

SKCET

Buzz



07th- 11th November 2022



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INSTITUTIONAL EVENTS



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SKCET | NALAIYA THIRAN - INTERACTIVE SESSION



NalaiyaThiran, a new programme has been launched by the State Government of Tamil Nadu under 'NaanMudhalvan' project to provide the students with much needed cross-cutting skills. In this regard, **Dr.Neeraj Mittal**, IAS, Respected Principal Secretary Information Technology & Digital Services Department, Tamil Nadu, **Ms. S.S.Latha**, Project Director IBM Software Pvt Ltd, **Mr.K.AVijayan**, Associate Vice President, ICT Academy visited SKCET campus and interacted with the students and Nalayathiran Team of SKCET. Principal Madam **Dr. J. Janet** welcomed the gathering and briefed the insights of the programme and experiential project based learning under NaanMudhalvan Scheme.

SKCET | NALAIYA THIRAN - INTERACTIVE SESSSION



Dr. Neeraj Mittal, IAS, Principal Secretary Information Technology & Digital Services Department, Tamil Nadu elaborated on the different government initiative schemes for skill development.

- Deep Technology
 - Infrastructure
 - UIMAGINE
- ❖ Insisted that the IT Department of Tamil Nadu has insisted the recruiters to give preference to the students who have completed project under NalैयाThirana scheme.
 - ❖ District level and state level exhibitions will be conducted in which the students will be made to demonstrate the project to the audience.

SKCET | NALAIYA THIRAN - INTERACTIVE SESSION



SKI | PG FIRST YEAR ORIENTATION 2022



PG First year Orientation Programme was organized on 07.11.2022. The programme was inaugurated with a Lamp lighting ceremony. **Ms. Sreejaa Vidyasagar**, Senior Manager, Gen C HR, Cognizant was the Chief Guest of the day. **Dr. Sundararaman**, CEO, SKI delivered the Presidential Address.

The Chief Guest in her address highlighted the following points:

- ❖ Importance of Reasonable Goal Setting
- ❖ Take life in a lively manner
- ❖ Surround yourself with Positive people
- ❖ Never compromise on your passion.

SKI | PG FIRST YEAR ORIENTATION 2022



SKI | PG FIRST YEAR ORIENTATION 2022





HACKATHON ACCOLADES



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CSE|NEIGHBORHOOD HACKS

SUBMITTED TO



Neighborhood Hacks 2

WINNER

Third Overall

CREATED BY



Prithika Andrea Angelina ✓



Nagasundar N ✓



MONISH KUMAR A ✓

Second year Student team from the Department of **CSE** has won **THIRD Overall** in the **Neighborhood Hacks**, a 48 hours Virtual Hackathon organized by Major League Hacking, USA held during November 4th to 6th 2022. The students were awarded with Prizes worth **100USD**(Anker Power Core Portable Charger + MLH Season Tee + MLH Fellowship Fast Track)

Team Members:

- Prithika Andrea Angelina F
- Nagasundar N
- Monish Kumar A

Project Title: Pet Hub - A pet friendly app to locate and help other pet owners .

Mentor:

Ms. A. Priya- AP/CSE

CSE|NATIONAL LEVEL INTELLIGENT INNOVATORS HACKATHON



Student team from **Third year CSE** has won **First Prize** in the **National Level Intelligent Innovators Hackathon**- 48 hrs Hackathon organized by Sri Eshwar College of Engineering, Coimbatore on 4th and 5th of November 2022. Our students were awarded with a cash Prize of Rs.50,000/-. The team was mentored by Dr.V.VijeyaKaveri, Professor, CSE.

Team Members:

- Suganth M
- Shrihari M
- Sushanthika M
- Abirami S

Project Title: Online Mentoring System for Education and Training

Theme: Social Cause and Environment.

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STUDENTS ACCOLADES



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CSBS | INDIA START UP - IDEAFEST



P.Lionel Roshan and **N.Nekha** students of Second year CSBS have won **Second Prize** in **India Startup**, a beginner friendly **Idea Fest** organized by the Department of Computer Science and Engineering, Sri Krishna College of Engineering and Technology on 09.11.2022.

ECE | VEGATHON 2022

Third year **ECE A** students have bagged the **Fourth** place and cash prize of **Rs 1500/-** in Vegathon 2022 (30 hour hardware hackathon) held at Rajagiri School of Engineering and Technology, Ernakulam, Kerala from 04.11.2022 to 05.11.2022.

Team Members:

- Ashiq A
- Girishankar PL
- Gowtham R
- Jerry Samraj A



IT|INDIA START UP – IDEA FEST



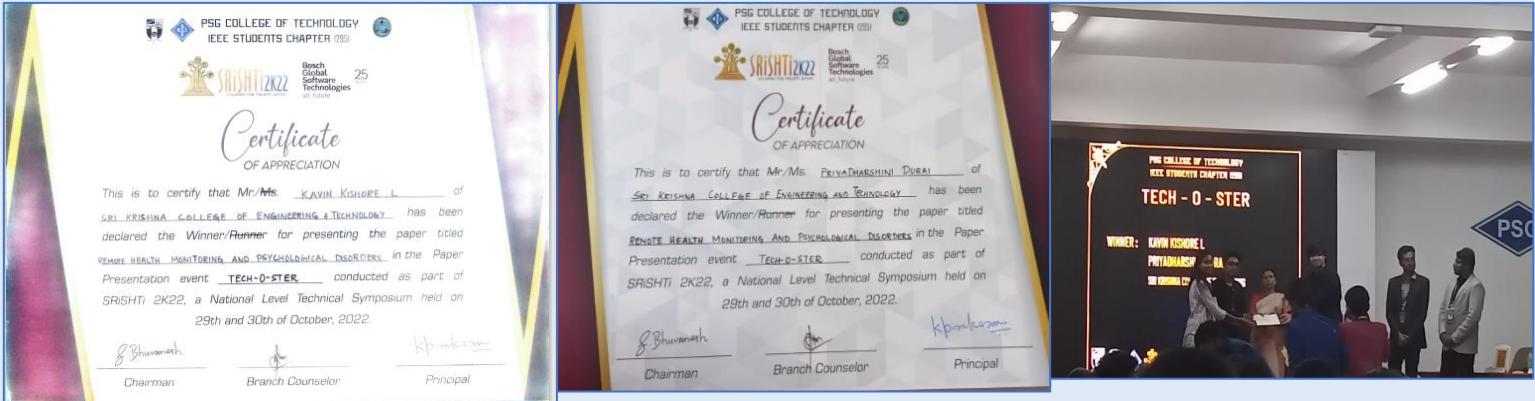
Student team from **Third year IT** has secured **first prize** in India Startup, a beginner-friendly IdeaFest organized by the Department of CSE, SKCET, Coimbatore on 09.11.2022.

ECE | INFOTRIX 2k22

P N Padmapriya, student of **Third year ECE B** has secured **First prize** with the Cash award of **Rs 500/-** in Googling event on 03.11.2021 conducted as part of Infotrix 2k22 at Kumaraswamy College of Engineering, Karur.



M.Tech. CSE | PAPER PRESENTATION



Kavin Kishore L and Priyadarshini D, a student of Second year, M.Tech Computer Science and Engineering has presented the Paper titled **“Remote Health Monitoring and Psychological Disorders”** and have won **First Prize**. The event was organized by PSG college of Technology as part of **SRISHTI-2k22**, a National Level Technical Symposium held on **29th and 30th October, 2022**.

LATEST TECHNOLOGY



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EVENTS



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CIVIL | GUEST LECTURE ON CAREER OPPORTUNITIES IN CIVIL ENGINEERING



Department of Civil Engineering organized a Guest Lecture on "**Career Opportunities in Civil Engineering**" for the First year students on 1.11.2022. **Mr.A.K.Anbarasan**, Project Engineer - (QA/QC), Srinivasan Associated Pvt Ltd, Coimbatore was the Resource person.

Session Highlights:

- Various opportunities in the Civil Engineering
- Recent construction technologies
- Skills needed for civil engineers
- Construction materials and practices followed in the construction site.

CIVIL | GUEST LECTURE ON FUTURE OF CIVIL ENGINEER



SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
[An Autonomous Institution | Approved by AICTE | Accredited by NAAC with A Grade] | Kuniyamuthur, Coimbatore - 641 008



DEPARTMENT OF CIVIL ENGINEERING
(Accredited by NBA)

Inviting you all to join a Guest lecture on
"Future of Civil Engineers"

Resource Persons
Mr. S. Natarajan
Head – Corporate Tenders,
GMS Builders, Erode.
Mr. N. Anadharaj
Deputy Manager,
GMS Builders, Erode

 02/3.1





Coimbatore, TN, India
Kuniyamuthur, Coimbatore, 641008, TN, India
Lat 10.936269, Long 76.955864
11/02/2022 03:07 PM GMT+05:30
Note : Captured by GPS Map Camera



Coimbatore, TN, India
Kuniyamuthur, Coimbatore, 641008, TN, India
Lat 10.936562, Long 76.955972
11/02/2022 03:50 PM GMT+05:30
Note : Captured by GPS Map Camera

The Civil Engineering Department of Sri Krishna College of Engineering and Technology organized a Guest Lecture on **"Future of Civil Engineer"** for the First year students on 01.11.2022. The speakers were **Mr. Anandharaj**, Deputy Manager, GMS Builders, Erode and **Mr. S. Natarajan**, Head - Corporate Tenders, GMS Builders, Erode.

Session Highlights:

- Various fields in Civil Engineering
- About planning and billing process
- Major opportunities in public as well as private sectors
- Contract and Tender process
- Hierarchy of Engineers in public and private sector.

AI&DS | FIRST YEAR INDUCTION



Induction Programme for the **First year B.Tech** students was scheduled from 29th October, 2022 to 4th November, 2022 to make students feel happy with new environment. **Dr.S.Venkata Lakshmi**, HoD, **AI&DS** handled a session for the students of First year **AI&DS** on 03.11.2022. The pointers of discussion were: Industry based curriculum, placement perspective, internship opportunities, hackathon opportunities, department facilities and future scope of AI.

