் சுதந்திரமற்றோர் பலர்
வெறும் கழிப்பறை" கழுவும் இயந்திரமாய்
எல்லோரும் ஒன்றென்று கூறிக்கொண்டு அதை எவ்விதத்திலும் நடைமுறையில்
பயன்கொள்ளாத மனித மிருகம் நாம் 'மிருகம் நாம்'
நூற்றைம்பதாயிரம் வருடமாக ஞானமெனும் மலை -ஏறிக்கொண்டிருக்கும் குரங்கு நாம்
'அவ்வளவு தான்!......

by
Charan Sairam V-III ECE -B

Soulmate

We had all to lose
we had all to gain
I know it hurts.
When you hear my name
There is no sun without rain.
Whoever made souls, made ours the same

-Raghul
IIIrd yr -5A

வாழ்க்கை

கருவாக வளர்ந்த பூப்போல் - உன்
கால்களை பூமியின் கார்மேகத்துடன் பதித்தாய்!
மழலைப் பருவத்தை கடந்து இளமொட்டாகி;
பல இன்னல்களைக் கடந்து வந்தாய் அதிலும்
தீமைகளை புறக்கணித்து நல்வழி செல்லவே;
அலைவார் அவர்தானே அடைவார் என்ற வசனத்தின்படி,
கனவுகளை நிறைவேற்ற தேடல்களின் பாதையில்;
அந்திதோறும் விதியுடனும் வீணைவாசித்தாய்!
சுபநிகழ்ச்சிகள் பல வந்து செல்ல சுகமானதே!
ஆசையில் பூத்த பூவாக ஒன்று உருவானதே!
குடும்பத்துக்காக உழைக்கத் தொடங்கி கோபுரமே தேய்ந்ததே!
சொத்துக்கள் பல சேர்த்தாலும் சொந்தங்கள் சேர்ந்திடுமோ?
பிள்ளைகளை கரை சேர்க்க பதற்றத்தில் மனம் துடிக்கின்றதே!
முதிர்ச்சியிலும் துணைநிற்க மனம்மாறாது அன்பு மட்டுமே!
சொர்க்கத்தின் வாசல் திறக்க கார்மேகக்குழலியிடம் சரணடைந்தேனே!

-Prabakar
IIIrd yr -5B

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