



COIMBATORE INSTITUTE OF TECHNOLOGY

(Government Aided Autonomous Institution)

(Affiliated to Anna University, Chennai & Approved by AICTE, New Delhi) Established
in 1956, A Unit of V.Rangasamy Naidu Educational Trust

CIVIL AERODROME POST, COIMBATORE-641 014, TAMILNADU, INDIA

Criteria V Student Support and Progression

Key Indicator: 5.1 Student Support

5.1.3 Following capacity development and skills enhancement activities are organised for improving students' capability.

1. *Soft skills*
2. *Language and communication skills*
3. *Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)*
4. *Awareness of trends in technology*

Contents

- Report with photographs on programmes conducted for awareness of trends in technology.

About Zee Institute Of Creative Art (ZICA)

Zee Institute Of Creative Art (ZICA) Is India's First Full-Fledged Classical And Digital Animation Training Academy Established In 1995, That Trains Youth In 2D Animation, 3D Animation, Visual Effects (VFX), Gaming, Graphic Design, Web Design, Digital Marketing And Digital Photography. The Institute Has Adopted A Novel Training Style And Is Focused Entirely On Creating A Stimulating Environment For Its Students.

Website:<https://www.zica.org/>









CHIEF PATRON



Thiru. S. Rajiv Rangasami
Correspondent
CIT Institutions



Ms. K. DivyamohanaRajiv
Coordinator
CIT Institutions

PATRON



Dr. R. Prabhakaran
Secretary
CIT Institutions

CO-PATRON



Dr.V. Selladurai
Advisor
CIT Institutions

PRESIDENT



Dr. A. Rajeswari
Principal,
Coimbatore Institute of Technology

CONVENER



Dr.A.Kunthavai
Professor,Head- Department of CSE
Coimbatore Institute of Technology

FACULTY COORDINATORS



Dr. S P Abirami
Assistant Professor
Department of CSE , CIT



Ms.K. Priyadarsini M.E.,
Assistant Professor
Department of CSE , CIT

ABOUT SPEAKER



Mr. V. K. Harish
Manager,
Cyber Security & Privacy,
PWC Llp,
Toronto, ON,
Canada



**COIMBATORE INSTITUTE OF
TECHNOLOGY**

**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

ORGANIZES

CYBER SECURITY

**INCIDENT RESPONSE AND
THREAT HUNTING**

DATE

11.03.2024

VENUE

IT BLOCK 213

AGENDA

Overview of Cybersecurity

(Various Fields, Threats and Defenses)

Computer Forensics

(3A's of Cyber Forensics, Crime Scene, Network Forensics)

Incident Response

(Life Cycle, ATT&CK Framework, Threat Detection, Source of Evidence)

Red team and "hacking" - Basics

(Cyberwarfare, Linux, Networking, types of open testing, Metasploit)

INCIDENT RESPONSE

Incident response is the organized approach to handling and recovering from security breaches or cyber attacks, involving detection, analysis, containment, eradication, and recovery phases.

RED TEAM

In cybersecurity, a red team is a group that simulates cyber attacks to test and improve an organization's defenses.







REPORT OF TECHNICAL TALK ON AGILE CONSTRUCTION MANAGEMENT

DATE : 27.12.2023

VENUE : M 234

CHIEF GUEST : Mr. V. Sathiyaraj,
Managing Director,
Sathya Constructions, Coimbatore.

He gives Explanation of how Agile, originally developed for software development, can be adapted and applied to construction projects & Overview of the Agile Manifesto and its core values and principles. He shared his own experience in this field and also provide some benefits & tips like, Enhanced project flexibility and adaptability to changing requirements and conditions.

- Improved collaboration and communication among project stakeholders, including clients, designers, contractors, and subcontractors.
- Increased project transparency and visibility through iterative planning and progress tracking.
- Faster decision-making and problem-solving through empowered project teams.

He facilitated interactive debates among students to discuss the challenges encountered in Agile construction, demonstrating how it operates in real-world scenarios. Additionally, he structured question and answer sessions to enhance comprehension and engagement among participants.



REPORT OF SUSTAINABLE SOLUTIONS OF PAINTS



DATE : 12.01.2024
VENUE : Computer Application Laboratory
CHIEF GUEST : Mr. K. Sivakumar,
Managing Director,
Berger Paints, Coimbatore.

He shared valuable insights into Sustainable use of paints involves considering their characteristics and environmental impact throughout their lifecycle. He gives explanation about how to use paints according to their need and characteristics for example Low Volatile Organic Compounds (VOCs). He suggests special types of paints according to the element behaviour & its characteristics. He also explained his brand Berger Paints significance;

Berger Paints has a strong global presence, with operations spanning multiple countries and regions worldwide. Its international footprint allows the company to serve diverse markets and leverage global expertise, innovation, and best practices. It prioritizes customer satisfaction and strives to deliver value-added products and services that meet the specific requirements of customers. It offers personalized solutions, expert advice, and technical support to help customers make informed decisions and achieve desired results. Berger Paints is known for its innovative paint formulations and solutions that meet the evolving needs of customers and the industry. Berger Paints prioritizes customer satisfaction and strives to deliver value-added products and services that meet the specific requirements of customers.



LEAN CONSTRUCTION TECHNIQUES AND LEAN WASTE CONCEPT IN CIVIL ENGINEERING



DATE : 08.05.2024
VENUE : IT211 Conference Hall
CHIEF GUEST : E.r.A.Sakthi Balan
Savills Property Services(India)
Private Limited

He gave an introduction about waste reduction which was the fundamental principle of lean thinking. In construction, waste refers to anything that doesn't directly create value. While physical construction waste is commonly recognized, there are other non-value-adding activities that contribute to waste.

Lean construction theory identifies these non-value-adding activities and aims to minimize them throughout the project lifecycle.

He also gave a brief introduction about the types of Waste in Construction which are caused due to overproduction, delays due to inefficient processes or lack of coordination, unnecessary movement of materials or equipment, overprocessing, excess stock of materials or unfinished work, unproductive movement of workers or equipment, underutilization of skills and expertise of workers.

Some of the Key Lean Concepts addressed by the speaker are Value, Value Stream, Flow, Pull, Perfection, Continuous Improvement, Collaborative Working, Production System, Lean Culture

The speaker concluded by saying Remember, lean construction emphasizes collaboration, continuous improvement, and waste reduction to create more efficient and effective construction processes.





Coimbatore Institute of Technology
CGC – CLAP
CGC-CLAP REPORT



The following events and short courses are organized by CLAP division of CGC for the academic year: 2024

Events

S.No	Name of the Event	Date
1	Seminar - AI for Everyone	04.01.2024
2	FDP- AI Assisted Scientific Writing and Publishing	22.01.2024
3	Hackathon -Brain storming Session	02.02.2024



Coimbatore Institute of Technology
CGC – CLAP
CGC-CLAP REPORT



The following events and short courses are organized by CLAP division of CGC for the academic year 2023

Events

S.No	Name of the Event	Date
1	IP AWARENESS PROGRAM	03.05.2023-04.05.2023
2	INDUSTRY ACADEMIA CONCLAVE 1.0 : RISE 2023	27.04.2023
3	WORKSHOP ON CURRICULUM FRAMEWORK FOR EMPLOYABILITY	14.07.2023
4	TECH TALK – AI in Healthcare	04.08.2023
5	THREE DAY FACULTY DEVELOPMENT PROGRAM ON COMPETENCY FOCUSED OUTCOME BASED CURRICULUM	23.08.2023-25.08.2023
6	INICIO 1.0: HR CONCLAVE 2023	04.11.2023

Short Courses

S.No	Title of the Short Course	Date
1	AI for Assistive Technology	13.08.2022 to 24.09.2022
2	DESIGN OF LIQUID PROPELLANT ROCKET ENGINES (FUNDAMENTALS & CALCULATIONS)	24/02.2023- 25/02/2023
3	1 Day Students Workshop on MATLAB PROGRAMMING AND HARDWARE INTERFACING	21.07.2023
4	INTEL -WORKSHOP ON MACHINE LEARNING WITH One API	14.09.2023
5	Development and Characterization of Polymer Composites	15.09.2023
6	CYBERSECURITY TOOLS	23.09.2023
7	LEARNING R PROGRAMMING FOR DATA SCIENCE ENTHUSIASTS	06.10.2023
8	Hands on Session – PCB Design and Fabrication	26.10.2023



COIMBATORE INSTITUTE OF TECHNOLOGY

COIMBATORE - 641014



Prof. JOSHUA EARNEST
FORMER DEAN - PLANNING &
MONITORING, NITTTR

CLAP DIVISION OF CAREER GUIDANCE CELL

ORGANIZES A WORKSHOP
ON



Dr. PRASHANT R. NAIR
VICE - CHAIRMAN, IGAC, AMRITA
VISHWA VIDYAPEETHAM

CURRICULUM FRAMEWORK FOR EMPLOYABILITY



jointly with

Institute for Academic Excellence (IAE)

DATE : 14TH JULY 2023 | VENUE : LIB CONFERENCE HALL

CLAP Division of Career Guidance Cell Cordially
Invites
You for the Inaugural Function of a Workshop on
Curriculum Framework for Employability

AGENDA

PRAYER SONG

LIGHTING OF KUTHUVILAKKU

WELCOME ADDRESS

Dr.A.Rajeswari
Principal, CIT

**OVERVIEW OF THE
WORKSHOP**

Dr.M.Poongothai
Professor,Dept of ECE, CIT

SPECIAL ADDRESS

Dr.Valliappan Raman
CGC-CLAP
Professor &Head
Dept of AI &DS,CIT

Dr. V. Selladurai
Advisor
CIT Institutions

Dr. R. Prabhakar
Secretary
CIT Institutions

Mrs. Divya Mohana Rajiv
Co-Ordinator
CIT Institutions

**PRESIDENTIAL
ADDRESS**

Shri.S.Rajiv Rangasami
Correspondent
CIT Institutions

VOTE OF THANKS

Dr.M.Karthiga
Assistant Professor
Dept of AI &DS,CIT

**REPORT OF ONE DAY WORKSHOP ON CURRICULUM FRAMEWORK FOR EMPLOYABILITY
ORGANISED BY CLAP DIVISION OF CAREER GUIDANCE CELL**

Title of Activity:		Workshop on Curriculum Framework for Employability organized by CLAP division of Career Guidance Cell jointly with Institute for Academic Excellence (IAE)	
Date:	14/07/2023	Venue:	CIT, Coimbatore



Photo of Inaugural Session



Photo of Inaugural Session



Photo of Session - 1



Photo of Session - 1



Photo of Session - 2



Photo of Session - 3

Report of One Day Seminar

CLAP division of Career Guidance cell Coimbatore Institute of Technology, Coimbatore in association with Institute for Academic Excellence (IAE) organizes a One Day Workshop on “**Curriculum Framework for Employability**” on 14.07.2023 (Friday) at 9.30 AM at LBCH (Library Block Conference Hall), Coimbatore Institute of Technology, Coimbatore.

In the inauguration of the one day workshop, welcome address was given by Dr. A.Rajeswari, Principal, CIT. The details about the workshop were presented by Dr M.Poongothai, Professor, CGC member, Dept of ECE, Coimbatore Institute of Technology. The special address was given by Dr.Valliappan Raman, CGC-CLAP, Professor & Head, Dept of AI&DS, CIT and Dr.V.Selladurai, Advisor, CIT institutions. The presidential address was given by Shri. S.Rajiv Rangasami, Correspondent, CIT institutions.

The speaker of the function, Dr. Joshua Earnest, Former Dean - Planning & Monitoring, NITTTR, Hyderabad gave an insight into Curriculum framework on employability. The vote of thanks was given by Dr M.Karthiga, Assistant Professor, Dept of AI&DS, CIT

A total of 26 participants attended the workshop.

The one day workshop was headed by three sessions as follows:

- The Session I was delivered by Dr. Joshua Earnest, Former Dean - Planning & Monitoring, NITTTR, Hyderabad in the title “Curriculum Framework for Employability”. The speaker gave us the insights of the curricula design and delivery Mechanism and offer the suggestions to enhance the existing practices and knowledge regarding the curriculum framework.
- The Session II was presented Dr. Prashanth R. Nair on “Skill development courses for employability in Online”. In this session, a detailed lecture on overview of skill development courses and credit distribution for employability enhancement courses were discussed.
- In Session III, Dr. Joshua Earnest K, presented “Design of a competency –focused Outcome based Curriculum”. The lecture discussed the opportunities and challenges of competency outcome based curriculum.

Details of the Sessions:

Day-1 (Forenoon) Workshop Inauguration, Session 1	Inaugural Session 1. Lecture by: Dr. Joshua Earnest, Former Dean - Planning & Monitoring, NITTTR, Hyderabad Topic: “Curriculum Framework for Employability”
Day-1 (Afternoon) Session 2 & 3	2. Lecture by: Dr. Prashanth R. Nair VICE-CHAIRMAN, IQAC AMRITA VISHWA VIDYAPEETHAM Topic: “Skill development courses for employability ” 3. Lecture by: Dr. Joshua Earnest, Topic: “Design of a competency –focused Outcome based Curriculum”

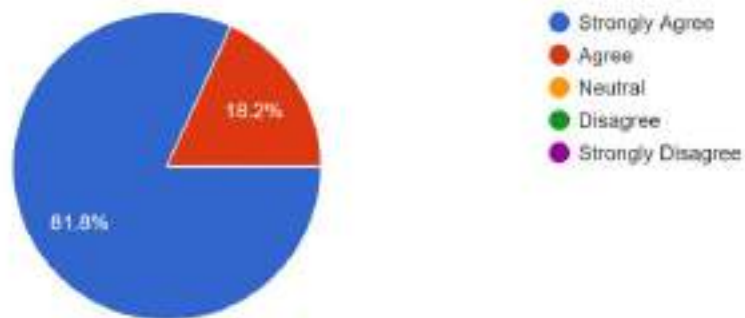
Photographs of the Event



FEEDBACK

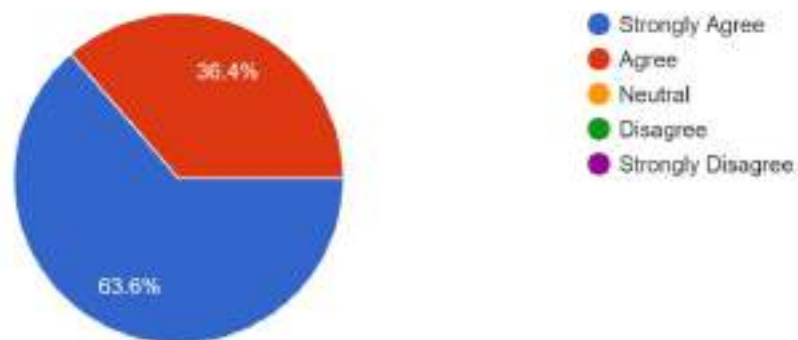
The content of the event accurately reflected the title of the event.

11 responses



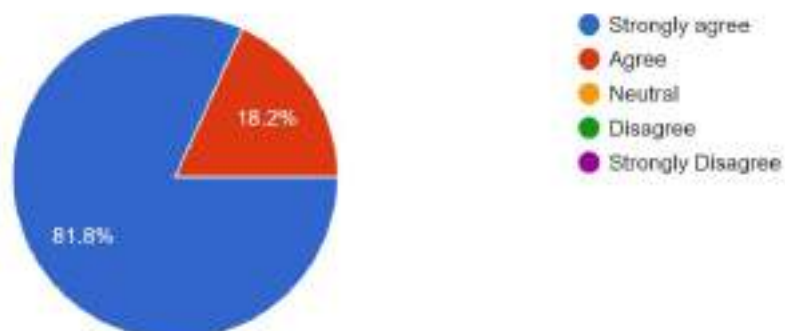
I clearly understood the subject matter

11 responses



I feel such type of events are to be conducted in future also

11 responses





COIMBATORE INSTITUTE OF TECHNOLOGY

CLAP Division of Career Guidance Cell

Organized

A Workshop on

CURRICULUM FRAMEWORK FOR EMPLOYABILITY

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

Prof./Dr./Mr./Ms. MUTHUKUMARASAMY . N

from Coimbatore Institute of Technology has participated in a one day workshop on "CURRICULUM FRAMEWORK FOR EMPLOYABILITY" held on 14th JULY,2023 organized by CLAP division of Career Guidance Cell, Coimbatore Institute of Technology, Coimbatore jointly with Institute for Academic Excellence (IAE), Hyderabad.

Director
Institute for Academic
Excellence

Dr. Vallappan Raman
CGC-CLAP
Professor & Head
Dept of AI&DS

Dr. A. Rajeswari
Principal, CIT

Mrs. Divya Mohana Rajiv
Co-ordinator,
CIT Institutions

**REPORT OF THREE DAY FACULTY DEVELOPMENT WORKSHOP ON CURRICULUM
FRAMEWORK FOR EMPLOYABILITY ORGANISED BY CLAP DIVISION OF CAREER GUIDANCE
CELL AND INTERNAL QUALITY ASSURANCE CELL**

Title of Activity:		Three Day Faculty Development Workshop on Competency Focused Outcome Based Curriculum organized by CLAP division of Career Guidance Cell jointly with Internal Quality Assurance Cell (IQAC)	
Date:	23.08.2023- 25.08.2023 9am-4.55pm	Venue:	MBA Computer Lab, GF, TLC Building, CIT, Coimbatore



Welcome Session



Day 1



Day 2



Day 3



Photo of Sessions



Photo of Sessions

Report of THREE DAY Faculty Development Workshop

CLAP division of Career Guidance cell Coimbatore Institute of Technology, Coimbatore in association with Internal Quality Assurance Cell (IQAC) organizes a THREE Day Workshop on "Competency Focused Outcome Based Curriculum " from 23.08.2023 (Wednesday) to 25.08.2023 (Friday), 9am- 4.45pm at MBA Computer Lab, TLC Building - *Coimbatore Institute of Technology, Coimbatore*.

For this workshop, welcome address was given by Dr.Valliappan Raman, CGC-CLAP, Professor & Head, Dept of AI&DS, CIT.

The key resource person for this work is , Dr. Joshua Earnest, Former Dean - Planning & Monitoring, NITTTR, Bhopal gave an insight into Curriculum framework on employability.

The aim of the workshop is to train our faculty to develop a Competency-focused Outcome-based Curriculum for enhanced employability and to align with the national level promulgations.

Objectives:

1. To develop a outcome-based program structure for each program to fulfil the national level promulgation
2. To develop a course structure based on industry expectations
3. To develop a competency focused questionnaire

A total of 40 participants attended the three day workshop from all UG and PG programs.

Appendix

Detailed workshop schedule

Registration

Attendance Sheet

Workshop Schedule

NOTE

- As it supposed to be a training-cum-development workshop with respect to each UG programme, all faculty member of the respective UG programmes can sit together as department group clusters.
- Every faculty member to have notepad and laptops with the soft copy of their current syllabus/curriculum of their respective courses being engaged by them.
- The faculty members from humanities department can evenly distribute themselves to join with any of the UG programme clusters.