AI&DS| GUEST LECTURE ON INDUSTRY EXPOSURE - A WALK THROUGH PRACTICAL EXPERIENCE



Department of **AI&DS** organized a Guest Lecture for the **First** year **AI&DS** students on the topic “**INDUSTRY EXPOSURE – A WALK THROUGH PRACTICAL EXPERIENCE**” on 03.11.2022 at MB-07 Seminar Hall. The Resource person for the Guest Lecture was Mr.A.Sathish Kumar, Software Developer, Tata Consultancy Services, Chennai. The pointers of discussion were: Industry perspective, Skill set required for IT Company and Strong knowledge in programming language.

CSE | WORKSHOP ON ENTREPRENEURSHIP AND INNOVATION AS CAREER OPPORTUNITY



Department of **CSE** organized a Workshop on "**Entrepreneurship and Innovation as Career Opportunity**" on 03.11.2022. The Resource person **Mr.M.Sabarinathan** Sr.Technical Manager, Gateway Software Solutions, Coimbatore, gave a deep insight on how to start a new Innovative start-ups and career opportunity for the III year students.

Session Highlights:

- ❖ Importance of Entrepreneurship and innovation as career opportunity.
- ❖ Types of entrepreneurship.
- ❖ Overview on Entrepreneurship Life Cycle.
- ❖ How to convert the young graduate into Innovative Entrepreneur.
- ❖ Innovative start-ups.
- ❖ Skill set required to become an Entrepreneur

CSBS|WORKSHOP ON BLOCK CHAIN & ITS APPLICATIONS – HANDS ON SESSION



CSBS Systrons has conducted a Hands - on Workshop titled “**Blockchain and it’s Applications**” on 29.10.2022.

Chief Guests:

Mr. Aswin Gnana prakash & Mr.SaiGautham
Blockchain developers
Webmob software solutions private limited, Chandigarh

Session Highlights:

- Introduction to Blockchain Technology
- Components of a Blockchain Network
- Types of Blockchain
- Applications of Blockchain

ECE | HOBBY CLUB



As part of Hobby club the Department of **ECE** organized a sequence of fun filled events on 07.11.2022. Students of various departments actively participated and exposed their talents.

Prize winners

Event	Winner	Runner
Master the mic	Varsha	Goutham
	II ECE	II ECE
Series It	Nagulan	Aajith
	II MCT	III IT
Movie With Cards	Praveen Chandra Bose and Sanjai	Vignesh and Bharath
	II MCT	III Mech
FunFive	Venkatesh	Deepak
	III Mech	III ECE
Balloon Fun	Vijay Kumar	Keerthi Kumar
	III IT	III IT

ECE | SEMINAR ON OPPORTUNITIES AFTER ENGINEERING THROUGH GATE | ESE | PSUS

SRI KRISHNA
COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution | Approved by AICTE)
(Accredited by NAAC with 'A' Grade | Accredited by NBA | Affiliated to Anna University, Chennai)
Kuniamathur, Coimbatore -641008

IEEE **INSTITUTION OF ENGINEERS** **Alpheron**
COUNCIL
Resistance is futile

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

We Cordially Invite You All for the Guest Lecture on

Opportunities After Engineering through GATE | ESE | PSUs

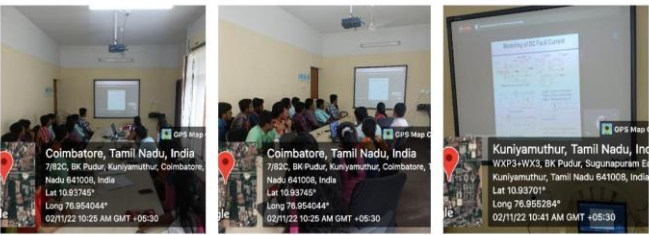
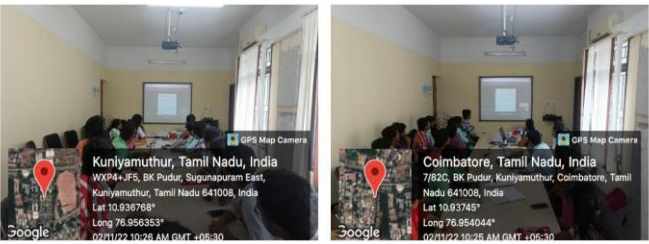
Chief Guest **Mr. Shankar Jarasandh Wadne**
Sr. Faculty, GATE/ESE
ACE Engineering Academy, Hyderabad

Presided by **Dr. S. Sasipriya**
HoD/ECE,
SKCET



Department of **Electronics and Communication Engineering** organized a Seminar on "**Opportunities after Engineering through GATE|ESE|PSUs**" on 04-11-2022. Resource Person: Mr. Shankar Jarasandh Wadne, Senior Faculty, ACE Academy, Hyderabad. **Key points discussed were:** Opportunities from GATE, Salient features of GATE, Eligibility Criteria, Effective Ways to Approach GATE, Important Subjects to concentrate and the Success stories of GATE toppers.

EEE | NITTTR SHORT TERM COURSE DAY 3 – SESSION 7



Title: Protection of Converter Dominated Microgrids

Resource Person:

Dr. Rabindra Mohanty, Department of Electrical Engineering, IIT (BHU), Varanasi.

Session Focus:

- Protection Issues with Renewable
- Modern Grid Codes with advanced Converter Control
- Protection of Converter dominated AC Microgrids
- Protection Challenges and Opportunities
- DC Microgrids in Practice

EEE | NITTTR SHORT TERM COURSE DAY 3 – SESSION 8

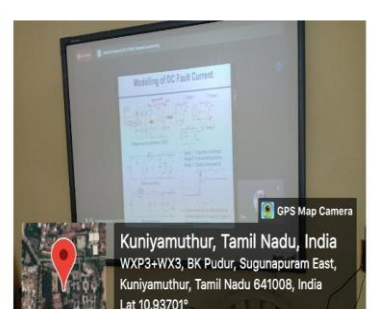
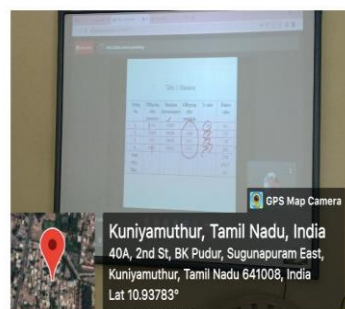
Title: Harmonic Elimination in Cascade Multilevel Inverter using GA

Resource Person:

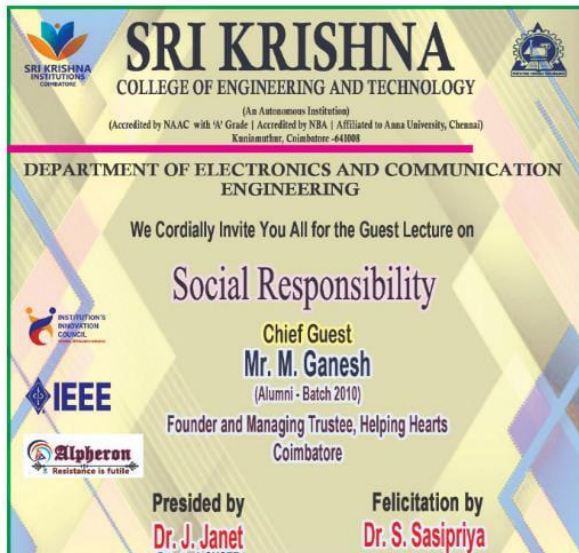
Dr. Shimi S.L, Electrical Engineering, NITTTR Chandigarh.

Session Focus:

- Selective Harmonic Elimination Technique
- Roulette Wheel Selection Technique
- Population, Crossover, Mutation in Algorithm for Harmonic Elimination

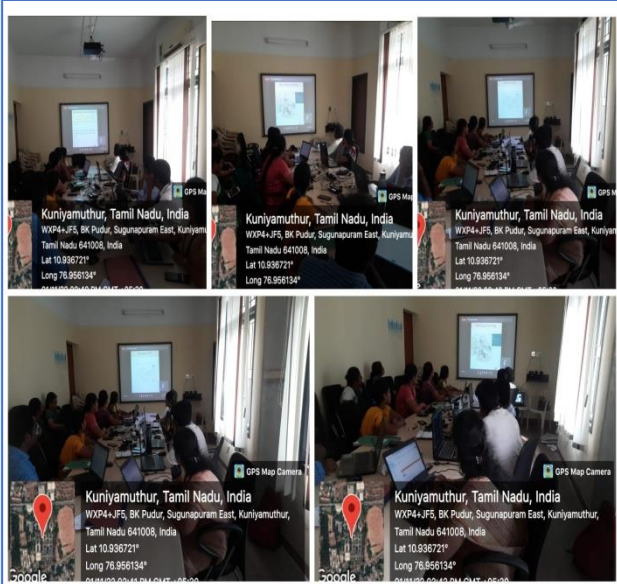


ECE | SEMINAR ON SOCIAL RESPONSIBILITY



Department of **Electronics and Communication Engineering** organized a Seminar on "**Social Responsibility**" on 31-10-2022. Resource Person: Mr.M.Ganesh (Alumini-Batch 2010), Founder and Managing Trustee, Helping Hearts, Coimbatore. **Key points discussed were:** Commitment towards Social activities, Self-improvement concerning improvement of society, various organizations service towards society and being socially responsible people.

EEE | NITTTR SHORT TERM COURSE DAY 3 – SESSION 9



Title: Fault-Tolerant approach for Modular Multilevel Converters

Resource Person:

Dr. Anandarup Das, Department of Electrical Engineering, IIT, Delhi.

