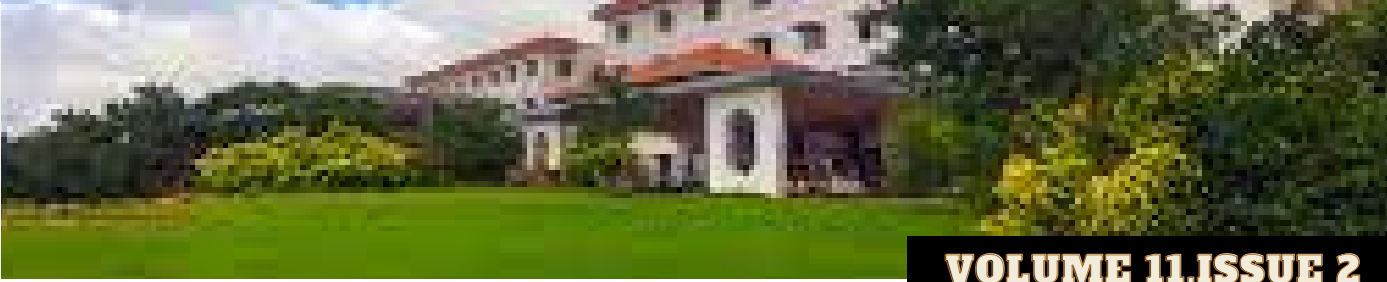


E-BUZZ

An issue of ECE Department



**VOLUME 11, ISSUE 2
MAY 2022**

Hindusthan College of Engineering And Technology

MESSAGE FROM CHIEF EDITOR

It is the great honour and immense pleasure to release the volume 11, issue 2 of our Department's newsletter. In this issue, we will recount the various activities in which our students and faculty members have actively involved. I hope this edition kindles the interest of achievement.

-Dr.P.Vijayalakshmi
Chief Editor



Mission

- To expand frontiers of knowledge through the provision of inspiring learning environment
- To develop the intellectual skills towards employability by fostering innovation, and creativity in learning.
- To provide a quality system for wholesome learning to achieve progress and prosperity in life along with moral values

Vision

- To nurture Electronics and Communication Professionals with exemplary technical skills adorned with ethical values.

Inside this issue:

- *Message from Chief Editor*
- *Academic Leaderboard*
- *Department Events*
- *Achievements*
- *Faculty Participation*
- *Student Participation*
- *Placements*
- *Industrial visit*
- *Publications*
- *Editor's desk*

Objective And Outcomes Of ECE

PROGRAM EDUCATIONAL OBJECTIVES (PEOs):

PEO1 To prepare the graduates to solve, analyze and develop real time engineering products by providing strong foundation in the fundamentals of Electronics and Communication Engineering

PEO2 To prepare the graduates to succeed in multidisciplinary dimensions by providing adequate trainings and exposure to emerging technologies

PEO3 To prepare the graduates to become a successful leader and innovator following ethics with the sense of social responsibility for providing engineering solutions

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1:

Graduates will be able to provide solutions for real time embedded systems using Internet of Things to meet the global needs.

PSO2:

Graduates will have the perseverance to design develop products using cutting edge technologies in Signal processing and Communication systems.

Academic Leaderboard

2018-2022 Batch

VII SEMESTER



SRUTHI R
CGPA-9.71



APARNA S NAIR
CGPA-9.65



GOWSIK P
CGPA-9.62

2019-2023 Batch

V SEMESTER



Archana
CGPA-9.79



Anisha
CGPA-9.69



Rifhath Rizan Mohammed Rabeek
CGPA-9.67

2020-2024 Batch

III SEMESTER



Miruthula T
CGPA-9.57



Keerthana Devi V
CGPA-9.45



Manikandan S
CGPA-9.40

SEMINAR ON "Career Guidance For Higher Education"



10.12.2021



SUMMARY

- ***Mr.Sandeep Nemali explained Career opportunities available in abroad for higher studies especially in Canada, UK, USA & Germany.***
- ***Students came to know about certain procedures on application process, scholarships, and courses available under various universities in different countries.***

Resource Person

Mr.Sandeep Nemali
Regional Manager Texas review
Coimbatore

Member Secretary/Coordinators

Dr.P.Vijayalakshmi
HOD,ECE

Webinar on "Study Abroad! Where next and what next"

Invitation:



HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)
Valley Campus, Pollachi Highway, Coimbatore-32

Department of Chemical Engineering & Food Technology
in association with
Career Guidance & Higher Education Cell

Study Abroad! Where next and what next?

Chief Guest
Dr. Divya Thiagarajan
Scientist
Pixelgen Technologies,
Stockholm, Sweden

Date : 11.12.2021 Time: 11.30AM to 12.30PM

Principal: Dr. Jaya J CEO: Dr. Karunakaran K

Co-Ordinators: Dr. Vijayalakshmi P, HoD/ECE; Dr. Murugeswari T, Asso. Prof./EEE
Convenor: Dr. Seenuvasan M, HoD/Chem Engg
Organizers: Mrs. Neethu C.S. AP/FT, Ms. Princy N. AP/FT, Mr. Dineshkumar M. AP/Chem

CGHECC Members

Join online Link
<https://event.webinarjam.com/channel/CG-HEC>

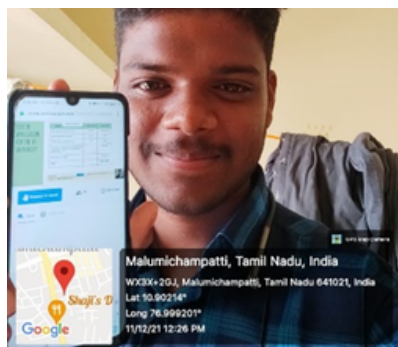


11.12.2021

Outcome:

- Dr. Divya Thiagarajan explained in detail about the IELTS, TOFFILE, GRE examination, its preparation tips and schedule of exams conducted
- Students came to know about various exams every year to study candidates in different Countries.

Screenshots:



Event Summary

- The seminar on "Study Abroad! Where next and what next" is conducted on 11.12.2021 at 11:30 AM. Faculty and Student Coordinating Team of the CGHE Club, HICET and about 77 students from various departments attended the program
- The Member Secretary Dr. T. Murugeswari welcomed the Resource Person
- Dr. Divya Thiagarajan Scientist Pixelgen Technologies, Stockholm, Sweden.
- The speaker interacted with the participants on online mode and answered all the queries made by the participants on their concerns regarding higher education.
- He also shared his experience as a "Study Abroad! Where next and what next". The webinar ended with a vote of thanks by the member secretary Dr. P. Vijayalakshmi.

Member Secretary/Coordinators:

Dr. P. Vijayalakshmi/ECE
Dr. T. Murugeswari/BME

Resource Person:

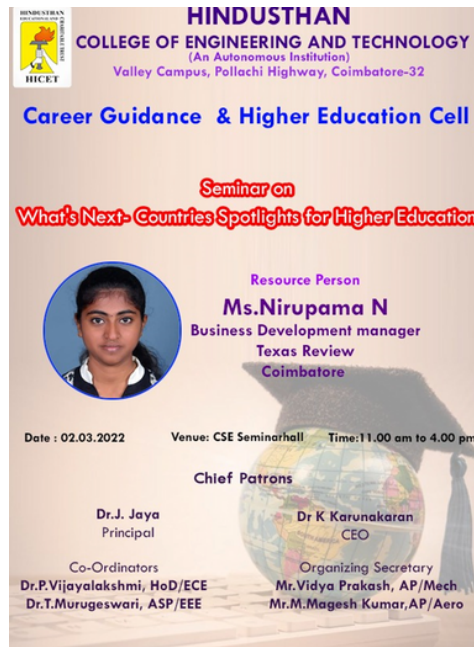
Dr. Divya Thiagarajan, Scientist;
Pixelgen Technologies,
Stockholm, Sweden.