Day 1: 23.08.2023 [Wednesday]

Time	Session Details
8:45am	Registration
9:00am	Welcome and Overview of workshop
9:15am-10:45am	Curriculum Framework for Employability to fulfil NEP 2020
10:45am-11:00am	Break
11:00am-12:30pm	Competency Focused OBC Framework
12:30pm-1:30pm	Lunch
1:30pm-3:00pm	Industry Needs Identification of every UG programme
3:00pm-3:15pm	Break
3:15pm-4:45pm	Session 4 Q & A

Day 2: 24.08.2023 [Thursday]

Time	Session Details
9:15am-10:45am	Salient features of the Programme Structure of Competency-focused Outcome-based Curriculum
10:45am-11:00am	Break
11:00am-12:30pm	Re-design of current Programme Structures for employability of each UG Programme
12:30pm-1:30pm	Lunch
1:30pm-3:00pm	Presentation of Programme Structures for Feedback and Improvement
3:00pm-3:15pm	Break
3:15pm-4:45pm	Re-visiting Bloom's, Dave's and Krathwohl's taxonomies of learning

Day 3: 25.08.2023[Friday]

Time	Session Details
9:15am-10:45am	Salient features of Competency-focused OBC 'Course Structure'
10:45am-11:00am	Break
11:00am-12:30pm	Design of Competency-focused OBC 'Course Structure' Components
12:30pm-1:30pm	Lunch
1:30pm-3:00pm	Presentation of Course Structure Components
3:00pm-3:15pm	Break
3:15pm-4:45pm	Session 4 & Q n A

**REPORT OF HR CONCLAVE 2023 ORGANISED BY CLAP DIVISION OF CAREER GUIDANCE
CELL AND INTERNAL QUALITY ASSURANCE CELL**

Title of Activity:		INCIO 1.0 : HR CONCLAVE 2023	
Date:	04.11.2023 9am-4:00pm	Venue:	Lib Block, Conference Hall



Speaker



Speaker



Speaker



Speaker



Photo of Sessions



Report of HR CONCLAVE 2023

CLAP-A Division of CGC in collaboration with the Department of IT, AI & DS and MBA of Coimbatore Institute of Technology jointly organises INICIO 1.0 – HR Conclave 2K23 on 04.11.2023 from 9.00 am to 4.00 pm in the Library Block A/C Conference Hall

For this conclave, welcome address was given by Dr.Valliappan Raman, CGC-CLAP, Professor & Head, Dept of AI&DS, CIT. After welcoming the dignitaries , felicitation address was given Prof. A.Rajeswari, Principal, CIT, followed by Mrs. DivyaMohana Rajiiv, Coordinator, CIT Institutions and Dr.V. Selladurai , Adviser, CIT institutions.

The key resource person for this conclave are Dr Seenivasan Subramanian Marketing Head, Colors tamil, Charles Godwin, HR leader, Zoho, Mr Asik, Vice President, MUFG Bank, Ms.Radhika Ravi, India Head Campus Hiring, WIPRO, Ms.Tharani Kumar, Project Manager, TCS and Mr.Collin Bruno, Assistant Manager HR - Talent Acquisition, Trinity Lifesciences.

The aim of the conclave is to bring together the leading minds in HR to share their insights and perspectives on how to build a more resilient and sustainable workforce. The discussion was on latest trends and developments in HR, and how they use to create more engaging and productive workplaces.

A total of 324 participants attended the event from all UG and PG programs.

Appendix

Detailed workshop schedule



Coimbatore Institute of Technology

(Government Aided Autonomous Institution)

Coimbatore - 641 014



CLAP DIVISION OF Career Guidance Cell



Cordially invites you for

INICIO 1.0

HR CONCLAVE 2K23



04.11.2023



9:00AM - 4.00PM



LIBRARY CONFERENCE HALL

Great vision without great people is irrelevant

-Jim Collins



AGENDA

9:30 a.m - 9:45 a.m	Prayer and Lighting of Lamp
9:45 a.m - 10:00 a.m	Welcome Address by Dr.Valliappan Raman HOD,AI&DS
10:00 a.m - 10:05 a.m	Felicitation by Dr.A.Rajeswari, Principal, CIT
10:05 a.m - 10:10 a.m	Felicitation by Dr.V.Selladurai, Adviser, CIT Institutions
10:10 a.m - 10:15 a.m	Felicitation by Mrs. DivyaMohana Rajiv, Coordinator, CIT Institutions
10:15 a.m - 10:30 a.m	Presidential Address by Mr.S.Rajiv Rangasami, Correspondent, CIT Institutions
10:30 a.m - 11:00 a.m	Address by Dr.Seenivasan Subramanian, Marketing Head, Colors Tamil
11:00 a.m - 11:30 a.m	Break
11:30 a.m - 12:00 p.m	Address by Mr.Charles Godwin P, HR Leader, Zoho
12:00 p.m - 12:30 p.m	Address by Mr.Asik, Vice President, MUFG Bank
12:30 p.m - 1:00 p.m	Forum Discussion
1:00 p.m - 2:00 p.m	Break
2:00 p.m - 2:30 p.m	Address by Ms.Radhika Ravi, India Head Campus Hiring, WIPRO
2:30 p.m - 3:00 p.m	Address by Ms.Tharani Kumar, Project Manager, TCS
3:00 p.m - 3:15 p.m	Break
3:15 p.m - 3:45 p.m	Address by Mr.Collin Bruno, Assistant Manager HR - Talent Acquisition, Trinity Lifesciences
3:45 p.m - 4:00 p.m	Valedictory Functions

REPORT OF IP AWARENESS WORKSHOP BY CLAP DIVISION OF CAREER GUIDANCE CELL

Title of Activity:		Workshop on Curriculum Framework for Employability organized by CLAP division of Career Guidance Cell jointly with Institute for Academic Excellence (IAE)	
Date:	3/05/2023 & 4/05/2023	Venue:	CIT, Coimbatore



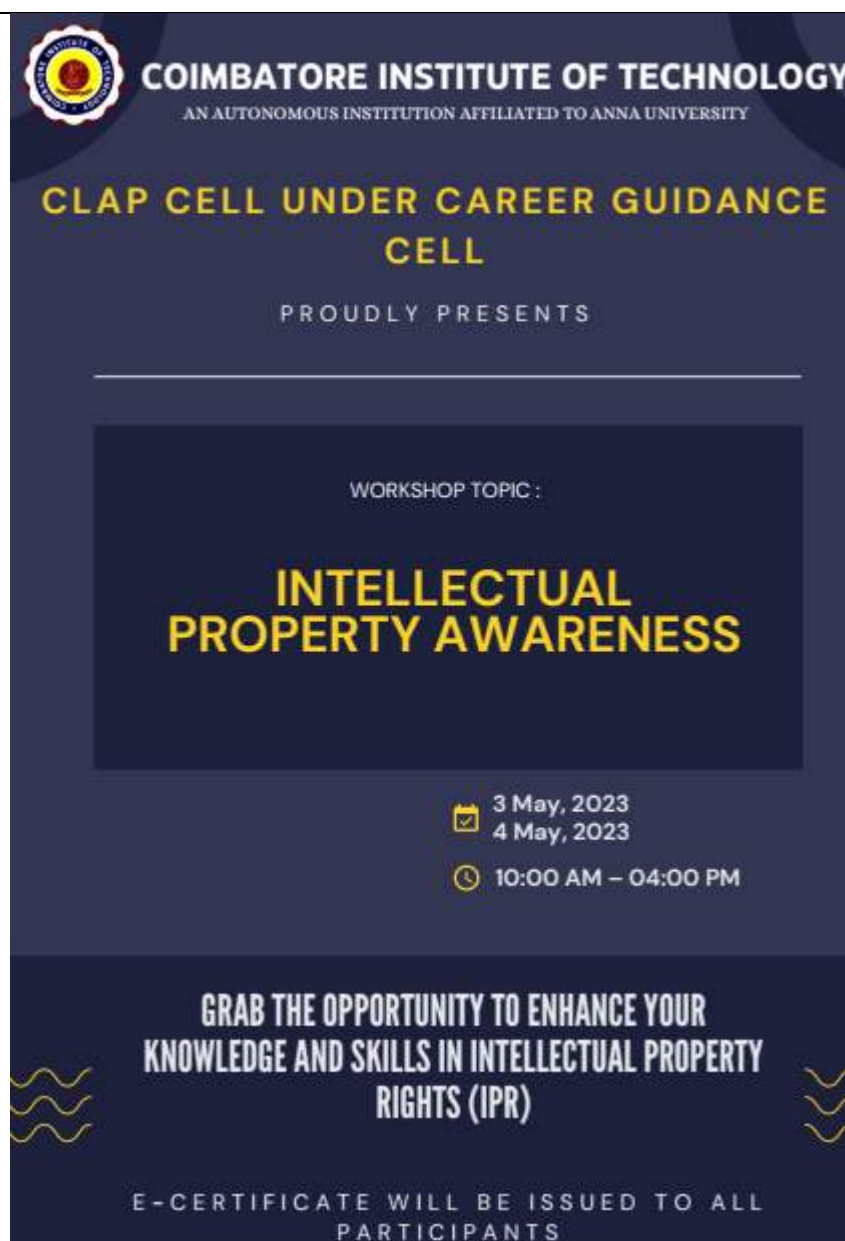
Report

CLAP division of Career Guidance cell Coimbatore Institute of Technology, Coimbatore organizes a IP AWARENESS WORKSHOP for UG BE/BTECH Students on 03.05.2023 & 04.05.2023 at LBCH (Library Block Conference Hall), Coimbatore Institute of Technology, Coimbatore.

In the inauguration of the one day workshop, welcome address was given by Dr.Valliappan Raman, CGC-CLAP, Professor & Head, Dept of AI&DS, CIT.

The key resource person of the function, Meena Balakrishnan ,IPR attorney and Government of India registered Patent agent (IN/PA-3502) from Coimbatore gave awareness on IP rights.

A total of 600+ participants from ALL BE/BTECH program – Year II attended the event.



The poster is for an Intellectual Property Awareness Workshop organized by the CLAP Cell under the Career Guidance Cell at Coimbatore Institute of Technology. It features the institute's logo and name at the top, followed by the event title and dates. The workshop topic is prominently displayed in a central box. Below this, the dates and time are listed with corresponding icons. The bottom section encourages participation and mentions that an e-certificate will be issued to all participants.

COIMBATORE INSTITUTE OF TECHNOLOGY
AN AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY

CLAP CELL UNDER CAREER GUIDANCE CELL

PROUDLY PRESENTS

WORKSHOP TOPIC :

INTELLECTUAL PROPERTY AWARENESS

3 May, 2023
4 May, 2023

10:00 AM – 04:00 PM

GRAB THE OPPORTUNITY TO ENHANCE YOUR KNOWLEDGE AND SKILLS IN INTELLECTUAL PROPERTY RIGHTS (IPR)

E-CERTIFICATE WILL BE ISSUED TO ALL PARTICIPANTS



Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks

CERTIFICATE OF APPRECIATION

Presented to

COIMBATORE INSTITUTE OF TECHNOLOGY

*In recognition of active participation in the **National Intellectual Property Awareness Mission (NIPAM)** launched by the Government of India on the occasion of the 75th anniversary of independence under the banner "Azadi Ka Amrit Mahotsav" to create widespread awareness on Intellectual Property Rights (IPR). The exceptional contribution in successfully organizing the awareness programme on **May 03, 2023** in association with **Intellectual Property Office, Mumbai** by providing your valuable time and support is highly appreciated.*

Solicit your continued support for outreach of IPR far and wide.




(Prof. (Dr) Unnat P. Pandit)
CONTROLLER GENERAL OF
PATENTS, DESIGNS & TRADE MARKS



Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks

CERTIFICATE OF APPRECIATION

Presented to

COIMBATORE INSTITUTE OF TECHNOLOGY

In recognition of active participation in the **National Intellectual Property Awareness Mission (NIPAM)** launched by the Government of India on the occasion of the 75th anniversary of independence under the banner "Azadi Ka Amrit Mahotsav" to create widespread awareness on Intellectual Property Rights (IPR). The exceptional contribution in successfully organizing the awareness programme on **May 04, 2023** in association with **Intellectual Property Office, Mumbai** by providing your valuable time and support is highly appreciated.

Solicit your continued support for outreach of IPR far and wide.



INTELLECTUAL
PROPERTY INDIA
REVISED ORGANIZATION NAME
GEOGRAPHICAL INDICATIONS
Date: May 18, 2023



(Prof. (Dr) Unnat P. Pandit)
CONTROLLER GENERAL OF
PATENTS, DESIGNS & TRADE MARKS

RISE 2023: Industry Academia Conclave 1.0 Report

CLAP (Continuous Learning and Assessment Progression) division of Career Guidance has organized RISE 2023: Industry Academia Conclave 1.0 for the Faculty Members. The event was headed by Mr. S.Rajiv Rangasami, Correspondent - CIT Institutions and Ms.K.Divya Mohana Rajiv, Coordinator - CIT institutions at the Library Block Conference Hall on 26th & 27th April 2023. Total number of faculty attended were nearly 50.

Day 1: The Day 1 included two sessions which aims to share the latest technology trends to faculty and students. The session was conducted by Mr. Vinayak Marathe, Indian Business Head of PHILIPS TOWNSEND ASSOCIATES INC., and Mr. M. Suresh, Business Development of L&T's. Mr.Vinayak had an interactive session with faculty members and Mr. Suresh had an interactive sessions with Year 1 civil and chemical engineering students.

Day 2: The Day 2 conclave included five sessions that aimed to provide insightful knowledge and expertise to young professionals. The first session was conducted by Mr. Vinayak Marathe, Indian Business Head of PHILIPS TOWNSEND ASSOCIATES INC., on effectively managing a career. The second session was conducted by Mr. M. Suresh, Business Development of L&T's, on accelerated learning for young professionals. The third session was conducted by Mr. Prashanth Ganesh, Co-founder &COO, Preskale Inc. who spoke about how to build an entrepreneur. The fourth session was conducted by Mrs. Sudha Ganesh, CTRO, Kanini Software Solutions, who spoke about enabling next-gen industry readiness. Lastly, Dr. Shriram, Certified Instructor, OneAPI, Intel conducted the fifth session on One API and SYCL.





Photographs of Industry Academia Conclave 1.0 at CIT, Coimbatore

The Industry Academia Conclave 1.0 was a great success and provided an opportunity for the Faculty Members to learn from industry experts. The event was well-organized and provided insightful knowledge to the attendees. Overall, the conclave aimed to bridge the gap between academia and industry by bringing together professionals from both fields. The event was a step towards creating a conducive environment for young professionals to learn and grow.

Certificates: Certificates were issued to all participants.

Poster:



COIMBATORE INSTITUTE OF TECHNOLOGY
(GOVERNMENT AIDED AUTONOMOUS INSTITUTION)
COIMBATORE - 641014

CLAP division of
CAREER GUIDANCE CELL

Proudly presents

RISE 2023

INDUSTRY ACADEMIA CONCLAVE 1.0



April 27, 2023



Library Block
Conference Hall



**MR. VINAYAK
MARATHE**



MR. M SURESH



**MS. SOGRA
GANESH**



DR. SHRIRAM



**MR. PRASHANTH
GANESH**

Feedbacks

IT A.I.S.S.E.S.S.O.D DR. SHRIRAM									
In Name of the S.D.O. Faculty	Designated work	The method (if) be used accurately influence the life of the student		I clearly understand the subject matter		The Resource person addressed content of the lecture clearly		I feel an inclination to applying the topic which I covered in this session (practise work)	
		Yes	No	Yes	No	Yes	No	Yes	No
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REPORT OF TECH TALK – AI in Healthcare ORGANISED BY CLAP DIVISION OF CAREER GUIDANCE CELL

Title of Activity:		Workshop on Curriculum Framework for Employability organized by CLAP division of Career Guidance Cell jointly with Institute for Academic Excellence (IAE)	
Date:	04.08.2023	Venue:	CIT, Coimbatore



Report of Tech Talk

CLAP division of Career Guidance cell Coimbatore Institute of Technology, Coimbatore organizes a Tech talk – AI in Healthcare on 04.08.2023 (Friday) at 9.30 AM at *LBCH (Library Block Conference Hall), Coimbatore Institute of Technology, Coimbatore*.

In the inauguration of the one day workshop, welcome address was given by Dr.Valliappan Raman, CGC-CLAP, Professor & Head, Dept of AI&DS, CIT. The special address was given by Dr. A.Rajeswari, Principal, CIT.

The speaker of the function, Mr.Kirthiraj, CTO, 5C Network gave an insight into how AI impacts the healthcare industry. The vote of thanks was given by Dr M.Karthiga, Assistant Professor, Dept of AI&DS, CIT

A total of 26 participants attended the tech-talk

Coimbatore Institute of Technology, COIMBATORE-14

CGC-CLAP CELL OF CIT

Course on AI for Assistive Technology

Duration : 5 Saturdays from 13.08.2022

Report

PRE-REQUISITE WEBINAR- DEEP LEARNING COURSE

A webinar on “**Deep Learning**” was held on 13.08.2022 between 11.30 AM to 02.00 PM through the Google Meet Platform. To deliver the valuable content on Deep Learning, we had **Mr. Vishnu Karthiklu, ML Lead, QPiCloud, Bangalore as Resource Person**. The speaker started the session by providing insight on the basics of Machine Learning and its types like Regression, Classification etc. He also explained how the Residual Gradient Descent optimization algorithm is used to train machine learning models. The key topics discussed by him were Deep Learning, Convolutional Neural Networks and its layers. Furthermore, the students learned about various architectures of CNN like AlexNet, GoogleNet, VGGNet etc. The webinar had 57 registrations and 45 participants from various departments of the college.

Google Meet Link: <https://meet.google.com/bxd-xekk-hsz?pli=1>

Feedback Form Link:

<https://docs.google.com/forms/d/1sUTdivAcATFCCSAU4n2Np0xweUXudUYu1h7nfcBTq48/edit?ts=630308e2>

Screenshots of the Session:

The screenshot displays a presentation slide titled "Image classification" with the following content:

- Image classification refers to a process in computer vision that can classify an image according to its visual content.
- Image classification also categorizes detected objects into predefined classes by using a suitable classification technique that compares the image patterns with the target patterns.

Below the slide, the Zoom interface shows the presenter "Vishnu is presenting" and a grid of participants:

Participant	Initials	Avatar Color	Audio Status
20MSC26	K	Purple	Muted
20MSC40	R	Purple	Muted
20MSC47	S	Green	Muted
You	M	Black	Muted
Vishnu	V	Pink	Unmuted
2039 others	S	Orange	Muted

ResNet

- Residual Network (ResNet) is a Convolutional Neural Network (CNN) architecture which was designed to enable hundreds of convolutional layers.
- While previous CNN architectures had a drop off in the effectiveness of additional layers, ResNet can add a large number of layers with strong performance.



36

Vishnu is presenting



AlexNet Architecture



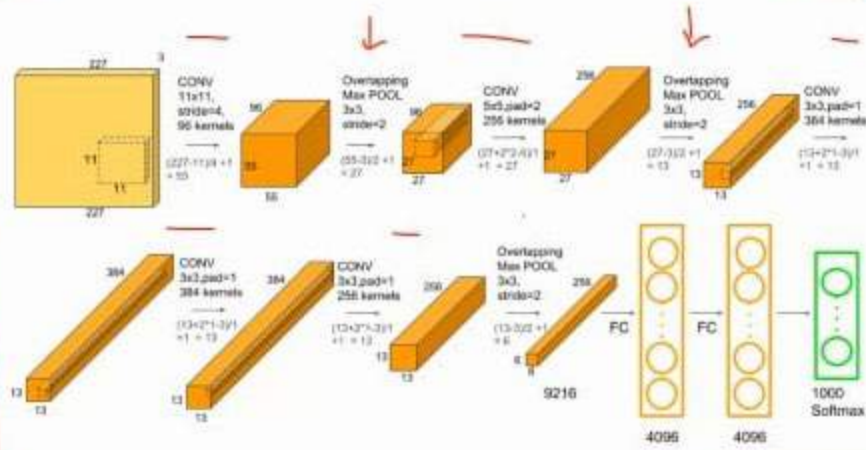
Qπ.

43

Vishnu is presenting



AlexNet Architecture



Qπ.

44

Vishnu is presenting



GoogLeNet Architecture



Q π .

48

Vishnu is presenting



Comparison between models

- In every VGG architecture, all filters are of size 3×3 which is fixed.
- The idea here is that, two 3×3 filters almost cover the area of what a 5×5 filter would cover and also two 3×3 filters are cheaper than one 5×5 .
- Since there is very less number of calculations, VGGnet Outperforms other Complex CNN architecture computationally.

Qπ.