Session Focus:

- Multilevel converters
- Cell as controlled voltage sources
- MMC setup and operation

EEE | NITTTR SHORT TERM COURSE DAY 4 - SESSION 10

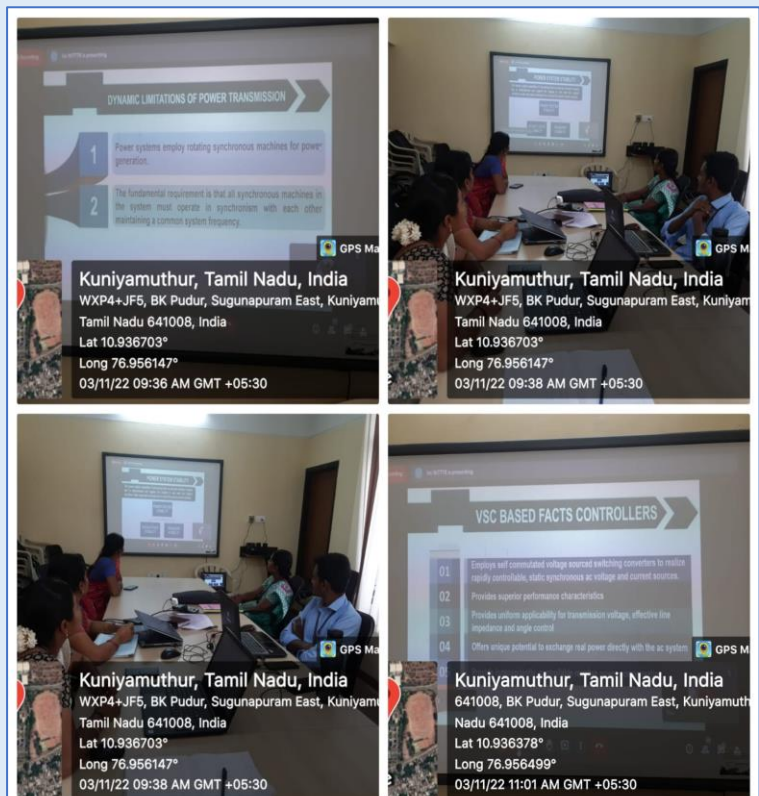
Title: Facts for Reactive Power Compensation

Resource Person:

Dr. Lini Mathew,
Department of Electrical Engineering,
NITTTR, Chandigarh.

Session Focus:

- Impacts of Series and Shunt compensation devices
- Usage of FACTS DEVICES in reactive power compensation
- Functions of Static VAR Compensation.

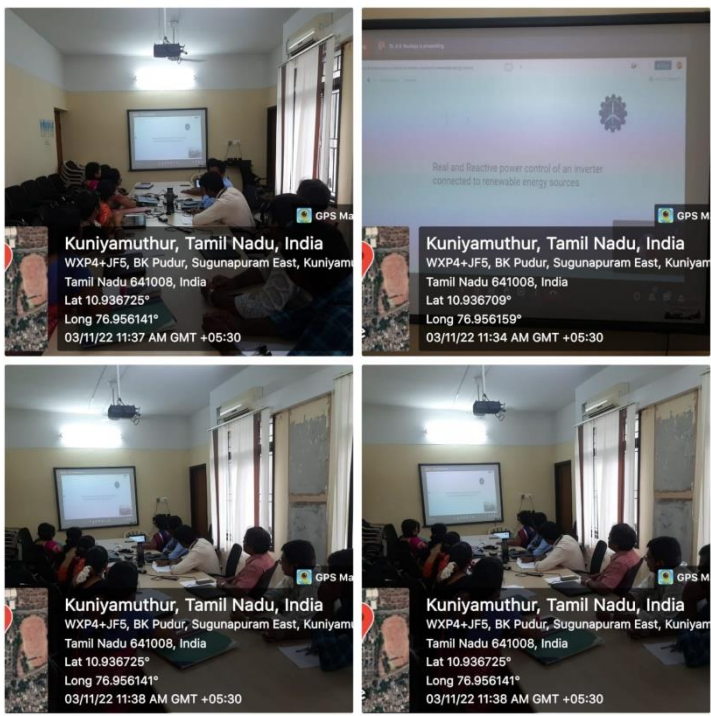


IT| ANTIRAGGING AWARENESS PROGRAM



Department of **Information Technology** organized an Anti Ragging Awareness Programme on 04.11.2022 for the Pre- final year IT students to create awareness on ragging and to ensure a student-friendly environment at all times.

EEE | NITTTR SHORT TERM COURSE DAY 4 - SESSION 11



Title: Real and Reactive Power Control of an Inverter connected to Renewable Energy Sources

Resource Person:

Dr. Ravi Teja,

Department of Electrical Engineering,
IIT, Ropar

Session Focus:

- Real-World EV Measurements
- Time variation inter-harmonics in Grid-tied Solar PV Systems
- Simulation of the PV Grid-tied System

EEE | NITTTR SHORT TERM COURSE DAY 4 - SESSION 12

Title: Hardware Implementation of Power Electronic Converters with Renewable Energy Sources

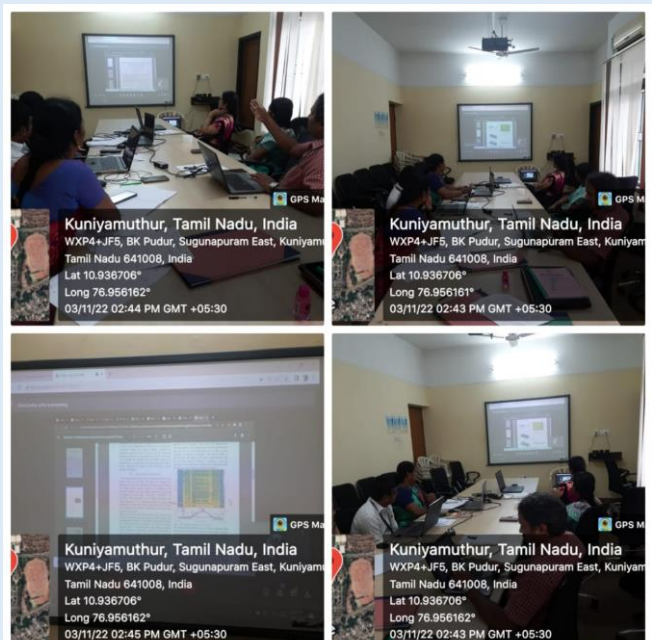
Resource Person:

Dr. Shimi S.L,

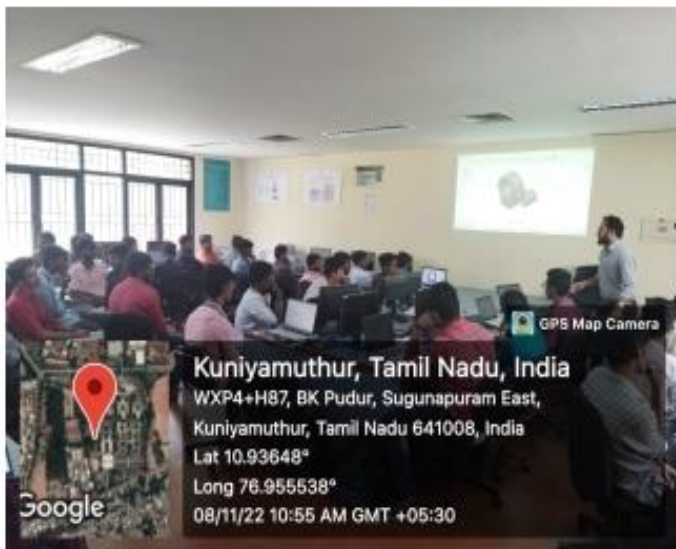
Department of Electrical Engineering,
NITTTR, Chandigarh.

Session Focus:

- T Space controller
- Real-Time Simulation Application
- Implementation of Hardware

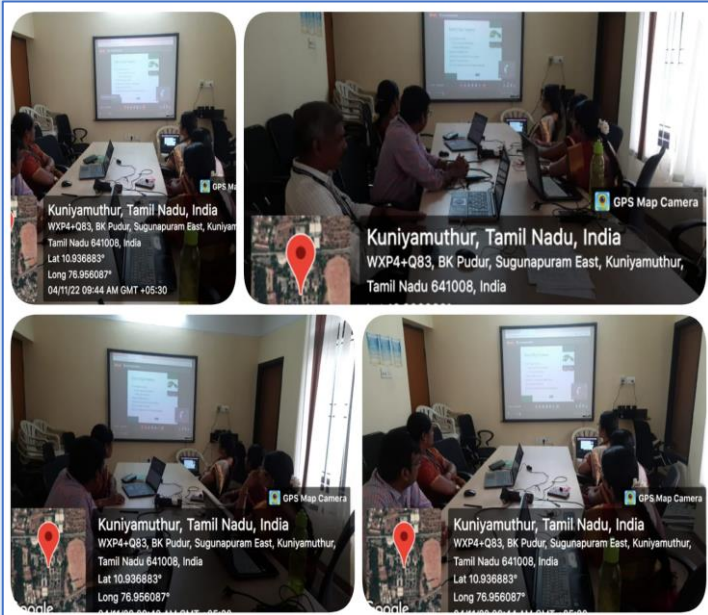


MECH|MCT WORKSHOP ON DESIGN NOW



Department of **Mechanical** and **Mechatronics Engineering** in association with Autodesk and ICT Academy organized one day workshop on 'Design Now' on 08.11.2022. The objective of the workshop is to give hand on exposure to Fusion 360 software for India Design Week 2023 event. **Third** year students of the Department of Mechanical and Mechatronics Engineering attended the workshop.

EEE | NITTTR SHORT TERM COURSE DAY 5 - SESSION 13



Title: High-Frequency Power Electronics Converter PCB Design

Resource Person:

Mr. Saran Chandra Haurasia,
Department of Electrical Engineering,
IIT, Delhi.