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Department of Electronics and Communication

Career Guidance Program on the topic "What's next-Countries Spotlights for Higher Education"

Invitation:



Outcome:



02.03.2022

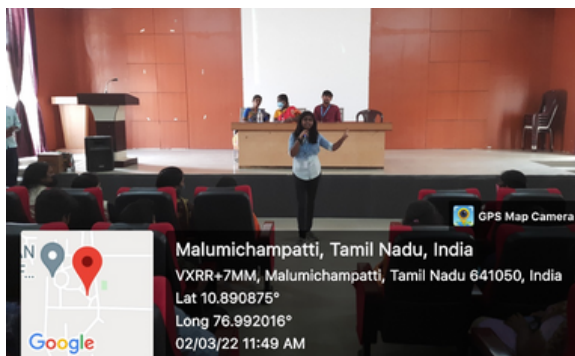
Ms Nirupama explained in detail about the higher studies examination, its preparation tips and schedule of exams conducted

Students came to know about various exams every year to study the candidates in different exams in different countries

Mr. Niruppama, presented about higher studies examination,

Students came to know about various exams conducted every year to study in abroad

Screenshots:



Event Summary:

- The seminar on "What's next-Countries Spotlights for Higher Education" is conducted on 02.03.2022 at 11:00 AM. Faculty and Student Coordinating Team of the CGHE Club, HICET and about 440 students from various departments attended the program
- The Member Secretary Dr. P. Vijayalakshmi welcomed the Resource Person Ms Nirupama N., Business Development Manager Texas Review Coimbatore.
- The speaker interacted with the participants and answered all the queries made by the participants on their concerns regarding higher education.
- He also shared his experience as a "What's next-Countries Spotlights for Higher Education". The webinar ended with a vote of thanks by the member secretary Dr. T. Murugeswari.

Member Secretary/Coordinators:

Dr. P. Vijayalakshmi
HOD, ECE

Resource Person:

Ms Nirupama N., Business
Development Manager Texas
Review Coimbatore.

Webinar on “What to do after Engineering?”

HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)
Valley Campus, Pollachi Highway, Coimbatore-32

Career Guidance & Higher Education Cell
Organizes

What to do after Engineering?
Grand Webinar Series by ADDA247
Career Counselling, Guidance & Govt. Job Opportunities

Speakers
Ms. Pranawa Nair (SSC)
Mr. Boopathi (Banking & Railway)

Date : 05.03.2022 Time: 3.30 pm

Chief Patrons
Dr. J. Jaya Principal
Dr. K Karunakaran CEO

Convenors
Dr. P. Vijayalakshmi, HoD/ECE
Dr. T. Murugeswari, ASP/BME

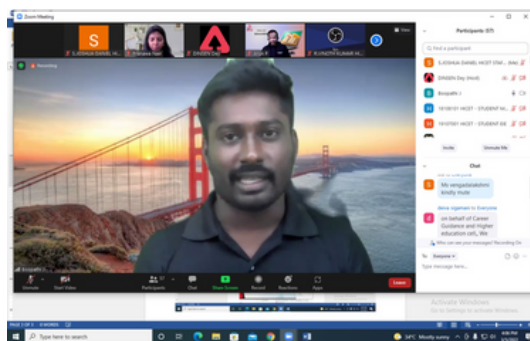
Co-Ordinators
Mr. D. Deivasigamani, AP/EIE
Mr. S. Joshua Daniel, AP/EEE

Join Zoom Meeting
<https://zoom.us/j/98603500859>

Outcomes 05.03.2022

- Mr Pranawa Nair explained in detail about the Staff selection examination, its preparation tips and schedule of exams conducted
- Students came to know about various exams every year to recruit candidates in different posts in ministries, departments and organizations of the Government of India.

- Mr Pranawa Nair explained in detail about the Staff selection examination, its preparation tips and schedule of exams conducted



- Students came to know about various exams every year to recruit candidates in different posts in ministries, departments and organizations of the Government of India.

Products We offer

- Video Courses
- Online Mock Tests
- eBooks & Practical Material
- Live Classes

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Department of Electronics and Communication

Resource persons


Mr Pranawa Nair for SSC
Mr.Boopathi for Banking & Railway
ADDA247, Coimbatore

Member Secretary/Coordinators

Dr.P.Vijayalakshmi
HOD,ECE

Guest Speech on "Career Opportunities in Engineering"

Invitation:

 29.03.2022



Outcome:

Looking for a challenging role in a reputed company to utilize the Engineering skills that can contribute to the company's growth as well as enhance my knowledge by exploring new things.. Engineer can choose to work on projects that benefit society. Engineers help clean the environment, develop prosthetic aids, create clean and efficient transportation systems, find new sources of energy, alleviate the world's hunger problems, and increase the standard of living in underdeveloped countries

Screenshots:



Event Summary:

- The seminar on "Seminar On Career Opportunities in Engineering" is conducted on 29.03.2022 at 10:00 AM. Faculty and Student Coordinating Team of the CGHE Club, HICET and about 1200 students from various departments attended the program
- The Principal Dr.J.Jaya welcomed the Resource Person Mr.Jayaprakash, career consultant.
- The speaker interacted with the participants and answered all the queries made by the participants on their concerns regarding higher education.
- He also shared his experience as a career consultant and the seminar ended with a vote of thanks by the member secretary Dr.P.Vijayalakshmi.

Member Secretary/Coordinators:


Dr.P.Vijayalakshmi
HOD,ECE

Resource Person:

Mr.Jayaprakash Gandhi
Career Guidance,
Salem

Seminar on "Higher Education Avenues, Scholarship Aboard and Career Opportunities"

Invitation:



HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)
Valley Campus, Pollachi Highway, Coimbatore-32

Career Guidance & Higher Education Cell

Seminar on
Higher Education Avenues, Scholarship Abroad
and Career Opportunities

Resource Person
Mr.S Siddharth , B.E., M.B.A.,(AIM,Manila)
Career Consultant
T.I.M.E Institute
Coimbatore

Date : 18.05.2022 **Time:**11.30 am to 01.00 pm
Venue: Lavendar Hall(PG Block)

Chief Patrons

Dr.J. Jaya
Principal

Dr K Karunakaran
CEO

Co-Ordinators
Dr.P.Vijayalakshmi, HoD/ECE
Dr.T.Murugeswari, ASP/BME

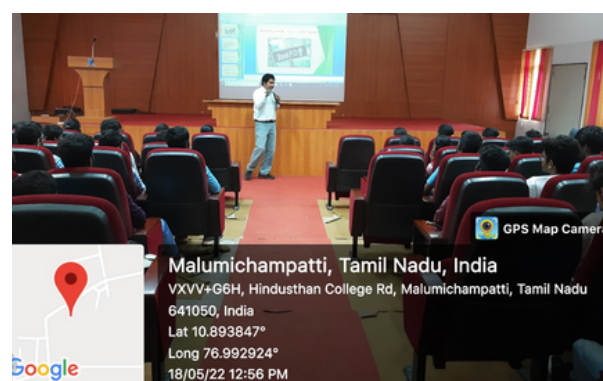
Organizing Members
Ms.B.Ambika, AP/ECE
Ms.Monisha,AP/BME



18.05.22

Outcome:

The speaker interacted with the participants and answered all the queries made by the participants on their concerns regarding higher education. Studying in an international environment will give you the opportunity to make lifelong friends and connections from an array of different backgrounds. You will meet students from across the world meaning you can create a global network of contacts. The opportunity to diversify and interact with students, who will go on to work in a wealth of different international industries, allows you to create a worldwide contact base that comes with a number of advantages that can help you throughout life and your career will lead to you becoming a more mature person, thriving in new circumstances and improving your self-reliance and resilience. The improvement of other skills such as language, communication, adapting to unexpected situations and leadership will also help you to be more confident.