53

20MSC21 HAVISHYANAND T left

AI for Assistive Technology

The course on “**AI for Assistive Technology**” was designed by DeepVisionTech.AI Pvt Ltd. Bangalore and handled by the founder Mr. Jayasudan M and co-founder Mr. Arul Praveen. The course was held for five Saturdays on 20.08.2022, 27/8/2022, 3/9/2022, 10/9/2022 and 24/9/2022 in Room No. 103, Computing block at CIT campus. The detailed day wise report is as follows.

DAY 1: 20/8/2022

The course was inaugurated in the presence of Mr. Jayasudan M, Mr. Arul Praveen and Dr.Valliappan Raman, H.o.D, B.Tech. AI & DS. Introduction about AI and the need for AI in assistive technology was given by Mr.Jayasudan M. He gave a brief explanation on the project “Model to identify whether a person is signing or not”, dataset creation and pre-processing. It was followed by Mr. Arul Praveen’s session on dataset creation, augmentation and pre-processing using OpenCV.



DAY 2: 27/8/2022

In this session, Mr. Arul Praveen explained about Deep Learning model training with hyper parameter tuning, performance metrics (accuracy, precision), evaluation (overfitting, underfitting) and validation (tensor board tool for validation), transfer learning with pretrained models and acknowledged with various resources for widening our knowledge in this domain. In the afternoon session, students worked on a model with benchmark datasets provided by the trainer.

DAY 3: 3/9/2022

During this session, students did their model training and evaluation separately and recorded its accuracy and improvised it. An introduction on streamlit was also given. Students were assigned tasks based on detection using absdiff images (no DL model involved) and detection using MediaPipe Pose model in OpenCV.

DAY 4: 10/9/2022

In this session, the trainer gave an introduction to Heroku, and students started the deployment with Streamlit. At the end of this session students created a webpage to detect whether a person is login or sign out from a live stream and its deployment on Heroku.

DAY 5: 24/9/2022

During this session, some of the students took seminars about their model's architecture, then followed by the explanation about Containerization (docker) and its deployment on Cloud.

To conclude, the training was really educational and beneficial to the students community. They had a lot of hands-on practice sessions, which really helped them to grasp the concepts easily.

Valedictory Function

The course concluded with the certificate awarding ceremony on 10.10.2022 at 3 pm in the Seminar hall, IT block. 32 students who registered and attended the classes were given the

certificates in the valedictory function. Dr. Valliappan Raman preceded the ceremony by giving the welcome speech. It was followed by special address by Mr. Arul Praveen who enlightened the students with motivational information. He announced three intern awardees who were selected from the group of participants.





**REPORT OF ONE DAY WORKSHOP ON MACHINE LEARNING WITH ONE API-THROUGH THE
INTEL DEVELOPER CLOUD
_ORGANISED BY
CLAP DIVISION OF CAREER GUIDANCE CELL**

Date:	14/09/2023	Venue:	CIT, Coimbatore

The CLAP division of Career Guidance cell of Coimbatore Institute of Technology in association with Intel, India Pvt Ltd. organized a One Day Workshop on “MACHINE LEARNING WITH ONE API-THROUGH THE INTEL DEVELOPER CLOUD” on 14.09.2023 in Coimbatore Institute of Technology.

In the inauguration of the workshop, Dr.Valliappan Raman, CGC-CLAP, Professor & Head, Dept of AI&DS, CIT , welcomed the chief guest, Dr. Shriram Kris Vasudevan, Lead-Technical, Software and Advanced Technology Group, Intel India . The details of the workshop is presented by Dr M.Poongothai, Professor, CGC member, Dept of ECE, Coimbatore Institute of Technology.

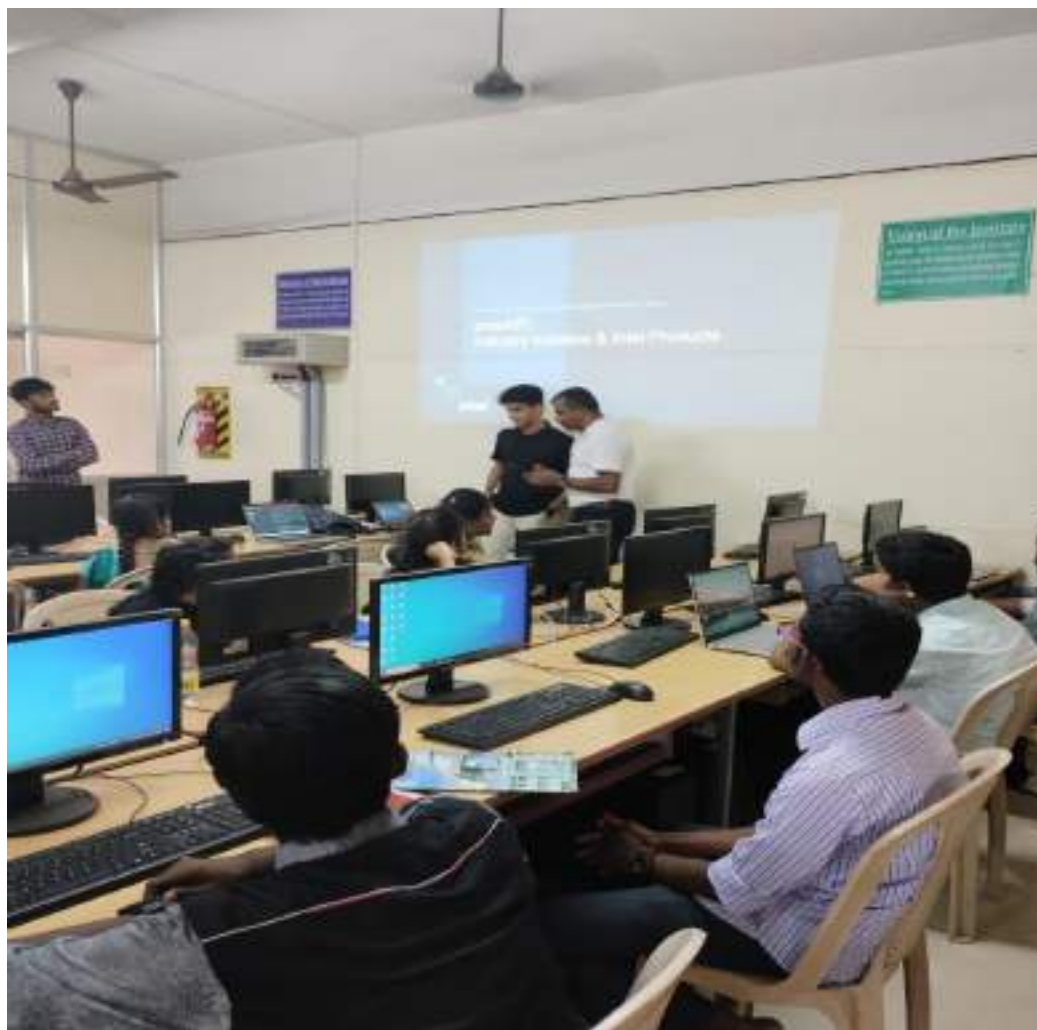
The speaker of the workshop, Dr. Shriram Kris Vasudevan, introduced the Intel one API cloud platform and how to accelerate machine learning workloads with packages like scikit-learn, XGBoost, NumPy, SciPy, and pandas—all powered by one API. He also explained how to get performance gains by accelerating on the latest Intel hardware, including CPUs and GPUs, which is part of the Intel AI Analytics Toolkit.

A total of 94 participants from the departments of CSE, IT, ECE,EEE ,AI & DS, and MCA attended the workshop. As it is a hands-on workshop, the programme is conducted in 2 sessions for the betterment of participants. In the morning session 47 students from the departments of CSE, AI&DS, IT attended. In the afternoon session, 47 students from the department of ECE, EEE and MCA attended the programme.

Students were given hands-on training for creating a GIT clone for accessing Intel one Cloud through SSH commands and then learned to access the AI libraries and packages for machine learning applications. The feedback from the participants about the programme is good. Once the sessions are concluded, The vote of thanks was given by Dr M.Mohanapriya, Associate Professor, Dept of CSE,CIT

Photographs of the Event







COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE – 641 014

(Government Aided Autonomous Institution Affiliated to Anna University)

CGC – CONTINUOUS LEARNING AND ASSESSMENT PROGRESSION

(CLAP) CELL



**Sponsored One Day Workshop titled
PCB DESIGN AND FABRICATION**

On 26 October, 2023

Introduction:

The one-day Workshop “PCB Design and Fabrication” was held on 26/10/2023 at L413 of Coimbatore Institute of Technology. The event aimed to provide an insightful and practical understanding of PCB Design and Fabrication to the participants. The workshop was Sponsored by CGC-CONTINUOUS LEARNING AND ASSESSMENT PROGRESSION (CLAP) CELL of CIT jointly with Department of Electrical and Electronics Engineering, CIT, Cbe.

Registration & Inauguration:

The Workshop registration started at 9 am and the workshop commenced at 9.15 am with a warm welcome address by Ms. A.Priyadharshini, Assistant Professor, Dept.of EEE, CIT. On behalf of the EEE Department, Dr.V.Manikandan, Professor, Dept.of EEE extended wishes to all the participants for attending the workshop and emphasized the importance of PCB in various industries and everyday life. His encouraging words set the tone for an engaging and informative day ahead. Professor Dr.Valliappan Raman, HoD, AI & DS briefed about the activities conducted by CLAP division of CGC Cell and encouraged the students to participate in more such activities for enhancing their skills.



Sessions: The day was divided into two informative sessions, each conducted by Dr.S.NANDAKUMAR, AP(Sr.Gr)/EEE/CIT and Dr.M.L.MERLIN SAJINI, AP/EEE/CIT.

Session 1: PCB Designing on software:

Venue: L413, CIT

The first session was started with an introduction to importance of Printed Circuit Board (PCB) and then started to learn about how to design a PCB board in Eagle CAD software. The participants learned to how to use a Eagle CAD software and designed 5V voltage regulator. This session was handled by Dr.M.L.MERLIN SAJINI, AP/EEE/CIT.

**Session 2: Fabrication of PCB**

Venue: Electrical Machines Lab

The second session focused on Practical fabrication of PCB through step by step process. The participants learned to fabricate a single layer PCB and designed a Full wave rectifier circuit in PCB board. Additionally the participants also learned to use various tools like Soldering, Drilling and etc. This session was handled by Dr.S.NANDAKUMAR, AP(Sr.Gr)/EEE/CIT.





Interactive Sessions and Practical Demonstrations: Throughout the day, the participants actively engaged in interactive discussions and practical demonstrations. The workshop included several hands-on activities and software exercises to deepen the participants' understanding of the concepts taught in each session.



Vote of Thanks: The workshop concluded with a heartfelt vote of thanks by Ms. A Priyadharshini and the entire organizing team for their efforts in making the event successful. Special appreciation was extended to Dr. M. L. MERLIN SAJINI, AP/EEE/CIT and Dr. S. NANDAKUMAR, AP(Sr.Gr)/EEE/CIT for sharing their valuable knowledge and experiences. Ms. A Priyadharshini also thanked all the participants for their enthusiastic participation and hoped that they would apply their newfound knowledge in their future endeavours.

Conclusion: The one-day PCB Design and Fabrication workshop proved to be an enriching experience for all the participants. It provided them with a comprehensive understanding of PCB board and its various aspects. The practical approach, interactive sessions, and insightful demonstrations made the workshop engaging and memorable. The event successfully achieved its goal of promoting interest and learning in the field of Designing and Fabricating a PCB.



Few Glimpses of the Sessions:





COIMBATORE INSTITUTE OF TECHNOLOGY
**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND
DATA SCIENCE**



will be organizing a one day workshop on
**“Learning R Programming for Data
Science Enthusiasts”.**

Students who are interested kindly register in the
below link on or before 4-Oct - 2023

[CLICK HERE FOR REGISTRATION](#)

Certificates will be issued for all Participants.
Limited to first 50 registrations. **Fee :Rs.150**

DATE: 6 OCT 2023
Timings : 9:30 AM - 4:30 PM

REPORT OF ONE DAY WORKSHOP ON “LEARNING R PROGRAMMING FOR DATA SCIENCE ENTHUSIASTS”

Title of Activity	Learning R Programming for Data Science Enthusiasts		
Date:	06/10/2023	Venue:	CIT, Coimbatore



Photo of Inaugural Session



Photo of Inaugural Session



Photo of Inaugural Session



Photo of Session - 1



Photo of Session - 2



Photo of Session - 3

Report of One Day Workshop

CLAP division of Career Guidance cell - Coimbatore Institute of Technology, Coimbatore in association with Department of Artificial Intelligence and Data Science organized a One Day Workshop on “Learning R Programming for Data Science Enthusiasts” on 06.10.2023 (Friday) from 9.30 AM to 4:30 PM at TLC Computer Lab, *Coimbatore Institute of Technology, Coimbatore*.

The Head of the Department welcomed the students for the One Day Workshop and spoke about the importance of Data Science in today’s world and the role of R Programming. Ms. Janani, Assistant Professor, Dept. of Artificial Intelligence and Data Science, introduced to the students about the basics of Data Science, the steps involved in Data Analytics and Types of Data. Dr. M. Karthiga gave an insight into the real world applications of Data Science and the perspective from a Business Analyst and the hands-on session began. The following was the flow of the workshop.

Learning R Programming for Data Science Enthusiasts Schedule

9:00 am - 9:30 am Ms. N. Janani and Dr. M. Karthiga

Introduction to R and Data Science

- Overview of the workshop and objectives.
- Brief introduction to R and RStudio.
- Importance of R in data science and machine learning.

9:30 am - 10:15 am

Foundations of R Ms. N. Janani

- Basic operations in R: arithmetic, variables, and data types.
- Hands-on exercises to practice basic R operations.

10:15 am - 10:30 am

Refreshment Break

10:30 am - 11:15 am

Data Import and Management Ms. N. Janani

- Importing data into R from various formats.
- Exploring data using functions like `head()`, `tail()`, `summary()`, and `str()`.
- Hands-on exercises for data import and exploration.

11:15 am - 12:15 pm

Data Manipulation with dplyr Dr. M. Karthiga

- Introduction to the dplyr package.
- Filtering, sorting, and selecting data.
- Grouping and aggregating data.
- Creating new variables.
- Hands-on exercises with dplyr.

12:15 pm - 1:15 pm

Data Visualization with ggplot2 Dr. M. Karthiga

- Introduction to the ggplot2 package.
- Creating scatter plots, bar charts, and histograms.
- Customizing plot aesthetics.
- Hands-on exercises for data visualization.

1:15 pm - 2:15 pm

Lunch Break

2:15 pm - 3:15 pm - Ms. N. Janani

Exploratory Data Analysis

- Summary statistics using summary and describe
- Data exploration techniques.
- Visualization for data exploration.
- Basic hypothesis testing (t-tests).
- Hands-on exercises for data exploration and analysis.

3:15 pm - 3:30 pm

Refreshment Break

3:30 pm - 4:30 pm - Dr. M. Prabhavathy

Machine Learning with R

- Introduction to machine learning.
- Preprocessing data for machine learning.
- Supervised learning: classification and regression.
- Model evaluation and selection.
- Hands-on machine learning exercises with R using caret or other relevant packages.

4:30 pm - 4:45 pm Ms. N . Janani and Dr. M. Karthiga

Conclusion and Next Steps

- Summarize key takeaways from the workshop.
- Suggest next steps for participants to continue their learning journey in R, data science, and machine learning.
- Provide additional resources and project ideas.

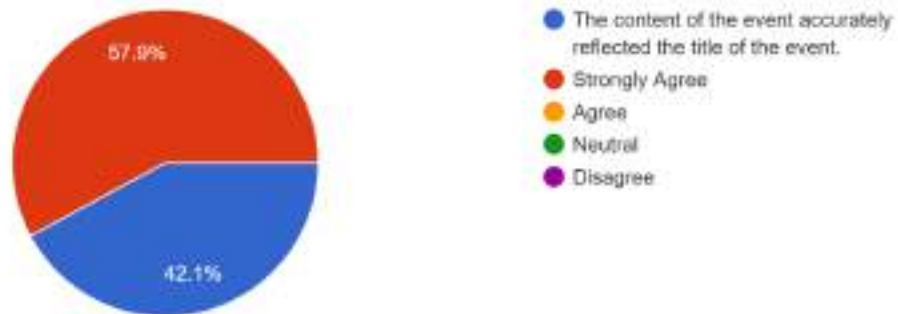
Photographs of The Event



FEEDBACK

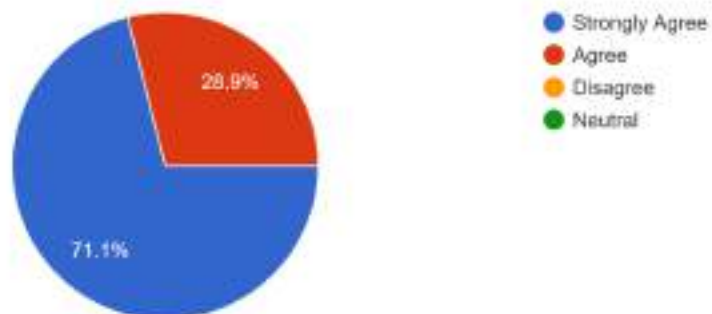
The content of the event accurately reflected the title of the event.

38 responses



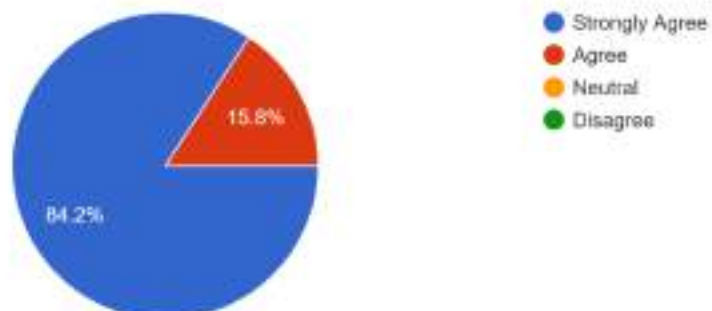
I clearly understood the subject matter

38 responses



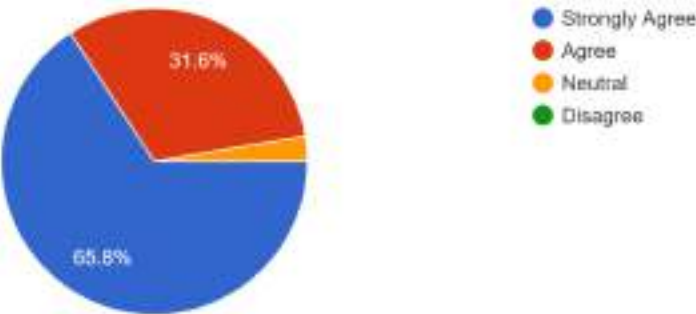
The Resource persons delivered content of the Sessions clearly.

38 responses



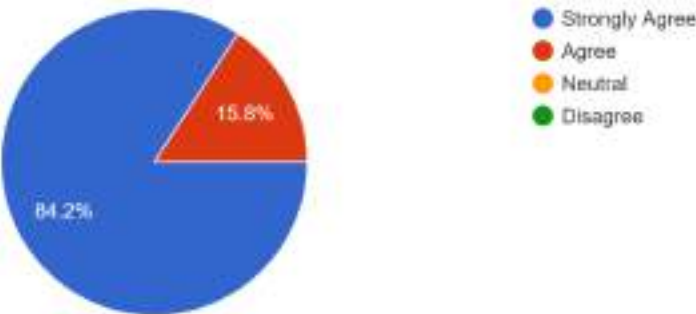
I feel I am confident in applying the inputs which I received in this event for future

38 responses



I feel such type of events are to be conducted in future also

38 responses





Coimbatore Institute of Technology

CLAP Division Of Career Guidance and
counselling cell

This Certificate is presented to

*For succesful completion of one day workshop
"Learning R programming for Data Science Enthusiasts"
conducted on 06.10.2023 at Coimbatore Institute of Technology*

DR. VALLIAPPAN RAMAN
CGC-CLAP

DR.A.RAJESWARI
PRINCIPAL,CIT

MRS. DIVYA MOHANA RAJIV
CO-ORDINATOR, CIT INSTITUTIONS

Coimbatore Institute of Technology, Coimbatore-14
One day workshop On Cyber Security Tools
23rd September 2023
Organized by
CGC - Continuous Learning and Career Assessment Progression (CLAP) Cell
Jointly with
Department of Information Technology

Dr. N. K. Karthikeyan, HoD, Department of Information Technology and Dr. Valliappan Raman , HOD , Department of Artificial Intelligence and Data Science, CGC Clap Coordinator welcomed the participants for the workshop with their felicitation address. They addressed the gathering on various opportunities in the area of cybersecurity.