Session Focus:

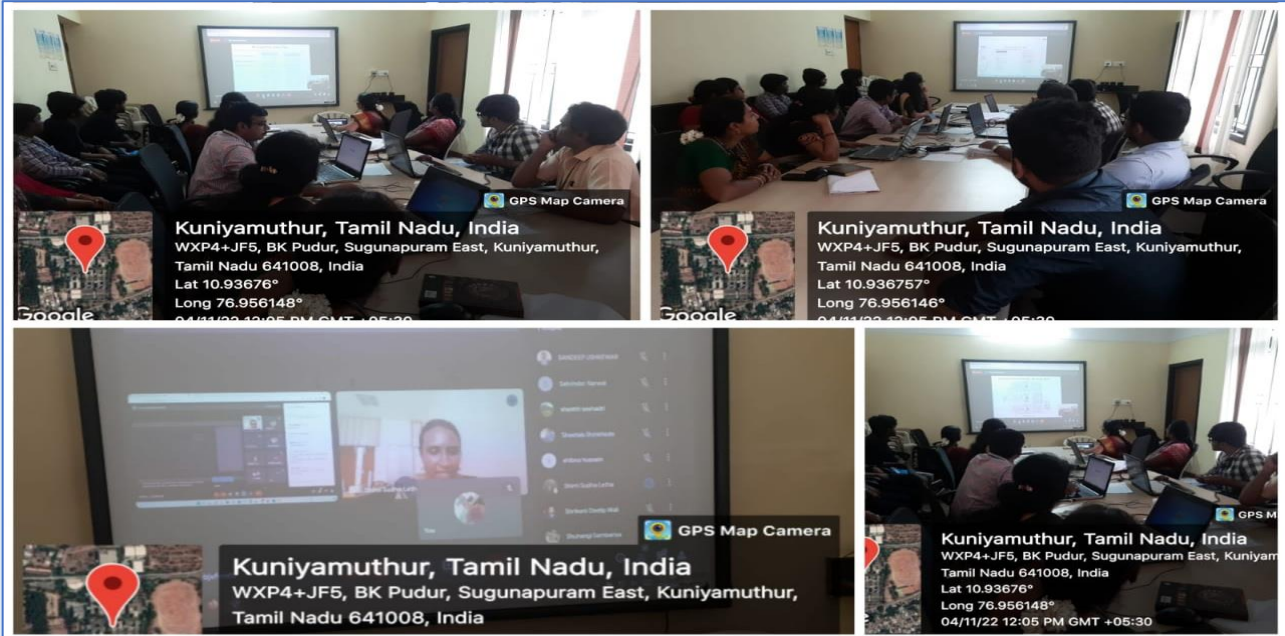
- Need of High Frequency
- Gain from High-Frequency Adaption
- Remarkable Needs for High-Frequency development

DO YOU KNOW?

Humans Accidentally Created a Protective Bubble Around Earth

The use of very low-frequency radio communications by humans has resulted in an artificial cocoon that could help protect the planet from solar flares and radiation particles.

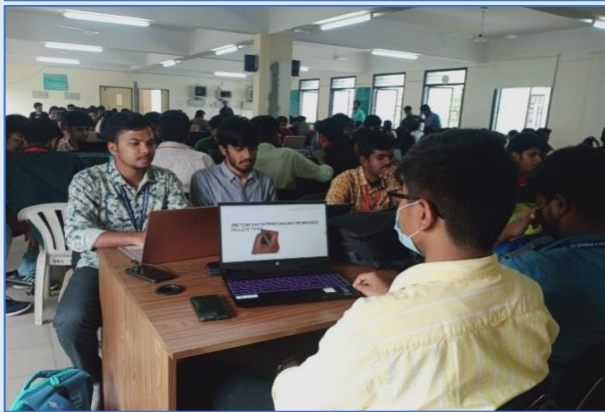
EEE | NITTTR SHORT TERM COURSE - VALEDICTORY



SKCET-EEE as Remote center, **NITTTR Chandigarh** organized a Short Term course on “**Power Electronics for Renewable Energy Applications**”.

The valedictory function of the Short Term course was organized on 4th November, 2022. The function was concluded with the session on Visualization of Power Electronics Converter Circuit using Microsoft Visio delivered by **Mr. RohitKumar**, Department of Electrical Engineering, IIT Delhi. He emphasized on Converters design using Microsoft Visio, Flowchart maker built for collaboration, Visio templates, Industrial Control Systems and Systems on Main dashboard. Dr. Shimi S.L, Department of Electrical Engineering, NITTTR Chandigarh gave concluding remarks about the 5 days STC, she expressed her overall views about the programme and congratulated all for successful completion of the event and concluded the programme by expressing her gratitude to all Nodal centre, Principal, Head of the Department, Faculty members and all the enthusiastic participants.

CSE | ANTIRAGGING AWARENESS



The Second and Third year students from the Department of **CSE** filled the Anti-ragging form and pledged to make the college “Ragging free” and will not be involved in it, either in deed, action or thought in their personal life.

IT| INTERACTION WITH HOR GIRL STUDENTS



Dr.N.Susila, Professor, HOD, IT, convened a meeting with the **Second** and **Third** year hostel girl students. The pointers of discussion were regarding their Academics and general grievances.

S&H | PEN KALVITHITAM AWARENESS



Dr. V. Ragavi, Dean Student Affairs addressed the 7.5 Quota girl students and elaborated the benefits of **Pen KalviThitam**. She directed the students to claim the scheme initiated by the government. In addition, she met the vernacular medium students to kindle their confidence level and encouraged them to develop positive attitude towards learning English to develop their personal and professional abilities.

M.TECH. CSE | VIRTUSA ORIENTATION



Department of **M.Tech Computer Science and Engineering** organized an Industry Interaction for the **First year M.Tech CSE** students on 09.11.2022. The Resource Person was **Mr.S.Rajkumar, Associate Director, Virtusa, Chennai**. The students had an interactive tech session with the Resource Person.

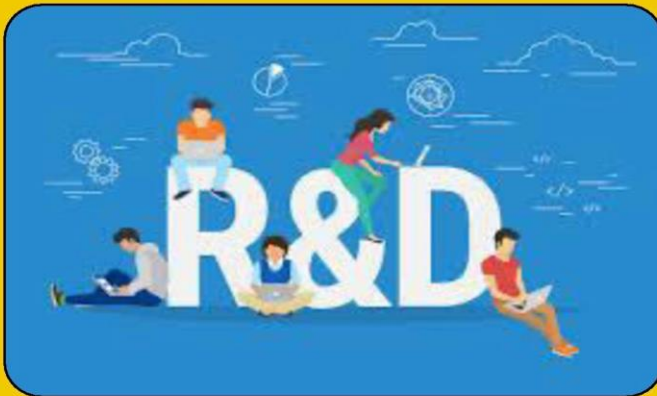
Session Highlights were:

- Tech Stack
- Skill Development
- Virtusa - A place for young Minds
- Forum for Internship
- Tech Events for M.Tech Students
- Learning by doing - Practical Approach
- Full Stack Development

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RESEARCH AND DEVELOPMENT



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ECE | CONSULTANCY GRANT FROM GENERAL ELECTRICAL ONSHORE



General Electrical Onshore

GSTIN:32AWKPB4978L1Z6

Date: 04/11/2022

Dear Albert Raj,
Congratulations!

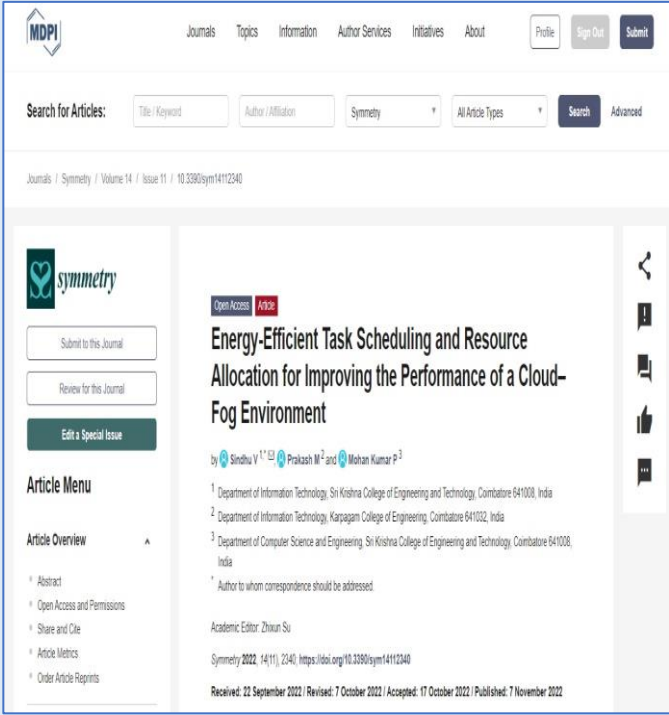
You have been awarded a consultancy project titled "Polar encoder with Wavelet pipelining Architecture for 5G Networks".

We hereby accord to the payment of Rs. 25000-(Rupees Twenty-five Thousand only) to Sri Krishna College of Engineering and Technology (being 25% of total consultancy project cost of Rs. 100000- (Rupees One Lakh only) for undertaking this consultancy project, as per the terms of the condition/Agreement given below.

Dr.A.Albert Raj, Professor, Department of **ECE** has been awarded a consultancy project titled "**Polar Encoder with Wavelet Pipelining Architecture for 5G Applications**" with grant of **Rs. 1,00,000/-** by **General Electrical Onshore(GEO)** - Pioneered in multiple services on common backbone infrastructure for 5G Applications on 04.11.2022.

R&D| JOURNAL PUBLICATION|IT

Mrs.V.Sindhu, Assistant Professor, Department of **Information Technology** has published a paper titled "**Energy Efficient Task Scheduling and Resource Allocation for Improving the Performance of a Cloud Fog Environment**" in the **Symmetry Journal** by **MDPI**. It is a scopus-indexed publication.



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Journals / Symmetry / Volume 14 / Issue 11 / 10.3390/sym14112340

symmetry

Open Access **Article**

Energy-Efficient Task Scheduling and Resource Allocation for Improving the Performance of a Cloud-Fog Environment

by **Sindhu V.^{1,†}**, **Prakash M.²** and **Mohan Kumar P.³**

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Symmetry 2022, 14(11), 2340; <https://doi.org/10.3390/sym14112340>

Received: 22 September 2021 | Revised: 7 October 2021 | Accepted: 17 October 2021 | Published: 7 November 2022

R&D | PAPER PUBLICATION | ECE

ieeexplore.ieee.org/document/9885381

Conferences > 2022 3rd International Confer...