Member Secretary/Coordinators:

Dr.P.Vijayalakshmi,HOD,ECE
Ms.B.Ambika,AP/ECE


Resource Person:

Mr.S.Siddharth, B.E., M.B.A (AIM,Manila),
Career Consultant,
T.I.M.E Institute Coimbatore

Seminar on "How to become an officer"

EVENT

Invitation:

 23.05.2022

Outcome:

The banking sector is considered to as the backbone of the Indian economy and offers various career opportunities to students from all fields. It is one of the lucrative careers especially for the people who are looking job in government sector. Speaker Mr.Arun Prasath interacted with our students on various opportunities available in banking sectors and their recruitment methods. Mr.Karuppasamy discussed on other govt. jobs under SSC and Railway recruitment boards. Students interacted with the speakers and came to know about various openings available in govt. sectors



adda247
College of Engineering and Technology
An Autonomous Institution

How to BECOME AN OFFICER

LIFE TURNING AFTER **21**

Career Guidance Programme by **adda247**

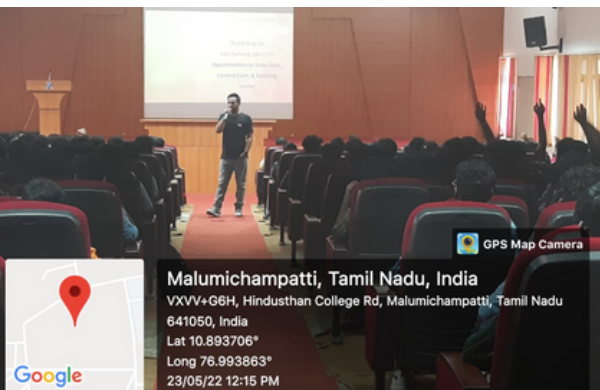
CHIEF PATRONS
Dr.K.Karunakaran CEO, Dr.J.Jaya Principal

COORDINATORS
Dr.P.Vijayalakshmi Prof and Head/ECE, Dr.T.Murugeswari ASP/BME

ORGANISING MEMBERS
Dr.J.Ramya ASP/ECE, Ms.Dhanalakshmi D AP/MCT

SPEAKERS
Mr.Arun Prasath RESOURCE PERSON BANK & STATE LEVEL EXAMS
Mr.Karuppasamy RESOURCE PERSON ENGINEERING GOVT EXAMS, UPSC

DATE 23.05.2022-11:30AM



Member Secretary/Coordinators:

Dr.P.Vijayalakshmi ,HOD/ECE
Dr.J.Ramya, Asp/ECE

Resource Person:

Mr.Arun Prasath
Mr.Karuppasamy
ADDA247, Coimbatore

Webinar on "RF / ANALOG IC DESIGN – INDUSTRY NEEDS & CAREER OPPORTUNITIES"

Invitation:



15.12.2022

HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)
Valley Campus, Pollachi Highway, Coimbatore – 641032.

Department of Electronics and Communication Engineering

Webinar
on
"RF/Analog IC Design-Industry Needs & Career Opportunities"

Resource Person
Mr. Shashikant Sarode
RFIC Design Engineer,
S M Technologies,
Nagpur, Maharashtra

Date : 15.12.2021 Time : 11:00 AM to 12:00 PM

Coordinators
Dr.P.F.Khaleelur Rahiman
Asso. Prof., ECE
Mr.T.Anandaselvakarthish
AP, ECE

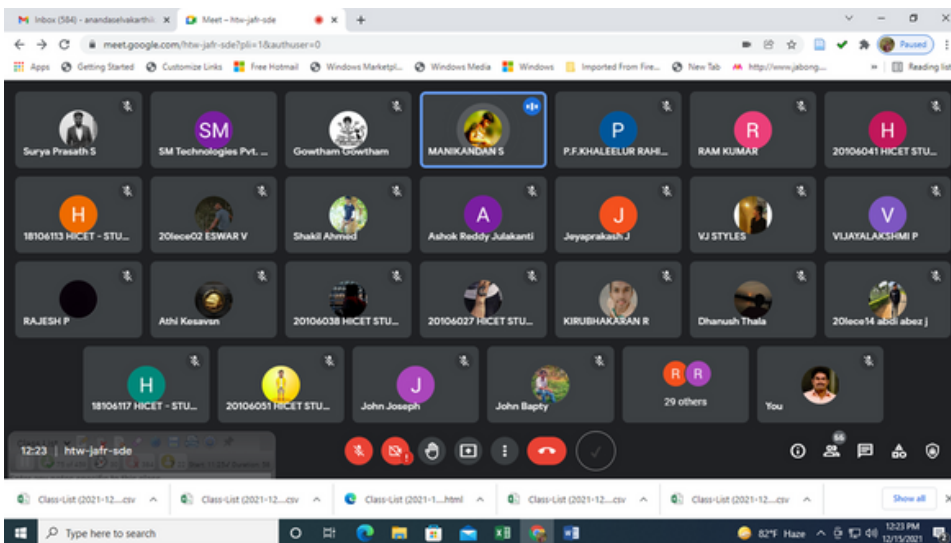
Convenor
Dr.P.Vijayalakshmi
HoD, ECE

Patrons
Dr.J.Jaya
Principal
Dr.K.Karunakaran
CEO

Online Platform - Google Meet

Outcome:

Participants were able to understand the various design procedures and limitations of RF amplifier design , Low noise amplifier , RF oscillator design.



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Department of Electronics and Communication

Member Secretary/Coordinators:

Dr.P.F.Khaleelur Rahiman
Mr.T.Anandaselvakarthish

Resource Person:

Mr. Shashikant Sarode
RFID Design Engineer,
S M TECHNOLOGIES PVT. LTD.,
NAGPUR , MAHARASTRA

Webinar on "Industrial Internet of things: Challenges, Opportunities and Directions"

Department of Electronics and Communication

EVENT

Invitation:



28.03.2022

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)
Valley Campus, Pollachi Highway, Coimbatore – 641032.