Following topics were handled as part of the workshop:

- Introduction to Cybersecurity
- Hands on session for Password Cracking
- Hands on session for Network Traffic Analysis
- Hands on session for Penetration testing

Dr. M. Sangeetha, Associate Professor, Department of Information Technology, conducted an introduction session on cybersecurity. The session covered insights into cyber threats, vulnerabilities, and attacks, illustrated with real-world examples.

Dr. N. Geetha, Assistant Professor, Department of Information Technology, conducted a session on diverse techniques employed in Password Cracking. She led a hands-on demonstration on cracking passwords from their hashed values using the tool "John the Ripper". All attendees engaged in hands-on exercises with the "John the Ripper" tool.

Dr. S. Rajasree, Assistant Professor, Department of Information Technology conducted a session on "Web Application Penetration Testing" utilizing the Burpsuite tool. Practical sessions were conducted to execute SQL Injection attacks on websites, demonstrating how to utilize Burpsuite for penetration testing to assess vulnerabilities such as SQL Injection, Cross-Site Scripting, and more. Participants actively engaged in attempting SQL Injection attacks on a simulated website known as "DVWA".

Dr. M. Sangeetha conducted an additional session focusing on "Network Packet Analysis," demonstrating how to extract passwords from network packets using the Wireshark tool. Participants were acquainted with diverse forms of network analysis and guided in dissecting packets from different protocols. Through practical exercises, attendees analyzed passwords from network packets originating from both vulnerable and non-vulnerable websites.

The workshop wrapped up with a feedback session from the participants, who showed great enthusiasm for enriching their knowledge and actively participating in the hands-on sessions.

Session Photos







CGC – Continuous Learning Assessment and Progression (CLAP) Cell
Sponsored
1 Day Workshop on
DEVELOPMENT AND CHARACTERIZATION OF POLYMER COMPOSITES
15th September 2023
 Coimbatore Institute of Technology, Coimbatore – 641014, Tamil Nadu, India.



REPORT

Type of Event	:	Workshop
Title of the Event	:	1 Day Workshop on “DEVELOPMENT AND CHARACTERIZATION OF POLYMER COMPOSITES”
Date & Time	:	15.09.2023 (09.00 AM to 05.00 PM)
Face to Face / Online	:	Face to Face
Number of Participants	:	13
Number of CIT students	:	5 (Male – 4 & Female – 1)
Number of students from other colleges	:	2
Number of Research Scholars	:	6

Inaugural Function:

Venue: IT-211

Time: 09.00 – 09.30 AM

The workshop was inaugurated by Dr N Rajam Ramasamy (HoD – Mechanical Engg.) & Dr Valliappan Raman (HoD – AI&DS), Coimbatore Institute of Technology on 15.09.2023 by 09.00 AM.



Inaugural Function



Inaugural Function

Session 1: Composite Materials

Venue: IT 211



Session 1 – Composite Materials



Hands-on Training



Feedback Session & Certificate Distribution

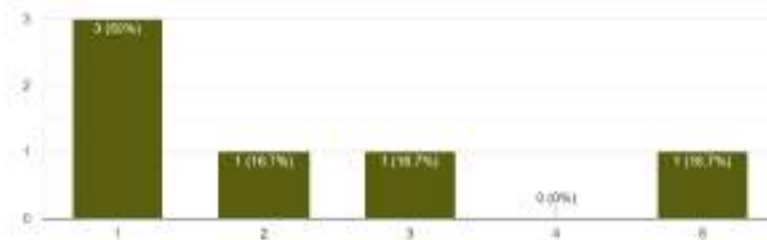


Group Photo

Feedback from participants

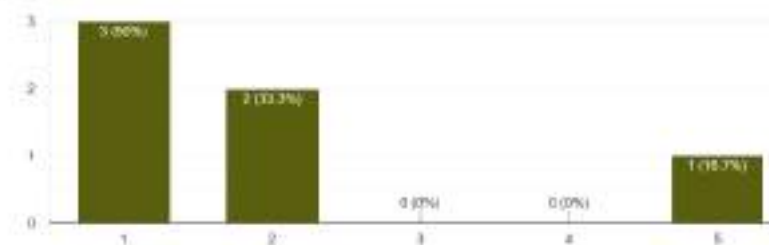
How well did the programme meet your expectations?

5 responses

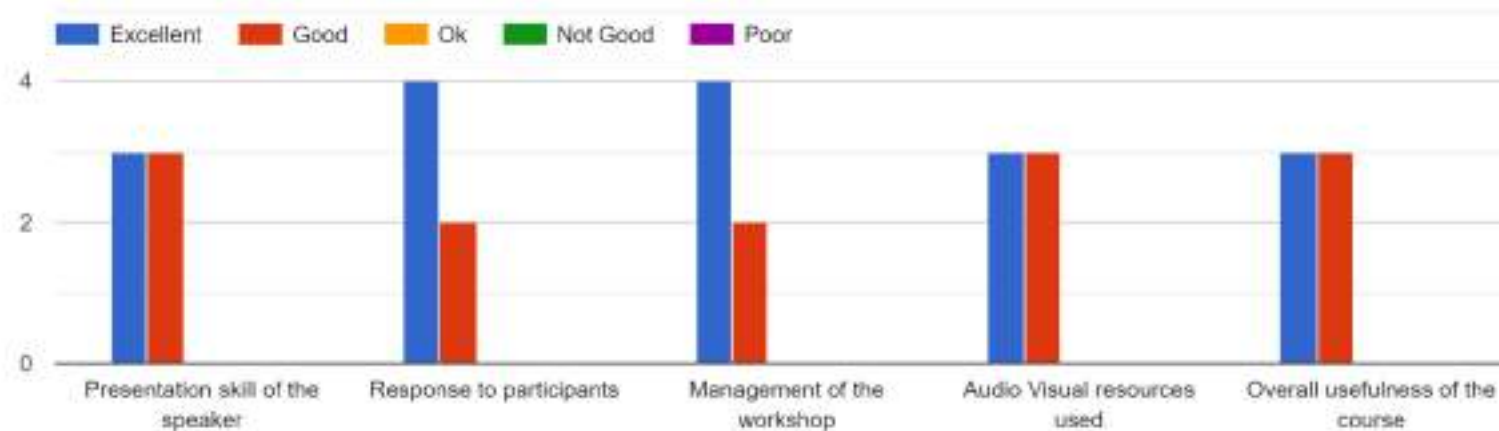


How well were the stated objectives of the course achieved?

5 responses



How satisfied were you with the following?



Suggestions for improving the Workshop.

1. Duration of the Workshop can be increased
2. Nothing
3. May be conducted little bit slow.
4. Nil
5. To improve with the hands on training Amenities in the lab
6. By mentioning eligibility and the application of workshop can be useful for participation

What other field/area would you like us to conduct workshop?

1. FEA(Finite Element Analysis),Related to Thermal Engineering,...
2. About Nanoparticles
3. On Functional characterization like SEM, DSC etc
4. Additive Manufacturing
5. On Design and Automotive field
6. As HOD said, please conduct a matlab workshop for a duration of more than a month

Additional Feedback

1. Waiting for More Events from Our Department
2. Happily completed one day workshop and benefited. Thanks for Dr. Balaji sir and Dr. Sam sir for organising this workshop and thankful for CIT college for giving this opportunity.
3. Thank you for organizing this workshop.. Learnt many things on writing part.
4. Nil
5. A very good workshop attended...
6. No



**CGC – Continuous Learning Assessment and Progression (CLAP) Cell
Sponsored**

2 Days Students Workshop on

DESIGN OF LIQUID PROPELLANT ROCKET ENGINES (FUNDAMENTALS & CALCULATIONS)

24th & 25th February 2023

Coimbatore Institute of Technology, Coimbatore – 641014, Tamil Nadu, India.



REPORT

Type of Event	:	Students Workshop
Title of the Event	:	2 Days Students Workshop on Design of Liquid Propellant Rocket Engines (Fundamentals and Calculations)
Date & Time	:	24.02.2023 & 25.02.2023 (9.00 AM to 5.00 PM)
Face to Face / Online	:	Face to Face
Number of students	:	55
Number of CIT students	:	39 (Male – 37 & Female – 2)
Number of students from other colleges	:	16 (Male – 12 & Female – 4)

Day 1:

Design of Liquid Propellant Rocket Engines from Fundamental Equations

Venue: Main Building Conference Hall (MBCH)

The session focused on deriving fundamental equations which are essential in designing a liquid propellant rocket engine. The fundamental concepts of Thermodynamics was applied in deriving these equations. The mode of delivery was Chalk and Talk along with power point presentation.



Day 1 - Introductory Session (Dr Valliappan Raman & Dr N Rajam Ramasamy)



Day 1 – Session at MBCH

Day 2:

Modelling of Liquid Propellant Rocket Engine using SolidWorks

Venue: CAD/CAM Laboratory

The sessions focused on modelling the liquid propellant rocket engine to suitable specifications as derived in the previous day. SolidWorks was used for solid modelling. Sketching tools were introduced to first year students and they were given hands on experience in sketching and modelling a liquid propellant rocket engine.



Day 2 – Session at CAD/CAM Laboratory



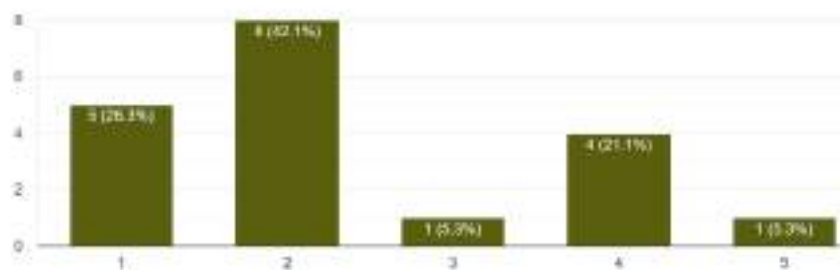
Distribution of Certificates by Dr Valliappan Raman & Dr N Rajam Ramasamy



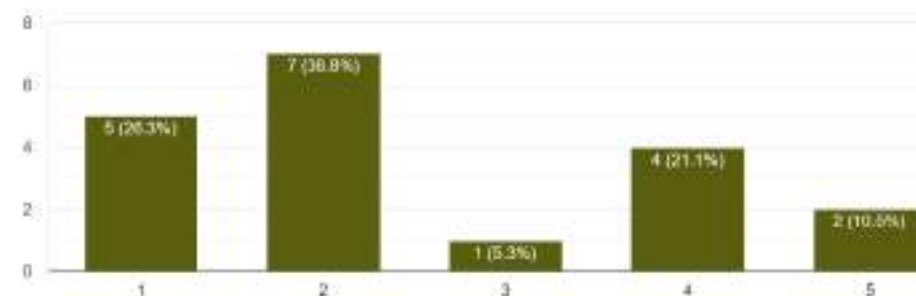
Group Photo of Students with Mr N Maha Vignesh (Resource Person)

Feedback from participants

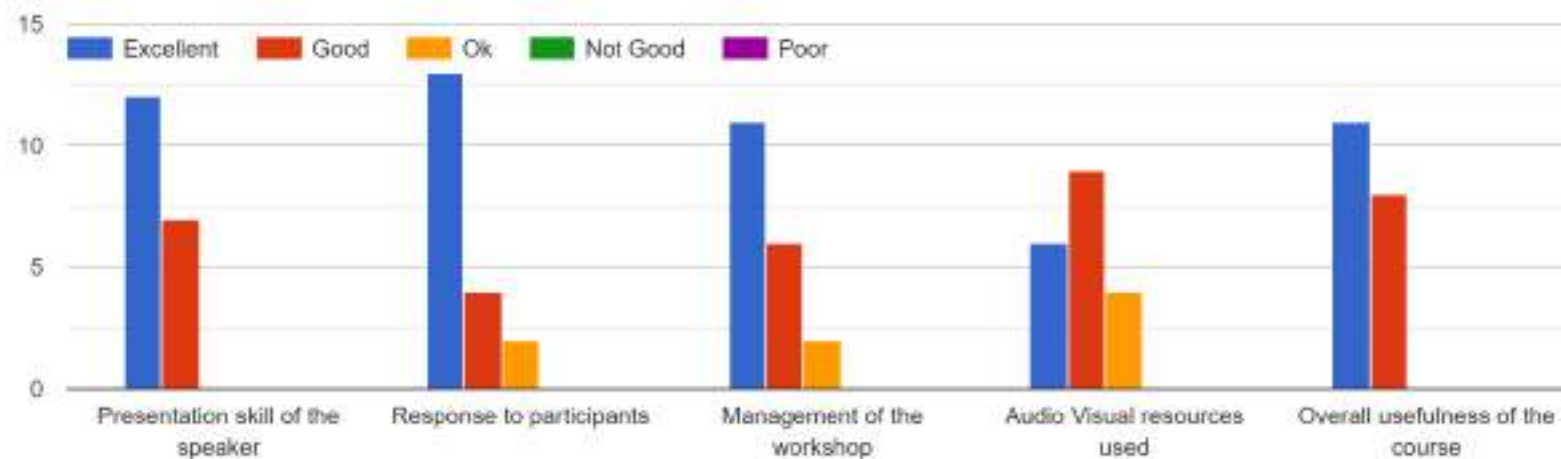
How well did the programme meet your expectations?
19 responses



How well were the stated objectives of the course achieved?
19 responses



How satisfied were you with the following?



Suggestions for improving the Workshop.

1. Organizing workshop for 5 days
2. It could have been even more interactive session
3. More interesting way to reach effectively
4. It is already better, but i feel if a little more importance is given in derivation part, it would make it more better .
5. More importance on derivation parts would have been better
6. Extend 1 day for Deep n complete explanation
7. It was overall useful
8. We thought we may be exposed to hands on experience
9. Sound effectiveness have to be improved
10. Management should provide mic
11. To have good sound system and new topics
12. Technical equipment is need for better understanding
13. Increase the duration of workshop
14. Making the students come on time. The Presenter had came earlier but not the students. Kindly Focus on Time Management.
15. Can extend the number of work day of workshop.
16. Can increase number of days
17. More and more workshops on different concepts
18. Use mic...

What other field/area would you like us to conduct workshop?

1. More about solid works
2. Manufacturing Sector
3. Rocket mechanics
4. Ansys fluent would be nice
5. Rocket propulsion
6. Aeroplane
7. Aerospace
8. Computational material science
9. Automobiles
10. Car,bike engine
11. Manufacturing
12. Automobile practical work shop
13. Automation solidworks software
14. Experimenting the Parameters which we use on Engineering (Pressure, Temperature, etc..) i.e. Workshops on Meteorology
15. Designing
16. Related to aerospace
17. Embedded Systems
18. Design in solidworks
19. Automotives

Additional Feedback

1. No
2. Nothing than the above mentioned
3. It was very nice to get a hands on experience in designing an rocket engine. The guidance of the speaker made it feel easier and interesting .
4. No
5. Keep it up
6. No
7. We need automobile related workshops
8. Thanks a lot for maha Vignesh
9. Introduce new topics
10. Overall it gave new experience and knowledge of rocket propeller
11. Nothing
12. Keep motivating and guide us to make a successful career. Expecting a lot from CGC especially Sam sir.
13. Useful
14. Thank you for gives such opportunity
15. Career Guidance is satisfying the student's needs
16. Keep it up naaa
17. No



CGC – Continuous Learning Assessment and Progression (CLAP) Cell
Sponsored
1 Days Students Workshop on
MATLAB PROGRAMMING AND HARDWARE INTERFACING
21st July 2023
Coimbatore Institute of Technology, Coimbatore – 641014, Tamil Nadu, India.



REPORT

Type of Event	:	Students Workshop
Title of the Event	:	1 Day Students Workshop on MATLAB PROGRAMMING AND HARDWARE INTERFACING
Date & Time	:	21.07.2023 (09.00 AM to 05.00 PM)
Face to Face / Online	:	Face to Face
Number of students	:	33
Number of CIT students	:	33 (Male – 32 & Female – 1)
Number of students from other colleges	:	NIL

Inaugural Function:

Venue: Main Building Conference Hall (MBCH)

Time: 09.00 – 09.30 AM

The workshop was inaugurated by Dr A Rajeswari, Principal, Coimbatore Institute of Technology on 21.07.2023 by 09.00 AM.



Inaugural Function



Inaugural Function

Session 1:

MATLAB Programming

Venue: Mechatronics Laboratory



Session 1 – MATLAB Programming



Session 2 – Hardware Interfacing

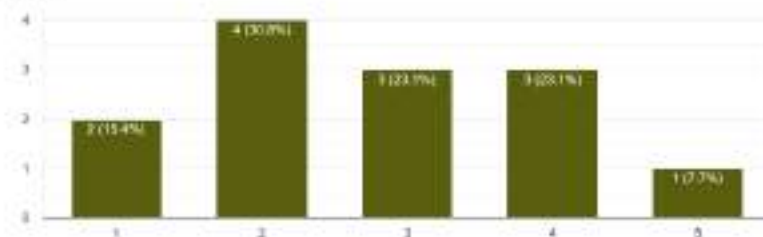


Feedback Session

Feedback from participants

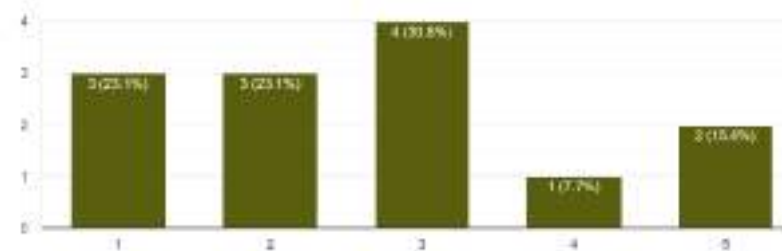
How well did the programme meet your expectations?

13 responses

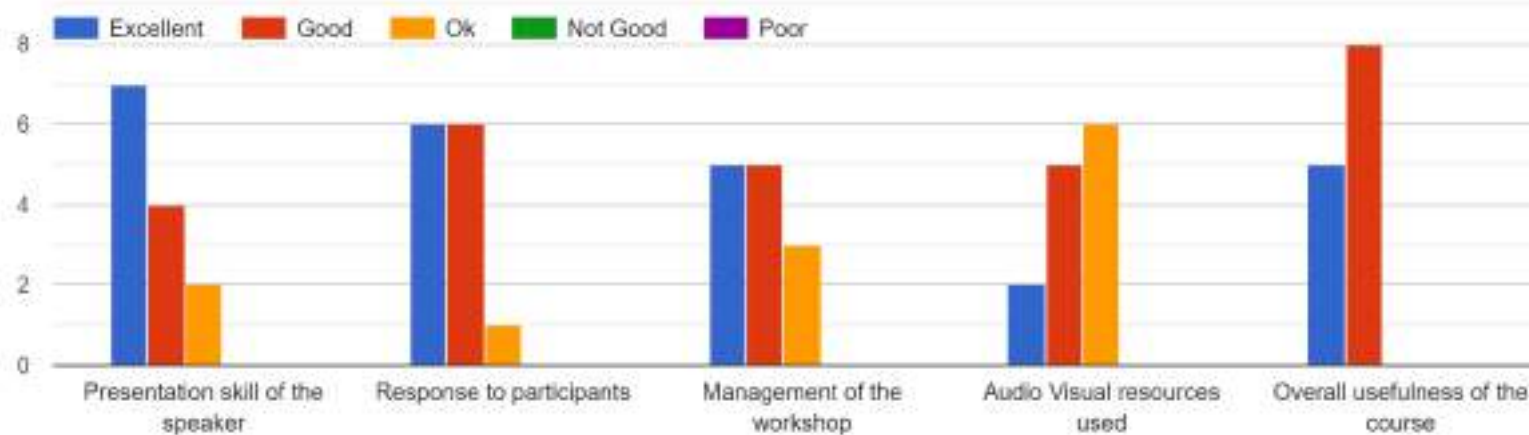


How well were the stated objectives of the course achieved?