Development of V2V Communication using Light Fidelity

Publisher: IEEE [Cite This](#) [PDF](#)

Soundari D V; Varshini G; Santhosh Vimal R; Vijayalakshmi G; Sarankumar S; Selva Kumar D **All Authors**

10 Full Text Views

Abstract

The present era is leading us to the peak of wireless communication. Taking wireless communication into account, cellular network technologies like Wi-Fi and Bluetooth strike out first. But ecosystem is getting worse day-by-day with the use of these technologies. Hence a greener, faster and more efficient technology is the need of the hour. This is where Li-Fi (i.e., Light Fidelity) comes into play. Li-Fi is a VLC (i.e., Visible Light Communication) Technology that uses light as a medium for communication. Obviously, it is the fastest medium of communication and is eco-friendly one. Combining the V2V and Li-Fi Technologies will drive the future of smart cars to a higher altitude. This project briefs the use of Vehicle to Vehicle (V2V) Communication using Light Fidelity (Li-Fi) to pass data among vehicles in order to prevent traffic jam, accidents, etc. This research work has used Gyro sensor, Ultrasonic sensor, LCD display, LDR sensor, Transmitter and a Receiver of Li-Fi. LEDs as light source.

Published in: 2022 3rd International Conference on Electronics and Sustainable Communication Systems (ICESC)

Date of Conference: 17-19 August 2022 **DOI:** 10.1109/ICESC54411.2022.9885381

Date Added to IEEE Xplore: 19 September 2022 **Publisher:** IEEE

ieeexplore.ieee.org/document/9885566

Conferences > 2022 3rd International Confer...

Advanced Patient Monitoring and Alert System with Auto Medicine Suggestion using Machine Learning

Publisher: IEEE [Cite This](#) [PDF](#)

C Visvesvaran; N K Karthikeyan; I J John Bharath Kumar; P Kaviya; S Kaviya **All Authors**

5 Full Text Views

Abstract

The purpose of this study is to observe and supervise the patient's health using a hardware medical kit and a software application. This proposal illustrates the objective of resolving health complaints using present-day technology, the Internet of things (IoT), and Machine Learning. The Patient's body specifications can be determined concurrently using this system framework. The sensors fetch patient body specifications and hand over the particulars to a microcontroller which forwards that to the cloud. The sufferer can lay eyes on this information with the help of an android application. Distinct decision-making algorithms are made to make it fine and the primary perk of this system is it spontaneously produces the proper prescription based on the vital specifications of the valetudinarian.

Published in: 2022 3rd International Conference on Electronics and Sustainable Communication Systems (ICESC)

Date of Conference: 17-19 August 2022 **DOI:** 10.1109/ICESC54411.2022.9885566

Date Added to IEEE Xplore: 19 September 2022 **Publisher:** IEEE

ieeexplore.ieee.org/document/9885412

Conferences > 2022 3rd International Confer...

Raspberry Pi based Smart Assistance for Visually Impaired People

Publisher: IEEE [Cite This](#) [PDF](#)

Karthi S P; Akash A; Guru K; Hariram S **All Authors**

5 Full Text Views

Abstract

Reading is the essential life skill in today's society as the reports, bills, bank-related files, classroom worksheets, pharmaceutical product instructions, and other printed documents are present everywhere. The main objective of this research work is to convert a real text into speech and to develop collision avoidance for the blind. It entails capturing the image with the Raspberry Pi camera, processing it with image processing, and then simply reading it aloud. The text in the captured image is predicted by an artificial neural network. The output generated by the proposed device will be in the form of speech, with OCR to help the visually impaired people to understand it. The speech output of the software is sent to the blind's headphones, allowing them to hear the information from the text present in front of them. For blind people, this technology is both effective and cost-effective. Moreover, this technology is highly beneficial to blind students in schools and colleges. As an artificial intelligence application, the developed application is useful for illiterate people, as well as extremely important to society.

Published in: 2022 3rd International Conference on Electronics and Sustainable Communication Systems (ICESC)

Date of Conference: 17-19 August 2022 **DOI:** 10.1109/ICESC54411.2022.9885412

Date Added to IEEE Xplore: 19 September 2022 **Publisher:** IEEE

R&D | PAPER PUBLICATION | ECE

Following faculty members and students from the Department of **ECE** have presented and published papers in 3rd International Conference on Electronics and Sustainable Communication systems. It is a Scopus Indexed IEEE Conference.

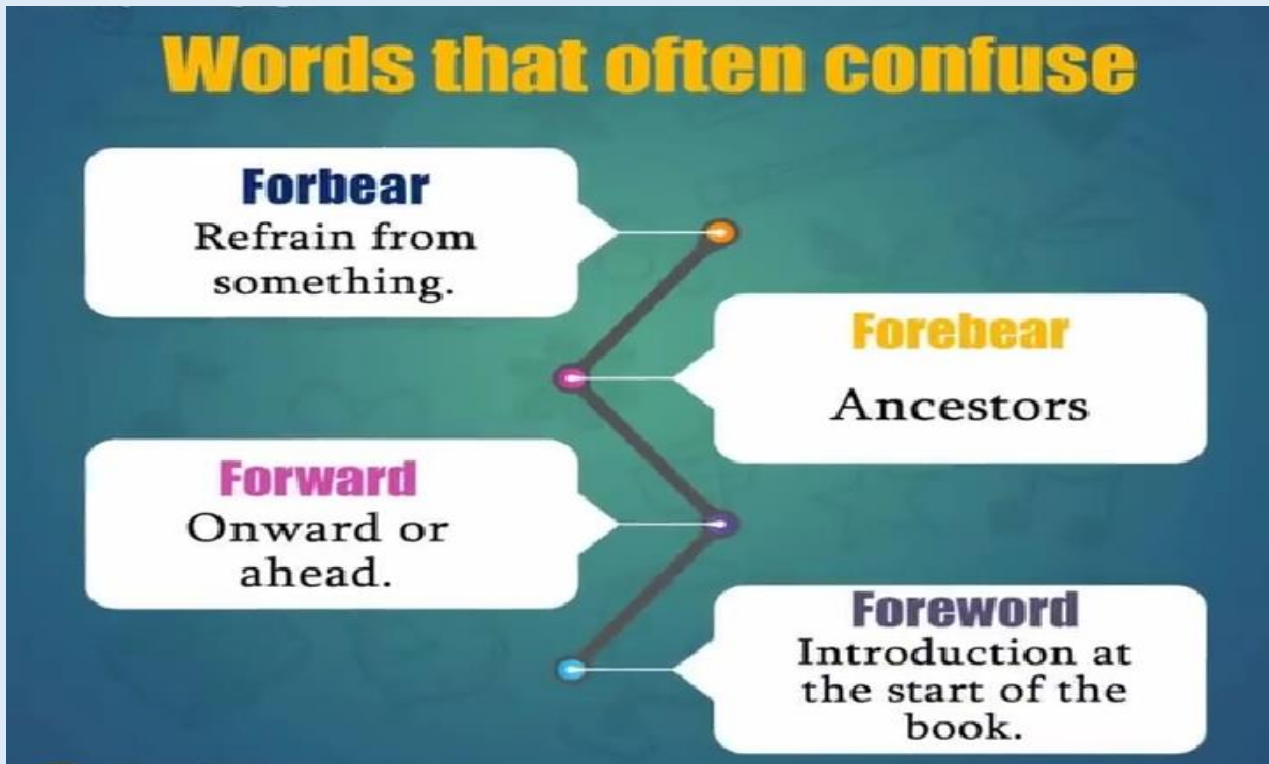
Name of the Authors	Title of the Paper
Ms. Soundari.D.V, Santhosh Vimal R, Sarankumar.S, Varshini G, Vijayalakshmi.G	Development of V2V Communication using Light Fidelity
Mr C Visvesvaran, N K Karthikeyan, I J John Bharath Kumar, P Kaviya, S Kaviya	Advanced Patient Monitoring and Alert System with Auto Medicine Suggestion using Machine Learning
Mr Karthi S P, Akash A, Guru K, Hariram S	Raspberry Pi based Smart Assistance for Visually Impaired People
Abinithi M, Ms Priyadharsini K, Mr Dinesh Kumar J R, Deepadarsini K, Haripriya V T, Indhuja S R	Improving Visibility of images - Underwater by Modeling of Back Light and Optimization of the Transmission Map
Ms Asha Banu S M, Swetha S, Swetha Shree M, Thrisha S	An ACL Injury Prediction Device for Athletes using Bluetooth and Wi-Fi Mesh
G. Muthu Brindha, K.K. Karishma, J. Nivetha, Ms B. Vidhya	Automatic Detection of Citrus Fruit Diseases Using MIB Classifier

R&D| CONFERENCE PRESENTATION| IT



Dr.S. Durga and Dr.S. DeepaKanmani, Associate Professors, IT have published a paper titled "**Private and Secure Blockchain-Based Mechanism for an Online Voting System**" in the 4th EAI International Conference on Big Data Innovation for Sustainable Cognitive Computing, 2022, pp 85–98. It is indexed in Scopus.

WRITE IT RIGHT





TUTOR WARD MEETING



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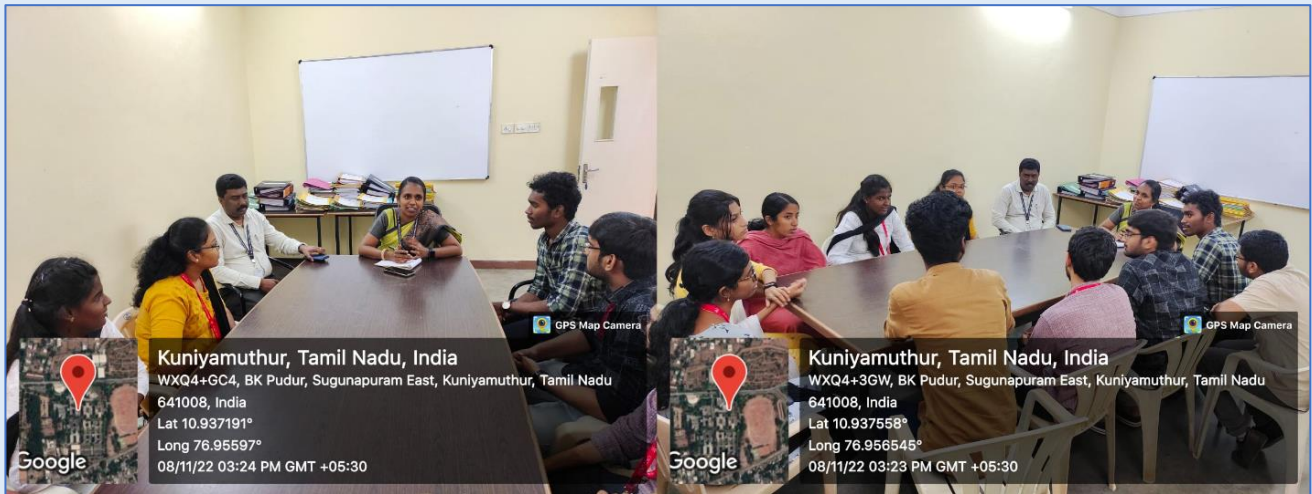


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CSBS | CLASS COMMITTEE MEETING



Class Committee Meeting for the **Second year CSBS** was conducted by **Dr.G. Shobana**, Associate Professor from Department of **Information Technology** on 08.11.2022. The Meetings revolved around the key points like: preparation for Continuous Internal Assessment Test, Portion Completion, Value added courses and participation of events.