Department of Electronics and Communication Engineering & IOT Club

Jointly Organizes the Distinguished Alumni Talk on
"Industrial Internet of Things: Challenges, Opportunities and Directions"

Resource Person
Mrs.M.Kavitha
(ECE :2009-2013 batch)
Senior Analyst,
America's Trade and Customs Operations,
MOLEX LLC Ltd, Canada

Date : 28.03.2022 **Time : 03:00pm to 4:00pm**

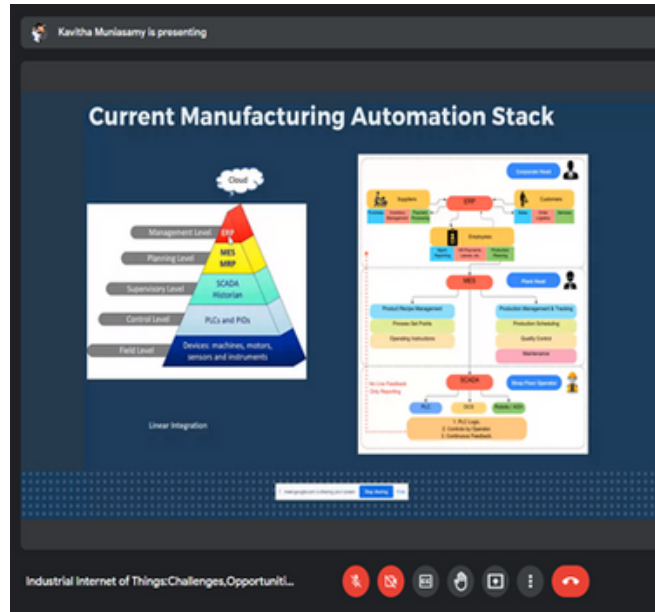
Coordinators
Dr.J.Ramya, ASP /ECE
Dr.K.Kalaiselvi, ASP /ECE

Convenor
Dr. P.Vijayalakshmi
HOD, ECE

Patrons
Dr.J.Jaya
Principal
Dr.K.Karunakaran
CEO

Registration Link
<https://forms.gle/bHy5b8KhJgfkYU38>

Google Meet



The screenshot shows a Google Meet session in progress. The main content area displays a slide titled "IOT Vs IIOT" with a diagram comparing "INDUSTRIAL Internet of Things" and "CONSUMER Internet of Things". The slide lists "IIOT Helps to Achieve" with bullet points: Efficiency, Quality, Flexibility, and Safety. The "People" panel on the right shows the host, Kavitha Mulasamy, and 96 other participants. The bottom of the screen shows a Windows taskbar with the time 3:14 PM on 3/28/2022 and a temperature of 32°C.

Member Secretary/Coordinators:

Dr.P.Vijayalakshmi ,HOD/ECE
Dr.K.Kalaiselvi
Dr.J.Ramya,Asp/ECE

Resource Person:

Mrs.M.Kavitha
(Distinguished Alumni of Department of ECE, HICET :2009-2013 batch)
Senior Analyst, America's Trade and Customs Operations,
MOLEX LLC Ltd.
Canada

MoU Activities - Industry - Institute Interactions and Interview for Internship



27.11.2022 &
29.11.22



HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)
Valley Campus, Pollachi Highway, Coimbatore – 641032.

NEW QBITRONICS, COIMBATORE
Is providing
INTERNSHIP

DEPARTMENTS PREFERRED: ECE/EEE/E&I

We require BE/ME: ECE/EEE/EIE candidates for internship:

- 1) Candidates Required: 10 nos.
- 2) 2nd/3rd/final year
- 3) They should work on our clients project and Products.

Domain:

- 1) Industrial Automation,
- 2) 3D Automation of Human Body Reader-IOT: Wireless Sensing Parameters.
- 3) Power Automation-IOT
- 4) Agricultural IOT Automation

Tools:

- 1) ARM 32 bit
- 2) Arduino wifi
- 3) OS: Linux and Windows
- 4) OS: Android App

SUBJECTS preferred: Digital electronics, Basics of C and PYTHON

DURATION OF INTERNSHIP: 2 MONTHS
Working hours: Full Time 9 am to 6 pm

INTERVIEW DATE: 27.11.2021, 11 AM
OFFLINE MODE
VENUE: PLACEMENT BLOCK
CONTACT: Dr.R.SABITHA/ECE




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Member Secretary/Coordinators:

Dr.R.Sabitha
Professor/ECE

Industry :

New Qbitronics ,Coimbatore

Hands-on Training on Embedded Systems



11.11.2022

HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
 (AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
 Accredited with NBA & 'A' Grade by NAAC, An ISO 9001:2015 Certified Institution)

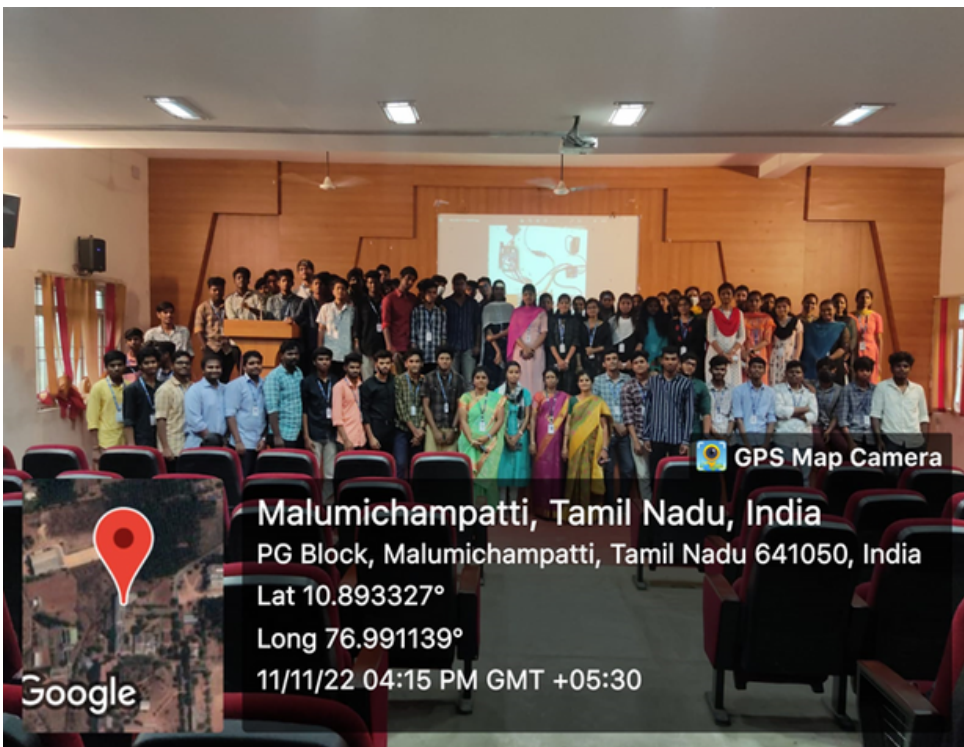
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Cordially invites you all for the
 Workshop
Hands on Training on Embedded Systems

Resource Person
Mr.Rijo
Project Manager
Emglitz Technologies, Coimbatore

Date - 11/11/2022 Time-2:00-4:30PM Venue - Kurinji Hall

Co-ordinator	Convener	Principal	CEO
Dr.R.Sabitha	Dr.P.Vijayalakshmi	Dr.J.Jaya	Dr.K.Karunakaran
Prof/ECE	HOD/ECE		



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Department of Electronics and Communication

Member Secretary/Coordinators:

Dr.R.Sabitha, Professor/ECE

Industry :

Mr.Rijo
Project Manager,
Emglitz Technologies, Coimbatore

STUDENT'S ACHIEVEMENTS



11.11.2022

தி கோவை வமயில்

தமிழ் & ஆங்கில வார இதழ்

Postal Reg.No: CB-123/21-23.

www.covaimail.com www.facebook.com/THE COVAI MAIL

Date : 14 Jun 2022

இந்துஸ்தான் பொறியியல் கல்லூரி

மாணவர்கள் தேசிய அளவில் சாதனை



அகில இந்திய அளவில் சாதனை படைத்த இந்துஸ்தான் கல்லூரி மாணவர்களின் குழு புகைப்படம்.