13 responses



How satisfied were you with the following?



Suggestions for improving the Workshop.

1. Need to develop hardware, Arduino, etc
2. A bit more hardware can be provided
3. Getting hardware ready and also the projector
4. Could be better if we have this workshop successively and if we have updated version of MATLAB in every system then it will be useful because everyone can practice it individually
5. The workshop was good
6. Today's workshop was good and nothing more is required.
7. Before workshop collected functional object and technical object usage verification
8. Visual improvement should be made
9. If we give Agenda. it give the over view to the students appear
10. Need proper equipment's and duration

What other field/area would you like us to conduct workshop?

1. Designing and practical workshop in Engine and many other technology
2. Labview and Robotics
3. Hands on experience in 3D Modeling software
4. If this workshop on Matlab and hardware interfacing continues then it will be better
5. Designing software
6. Thermal science
7. IOT
8. I really like that
9. Integrated programs with Civil Engineering
10. Good choice of selecting Mechatronics lab
11. Programming language
12. Design as well as Analysis Softwares Related to Mechanical Engineering Domain
13. Thermal Sciences

Additional Feedback

1. All Good.
2. Good but can be improved
3. Thanks for the opportunity and a great work sir
4. Please remove the tea which was given in the break and can be replaced by any biscuits because the tea is not good
5. NIL
6. Thanks for conducting this kind of workshops for improving our knowledge.
7. Nope
8. Improvement is very quickly and technically
9. Nil
10. none
11. Thanks for conducting the workshop
12. -
13. Need Gate Coaching

COIMBATORE INSTITUTE OF TECHNOLOGY

COIMBATORE - 641 014.

(Government Aided Autonomous Institution)

DEPARTMENT OF COMPUTING (AI & ML)

Academic Year: 2023-2024.

2022 batch- V Semester

Date: 20/09/2023

Report on Technical Talk on Cloud Computing held on 20/09/2023

The Department of Computing organized a technical talk on the Topic “ **Cloud Computing**” on 20th September, 2023 from 3.00 pm to 4:40 pm. The technical talk was started with gratitude to the management and Principal. Dr.K.Sakthi Mala, Professor and Dean of Department of Computing, Dr.J.Shana, Associate Professor and Head, Department of Computing (AI & ML) and Dr.K.Swathine and Ms.K.Kalaivani, Assistant Professor, Department of Computing (AI & ML) introduced the resource person. Mr.Azhagiri Paneerselvam – Cloud Manage.

The speaker addressed the participants about Cloud Computing, including basics of Cloud Computing, timeline of Cloud development, Domains providing Cloud services, and the importance of Cloud Computing and advantages of using it. The primary points discussed included: The primitive discussion of ,“What is Cloud Computing and types of Cloud used”. Timeline of Cloud Development that includes the efforts of men and companies to develop Cloud Infrastructure. Domains like AWS, Google Cloud, Microsoft Azure and Oracle Cloud were discussed.

The technical talk provided a comprehensive view of the current state of Cloud Computing and their role in addressing Software, Platform and other services for users. Mr.Azhagiri Paneerselvam discussed the rapid advancements in cloud-based technologies and their potential to meet global demands. He pointed out that various cloud domains, in particular, have become increasingly competitive in terms of cost and service providence.

Around 60 students participated and got benefitted. The feedback was good, most of the topics were clear and useful, nice session, it was more productive. End of the session, there was a technical quiz to analyze the understability of the students' understanding.

Quiz link : <https://quiz.konfhub.com/q/cloud-computing-cit-1>



COIMBATORE INSTITUTE OF TECHNOLOGY

(A Government Aided Autonomous Institution Affiliated to Anna University & Accredited by NBA & NAAC)

Institutions Innovation Council

Department of Computing

MSc . Artificial Intelligence and Machine Learning

A Report of

Workshop on

“Power BI : From Beginner to Pro – A Deep Dive into Features and Functionality”

By

Aparna M,

Lead Trainer

SPROUT Knowledge Solution Pvt . Ltd

Total number of participants: 53

May 9th , 2024



The following topics were discussed :

- Introduction to Power BI
- Basics of Power BI
- Functionalities and Features of Power BI
- Internship Talk

Power BI :

Power BI is a Business Intelligence tool developed by Microsoft for Easier Data Visualization and creation of interactive dashboards and creative reports

Widely used in the fields that are very much related to wide range of datas such as sales and marketing to present the sales data in a presentable format , used Finance to present the budget , turnover , growth of funds , etc and also used in Health care to resent a report on patient's Health .

Basics of Power BI :

There are three variations of Power BI based on certain price ranges :

- Power BI desktop – Free issue
- Power BI Pro – Subscription issue
- Power BI Premium – Subscription issue

Functionalities and Features of Power BI :

Functionalities :

- Used to create Reports
- Used to create Dashboards

Features :

- Data can be imported from a Wide range of means such as excel , SQL
- Seamless Creation of Graphs and Charts just by selecting the Data columns and type of chart needed

Knowledge Obtained

In the sessions, we explored Power BI, a robust Business Intelligence (BI) tool developed by Microsoft, designed to simplify data visualization and the creation of interactive dashboards and reports. Power BI is widely used in fields such as sales, marketing, finance, and healthcare, where large volumes of data need to be transformed into understandable and actionable insights. We learned about the three variations of Power BI: Power BI Desktop, which is free and suitable for individual users and basic data analysis; Power BI Pro, a subscription-based service offering advanced features and enhanced collaboration capabilities; and Power BI Premium, a subscription tier aimed at large organizations requiring extensive data analysis and reporting functionalities. The training also covered key functionalities like creating reports and dashboards, and essential features such as importing

data from multiple sources like Excel and SQL databases, and effortlessly generating various types of graphs and charts by selecting data columns and chart types.

Benefits in Terms of Learning/Skill/Knowledge Obtained

The training on Power BI significantly enhanced our data visualization skills, enabling us to transform complex datasets into clear, comprehensible, and actionable insights. This skill is particularly valuable in any data-driven industry, as it improves the ability to communicate findings effectively to stakeholders. Moreover, it sharpened our analytical abilities by allowing us to manipulate data, identify trends, and make informed decisions based on data analysis, which is crucial for roles in finance, marketing, and operations. Mastering Power BI, one of the leading BI tools, has made us more attractive in the job market, as many organizations prioritize candidates who can leverage BI tools to drive business performance. Additionally, our ability to import and integrate data from various sources, such as Excel and SQL databases, has increased our versatility in handling diverse datasets and performing comprehensive data analysis. The practical experience gained in creating reports and dashboards will be directly applicable in professional settings, benefiting roles that require regular data presentation and reporting, such as business analysts and data scientists. Lastly, understanding how Power BI is utilized across different industries, such as healthcare, finance, and sales, has provided us with valuable insights into its practical applications, helping us recognize how BI tools can address specific industry challenges and enhance operational efficiency.







Coimbatore Institute of Technology, Coimbatore - 641014
Department of Computing - Decision and Computing Sciences

Technical Seminar
on
“National Security Paradigm - Cyber War Dimensions”

Speaker: Mr. Balaji Venkateswar
Chief Mentor, Cyber Defence, Cyber Vidhyapeeth Foundation

Date: 20/03/2024 11:00 AM to 12:00 PM

Venue: CM306

Poster



COIMBATORE INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTING
DECISION AND COMPUTING SCIENCES

NATIONAL SECURITY PARADIGM- CYBER WAR DIMENSIONS
TECHNICAL SEMINAR

SPEAKER
Mr. Balaji Venketeshwar
Chief Mentor- Cyber Defence
Cybervidyapeeth Foundation

 **DATE: 20/03/2024**

 **TIME: 11:00 AM- 12:00 PM**

 **VENUE: CM 306**



FOR QUERIES:
CONTACT: 9865229679
Dr. D. Manju

Coimbatore Institute of Technology, Coimbatore - 641014

Department of Computing - Decision and Computing Sciences

Technical Seminar on “National Security Paradigm - Cyber War Dimensions”

Speaker: Mr. Balaji Venkateswar
Chief Mentor, Cyber Defence, Cyber Vidhyapeeth Foundation

Date: 20/03/2024 11:00 AM to 12:00 PM

Venue: CM306

Report

On the 20th of March 2024, a seminar on "National Security Paradigm - Cyber War Dimensions" was held at CM306. The seminar featured Mr. Balaji Venkateswar, Chief Mentor of Cyber Defence at Cyber Vidhyapeeth Foundation, as the distinguished speaker. The event aimed to shed light on the intricate dimensions of cyber warfare and their implications for national security.

Keynote Address

Mr. Balaji Venkateswar commenced the seminar with an enlightening keynote address. Drawing upon his extensive experience in cybersecurity, he emphasized the evolving nature of cyber threats and the imperative for nations to adapt their security strategies accordingly. His address underscored the interconnectedness of cyberspace and its critical role in modern warfare and national defense.



Key Insights

During his presentation, Mr. Venkateswar elaborated on various dimensions of cyber warfare, offering key insights into:

Technical Dimension: He discussed the rapid advancements in cyber weapons and defense mechanisms, emphasizing the need for continuous innovation to stay ahead of adversaries. Mr. Venkateswar highlighted the importance of understanding network vulnerabilities and deploying robust defense measures to safeguard critical infrastructure.

Policy and Legal Dimension: Mr. Venkateswar explored the challenges of formulating effective cyber policies and regulations, particularly in balancing security imperatives with individual privacy rights and economic considerations. He emphasized the role of international cooperation and harmonized legal frameworks in combating cyber threats at a global scale.

Intelligence and Information Sharing Dimension: The speaker emphasized the critical role of intelligence agencies in gathering actionable intelligence on cyber threats. He stressed the importance of fostering collaboration among stakeholders and sharing threat intelligence to enhance situational awareness and facilitate proactive defense measures.

Cognitive Warfare Dimension: Mr. Venkatesware explained that Cognitive warfare involves the manipulation of information, perception, and belief systems to achieve strategic objectives. Understanding and addressing the dimensions of cognitive warfare is crucial for safeguarding national security and countering the evolving tactics employed by adversaries in the information age. By recognizing the importance of information manipulation, psychological operations, and perception management, governments and organizations can develop more robust strategies to defend against cognitive threats and preserve the integrity of democratic societies.



Conclusion

The seminar on "National Security Paradigm - Cyber War Dimensions," featuring Mr. Balaji Venkateswar

as the speaker, provided valuable insights into the complexities of cyber warfare and its implications for national security. The event served as a platform for the students to get exposure to knowledge and dialogue with the revered speaker. Moving forward, the insights gained from the seminar will instigate the students towards efforts to enhance cybersecurity capabilities and safeguard the interests of nations in the digital age.

About the Speaker

Balaji is a Cyber Defense Professional with more than 25 years of experience and expertise in & Cyber Defense. He has innovated multiple solutions & created multiple de-novo frameworks to raise the bar of



Information Security control and with "2 Global Patents" granted, 9 filed & "One Trade Secret". Balaji has also worked for State Bank of India, India's largest Bank, Wipro as Head (Risk Management & Compliance), Bank of America as Senior Vice President (Global Information Security) for Global Delivery Center & CISO(India), PwC as Executive Director- Cyber Defense, Qualcomm as Director-Cyber Defense, IDFC First Bank as CISO AND BSE AS CISO. Currently, Balaji is working as Chief Mentor, at CyberVidyapeeth Foundation - an Educational Entity dedicated to Advance Cyber Defense Research and education. In order to contribute to Cyber Security Ecosystem, Resilience planning and Policy Formulation at the Country level, Balaji represents the following Committees:

- *Member Advisory Board for Global Cyberlympics. 2014-2022
- *Member of the CII National Committee on Telecom & Broadband 2017-18
- *Co-Chair of CII National Sub-Committee on Cyber Security - 2016-17
- *Member of the National Committee on Cyber Defense for Critical Infrastructure

GenAI in Music Workshop Report

Workshop Theme: AI in Music

Instructor: Steve Jerome

Date: February 29, 2024

Time: 9:30 PM - 5:00 PM

Summary:

On February 29, 2024, the Department of Artificial Intelligence and Data Science hosted a hands-on workshop on the theme of AI in Music. Led by instructor Steve Jerome, the workshop provided students and faculty with the opportunity to explore how artificial intelligence can be used to recreate and manipulate voices in music production, specifically focusing on the concept of multidimensional music.

Workshop Content:

- **Introduction to AI in Music:** The workshop began with an introductory session that explored the various applications of AI in music creation and production. This included discussions on topics like music generation, music composition, and music performance using AI techniques.
- **Recreating Voices with AI:** The core focus of the workshop shifted towards the specific application of using AI to recreate voices. Participants learned about different AI models and techniques employed for voice synthesis and manipulation. Key concepts explored likely included:
 - WaveNet: A deep learning model known for its ability to generate realistic speech.
 - Vocoder: A technology used to encode and decode audio signals, enabling manipulation of vocal characteristics.
 - Style transfer: Techniques for transferring the vocal style of one singer to another.
- **Multidimensional Music:** The workshop introduced the concept of multidimensional music, which involves creating soundscapes and musical experiences that go beyond traditional stereo sound. Participants likely learned about how AI can be used to create these multidimensional experiences by manipulating elements like spatialization, timbre, and dynamics.
- **Hands-on Session:** The workshop incorporated a hands-on component where participants gained practical experience using AI tools and techniques for voice recreation and multidimensional music creation. Specific software or platforms used might have included:
 - Magenta: A research project by Google AI exploring the intersection of AI and music.
 - LANDR: A platform offering AI-powered mastering tools.

Coimbatore Institute of Technology

Department of AI and DS

- o Jukebox: An open-source AI model capable of generating music in various styles.

Outcomes:

By the end of the workshop, participants were expected to gain a deeper understanding of the following:

- The potential of AI in revolutionizing music creation and production.
- Techniques for utilizing AI to recreate and manipulate voices in music.
- The concept of multidimensional music and how AI can be employed to create such experiences.
- Practical skills in using AI tools for voice recreation and multidimensional music creation.

Photos:



Coimbatore Institute of Technology
Department of AI and DS





Coimbatore Institute of Technology
Department of AI and DS
Unreal Engine Virtual Reality Workshop

Date: 1st and 2nd March 2024

Venue: M114 Coimbatore Institute of Technology

Conducted by: ZyenaLabs, Chennai and Department of AI & DS, CIT

The two-day hands-on session on March 1st and 2nd, conducted by ZyenaLabs at Coimbatore Institute of Technology, focused on creating a virtual reality (VR) environment using Unreal Engine 5

Day 1: [Basics and 3rd Person Player Game]

The first day commenced with an introduction to Unreal Engine, covering its fundamental components. Students gained insights into the basics of creating a virtual world. The session included a practical exercise where everyone successfully created a 3rd person player game, establishing a strong foundation for the subsequent activities.

Day 2: [Team Projects and Meta Quest 3 VR Headset]

On the second day, Students were divided into teams, each working on distinct VR projects. This hands-on approach allowed individuals to apply the knowledge gained on the first day in a collaborative setting. The guidance from ZyenaLabs ensured that the learning pace was suitable for all, promoting understanding and active participation.

A notable highlight of the workshop was the opportunity to use the Meta Quest 3 VR Headset provided by ZyenaLabs. This firsthand experience with cutting-edge VR technology added practical depth to the theoretical concepts covered during the workshop.

Overall Learning Experience:

The workshop provided a comprehensive understanding of Unreal Engine for virtual reality development. Participants not only grasped the theoretical aspects but also applied the knowledge practically, enhancing their skills in VR environment creation.

Conclusion:

The “Unreal Engine Virtual Reality workshop by ZyenaLabs” organized by the Department of AI & DS, CIT was a resounding success. It equipped Students with valuable skills, fostering creativity and innovation in the realm of virtual reality. The practical approach, team projects, and the use of advanced VR hardware made the workshop engaging and impactful.

We extend our gratitude to ZyenaLabs for their insightful guidance and provision of state-of-the-art VR equipment, enriching our learning experience.



Coimbatore Institute of Technology
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REPORT OF 1 DAY CRASH COURSE

Title of Activity:		TRAINING ON TENSOR FLOW DEEP LEARNING LIBRARY	
Date:	28.03.2024	Venue:	M114

Photos



Report of Crash Course

Department of AI and DS organizes a ONE DAY crash course on tensor flow deep library on 28.03.2024 (Thursday) from 9.30am-4.40pm at M114, Main Building, *Coimbatore Institute of Technology, Coimbatore*.

In the inauguration of the one crash course workshop, welcome address was given by Dr.Valliappan Raman, Head, Dept of AI&DS, CIT.