HEALTHOGRAPHICS

HOW TO PROTECT YOUR EYES FROM **DIGITAL STRAIN**

Also called **Computer Vision Syndrome**, common symptoms include **blurred vision, eyestrain, dry eye, headaches, and neck and shoulder pain**

65%

65% of Americans suffer from Digital Eye Strain

96%

96% spend more than 2 hrs/day using digital devices

7 HRS / DAY

The average American spends 7 hrs / day working on a computer

TAKE A BREAK...

Take a 20 second break to stare at something 20 feet away every 20 minutes

Follow the **20-20-20 Rule**

Blink 15 times a minute

The average digital device user blinks 5-8 times / minute. You should blink 15 times a minute for optimal eye health.

MODIFY YOUR WORKSPACE...

Overhead lighting should match the brightness of your monitor

20-28 inches
4-5 inches

Your eyes should be 20 – 28" from your monitor and 4 – 5" above the center of the screen

Maintain good posture

ONE DEVICE AT A TIME...

77%

77% of people with digital eye strain use 2 or more digital devices simultaneously

TALK TO YOUR DOCTOR

90% of patients don't discuss their digital device use with their eye doctor



FACULTY PROGRESSION



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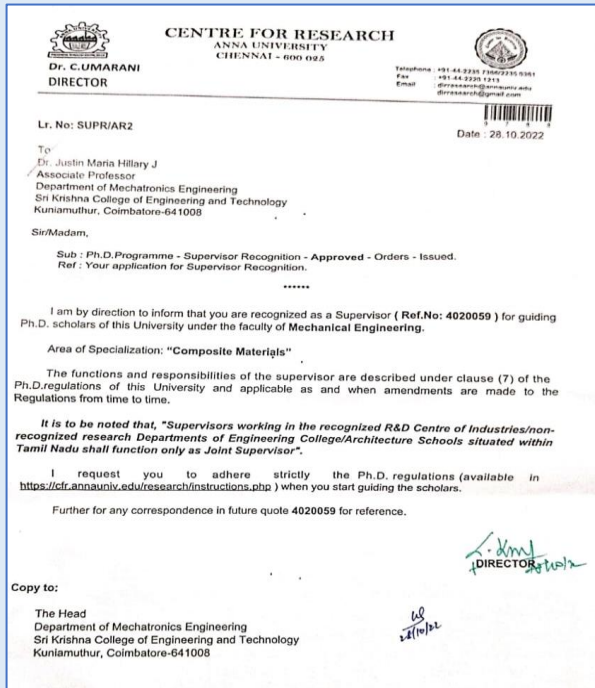


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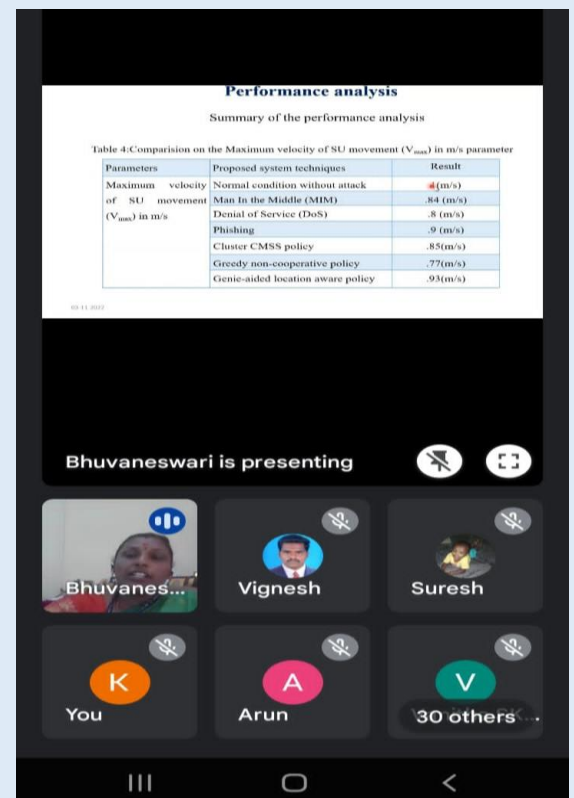
MCT | RESEARCH SUPERVISOR RECOGNITION



Dr.J Justin Maria Hilary, Associate Professor, Mechatronics Engineering has recognized as a supervisor for guiding PhD scholars of the university under the faculty of Mechanical Engineering from 02.11.2022. His Area of specialization is "Composite Materials".

MCT| PHD VIVA VOCE

Mrs.M. Bhuvaneshwari, Assistant Professor, Mechatronics Engineering has successfully defended her Ph.D Viva voce on the topic, "A specific investigation on the efficient resource allocation and secure communication against attacks in cognitive wireless power communication systems is using multiple input and multiple output" on 03.11.2022. The examiners highly appreciated her Research work.





FACULTY CERTIFICATIONS



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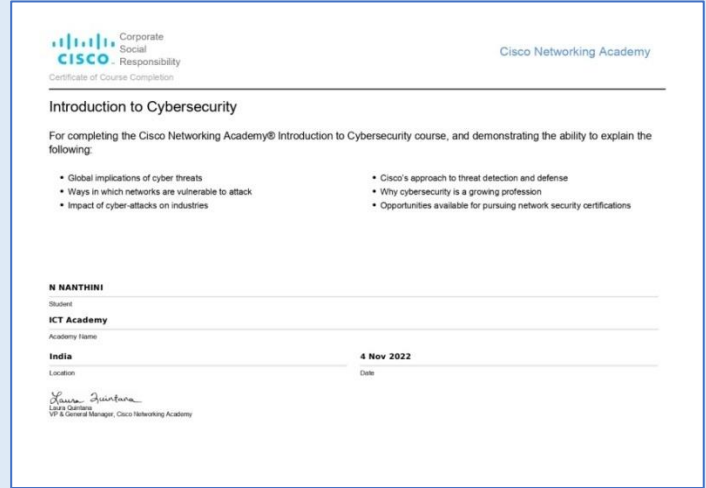
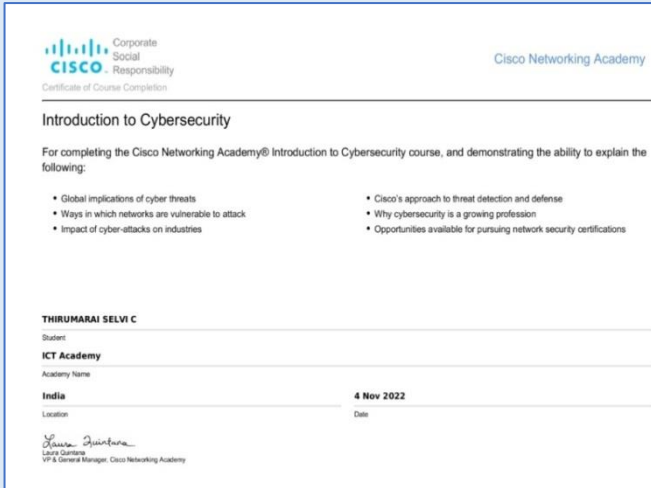


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ECE | FDP ON INTRODUCTION TO CYBERSECURITY



Dr. C. ThirumaraiSelvi, Professor & Ms. N. Nanthini, Assistant Professor, Department of ECE has completed “Introduction to Cybersecurity” course by Cisco, Networking Company on 04.11.2022.

IT| THREE DAY LECTURE SERIES

Ms.R.Janani, Assistant Professor, IT has participated in the Three-day lecture series on “The Magic of Probability & Introduction to Design Analysis” organized by the Department of Mechanical Engineering in association with Skill Development Centre, BIT, Bengaluru .



IT | FDP ON INTELLIGENT COMPUTING FOR NEXT GENERATION EMBEDDED IoT



Dr.G. Edwin Prem Kumar, Professor, IT Department has participated in the three days FDP on **“Intelligent Computing for Next Generation Embedded IoT”** organized by the Department of Information Technology, SKCET, Coimbatore from 26.10.2022 to 28.10.2022.

CIVIL | YOUTH LEADERSHIP SUMMIT 2022

Dr. V. Yogeshwaran and Mr.S.C.Boobalan, Assistant Professors, Department of **Civil Engineering** have participated in the **“Youth Leadership Summit 2022 – Coimbatore”** organized by ICT Academy held on 12th October 2022.