தி கோவை வமயில்

ஐடி மும்பை மற்றும் ஏறாபாடு செய்த Mapathon -2022.

கருப்பொருள் வரைபடங்களை உருவாக்குவதற்கான போட்டியில் இந்துஸ்தான் பொறியியல் கல்லூரியைச் சார்ந்த 68 மாணவர்கள் தேசிய அளவில் சாம்பியன்களாக வெற்றி பெற்றுள்ளனர்.

ஒரு சமூகத்திற்கான வரைபடங்களின் துல்லியம்

மற்றும் பயனை மேம்படுத்தும் புதிய கருவிகள்/ முறைகளை உருவாக்கும் விதமாக இந்திய அரசு மேற்கொண்ட புதிய முயற்சியில் இந்துஸ்தான் மாணவர்கள் தங்களுடைய பங்களிப்பை அளித்துள்ளனர். பல்வேறு துறைகளிலும் வேலைவாய்ப்புகளை அதிகப்படுத்தும் இம்முன்மாதிரி போட்டிகள் ஊக்கமும் உற்சாகமும் அளித்து மாணவர்களின் செயல் திறமையை மேம்படுத்துகிறது. இப்போட்டியில் சாம்பியன்களாக முதலாம்

இடத்தில் கட்டுமானத் துறையை சார்ந்த மாணவர் குழுவும், இரண்டாம் இடத்தில் மின்னணு மற்றும் தொலைத்தொடர்பு துறை சார்ந்த மாணவர் குழுவும், மூன்றாமிடத்தில் அனைத்துத் துறைகளையும் சார்ந்த 15 குழுக்களும் அகில இந்திய அளவில் சாதனை படைத்துள்ளனர். தேசிய அளவில் கலந்துகொண்ட 4666 மாணவர்களில், இந்துஸ்தான் கல்லூரியில் இருந்து 263 மாணவர்கள்

பங்கேற்றனர். இதில் 17 குழுக்களாக அனைத்துத் துறைகளையும் சார்ந்த 68 மாணவர்கள் தங்களது நிலைநாட்டியுள்ளனர்.

இப்போட்டியில் கலந்துகொண்டு சாதனை படைத்த மாணவர்களை, கல்லூரியின் அறங்காவலர் சரஸ்வதி கண்ணையன், இணை செயலாளர் பிரியா சதீஷ் பிரபு, முதன்மை செயல் அதிகாரி கருணாகரன், கல்லூரி முதல்வர் ஜெயா மற்றும் கல்லூரி பேராசிரியர்கள் பாராட்டினர்.

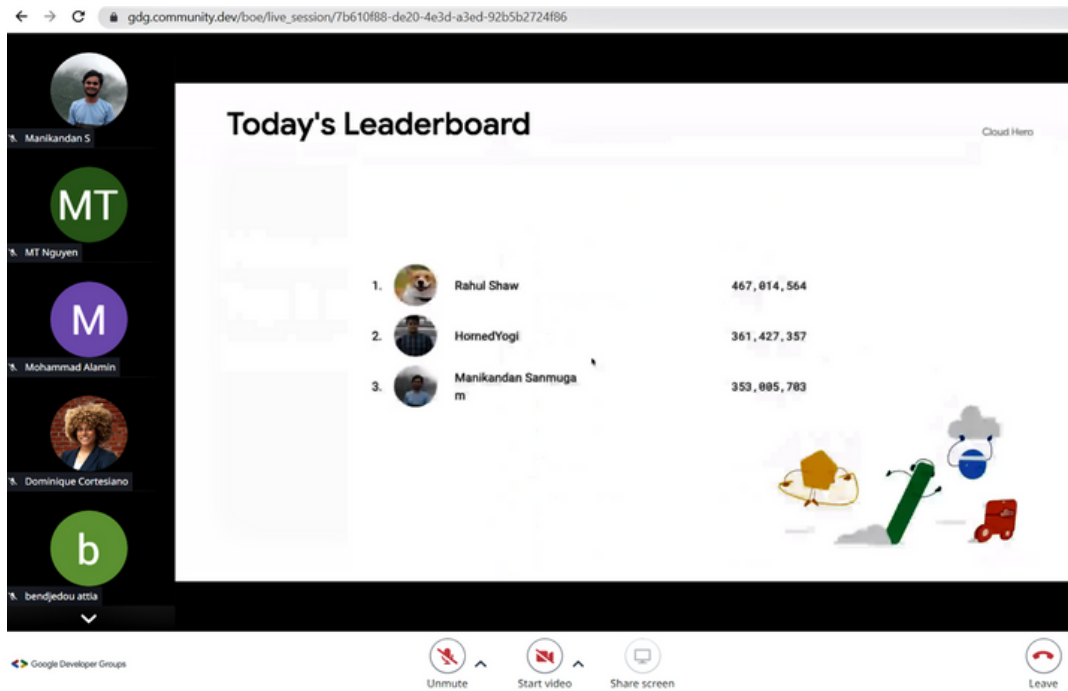
COVID-19 IS NOT OVER; FOLLOW THE RULES

Manikandan.S,II ECE b has been recognized as a winner for MAPATHON 2022 which is conducted from 22nd feb to 29th March 2022

Event name : Mapathon 2022
Organized by: IIT Bombay, AICTE

Department of Electronics and Communication
ACHIEVEMENTS

STUDENT'S ACHIEVEMENTS



Mr.S.Manikankan of II ECE B has secured third place in Cloud Hero Hackathon, Organized by Google Developer Groups Munich,Germany

ACHIEVEMENTS

Department of Electronics and Communication

FACULTY PARTICIPATIONS

SEMINARS/WEBINARS ATTENDED BY FACULTY

S.No.	Name of the Faculty (with designation)	Name of the Seminar / Webinar	Organised by	Date
1.	Dr. Vijayalakshmi P, Professor	NIPAM National Awareness Mission Sponsored seminar on IP Awareness Training	IP Office India	02.03.2022
2	Mr. Suresh Kumar P, Assistant Professor	CSIR Sponsored Seminar on Exploration on Autonomous Mobile Robotics (AMR) In Industry 4.0/5.0	Sri Ramakrishna Engineering College	21.04.2022 to 22.04.2022
3	Ms. Vanitha R, Assistant Professor	CSIR Sponsored Seminar on Exploration on Autonomous Mobile Robotics (AMR) In Industry 4.0/5.0	Sri Ramakrishna Engineering College	21.04.2022 to 22.04.2022
4	Dr. Udhayakumar A, Associate Professor	Webinar on Applications of Machine Learning in Engineering Problems	SRM Institute of Science and Technology	22.04.2022
5	Mrs. Nivethitha T, Associate Professor	Webinar on Applications of Machine Learning in Engineering Problems	SRM Institute of Science and Technology	22.04.2022
6	Dr. Poonguzhali P K, Associate Professor	Webinar on Applications of Machine Learning in Engineering Problems	SRM Institute of Science and Technology	22.04.2022
7	Dr. Khaleelur Rahiman P F, Associate Professor	Problem Solving and Ideation Workshop	Hindusthan College of Engineering and Technology, Coimbatore	29.01.2022