The speaker of the crash course, Mr. Sakthivel, Nunnari lab, who gave an hands-on session on tensor flow deep learning library. In total , 62 students from pre-final year participated in the crash course

Day 1: Morning

- Basics of TensorFlow (Keras, layers, sequential, activations, loss functions, training, callbacks)
- Building a Feed Forward Neural Network, Convolutional Neural Network and Recurrent Neural Network using TensorFlow

Day 1: Afternoon

- Transfer Learning, TensorFlow Hub
- TensorFlow Functional API
- TensorFlow Serve for Deploying models
- Intro to TF Ecosystem (TFLite, TFX,

How to prevent from phishing

- Enforce multi-factor authentication on your all accounts
- Hide unnecessary information from social networking sites
- Do not share your sensitive information such as name, address, email address, phone number, date of birth, passwords, banking information with anyone without verification and absolute necessary circumstances
- Use dummy emails to hide your identity and prevent your real emails from being exposed in breaches
- Use an ad-blocker to stay away from online activity
- Use VPN to hide your IP address, location, and internet connectivity
- Keep operating system and applications updated
- Use anti-virus and anti-malware, anti phishing products/software

Sign in - Google Accounts | PM subject: FET/220302490 | Zoom

CT CSE

CT CSE

Smishing

View Options

Smishing

SMISHING ATTACK PHASES

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graph LR; 1[1. The attacker sends a message containing a malicious link] --> 2[2. The user opens the text, clicks on the link, and gives away private data]; 2 --> 3[3. The data is used by the attacker to commit fraud or for profit making.];
```

1 The attacker sends a message containing a malicious link

2 The user opens the text, clicks on the link, and gives away private data

3 The data is used by the attacker to commit fraud or for profit making.

Search

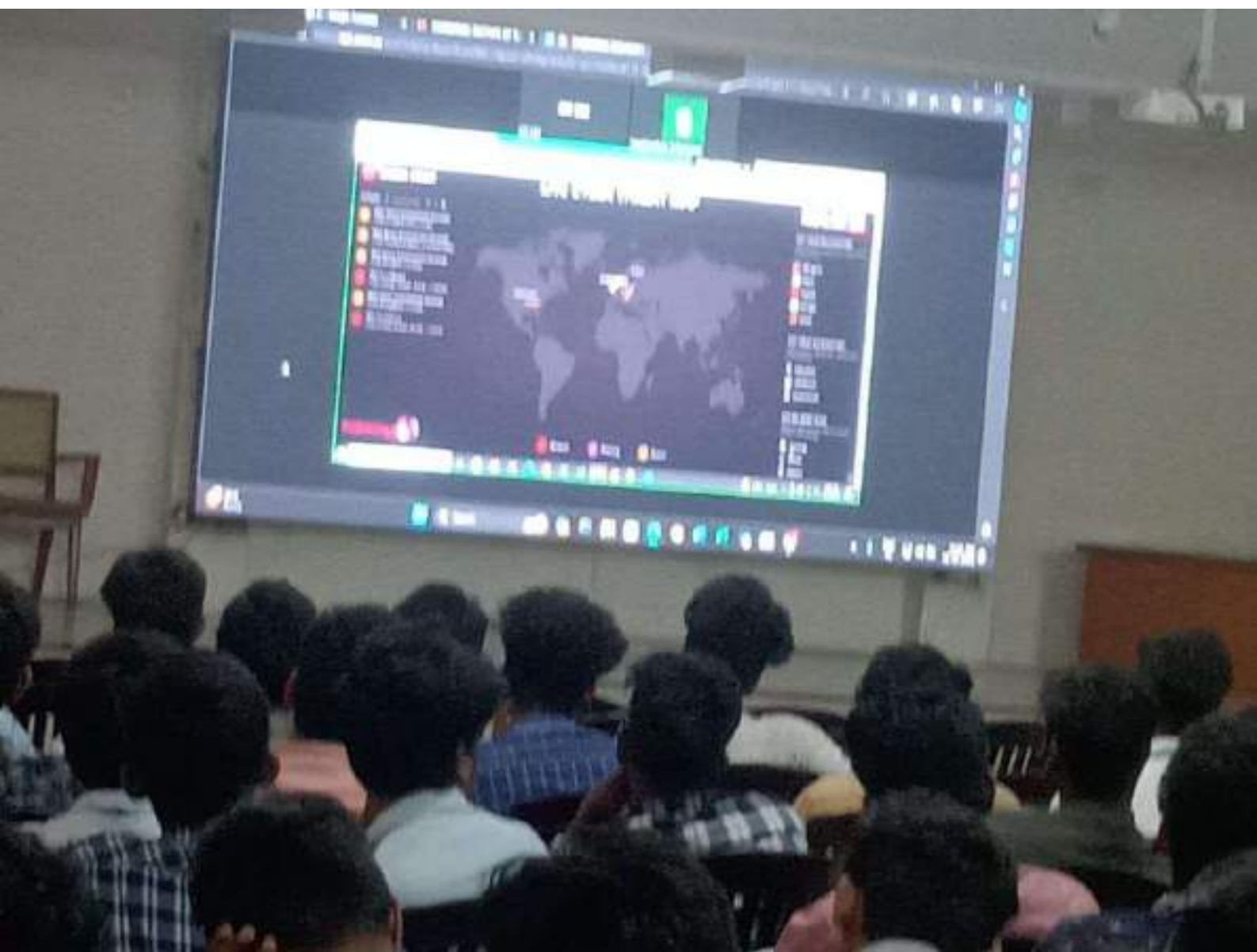
Smishing

SMISHING ATTACK PHASES









Smishing

SMISHING ATTACK PHASES

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1 The attacker sends a message containing a malicious link

2 The user opens the text, clicks on the link, and gives away private data

3 The data is used by the attacker to commit fraud or for profit making.



COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE- 641014
(Government Aided Autonomous Institution Affiliated to Anna University)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

B.E ELECTRONICS AND COMMUNICATION ENGINEERING
ECE ASSOCIATION, IETE STUDENT'S FORUM & IE(I) STUDENTS' CHAPTER
ACTIVITIES 2023-2024

Name of the Activity/ Programme: Engineers Day Celebration
Guest Lecture on, "The Sensors and You"

Number of students/ Year : 100 / II year B.E ECE

Organizing Team:

ASSOCIATION FACULTY COORDINATORS:

Dr.M.Poongothai
Professor
Department of ECE,
Coimbatore Institute of Technology
Coimbatore

Ms.C.Subha Priyadharshini
Assistant Professor
Department of ECE,
Coimbatore Institute of Technology
Coimbatore

IETE FACULTY COORDINATOR:

Dr.B.Bhuvaneswari
Assistant Professor
Department of ECE,
Coimbatore Institute of Technology
Coimbatore

IE(I) FACULTY COORDINATOR:

Dr.T.Balakumaran
Assistant Professor (SG)
Department of ECE,
Coimbatore Institute of Technology
Coimbatore

THE SENSORS AND YOU

Date	:	September 15,2023
Venue	:	LBCH–Library Block Conference Hall,
Resource Person(s) Name, Designation and Address:	:	Mr.S.N.Abhishek , Data Scientist in [24]7,AI Innovation Lab, Bengaluru.
Objective of the Programme	:	To immerse participants in the practical realm of sensors in corporate settings and to emphasize the role of sensors in driving efficiency and shaping strategic decision-making.
Number of Participants	:	100 Students
Programme Outcome \Impact	:	The program includes a practical understanding of sensors in corporate contexts and the ability to make informed, strategic decisions based on sensor-driven insights.

Salient Features of the Programme

A lecture on "Sensors and you" took place at the Library Block Conference Hall, Coimbatore Institute of Technology, Coimbatore, on Sep 15,2023, from 02:00to 04:30 PM. Mr.S.N.Abhishek ,Data Scientist in [24]7,AI Innovation Lab ,Bengaluru, enlightened the students about the practical understanding of sensors in corporate contexts. Dr.S.Uma Maheswari, HoD of the Department of Electronics and Communication Engineering at Coimbatore Institute of Technology, presided over the meeting.

Dr. Uma Maheswari commenced the lecture by delivering an insightful explanation on the role of sensors in driving efficiency and shaping strategic decision-making thereby preparing the ground for the subsequent conversation. Furthermore, she graciously welcomed and introduced thedistinguished guest, Mr.S.N.Abhishek.

Mr. S. N. Abhishek's lecture on "Sensors and You: Providing Insights into Practical Life" offered a captivating exploration of the pervasive role of sensors in our daily existence. Throughout the discourse, Abhishek provided a comprehensive overview of sensor technologies, unraveling their practical applications and their transformative impact on various facets of our lives.

The lecture commenced with Mr.S.N.Abhishek delving into the fundamental concept of sensors, elucidating their role as devices designed to detect and measure physical properties or changes in the environment. He emphasized that these technological components serve as the sensory apparatus of the digital era, facilitating the collection of data that powers a multitude of devices and systems integral to our day-to-day activities.

Mr.S.N.Abhishek's lecture took a pragmatic approach, focusing on how sensors influence and enhance the efficiency, convenience, and safety aspects of our practical lives. The exploration of smart homes and home automation was a notable highlight, where Mr.S.N.Abhishek illustrated how sensors play a pivotal role. From motion sensors activating lights to smart thermostats adjusting temperature based on occupancy, Mr.S.N.Abhishek provided vivid examples of how

these technologies seamlessly integrate into our living spaces, making them more responsive and energy-efficient.

Transportation emerged as another key domain in the lecture's narrative. Mr.S.N.Abhishek expounded on the role of sensors in modern vehicles, emphasizing their contribution to advancements in safety and efficiency. Examples ranged from collision detection systems that enhance road safety to adaptive cruise control systems that optimize driving experiences. Mr.S.N.Abhishek underscored the tangible impact of sensors on making transportation safer and more intelligent.

The healthcare sector was also explored, with Abhishek shedding light on how sensors are revolutionizing patient monitoring and diagnostics. Wearable devices equipped with sensors that track vital signs were presented as practical examples, showcasing the potential for individuals to actively manage their health. The lecture emphasized the transformative role of sensors in bringing about a paradigm shift in healthcare towards proactive and personalized approaches.

Agriculture was another domain where Mr.S.N.Abhishek demonstrated the practical application of sensors. He discussed how these technologies, such as soil moisture sensors and drones equipped with imaging sensors, are optimizing crop yields and resource utilization in precision farming. The lecture highlighted the role of sensors in addressing global challenges like food security and promoting sustainable agriculture practices.

Environmental monitoring emerged as a crucial aspect of Mr.S.N.Abhishek's discourse. He detailed how sensors contribute to monitoring air quality in smart cities and tracking wildlife movements, providing invaluable insights into our surroundings. Mr.S.N.Abhishek underscored the potential of sensor data to inform environmental policies and promote sustainable practices, fostering a deeper connection between technology and ecological awareness.

Throughout the lecture, Mr.S.N.Abhishek seamlessly blended technical insights with relatable examples, ensuring that the audience grasped the significance of sensors in their practical lives. His engaging explanations and use of real-world scenarios resonated with attendees, fostering a greater understanding and appreciation for the often-overlooked world of sensors.

In conclusion, Mr.S.N. Abhishek's lecture on "Sensors and You" was an enlightening exploration of the pervasive and transformative influence of sensors. By demystifying these technological components and showcasing their applications in various domains, Abhishek empowered the audience to recognize and appreciate the profound impact of sensors on the efficiency, safety, and convenience of our daily lives. The lecture served as a compelling testament to the integral role sensors play in shaping the landscape of our technologically-driven practical existence. Following the discussion, as a mark of gratitude and admiration, B. Bhuvaneshwari bestowed a memento upon Mr.S.N.Abhishek. This gesture not only recognized his significant contributions and expertise but also symbolized appreciation for the enlightening insights and time shared with the young mind.

Brochure:



The brochure features a dark blue background with a glowing circuit board pattern. At the top, there are four logos: Coimbatore Institute of Technology, a colorful geometric logo, a circular emblem, and the IETE logo. The text is centered and uses various font sizes and weights to create a hierarchy. The main title 'ENGINEER'S DAY 2023 CELEBRATION' is in large, bold, blue letters. The guest's name 'ABHISHEK SN' is also in large, bold, blue letters. The dates and time are at the bottom in white text.

COIMBATORE INSTITUTE OF TECHNOLOGY
(GOVERNMENT AIDED AUTONOMOUS INSTITUTION APPROVED BY AICTE, NEW DELHI & AFFILIATED TO Anna UNIVERSITY, CHENNAI)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

**ECE ASSOCIATION,
IETE STUDENTS FORUM &
IE(I) STUDENTS CHAPTER**

WE CORDIALLY INVITES YOU TO THE

**ENGINEER'S DAY 2023
CELEBRATION**

CHIEF GUEST

ABHISHEK SN
DATA SCIENTIST IN (24/7) AI INNOVATION LAB, BENGALURU

PRESIDING OVER BY

Dr.A.RAJESWARI **Dr.S.UMA MAHESWARI**
PRINCIPAL, CIT PROFESSOR & HEAD, ECE, CIT

15.09.2023
TIME : 3:00 PM
VENUE : LBCH

SENSORS AND YOU:

Dr.S.UMA MAHESWARI, honoring Mr.S.N.Abhishek by presenting him with a bouquet



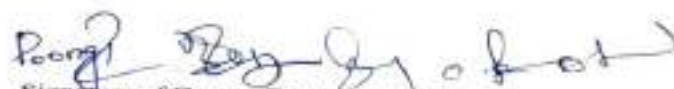
**Discussion with Mr.S.N.Abhishek , Data Scientist in [24]7, AI
Innovation Lab, Bengaluru**





Dr.B.Bhuvaneshwari, honoring Mr.S.N.Abhishek by presenting him with a memento.




Signature of Course Co-ordinator(s)
Electronics and Comm Engg.
Coimbatore Institute of Technology
COIMBATORE - 14.



COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE- 641014
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

B.E ELECTRONICS AND COMMUNICATION ENGINEERING
ECE ASSOCIATION, IETE STUDENT'S FORUM & IE(I) STUDENTS' CHAPTER
ACTIVITIES 2023-2024

Name of the Activity/ Programme: MOCK INTERVIEW

Number of students/ Year : 118 / IV year B.E ECE

Organizing Team:

ASSOCIATION FACULTY COORDINATORS:

Dr.M.Poongothai
Professor
Department of ECE,
Coimbatore Institute of Technology
Coimbatore

Ms.C.Subha Priyadharshini
Assistant Professor
Department of ECE,
Coimbatore Institute of Technology
Coimbatore

IETE FACULTY COORDINATOR:

Dr.B.Bhuvaneswari
Assistant Professor
Department of ECE,
Coimbatore Institute of Technology
Coimbatore

IE(I) FACULTY COORDINATOR:

Dr.T.Balakumaran
Assistant Professor (SG)
Department of ECE,
Coimbatore Institute of Technology
Coimbatore

MOCK INTERVIEW

Date	: September 25,26 & 27 2023
Venue	: M103
Expert Member	Ms.Priya, BYTS Coimbatore
Objective of the Programme	: To provide Final-year Electronics and Communication Engineering (ECE) students with practical experience in handling job interviews.
Number of Participants	: 118 Students
Programme Outcome Impact	: Final year student showed marked improvement in their ability to articulate their skills and experiences clearly and confidently.

On September 25,26&27,2023, a mock interview session was conducted for final-year Electronics and Communication Engineering (ECE) students, facilitated by Ms. Priya from Byts. The session aimed to provide students with practical experience in handling job interviews, preparing them for the transition from academic life to professional careers.

Ms. Priya, an industry expert with extensive experience in recruitment and career coaching, led the session. The mock interviews were designed to simulate real-world scenarios, including both technical and behavioral questions pertinent to the ECE field. Each final-year student participated in a one-on-one interview, receiving feedback tailored to their performance. The session also included a brief presentation on effective interview strategies and common pitfalls to avoid.

Key outcomes of the mock interview session were highly positive. Students demonstrated notable improvements in their ability to handle technical and behavioral questions. The session allowed them to practice articulating their skills and experiences clearly, addressing technical challenges, and responding to behavioral scenarios with greater confidence. Participants reported a significant boost in their confidence levels. The practical experience of participating in a simulated interview environment, coupled with expert feedback, helped reduce anxiety and increase their preparedness for actual job interviews. The personalized feedback was crucial in highlighting each student's strengths and areas for improvement. This guidance was instrumental in helping students refine their responses, enhance their problem-solving explanations, and improve their overall interview performance. The session provided valuable insights into industry

expectations and interview practices, equipping students with knowledge on how to navigate the job market effectively.



CIT-ECE-Mock Interview Sample Report Overall

Feedback

- Presentation must be improved
- Have to be strong in the content
- Need more preparation on each topics(at least in the basics) of their area of interest
- Problem solving skills must be improved
- Some students are having starting trouble. If they prepare their self introduction well , then the starting trouble can be reduced

Tharun	18/35
Self-Introduction	Need to be Improved(2/5)
Resume	It is Good(3/5)
Python	(3/5)
3/5	Q. Tell me few global functions
	A. append , pop, insert , list -> all these are list methods.Didnot know about global function
	Q. What is print
	A. print is a fun used to print. can be used without ()
	Q. Is python compiled or interpreted lang
	A. interpreted lang
	Q. What is interpreter
	A. line by line exe, stops when error occurs
	Q. What is mutable & immutable
	A. Ans is unrelated
	Q.what is iterators
	A. for is an iterator. for i in range
	Q. what is range?

	A. range(st,stop,step) . will not include stop value starts from st value. stop is needed. Got this explanation by asking q on every word
	Q. What is range return?
	A. tuple
	Q. What is tuple?
	A. unchangable.if we want to add, we cannot add
	Q. Which scenario will you use tuple?
	A. unrelated ans
	Q. What is dictionary and set?
	A: set does not allow duplicates, dictinary keys is not duplicate, value can be duplicated
	Q. How do you iterate dictinary
	A. using keys
	Q. what is aliasing
	A. donot know
Problem Solving Skills	(5/5)
	Q. remove duplicates from list
	A. simple solution -using set , using another list, Asked for optimization.inbulit. gave solution - replace the duplicate value with some character and delete it
	Logical thinking is good
	Coding is good
Project	(3/5)
	seweage block detection- 3 modules are there can collect 250grams of wastage. being budget issue could not do above that. Role: implementing the connection in hardware..and

	analysis Need to explain more about the project without the consecutive questions
Area of Interest	1/5
Comupter Network:	
	Q. Tell me about OSI layers
	A. told about all 7layers
	Q Explain about every layer
	A, not strong in the explanation
Short term / Long Term Goals	Q. What is your shot term and long term goal
	A. get selected in reputed company long term is to buy a specific car
Presentation	1/5
Shreya	20/40
Self Intro	1/5
	less than 30 secs. told about name, college a and school
	Q. Did you take anysteps to overcome your weakness
	A. Have taken many courses like C,C++,HTML , CSS
	Q. Tell me about your project
	A. CIT chatbot-academic only
Communication	4/5
Resume	4/5
C	1/5
	Q. What are the pointers

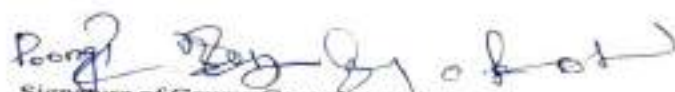
	A. Null pointer,void,wild,dangling pointers
	Q. Advantages of pointer
	A. to reserve the memory location, pointers use less memory
	Q. What is call by value & address
	A. calling by value , calling by address
	Q. what is storage class?
	A. auto,static,extern,register , nature of variable
	Q. What is an array
	A. Collection of same data type. index starts at 0