CSE | NITTTR FDP ON DATA SCIENCE USING PYTHON



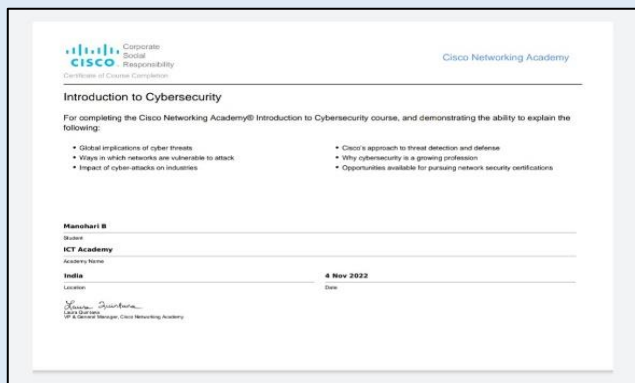
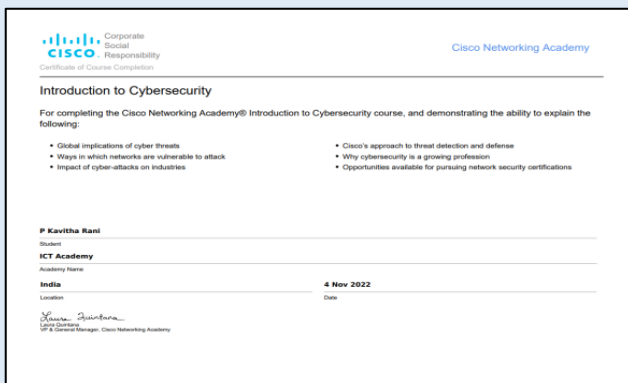
Dr. D. Rasi, Professor, Dr. G Vijaya, Professor, Dr.Ramesh K, Professor, Ms. Azhaguramyaa V R, Assistant Professor, Ms.G.Renugadevi, Assistant Professor, Ms.R.Gowthamani, Assistant Professor, have participated in the AICTE recognized Faculty Development Programme on **Data Science using Python** certified by NITTTR, Chandigarh from 10.10.2022 to 14.10.2022 at SKCET, Coimbatore.

IT|FDP ON INTELLIGENT COMPUTING FOR NEXT GENERATION EMBEDDED IoT



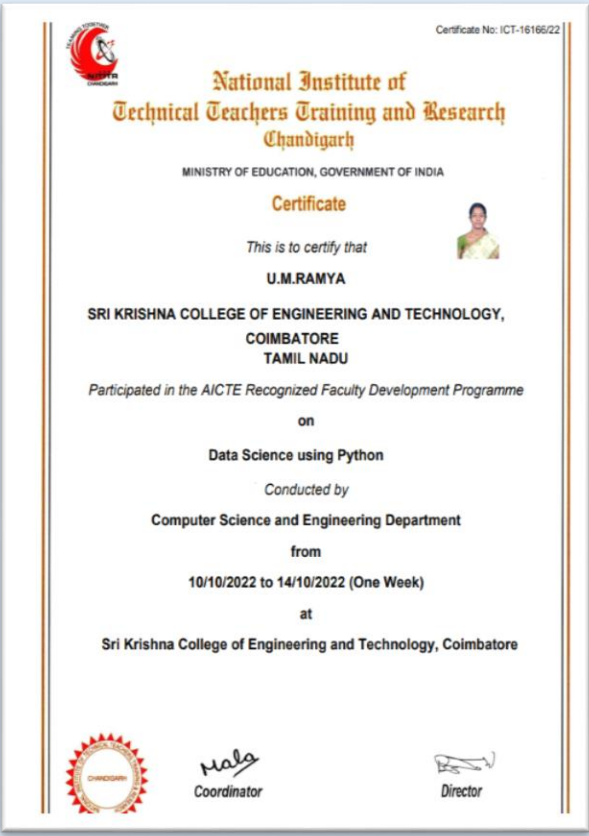
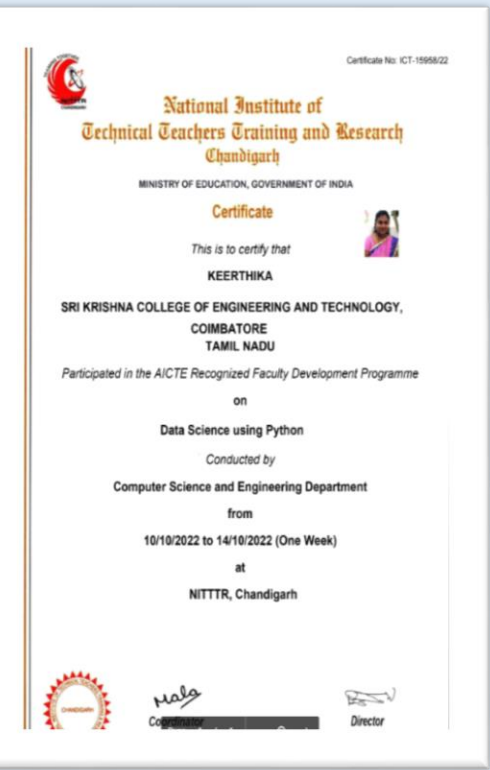
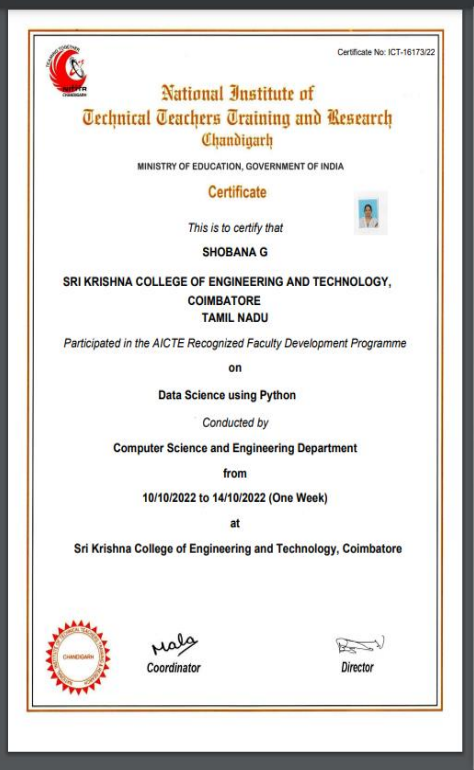
Ms.A.Raihana, Assistant Professor, IT Department has participated in the three days FDP on “**Intelligent Computing for Next Generation Embedded IoT**” organized by the Department of Information Technology, SKCET, Coimbatore from 26.10.2022 to 28.10.2022.

M.TECH. CSE | INTRODUCTION TO CYBERSECURITY



Dr P Kavitha Rani, Head and Professor and **Ms B Manohari**, Assistant Professor, **M.Tech Computer Science and Engineering** have attended the **Cisco Webex** meeting conducted by ICT Academy and have completed the course “**Introduction to Cybersecurity**” organized by CISCO and ICT academy on 4th November 2022.

IT | AICTE RECOGNIZED FDP ON DATA



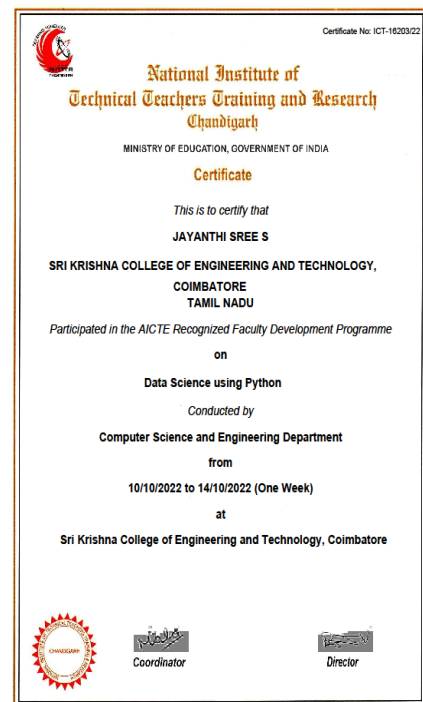
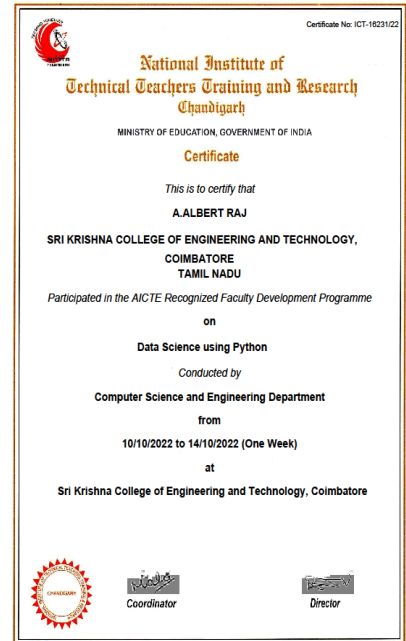
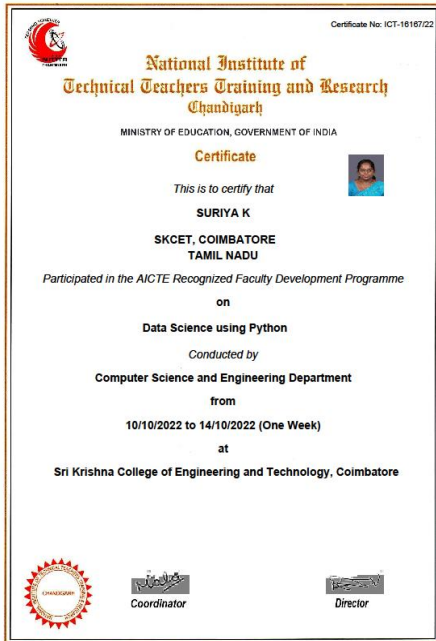
IT| AICTE RECOGNIZED FDP ON DATA SCIENCE USING PYTHON



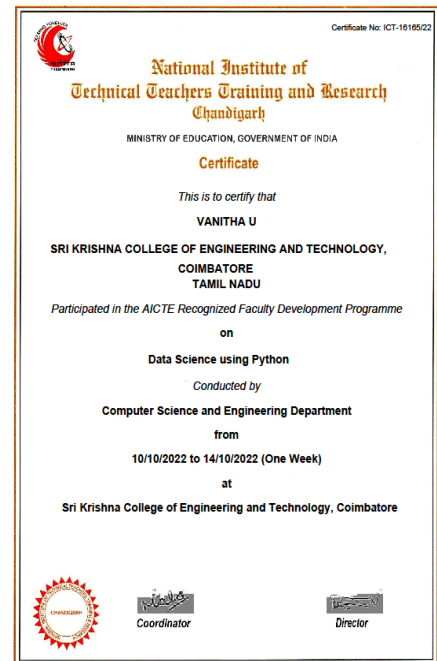
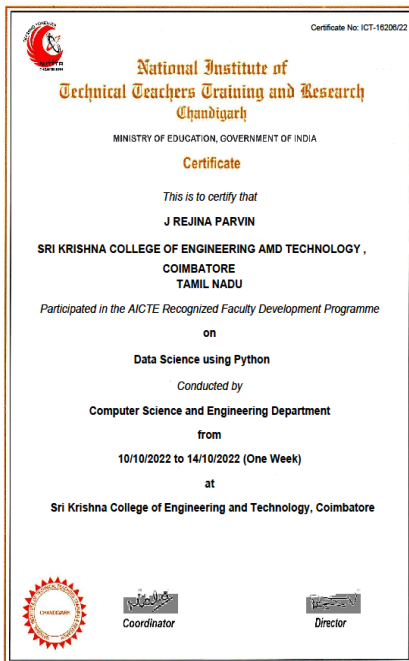
Faculty members from the Department of IT have participated in the AICTE Recognized FDP on “Data Science Using Python” certified by NITTTR, Chandigarh from 10.10.2022 to 14.10.2022 at SKCET, Coimbatore.