PARTICIPATIONS

Department of Electronics and Communication

FACULTY PARTICIPATIONS

FDP / STTP ATTENDED BY FACULTY

S.No.	Name of the Faculty (with designation)	Name of the Workshop	Organised by	Date
1	Dr.Vijayalakshmi P Professor & Head	Refresher Program on "Modern Technologies for Teaching	PSR EngineeringCollege ,Sivakasi	31.01.2022 to 5.02.2022
2	Dr.KhaleelurRahiman P F Associate Professor	"Inculcating Universal Human Values in Technical Education"	All India Council for Technial Education, Nelson Mandela Marg, Vasant Kunj, New Delhi.	3.1.2022 to 7.1.2022.
3	Dr.KhaleelurRahiman P F Associate Professor	Emerging Technologies	National Institute of Technology Durgapur, West Bengal	8.03.2022 to 12.3.2022
4	Dr.KhaleelurRahiman P F Associate Professor	Entrepreneurship skill development	Hindusthan College of Engineerign and Technology, Coimbatore	21.2.2022 to 25.2.2022
5	Dr.Kalaiselvi K	FDP on "Innovative Teaching and OBE"	Dhirajal gandhi College of Technology	7.2.22 to 12.2.22
6	Mr.Mohankumar M Assistant Professor	Technology driven healthcare systems	Jawaharlal College of Engineering and Technology	18.01.2022 to 24.01.2022
7	Ms. Ambika B	FDP on "Innovative Teaching and OBE"	Dhirajal gandhi College of Technology	7.2.22 to 12.2.22
8	Ms. Ambika B	Orientation and refresher Programme on "Technology Driven Healthcare Systems"	Jawaharlal College of Engineering and Technology	18.01.2022-24.01.2022
9	Ms. Ambika B	FDP on Emerging Technologies	Dr. B.C. Roy EngineeringCollege Durgapur, West Bengal,	08.03.2022 to 12.3.2022
10	Dr.Manjula T	PARAKH STTP AICTE training programe	AICTE	07.3.22 TO 22.3.22

PARTICIPATIONS

Department of Electronics and Communication

FACULTY PARTICIPATIONS

FDP / STTP ATTENDED BY FACULTY

S.No.	Name of the Faculty (with designation)	Name of the Workshop	Organised by	Date
11	Dr.Manjula T	FDP on "Bio Medical Image Processing issues challenges and Techniques	JCT College of Engineering and Technology	01.03.22 TO 5.3.22
12	Dr.Poonguzhali P K Associate Professor	Environmental Sustainability and Research Ethics	Avinashilingam Institute for Home Science and Higher Education for Women	28.03.2022 to 1.04.2022
13	Dr.Poonguzhali P K Associate Professor	Refresher Program on "Modern Technologies for Teaching	PSR EngineeringCollege ,Sivakas	31.01.2022 to 5.02.2022
17	Mr.Baskar D	STTP on Student Learning Assessment	Construction Industry Development Council	07.02.2022 to 19.02.2022
18	Mrs.Menakadevi N	FDP on Statistical modelling and analysis of advanced wireless communication system	IIT Indore	17.03.2022 to 23.03.2022
19	Mr.Anandaselva karthik T	FDP on Statistical modelling and analysis of advanced wireless communication system	IIT Indore	17.03.2022 to 23.03.2023

Department of Electronics and Communication

PARTICIPATIONS

FACULTY PARTICIPATIONS

NPTEL CERTIFICATION

S.No.	Name of the Faculty (with designation)	Name of the Course	Course Offered by
1	Dr.Suresh babu A,Associate Professor	Digital Circuits	IIT, Kharagpur
2	Dr.Khaleelur Rahiman P F,Associate Professor	Microprocessor and Interfacing	IIT Guwahati
3	Ms.Vanitha R,Assistant Professor	Microprocessor and Interfacing	IIT Guwahati
4	Mr.Suresh Kumar P,Assistant Professor	Microprocessor and Interfacing	IIT Guwahati
5	Mr.Anandaselvakarthik T,Assistant Professor	Principles of Communication System-I	IIT, Kharagpur
6	Ms.Menakadevi N,Assistant Professor	Principles of Communication System-I	IIT, Kharagpur
7	Dr.J.Ramya,Associate Professor	Machine learning	KTH, The Royal Institute of Technology
8	Dr.P.Vijayalakshmi,Professor	Machine learning	KTH, The Royal Institute of Technology

Department of Electronics and Communication

PARTICIPATIONS

STUDENT PARTICIPATIONS

S. No.	Name of the Student	Year	Name of the Programme	Status
1.	Jeyaprakash J Manikandan S Gokul A P Godson C	II	Mapathon	Winner
2.	Bharath Kumar S Janine Rohan L Jeeva Varshini P Tharun Lal P M S	II	Mapathon	Participated
3.	Kaviyadevi M Koushika Keerthana Devi V Divya Singh	II	Mapathon	Participated
4.	Manikandan S	II	Google cloud challenge	Winner
5.	Abhinav Babu Deekshith S Arish B Dhineshkumar S	IV	Mapathon	Participated
6.	Sarath Aarthiyam.P	II	Project presentation in KGiSL spectra 2k22	Participated

PARTICIPATIONS

Department of Electronics and Communication

STUDENT PARTICIPATIONS

7	K.Santhoshini	III	Inter level chess competition on account of "International Youth Day" CSIR sponsored one day National Level conference on (NCEMBM-2022)	II PLACE
8	Ranjith K	II	National Level symposium KGiSL spectra 2k22	Participated
9	Nivash C	III ECE A	IBM Hack challenge	Participated
10	Naveen Kumar N	III ECE A	National level seminar on Genomics and Precision medicine: Molecular Diagnostics Innovation shaping the future of healthcare in India	Participated

PARTICIPATIONS

Department of Electronics and Communication

STUDENT PARTICIPATIONS

11	Santhosh Perumal J V Sangeetha	III ECE A	National level seminar on Genomics and Precision medicine: Molecular Diagnostics Innovation shaping the future of healthcare in India	Participated
12	V Sangeetha	III ECE A	e-Quiz on Chemistry for sustainable Environment	Participated
13	SYED SHARUKH	IV ECE	HITECH - ORATORICAL CLUB TECHNICAL QUIZ	Participated
14	SYED SHARUKH	IV ECE	GUVI - FACE REGONITION APPLICATION EVENT	Participated
15	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	"Current Trends in Software Testing Methodologies - Series	Participated

PARTICIPATIONS

Department of Electronics and Communication

STUDENT PARTICIPATIONS

16	ROHUL SIBI M	IV ECE	“Current Trends in Software Testing Methodologies - Series	Participated
17	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	THE ROLE OF READING IN EFFECTIVE COMMUNICATION	Participated
18	ROHUL SIBI M	IV ECE	THE ROLE OF READING IN EFFECTIVE COMMUNICATION	Participated
19	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	INSPIRATION for INNOVATION	Participated
20	ROHUL SIBI M	IV ECE	INSPIRATION for INNOVATION	Participated
21	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	itiq 2021 quiz (from IQ club)	Participated
22	ROHUL SIBI M	IV ECE	itiq 2021 quiz (from IQ club)	Participated
23	SYED SHARUKH	IV ECE	ASTRONOMY CLUB - TECHNICAL QUIZ	Participated