	Q. Difference between structure and union
	A. different types of data can be stored in structure unrelated ans for union
C++	0/5
	Q. What is name mangling
	A. Dont know
	Q. what is object slicing
	A. Dont know
	Q. use of templates
	A. STL has many methods we can use it
	Q. tell me about STL
	A. STL has stack, queue,vectors
Problem Solving Skills	5/5
	Q: Find the mid point of SLL
	A: Slow and fast pointer wrote the functionality

Project	1/5
	Block Sewage System – Need more explanation
Computer Network	4/5
	Q: Explain about OSI Layers
	A: Explained well about all
	Q: What is encryption and encoding
	A: Encryption uses key to encrypt the message. for security encoding-> all system mostly support encoding runlength encoding to reduce length
	Q. "aaabbbcddee" write a program to reduce the length "a3b3cd2e2"
	A. wrote Microcontroller
	Q. which microcontroller are you comfortable
	A. 8051
	Q. Explain about it
	A. it has inbuilt timers, specific application , RAM, ROM, serial communicate ,RISC architecture
Vinesh	15/40
Self Intro	3/5
Resume	4/5
Communication	2/5
	Need to be improved
C	1/5
	Q. What is pointer?

	A. stores address of another variable and there are so many pointers
	Q. Advantages of pointer
	A. donot know
	Q. disadvantage of array
	A. We cannot perform insertion
	Q. tell me about little and big endian
	A. low order - lower bytes in little endian higher order lower bytes in big endian
	Q. Explain call by value & call by address
	A. explained swapping of two numbers
	Q. difference between call by address and reference
	A. do not know
Python	2/5
	Q. how to get input in python
	A. <code>int(input())</code>
	Q. how to get multiple input in the same line
	A. map function is used
	Q. explain about map function
	A. Do not know
	Q. difference between partition and split
	A. do not know
	Q. do you any other string functions
	A. find, count, insert

	Q. how to traverse the list?
	A. for i in arr
	Q. can a function return more than one value
	A. yes,
DBMS	1/5
	Q: Tell me about Joins
	A: Left Join right join, full join
	Q: difference between having and where clause
	A: where is used as if else, having is used in aggregation
Project	1/5
	Car Parking System
	Will check the parking area is available or not
CN	1/5
	Q: tell me about OSI
	A: Only 5 told
	Q: What is mac and ip address
	A: it is used in HUB
	Q: What is a HUB
	A: It is used to connect more than one system
	Q: What is ILAN
	A: Local Area Network
Short / Long term goals	
	Short: Good position in reputed company

	Long: full stack developer
Rating on languages	
C	4/5
Python	3/5
SQL	3.5/5


 Signature of Course Co-ordinator(s)
Electronics and Comm Engg.
 Coimbatore Institute of Technology
 COIMBATORE - 14.



COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE- 641014
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING

B.E ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR: 2023-2024

Name of the Activity/ Programme: 19EEOC33 - SEMICONDUCTOR LIFE CYCLE

Number of students/ Year: 140/II-year III Semester B.E ECE

Organizing Team: PLACEMENT CELL

Syllabus:

COURSE OUTCOMES

On successful completion of the course, Students will be able to

CO1: Gain basic knowledge about the semiconductor device's life cycle from design to release

CO2: Understand the environments, tools, and processes in each stage of semiconductor's life cycle

CO3: Get to know the importance of design, instruments and technologies involved, and the role of Electronics engineers in the processes

OVERVIEW OF SEMICONDUCTOR LIFE CYCLE

High level overview of semiconductor life cycle – pre-silicon processes, silicon fabrication, post-silicon lab processes, mass production and market release – common terminologies (2)

PRE-SILICON PROCESSES

Requirement identification – IC generations – RTL Design – tools and processes – HDLs – design verification processes – design datasheet (3)

SILICON FABRICATION

Fabrication process basic overview – wafer manufacturing, oxidation, photolithography, etching, deposition & ion implantation, metal wiring, EDS, packaging – wafer level testing – IC packaging types (3)

POST-SILICON LAB PROCESSES

Lab validation process – environment, processes, and tools – wakeup, debug, characterization, compliance testing – test bench, test plans, test programs and automation – instruments in lab validation – final datasheet (4)

Poonj

Electronics and Comm. Engg.
Coimbatore Institute of Technology
COIMBATORE - 11

SILICON PRODUCTION AND RELEASE

Mass Production – production testing – environment, processes, and tools – ATEs – Market release – Evaluation GUIs – Version upgradesSummary – importance of design, instrumentation, GUIs, and data at different stages – role of Electronics engineers in the processes (3)

TOTAL: 15

DAY 1

Date: 07.10.2023

Time: 9.00AM to 1.00PM (FN)

Venue: MBCH

Resource Person: Mr. Vignesh

Title: OVERVIEW OF SEMICONDUCTOR LIFECYCLE



The session commenced at 9:00am, led by technical experts from Soliton. An alumni expert began by providing a concise introduction to the semiconductor lifecycle and engaged in a discussion with the students. The session encompassed various topics on overview of Semiconductor Life cycle, including

- Industry Trends and requirement Identification
- Design
- Pre-silicon Verification
- Design datasheet release
- Silicon Fabrication

- Post-silicon validation
- High volume production and testing
- Release to market

It was centered around discussions of design, pre-silicon fabrication, silicon fabrication, and post-silicon validation. By 1:00 pm, as the session concluded, technical experts fielded questions from the students, and valuable feedback was exchanged.

DAY 2

Date: 14.10.2023
Time: 2.00 PM to 5.00PM (AN)
Venue: MBCH
Resource Person: Mr. Vignesh
Title: PRE-SILICON PROCESS



The session commenced at 2:00pm in the afternoon, with a primary focus on pre-silicon processes. It provided a comprehensive overview of the semiconductor fabrication process, detailing each step. The session covered a wide range of topics,

- Post silicon process
- Electrostatic discharge
- Test procedure Testbench
- Data collection
- requirements identification
- design
- pre-silicon verification

During the discussion, there was an emphasis on electrostatic discharge in integrated circuits (ICs) shown in the form of video and the prerequisites for post-silicon validation were presented. It concluded with technical experts posing questions to the students, and this interactive session wrapped up by 5:00pm.

DAY 3

Date: 28.10.2023
Time: 2:00 PM to 5:00PM (AN)
Venue: IT 213
Resource Person: Ms. Ramya
Title: SILICON FABRICATION AND LAB PROCESS



The session commenced at 2:00 pm in the afternoon, with a primary focus on post-silicon processes. It provided a comprehensive understanding of the essential conditions and controlled environments required for semiconductor fabrication, as well as a discussion on potential contaminants. Contents like

- Silicon fabrication process
- Wafer Manufacturing
- Oxidation
- Photolithography
- Etching
- Deposition Process

Videos demonstrating the silicon manufacturing process were presented. The session further explored the advantages, disadvantages, and challenges associated with integrated circuit (IC) packaging. The session concluded with technical experts posing questions to the students, fostering interaction, and the event concluded by 5:00 pm.

DAY 4

Date: 04.11.2023
Time: 2.00PM to 5.00PM (AN)
Venue: Auditorium
Resource Person: Mr. Sri Hariharan
Title: SILICON PRODUCTION AND RELEASE



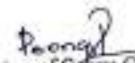
The session commenced at 9.00 am, with a comprehensive discussion on the testing processes. This discussion encompassed

- Post-silicon testing
- Production testing
- Wafer-level testing

Various types of testing, such as

- Electrical testing
- Mechanical testing
- Environmental testing

along with considerations for electrical parameters, thermal parameters, and resistance testing, were thoroughly explained. Topics such as marketing campaigns, marketing strategies, supply chain management, e-commerce distribution, and launch strategies were also part of the curriculum. The significance of the Device Interface Board (DIB) was addressed, and the session concluded by 1 PM with an interactive question-and-answer session.


Signature of Course Co-ordinator



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**B.E ELECTRONICS AND COMMUNICATION ENGINEERING
ECE ASSOCIATION, IETE STUDENT'S FORUM & IE(I) STUDENTS' CHAPTER
ACTIVITIES 2023-2024**

Name of the Activity/ Programme: Guest Lecture on, "Gen AI- A Depth Discussion"

Number of students/ Year : 135 / II & III year B.E ECE

Organizing Team:

ASSOCIATION FACULTY COORDINATORS:

Dr.M.Poongothai
Professor
Department of ECE,
Coimbatore Institute of Technology
Coimbatore

Ms.C.Subha Priyadharshini
Assistant Professor
Department of ECE,
Coimbatore Institute of Technology
Coimbatore

IETE FACULTY COORDINATOR:

Dr.B.Bhuvaneshwari
Assistant Professor
Department of ECE,
Coimbatore Institute of Technology
Coimbatore

IE(I) FACULTY COORDINATOR:

Dr.T.Balakumaran
Assistant Professor (SG)
Department of ECE,
Coimbatore Institute of Technology
Coimbatore

Gen AI: A Depth Discussion

Date	: October 09, 2023
Venue	: LBCH – Library Block Conference Hall,
Resource Person(s) Name, Designation and Address:	: Mr. Anish Kumar, AI Software Engineer at Intel Bengaluru. Dr. Shriram Kris Vasudevan, Lead Technical Evangelist at Intel India Pvt. Ltd., Bengaluru.
Objective of the Programme	: To provide a comprehensive insight into Generative AI Technology and foster a deeper understanding of AI technologies and inspire future innovation in this rapidly evolving domain.
Number of Participants	: 135 Students
Programme Outcome \ Impact	: Gained a deeper understanding of Generative AI and its real-world applications.

Salient Features of the Programme

"Gen AI: A Depth Discussion" took place at the Library Block Conference Hall, Coimbatore Institute of Technology, Coimbatore, on Oct 09, 2023, from 02:00 to 04:45 PM. Mr. Anish Kumar, AI Software Engineer at Intel Bengaluru, and Dr. Shriram Kris Vasudevan, Lead Technical Evangelist at Intel India Pvt. Ltd., Bengaluru, shared their expertise on Generative AI. Dr. S Uma Maheswari, HoD of the Department of Electronics and Communication Engineering at Coimbatore Institute of Technology, presided over the meeting.

Dr. Uma Maheswari commenced the event with an insightful briefing on the fundamental concepts of AI, setting the stage for the ensuing discussion. She also welcomed and introduced to the students, the distinguished guests, Mr. Anish Kumar & Dr. Shriram Kris Vasudevan. Her introduction emphasized their remarkable contributions to the field of AI, establishing a foundation of expertise for the discourse that followed.

Dr. Vasudevan sparked the discussion by giving the students a brief introduction to Generative AI. He elaborated on the various types of prompting, emphasizing their influence on the job market and work productivity in the era of Artificial Intelligence. Dr. Vasudevan also shed light on the intricate relationship between Machine Learning and Deep Learning, providing valuable insights into their applications and potential advancements.

Following Dr. Vasudevan, Mr. Anish Kumar explored a range of intriguing subjects. He provided a comprehensive explanation of "stable diffusion," which refers to the method of effectively and consistently disseminating information. This technique is widely used in DALL - E and MidJourney for AI Image Generation. Additionally, he offered a foundational overview of "LLM: Large Language Model" Finetuning, a game-changing process in enhancing AI systems.

He also discussed the utilization of various coding platforms, both IDEs and free-to-use, as well as cloud resources for AI training, highlighting their role in augmenting the capabilities of AI. The session provided the audience with a clear understanding of these critical facets within the realm of AI technology.

After the discussion, Dr. M. Poongothai, in a gesture of appreciation and respect, honored Mr. Anish Kumar by presenting him with a memento. This act not only acknowledged Mr. Kumar's valuable contributions and expertise but also served as a token of gratitude for his enlightening insights and valuable time shared with the audience.

The meeting proved to be an invaluable learning experience for the students of Coimbatore Institute of Technology. Through the insightful presentations of Mr. Anish Kumar and Dr. Shriram Kris Vasudevan, students gained a deeper understanding of Generative AI and its real-world applications. Dr. Uma Maheswari's adept facilitation and introduction of the esteemed guests added a layer of inspiration, leaving students with a sense of purpose and excitement for the future of AI.

Brochure



The brochure features a dark blue background with a subtle pattern of binary code and a faint image of a globe. At the top, there are four logos: Coimbatore Institute of Technology, a colorful geometric logo, a circular seal, and the IETE logo. The text is centered and uses a mix of white and yellow fonts for emphasis.

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**DEPARTMENT OF ELECTRONICS &
COMMUNICATION ENGINEERING**
AND
**ECE ASSOCIATION,
IETE STUDENTS FORUM &
IE(I) STUDENTS' CHAPTER**

WE CORDIALLY INVITE
YOU TO THE

**“GEN AI -
A DEPTH DISCUSSION”**

CHIEF GUEST

MR. ANISH KUMAR
SOFTWARE ENGINEERING
MANAGER, INTEL, BENGALURU

DR. SHRIRAM KRIS VASUDEVAN
LEAD - THUNDER, CHENNAI, AP, IISc
INTELLECT & PERFORMANCE ENGINEERING,
SOFTWARE & ADVANCED TECHNOLOGY GROUP,
INTEL INNOVATE LTD, BENGALURU, INDIA

PRESIDING OVER BY
Dr.S.UMA MAHESWARI
PROFESSOR &
HEAD, ECE, IIT

STAFF ADVISORS

Dr.M. POONGOTHAI
PROFESSOR

Ms.C. SURYA PRIYADHARSINI
ASSISTANT PROFESSOR

09-10-2023
TIME : 2:00 PM
VENUE : LBCH

Generative AI: A Depth Discussion:

Address by Head of the Department, ECE Department, CIT.



Discussion with Dr. Shriram Kris Vasudevan, Lead Technical Evangelist at Intel India Pvt. Ltd., Bengaluru.



Mr. Anish Kumar, AI Software Engineer at Intel Bengaluru.



Dr. M. Poongothai, honoring Mr. Anish Kumar by presenting him with a memento.



Dr. M. Poongothai
Signature of Course Co-ordinator(s)
Electronics and Comm Engg.
Coimbatore Institute of Technology
COIMBATORE - 14.



COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE- 641014
(Government Aided Autonomous Institution Affiliated to Anna University)

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

**B.E ELECTRONICS AND COMMUNICATION ENGINEERING
ECE ASSOCIATION, IETE STUDENT'S FORUM & IE(I) STUDENTS' CHAPTER
ACTIVITIES 2023-2024**

Name of the Activity/ Programme: Workshop on, "GENAI- The AI Revolution"

Number of students/ Year : 100 External Participants

Organizing Team:

ASSOCIATION FACULTY COORDINATORS:

Dr.M.Poongothai
Professor
Department of ECE,
Coimbatore Institute of Technology
Coimbatore

Ms.C.Subha Priyadharshini
Assistant Professor
Department of ECE,
Coimbatore Institute of Technology
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IETE FACULTY COORDINATOR:

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IE(I) FACULTY COORDINATOR:

Dr.T.Balakumaran
Assistant Professor (SG)
Department of ECE,
Coimbatore Institute of Technology
Coimbatore

COIMBATORE INSTITUTE OF TECHNOLOGY

(AN AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY)

Coimbatore-641014

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

**(ECE ASSOCIATION, IETE STUDENT'S FORUM & IE(I)
STUDENTS' CHAPTER)**

PINNACLE 2K24



GENAI – THE AI REVOLUTION

REPORT:2024-25

Title : GENAI- The AI Revolution
Chief guest : DR. SHRIRAM KRIS VASUDEVAN Ph.D.,
Lead Technical Evangelist,
APJ Software and Advanced Technology Group, Intel
India Pvt.Ltd.Bengaluru,India
Date : 15-03-2024
Venue : Main building conference hall
Event Coordinator : Shashwanth K B

INTRODUCTION:

The workshop titled “GENAI – THE AI REVOLUTION” was held on march 15, 2024 with distinguished speaker Dr. Shriram Kris Vasudevan, a renowned expert from Intel India Pvt.Ltd., as students explore the transformative power of AI at the Main Building Conference Hall. It was conducted as part of PINNACLE '24 - A National Level Symposium

OBJECTIVE:

The objective of a Gen AI workshop is to educate participants about AI's impact on the next generation, covering topics like ethics, responsible usage, and societal implications, while fostering critical thinking and problem-solving skills.

PROCEEDINGS:

The event began with opening remarks from Ms.Nethra setting the stage for a day filled with insightful discussions and engaging activities , then it was taken over by the chief guest Dr. Shriram Kris Vasudevan. The event started approximately around 11:00 am and he just started on how to generate an image with four lines of code. He then started to give brief explanation on what is GENAI,NLP,LLM,PROMPTS and so on. He then gave real time examples and showed the students on how the image is generated realistically with just four lines of prompt and finally he gave quick overview on how to access intel developer cloud console.