Dr.A.Kousalya	Dr.G.Shobana	Dr.T.Keerthika
Dr.U. BarakkathNisha	Ms.U.Ramya	Ms.A.Raihana
Dr.G.EdwinPrem Kumar	Ms.Sindhuja	Ms.R.Janani
Ms. SruthiAnand	Dr. Durga	

ECE | FDP ON DATA SCIENCE USING PYTHON



ECE | FDP ON DATA SCIENCE USING PYTHON



Following faculty members from the Department of **ECE** has completed one week AICTE recognized Faculty Development Program from 10.10.2022 to 14.10.2022 on the topic “**Data Science using python**” certified by NITTTR, Chandigarh at SKCET, Coimbatore.

Faculty members:

1. Dr. A. Albert Raj
2. Ms. K. Suriya
3. Ms. N. Nanthini
4. Ms. S. Praseetha
5. Mr. J. R. Dinesh Kumar
6. Dr. S Jayanthi Shree
7. Ms. U. Vanitha
8. Dr. RejinaParvin
9. Ms. K. Priyadharsini



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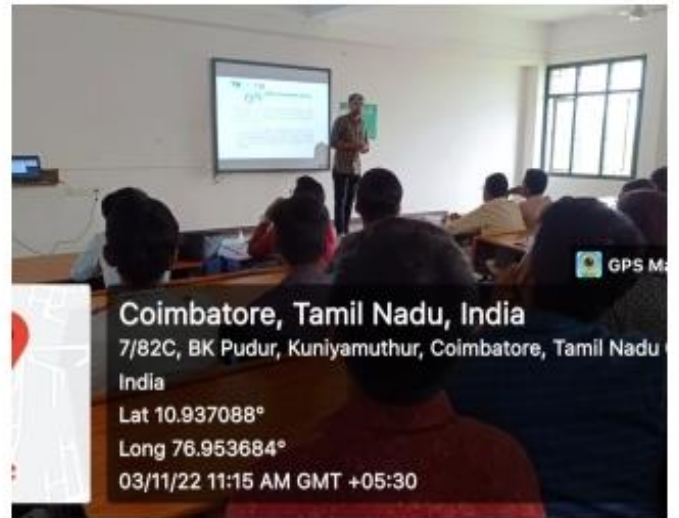
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MECH | ALUMNI INTERACTION



Mr. Iniyavan, 2015 Batch Alumnus, working at General Electric Malaysia interacted with the **Third year Mechanical Engineering** students regarding opportunity for **Mechanical Engineers** in core companies, SAP Certification course and their need in industries. Awareness on internship opportunities in General Electric was also given.

SKCET



CREATIVE CORNER



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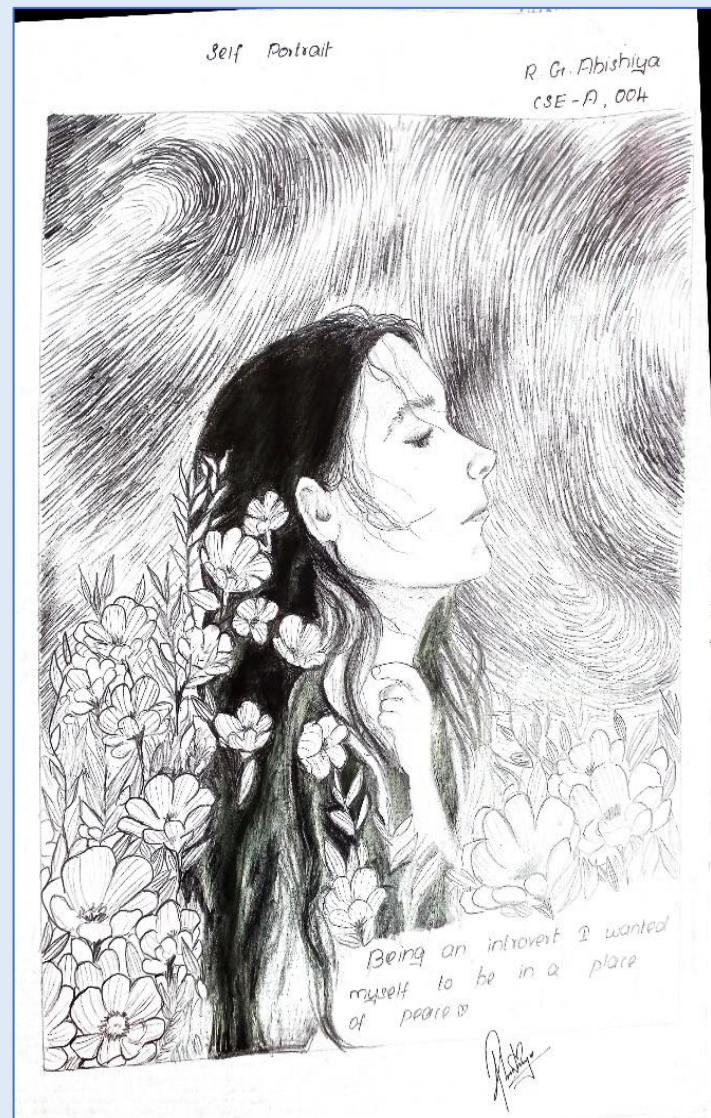
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S&H | CREATIVE ART

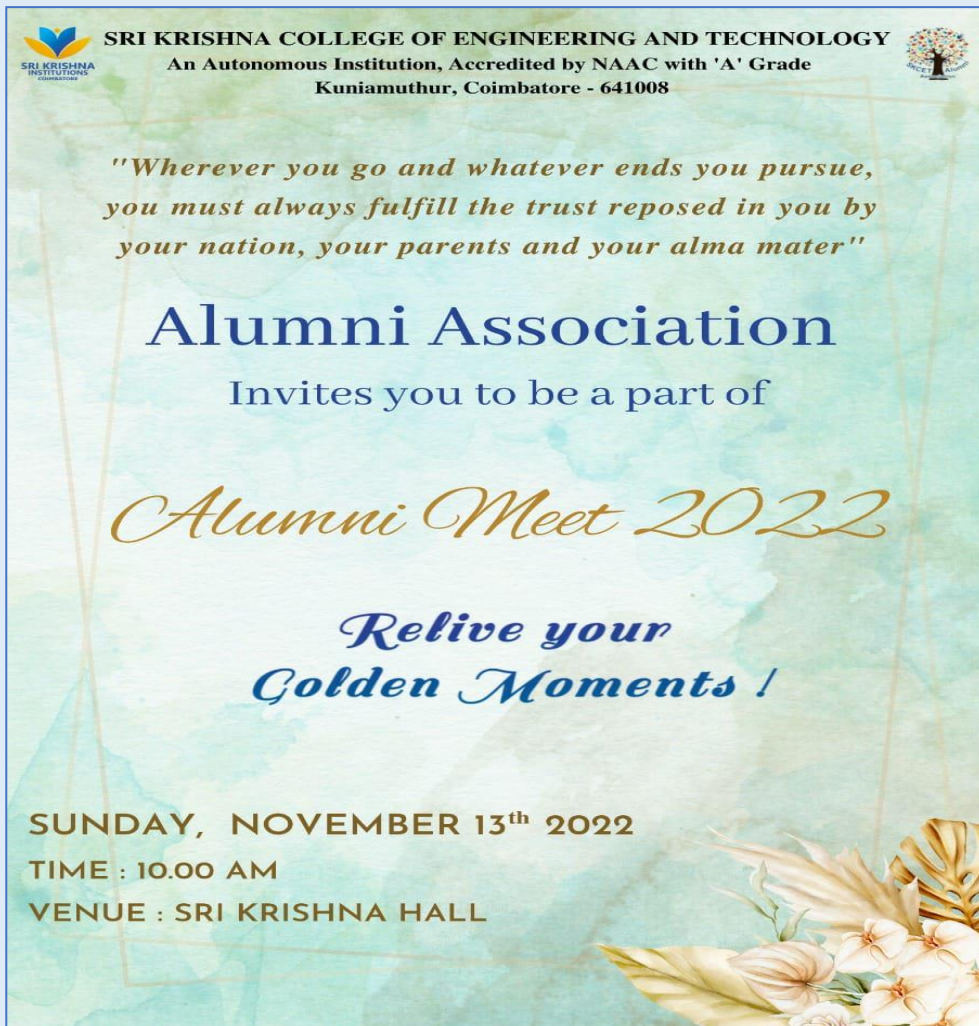




AMRITH MENON S | B.TECH AI & DS

ABHISHIYA R G, I BE CSE A



SKCET | UPCOMING EVENT - ALUMNI ASSOCIATION




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*"Wherever you go and whatever ends you pursue,
you must always fulfill the trust reposed in you by
your nation, your parents and your alma mater"*

Alumni Association
Invites you to be a part of

Alumni Meet 2022

*Relive your
Golden Moments !*

SUNDAY, NOVEMBER 13th 2022
TIME : 10.00 AM
VENUE : SRI KRISHNA HALL

SKCET Annual Mega Alumni Meet 2022 - Reconnect to Rejoice

Let us celebrate your Homecoming on **13th November 2022**

What awaits you @ SKCET?

- Fantabulous Fantasy
- Illuminated Repainted Past
- Relive your Magical Moments
- Rainbow Photoshoot
- Spot Event Atrocities
- Delicious Delicacies

It's our SKCET Alumni Family Fest! Hearty Welcome ALUMNI of SKCET!