PARTICIPATIONS

Department of Electronics and Communication

STUDENT PARTICIPATIONS

24	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	waste management strategies	Participated
25	ROHUL SIBI M	IV ECE	waste management strategies	Participated
26	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	industry expectation from academia	Participated
27	ROHUL SIBI M	IV ECE	industry expectation from academia	Participated
28	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	ESKILL INIDA - EFFECTIVE COMMUNICATION	Participated
29	ROHUL SIBI M	IV ECE	ESKILL INIDA - EFFECTIVE COMMUNICATION	Participated
30	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	Application of Graph theory in various disciplines	Participated
31	ROHUL SIBI M	IV ECE	Application of Graph theory in various disciplines	Participated

PARTICIPATIONS

Department of Electronics and Communication

STUDENT PARTICIPATIONS

32	ROHUL SIBI M	IV ECE	INTEL DISTRIBUTION OF OPENVINO TOOLKIT	Participated
33	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	Business Communication for Project Management and Digital Transformation	Participated
34	ROHUL SIBI M	IV ECE	Business Communication for Project Management and Digital Transformation	Participated
35	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	Insights of IoT in Industrial Automation	Participated
36	ROHUL SIBI M	IV ECE	Insights of IoT in Industrial Automation	Participated
37	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	Start your own business	Participated
38	ROHUL SIBI M	IV ECE	Start your own business	Participated
39	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	Applications of AI in Core Engineering	Participated
40	ROHUL SIBI M	IV ECE	Applications of AI in Core Engineering	Participated
41	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	Fundamental Process of Publishing Research Articles and The Various Funded Projects	Participated
42	ROHUL SIBI M	IV ECE	Fundamental Process of Publishing Research Articles and The Various Funded Projects	Participated
43	ROHUL SIBI M	IV ECE	ISRO - GEOSPATIAL TECHNOLOGY FOR HYDROLOGICAL MODELLING	Participated

PARTICIPATIONS

Department of Electronics and Communication

STUDENT PARTICIPATIONS

44	ROHUL SIBI M	IV ECE	APPLICATION OF MATHEMATICS IN VARIOUS DISCIPLINES	Participated
45	ROHUL SIBI M	IV ECE	ISRO - GEOSPATIAL TECHNOLOGY FOR WATERSHED MANAGEMENT	Participated
46	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	RAINWATER HARVESTING TECHNIQUES"	Participated
47	ROHUL SIBI M	IV ECE	RAINWATER HARVESTING TECHNIQUES"	Participated
48	SYED SHARUKH	IV ECE	EQUIZ - NATIONAL LIBRARIAN DAY	Participated
49	ROHUL SIBI M	IV ECE	GROWING OPPURTUNIES IN CYBER SECURITY	Participated
50	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	Magnetocaloric Materials- Advanced Materials for Magnetic Cooling	Participated
51	ROHUL SIBI M	IV ECE	Magnetocaloric Materials- Advanced Materials for Magnetic Cooling	Participated
52	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	MATIC-Time management during COVID 19 and Beyond	Participated
53	ROHUL SIBI M	IV ECE	MATIC-Time management during COVID 19 and Beyond	Participated
54	ROHUL SIBI M	IV ECE	KALAM PROGRAM	Participated
55	SYED SHARUKH	IV ECE	KALAM PROGRAM	Participated
56	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	BRAINSTORMZ 2K21 - PAPER PRESENTATION	Participated

PARTICIPATIONS

Department of Electronics and Communication

STUDENT PARTICIPATIONS

57	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	BRAINSTORMZ 2K21 - TECHNICAL QUIZ	Participated
58	ROHUL SIBI M	IV ECE	BRAINSTORMZ 2K21 - PAPER PRESENTATION	Participated
59	ROHUL SIBI M	IV ECE	BRAINSTORMZ 2K21 - TECHNICAL QUIZ	Participated
60	SYED SHARUKH	IV ECE	BRAINSTORMZ 2K21 - PAPER PRESENTATION	Participated
61	SYED SHARUKH	IV ECE	BRAINSTORMZ 2K21 - TECHNICAL QUIZ	Participated
52	ROHUL SIBI M	IV ECE	STUDENT ENTREPRENEUSHIP AWARENESS PROGRAM	Participated
63	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	Game of Drones Taking Safety to Newer Heights in Thermal Power	Participated
64	ROHUL SIBI M	IV ECE	Game of Drones Taking Safety to Newer Heights in Thermal Power	Participated
65	SYED SHARUKH	IV ECE	UMAGINE CHENNAI - TECHSHOW 23	Participated
66	SYED SHARUKH	IV ECE	PERFECT - PYTHON CERTIFICATION EVENT	Participated
67	RIFHATH RIZAN MOHAMMED RABEEK	IV ECE	CSIR SPONSORED ONE DAY NATIONAL LEVEL CONFERENCE	Participated
68	ROHUL SIBI M	IV ECE	CSIR SPONSORED ONE DAY NATIONAL LEVEL CONFERENCE	Participated
69	SYED SHARUKH	IV ECE	CSIR SPONSORED ONE DAY NATIONAL LEVEL CONFERENCE	Participated
70	SYED SHARUKH	IV ECE	PERFECT - DATA STRUCTURES CERTIFICATION EVENT	Participated

PARTICIPATIONS

Department of Electronics and Communication

SURITI

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
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1	ADHITHYAN	18106004	SURETI
2	AJITH C	18106006	SURETI
3	BOOPATHIRAJA M	18106019	SURETI
4	ARUL T	18106014	SURETI
5	GOWTHAMAN PALANIVEL	18106038	SURETI
6	DHARMARAJ M	18106029	SURETI
7	GANESAN K	18106031	SURETI
8	GOKULA KRISHNAN N	18106035	SURETI
9	HAJMADHULLA U	18106040	SURETI
10	HARSHAVARDHAN D	18106045	SURETI
11	KAVI PRIYAMVADHA N	18106056	SURETI
12	MANOCHITRA.G	18106066	SURETI
13	MOHANA JEGADEESH M	18106078	SURETI
14	MANOJKUMAR S	18106071	SURETI
15	PRINCE	18106108	SURETI
16	RAMKUMAR I	18106112	SURETI
17	ROHINTH B	18106116	SURETI
18	SASITHARAN S	18106120	SURETI
19	SAUMYA V	18106122	SURETI
20	SHRI SANJAYKUMAAR K	18106125	SURETI
21	SNEHA R	18106129	SURETI
22	SRIDHAR S	18106132	SURETI
23	SUBHIKSHA R	18106134	SURETI

PLACEMENTS

Department of Electronics and Communication

NTT DATA

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
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24	18106124	SHANGAMITH RRA M	NTT data
25	18106145	VIDHYA R	NTT data
26	18106051	KARNARAJA K N	NTT data
27	18106138	SURYAPRAKAS H N	NTT data
28	18106139	SURYAPRAKAS H S	NTT data

PLACEMENTS

Department of Electronics and Communication

BRIGOSHA

TECHNOLOGY

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
29	18106032	GANESH VARMA G	BRIGOSHA TECHNOLOGIES
30	18106110	RAGAVENDR A R	BRIGOSHA TECHNOLOGIES
31	18106101	POOJITH V	BRIGOSHA TECHNOLOGIES

VURAM

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
32	18106087	NARENTERAN S	Vuram

SIXPHRASE

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
33	1810600 8	AKALAY A M	SIXPHRASE

ZF WABCO

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
34	1810608 0	MUGILA N B	ZF WABCO

PLACEMENTS

Department of Electronics and Communication

QUEST GLOBAL

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
35	18106142	VENGADESAN K	QUEST GLOBAL
36	18106143	VENGATESH.N	QUEST GLOBAL
37	18106152	DEEPTHISREE K	QUEST GLOBAL

DIAMOND P

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
38	18106001	AAKASH U	DIAMOND PICK
39	18106013	ARAVIND S	DIAMOND PICK
40	18106027	DHANA LAKSHMI K	DIAMOND PICK
41	18106042	S.HARINATH	DIAMOND PICK

ORION

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
42	18106077	MOHAN KUMAR S	ORION
43	18106130	SNEHA S	ORION

CAPGEMINI

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
44	18106022	CHRIST NA M	CAPGEMINI
45	18106119	SARIKA K	CAPGEMINI

PLACEMENTS

Department of Electronics and Communication

TRINGAPPS

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
46	18106073	MITHUN KUMAR	TRINGAPPS
47	18106090	NAVEEN KUMAR A	TRINGAPPS

PRICOL

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
48	18106059	KUBENTHIRAN P	PRICOL
49	18106075	MOHAMED MUSARAF M	PRICOL
50	18106131	SNEKA S	PRICOL
51	18106140	SURYA PRASATH S	PRICOL
52	18106150	VISHNU PRABHAKAR	PRICOL

INFOSYS

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
53	1810609 6	NITISH KUMAR	INFOSYS
54	18106057	KEERTH ANA K	INFOSYS

VERTICURL

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
55	1810604 9	KARAN S H	Verticurl
56	1810609 5	NITHES H M	Verticurl

PLACEMENTS

Department of Electronics and Communication

AMAZON

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
57	18106058	KISHORE S	AMAZON

KONE ELEVATOR

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
58	18106109	PRIYADHAR SHAN R	KONE Elevator

PLACEMENTS

Department of Electronics and Communication

ROBOSOFT TECHNOLOGIES

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
59	18106099	M PAVITHR A	ROBOSOFT Technologies

NEST DIGITAL

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
60	1810609 4	NITHEE SH M	NEST DIGITAL

PLACEMENTS

Department of Electronics and Communication

KANINI

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
61	18106050	KARAN V	Kanini

MAHENDRA

CIE

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
62	18106806	SURESH. K	Mahendra CIE

BOOST MYSHOP

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
63	18106136	SUMAN M	BOOST MYSHOP

DRONAHQ

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
64	1810600 5	AJAY S	DronaHQ

PLACEMENTS

Department of Electronics and Communication

HCL TECHNOLOGIES

S.No.	Register No	Name of student placed and contact details	Name of the employer with contact details
65	18106047	ISHWARY A S	HCL technologies

PLACEMENTS

Department of Electronics and Communication

Industrial Visit - Mysore



13.4.22



Leepra Technologies is a leading provider of complete manufacturing services ranging from Printed Circuit boards Assembly to Complete System Integration.



Industry provides an end-to-end manufacturing service that extends well beyond just PCB assembly. Leepra is fully capable of delivering fully packaged, integrated and tested products.

Observations

- ***System Level Assembly***
- ***Sub-Level Assembly***
- ***Product Configuration***
- ***Product Assembly***
- ***Testing (functional & environmental)***
- ***Packaging & Labeling***

Name of the Accompanying Faculty

Dr.A.SureshBabu,
Mr.T.AnandaSelvakarthik

venue

Leepra Technology - Mysuru.

INDUSTRIAL VISIT

Department of Electronics and Communication

Industrial Visit - Coimbatore



19.3.22



Vasantha Advanced Systems is a leading electronic manufacturing company with enterprising and innovative solutions, customized to fulfill the requirements of the multinational companies across the globe. We have a highly dedicated team of technocrats and trendsetters with strong commitment to impeccable professional ethics.

Observation:

- Designing and manufacturing of proto and bulk manufacturing
- Products for Indian Railway
- Automation Technology
- Movement sensors
- Overview of manufacturing process

Name of the Accompanying Faculty

Dr.P.K.Poonguzhali
Mr.T.Boobalan.

venue

Vasantha Advanced systems - Coimbatore.

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Department of Electronics and Communication

Industrial Visit - Coimbatore



6.8.22



Salzer Electronics was initiated in 1985 as a small enterprise is a dynamic chain of 5 factories today. **Salzer Electronics Limited** made its debut in the Electrical Industry with an aim to design, develop, manufacture and supply CAM operated Rotary Switches, selector switches, Wiring Ducts, Voltmeter Switches and allied products. We are headquartered in Coimbatore, Tamil Nadu. In an age where high precision is invaluable, Salzer stands out both in supply and service. Our company has been acclaimed as the provider of total solutions in Electrical Installations.

Observation:

- Designing and manufacturing high quality Electrical Relays, Energy Saving Device, Basic Cable Channels.
- Design and operation of Street light controller
- Functionality of Remote switches
- Movement sensors
- Overview of manufacturing process

Name of the Accompanying Faculty

Dr.B.Sabitha
Mr.T.Boobalan.

venue

Salzer Electronics, Samichettipalayam
Coimbatore

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Department of Electronics and Communication

JOURNAL PUBLICATIONS

S.No.	Name Of The Faculty (With Designation)	Name Of The Journal	Title Of The Paper	Volume/Issue/Page/Year
1	Dr.Jaya J	Current Applied Science And Technology	Thermal Management For Green Vechile Batteries Under Natural And Forced Convection Modes	22/4/1-6/2022
2	Dr.Jaya J	Wireless Communications And Mobile Computing Hindawi	Algorithm For Energy Resource Allocation And Sensor-Based Clustering In M2m Communication System	Volume 2022, Article ID 7815916
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2.	Dr Poonguzhali P K	Book -A Practical Approach of Computer Networking- Problems and Solutions	-	2022	978-93-5625-069-7	Yes	Scientific International Publishing House
3.	Dr.T.Manjula	Book-Digital Signal processing	-	2022	978-93-55-15-464-4	Yes	Book Rivers
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5.	Dr Poonguzhali P K, Nivethitha T	Book- Engineering Pedagogy Towards Outcome-Based Education	Chapter 7 Significance of Advanced Pedagogies, Approaches, and Frameworks in Outcome-Based Education	2022	978-0-367-53743-2	Yes	CRC Press Taylor and Francis Group
6.	Dr Poonguzhali P K, Nivethitha T	Book-Industrial Automation and Robotics Techniques and Applications	Chapter9 Robotics Applications and Its Impact in the Global AgriculturalSectors for AdvancingAutoma tion	2022	978-0-367-48797-3	Yes	CRC Press Taylor and Francis Group
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10.	Dr..R.Sabitha	Book-Resource Management Framework Using Deep Neural Networks in Multi-Cloud Environment	Chapter 5 Operationalizing Multi Cloud Environments Technologies Tools and Use cases	2022	978-3-030-74402-1	Yes	EAI/Springer Innovations in Communication and Computing
11.	Dr.D.Baskar	Book- Computational Intelligence and its applications in Health care	Chapter 11 Alzheimer's disease Classification using deep learning	2021	978-0-12-820604	Yes	Elsevier-Academic press
12.	Dr.S.Annadurai Dr.P.Rajeswari P.Geetha Ms.T.Nivethitha	Book : Electronic Devices and Electrical Circuits	-	2020	978-93-539-4052-2	Yes	Pearson India Publication
13.	Dr.R.Sabitha	Enges and Impacts of COVID 19	Covid - 19 Impacts, Responses, and Lessons for Building Resilience in	2020	978-93-89105-54-4	Yes	Coimbatore Institute of Information Technology

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