CONCLUSION:

The event was a grand success in fostering a culture of innovation and creativity. The vote of thanks was provided by Ms.Nethra. The event served as a platform for participants to connect, learn, and grow, inspiring them to pursue their dreams with passion and determination. As students, the anticipation of the future is coupled with confidence that the knowledge gained at this hands-on workshop will pave new paths in our life's journey.



Brochure:



COIMBATORE INSTITUTE OF TECHNOLOGY
COIMBATORE - 14
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
ECE ASSOCIATION, IETE STUDENTS' FORUM & IE(I) STUDENTS' CHAPTER
ORGANIZES
A NATIONAL LEVEL TECHNICAL SYMPOSIUM
PINNACLE 2K24
A WORKSHOP ON
"GENAI - THE AI REVOLUTION"



Dr. Shriram Kris Vasudevan
Ph.D. Lead - Technical Evangelist,
AI/ML Software and Advanced
Technology Group,
Intel India Pvt. Ltd. Bangalore, India

workshop Highlights

- What's GenAI?
- LLMs and GenAI ecosystem
- Intel Developer Cloud registration and walk-through
- Intel Developer Cloud for learning GenAI
- Demos with EasyDL Diffusion
- Text to Image, Image to Image, DALL and more
- Intel Student Ambassador, Intel Innovator
- Intel Educator Solutions - A Quick Start

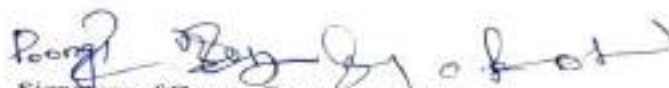

Scan to register
9363168350

REGISTRATION FEE : ₹200

March 15 2024
11:00 AM - 04:00 PM
Participants who successfully complete the workshop will be awarded a certificate and access to the Intel Developer Cloud Console.

LIMITED SEATS AVAILABLE ! RESERVE YOUR SPOT NOW
Certificates will be provided for all the participants

OUR PARTNERS



Signature of Course Co-ordinator(s)
Electronics and Comm Engg
Coimbatore Institute of Technology
COIMBATORE - 14

Technical Talk by Professor Patrick Then at Coimbatore Institute of Technology

Date: February 17, 2023

Department: Department of AI & Data Science

Speaker: Professor Patrick Then, Swinburne University of Technology

Topic: AI in Digital Health

Summary:

With expertise spanning digital health, artificial intelligence, and data science, Professor Patrick Then, a renowned computer scientist from Swinburne University of Technology, enthralled students of the Department of AI & Data Science at Coimbatore Institute of Technology with a captivating technical talk on February 17, 2023. Titled “Artificial Intelligence in Digital Health”, the talk delved into his research interests and projects such as “Explainable Artificial Intelligence (XAI) for Lung Disease Diagnosis and Severity Classification using Deep Learning”, “Smart Chronic Disease Management App”.

Key Highlights:

- **Captivating Delivery:** Professor Then's engaging and interactive presentation style sparked lively discussions amongst the students.
- **Profound Insights:** The talk offered invaluable insights into public health management notably covid19 surveillance and management. These insights will prove instrumental for students in shaping their academic pursuits, career aspirations and understanding of the field.
- **Inspiration Ignited:** Professor Then's contagious passion for his field and his enthusiastic delivery left a lasting impression on the students. Many were inspired to delve deeper into AI and data science, motivated by the potential and impact these technologies hold.

Experience Domain:

Professor Then boasts a rich tapestry of experience in diverse domains:

- **Digital Health:** He is a thought leader in this sector, spearheading research and development projects focused on chronic disease management, particularly cardiovascular and diabetic conditions. His work extends to public health management, evident in his contributions to COVID-19 surveillance and control efforts.
- **Artificial Intelligence:** His research delves into various facets of AI, including machine learning, deep learning, and natural language processing. This expertise fuels his exploration of AI applications in healthcare, finance, and other domains.
- **Data Science:** Professor Then possesses a deep understanding of data analysis, modelling, and visualization techniques. He leverages these skills to extract valuable insights from diverse datasets, contributing to advancements in various fields.

Report on the Emergence of AI Event

Date : June 23 2022

Speaker: Arnav Sivram

Introduction:

On June 23, 2022, an insightful event titled "Emergence of AI" was held, featuring Arnav Sivram as the keynote speaker. The event aimed to shed light on the current landscape, advancements, and implications of artificial intelligence (AI) across various sectors.

Key Points Covered:

Evolution of AI: Arnav Sivram began by tracing the evolution of AI, highlighting its journey from theoretical concepts to practical applications. He discussed seminal moments in AI history and emphasized the recent surge in AI research and development.

Applications in Industry: The speaker elaborated on the widespread applications of AI in diverse industries such as healthcare, finance, manufacturing, and transportation. He illustrated how AI algorithms are revolutionizing processes, enhancing efficiency, and driving innovation in these sectors.

Ethical Considerations: Sivram addressed the ethical implications of AI adoption, stressing the importance of responsible AI development and deployment. He raised concerns about algorithmic bias, data privacy, and the need for transparent AI systems.

Challenges and Opportunities: The speaker delved into the challenges hindering the widespread adoption of AI, including technical limitations, regulatory hurdles, and societal resistance. However, he also highlighted the vast opportunities AI presents for addressing complex problems and driving socioeconomic progress.

Future Outlook: Arnav Sivram concluded by offering insights into the future trajectory of AI, predicting continued advancements in machine learning, natural language processing, and robotics. He emphasized the need for interdisciplinary collaboration and ethical frameworks to navigate the evolving AI landscape responsibly.

Audience Response:

The audience engaged actively with the speaker, posing thought-provoking questions and participating in discussions on various facets of AI. Attendees expressed a keen interest in the practical implications of AI technologies and the ethical dilemmas they entail.



Conclusion:

The "Emergence of AI" event, featuring Arnav Sivram as the speaker, provided a comprehensive overview of the current state and future prospects of artificial intelligence. It served as a platform for informed discourse on the opportunities, challenges, and ethical considerations associated with AI adoption, fostering greater understanding and collaboration in this rapidly evolving field.

Report on Revolutionizing Food Distribution: A Startup Perspective

Date: June 14, 2023

Speaker: Vignesh – Founder of payirgal

Introduction:

The session on revolutionizing food distribution, from a startup perspective, held on June 14, 2023, brought to light innovative approaches and emerging trends in the food industry. Vignesh, a seasoned entrepreneur in the field, shared valuable insights into the challenges faced by traditional food distribution systems and proposed disruptive solutions.

Key Takeaways:

Demand for Efficiency: Vignesh emphasized the growing need for efficiency in food distribution. With the rising demand for fresh and diverse food options, traditional distribution channels are struggling to keep up. Startups are uniquely positioned to address this gap by leveraging technology and novel business models.

Technology Integration: One of the focal points of the discussion was the integration of technology in food distribution. Vignesh highlighted how startups are using data analytics, AI, and IoT devices to optimize supply chains, reduce waste, and enhance the overall distribution process. These technological advancements not only streamline operations but also improve customer experience.

Direct-to-Consumer Models: Another significant trend discussed was the shift towards direct-to-consumer (DTC) models. By bypassing intermediaries and establishing direct relationships with consumers, startups can offer fresher products at competitive prices while maintaining higher profit margins. Vignesh emphasized the importance of personalized marketing and customer engagement in DTC strategies.

Sustainability: Sustainability emerged as a key theme throughout the session. Vignesh underscored the importance of eco-friendly packaging, ethical sourcing, and reducing food miles in distribution networks. Startups are increasingly adopting sustainable practices not only to meet consumer demands but also to contribute to environmental conservation efforts.

Collaborative Ecosystems: Vignesh highlighted the role of collaborative ecosystems in driving innovation in food distribution. By partnering with other startups, farmers, and logistics providers, startups can create synergies that benefit all stakeholders. Such collaborations foster knowledge exchange, resource sharing, and collective problem-solving.



Case Studies:

Vignesh shared several case studies of successful startups that are revolutionizing food distribution:

Farmdrop : A UK-based startup that connects consumers with local farmers, offering fresh produce delivered directly to their doorsteps. Farmdrop's platform emphasizes transparency and sustainability, enabling consumers to trace the origin of their food.

Instacart: An on-demand grocery delivery platform that partners with retailers to fulfill orders in as little as an hour. Instacart leverages AI algorithms to optimize delivery routes and enhance the efficiency of its operations.

Impossible Foods: A pioneer in plant-based meat alternatives, Impossible Foods has disrupted the traditional meat industry by offering environmentally friendly and cruelty-free products. The

company's innovative distribution strategy has played a crucial role in its rapid growth and market penetration.

Conclusion:

The session provided valuable insights into the evolving landscape of food distribution and the pivotal role of startups in driving innovation. By embracing technology, sustainability, and collaborative partnerships, startups have the potential to revolutionize the way food is sourced, distributed, and consumed. Vignesh's expertise and real-world examples offered attendees actionable strategies to navigate the challenges and opportunities in this dynamic industry.



Coimbatore Institute of Technology, Coimbatore.

Department of Artificial Intelligence and Data Science.

The placement hour of 18.11.2022 was planned for a Tech Talk on Robotics and Artificial intelligence and the speaker of the event was Rubesh Thirumani (Co-founder of Roboto AI Technologies) and professor of PSG College of technology Dr .Sakthi Vignesh.

Our head of the Department Dr.Valliappan Raman welcomed the chief guest by memento and gave a short address .

He was very energetic and he brilliantly explained the content related to Robotics and artificial intelligence. He explained about the real world projects they were working on and he enlightened students how to work on projects , and how to study .And his experiences in internship and work.

Professor Dr .Sakthi Vignesh shared about his self driving car projects and the students worked with him followed by the interaction with students .

Finally our Head of the department gave the vote of thanks.

Snaps on tech talk :





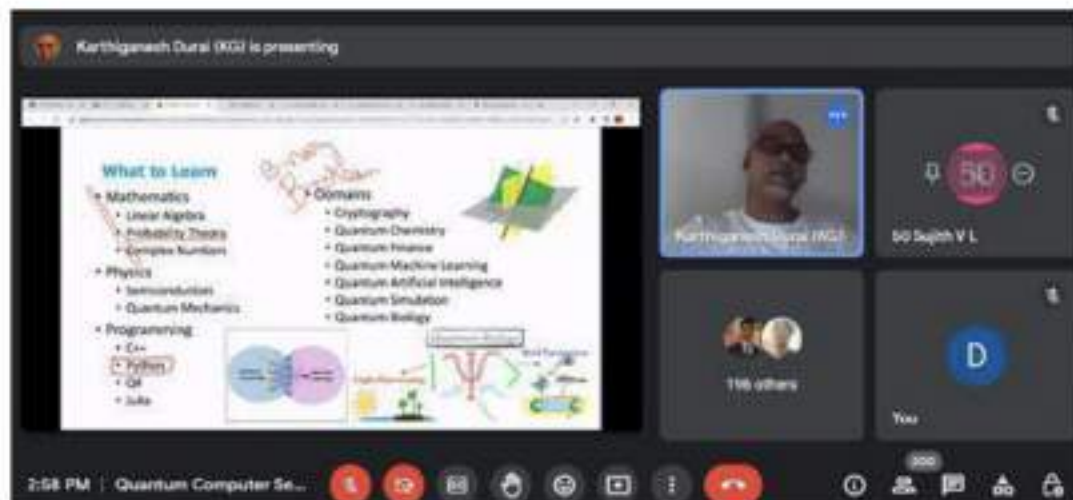
QUANTUM COMPUTER SENSITIZATION

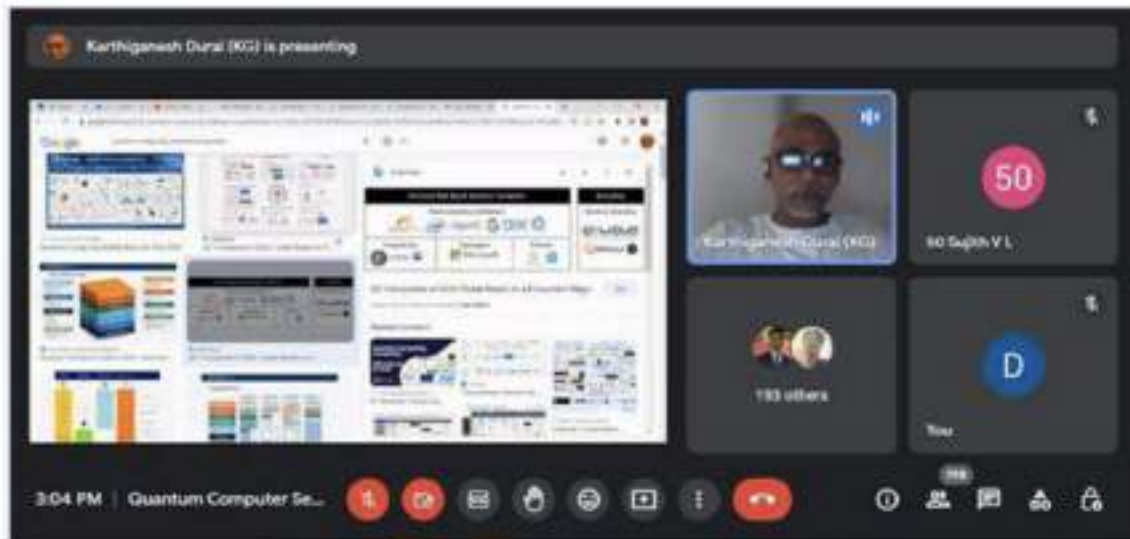
The Department of Computing and Industry Institute Partnership Cell jointly organized a workshop on "Quantum Computer Sensitization" on March 6, 2023 from 2 PM to 4 PM through online mode. Resource person of the session was Mr. Karthi Ganesh Durai, Chief Quantum Architect from BosonQ Psi, India.

The session was open to all second year students of M.Sc., Software Systems, Data Science, Decision and Computing Sciences, Artificial Intelligence and Machine Learning.

Speaker discussed about the following topics

1. Timeline of Quantum computing - small history
2. Architecture of quantum computers - telling about cryogenic isolators - (-273 C) - because of superconducting materials used by quantum computers.
3. Qubit - Explain - (Single electron Transistor) - superposition($(|0\rangle+|1\rangle)/\text{root of } 2$)
4. Quantum behaviour - Superposition, Interference, Entanglement
5. Schrodinger's cat - to explain superposition.
6. Quantum Computing career
7. What to learn, How to learn
8. Application of QC - Communication, Simulation, Optimization, Financial, Chemistry, Logistics, Machine Learning
9. Composing a Quantum circuit building
10. Quantum programming helps us to decide which gate to use and when?
11. Example H gate
12. Support Vector machine - quantum support vector machine





<https://drive.google.com/drive/folders/1DbeUyWHK0PBr4eoQPm4o22tnvart> RU8

COIMBATORE INSTITUTE OF TECHNOLOGY

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Institutions Innovations Council

DEPARTMENT OF COMPUTING

“A REPORT OF AN WORKSHOP ON DESIGN THINKING, CRITICAL THINKING AND INNOVATIVE DESIGN”

Program/Activity Name: Workshop on Design Thinking, Critical Thinking and Innovation Design

Date & Duration (Days): 24/02/2023

External Participants, If any: Nil

Student Participants: 171

Faculty Participants: 10

Expenditure Amount, If any : Nil

RESOURCE PERSON: Dr. M. Senthil, Prof. & Head, Dept. of Management Studies, CIT.

OBJECTIVE:

The main objective of the workshop on Design Thinking, Critical Thinking and Innovation Design is to inculcate students about the importance of Design Thinking. Further the workshop also aimed at helping students to understand how Critical thinking and Innovation can help them to implement the Design Thinking in a Project.

Benefit in terms of Learning/Skill/Knowledge Obtained:

The Speaker demonstrated the topics Design Thinking, Critical Thinking and Innovative Design part-by-part illustrating with his life experience and creative videos & memes.

Under the topic Design Thinking the speaker pointed out how marketing plays a major role in the world around us and stressed the importance of empathy in design thinking. In Critical Thinking, he took us over the cycle of problem solving and implementation. He shared his experience in Sriharikota to elaborate the importance of ideation. He also

introduced us to the term “Thought Leaders”. In the final part of Innovative Design, he came up with real-world examples and interpreted how these designs made an impact around the globe. He quoted examples back from Kallanai, Thanjavur Brihadeeswara temple to the modern era UberEats.

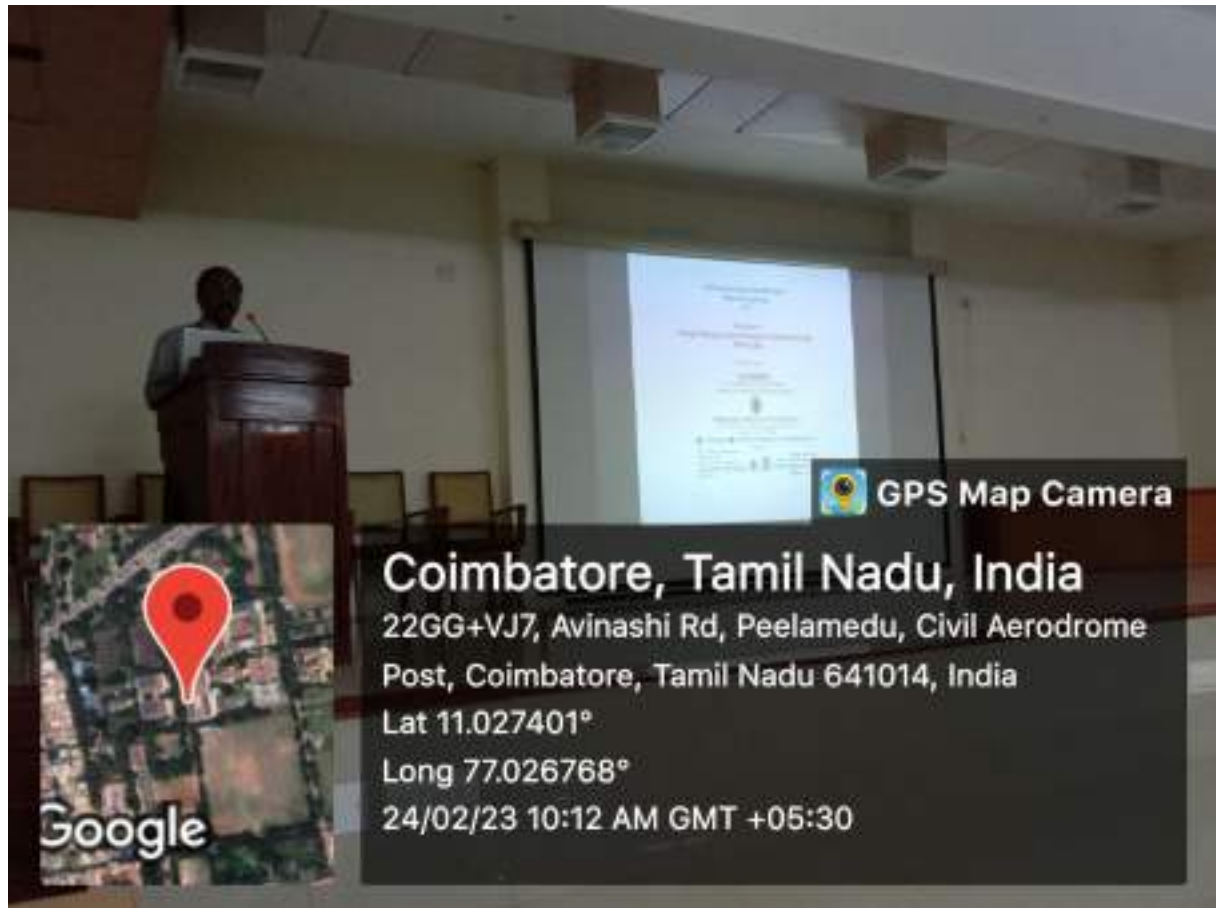
The Real Time examples and videos made the participants think on how Design Thinking can be done in Realistic Scenario. The learning has further extended to the importance of Critical thinking and Innovation in Design thinking.

Invite:



Workshop Photos:





Video Link:

https://drive.google.com/file/d/1Qc63JB694oUu3CIs3V8zI-ui2QcT_Q8I/view?ts=63fb7bcd

Coimbatore Institute of Technology, COIMBATORE-14

CGC-CLAP CELL OF CIT

Course on AI for Assistive Technology

Duration : 5 Saturdays from 13.08.2022

Report

PRE-REQUISITE WEBINAR- DEEP LEARNING COURSE

A webinar on “**Deep Learning**” was held on 13.08.2022 between 11.30 AM to 02.00 PM through the Google Meet Platform. To deliver the valuable content on Deep Learning, we had **Mr.Vishnu Karthiklu, ML Lead, QPiCloud, Bangalore as Resource Person**. The speaker started the session by providing insight on the basics of Machine Learning and its types like Regression, Classification etc. He also explained how the Residual Gradient Descent optimization algorithm is used to train machine learning models. The key topics discussed by him were Deep Learning, Convolutional Neural Networks and its layers. Furthermore, the students learned about various architectures of CNN like AlexNet, GoogleNet, VGGNet etc. The webinar had 57 registrations and 45 participants from various departments of the college.

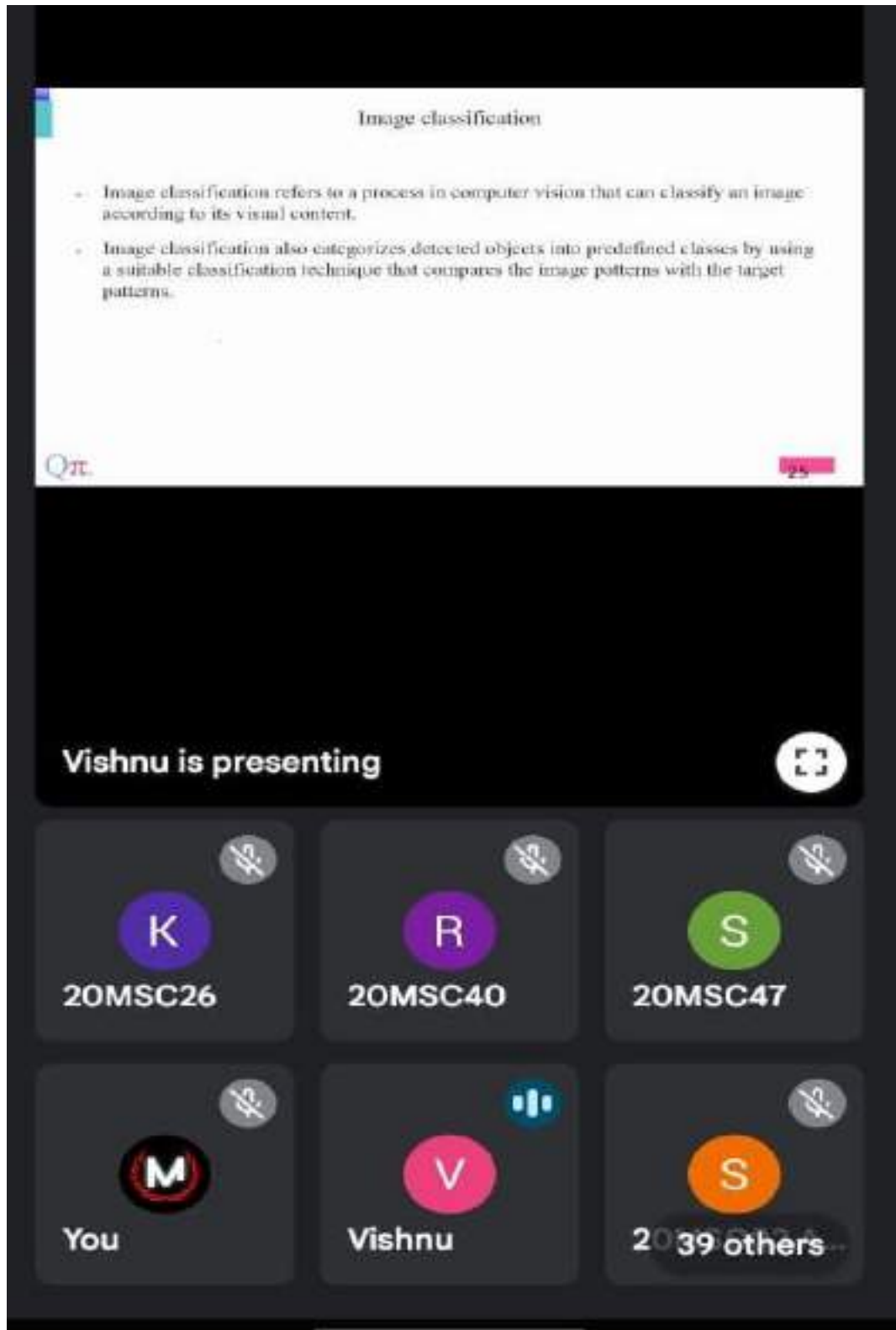
Google Meet Link: <https://meet.google.com/bxd-xekk-hsz?pli=1>

Feedback Form Link:

<https://docs.google.com/forms/d/1sUTdivAcATFCCSAU4n2Np0xweUXudUYu1h7nfcBTq48/edit?ts=630308e2>



Screenshots of the Session:



Shaw

ResNet

- Residual Network (ResNet) is a Convolutional Neural Network (CNN) architecture which was designed to enable hundreds of convolutional layers.
- While previous CNN architectures had a drop off in the effectiveness of additional layers, ResNet can add a large number of layers with strong performance.

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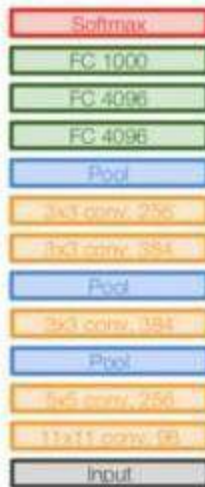
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Vishnu is presenting



Shane

AlexNet Architecture

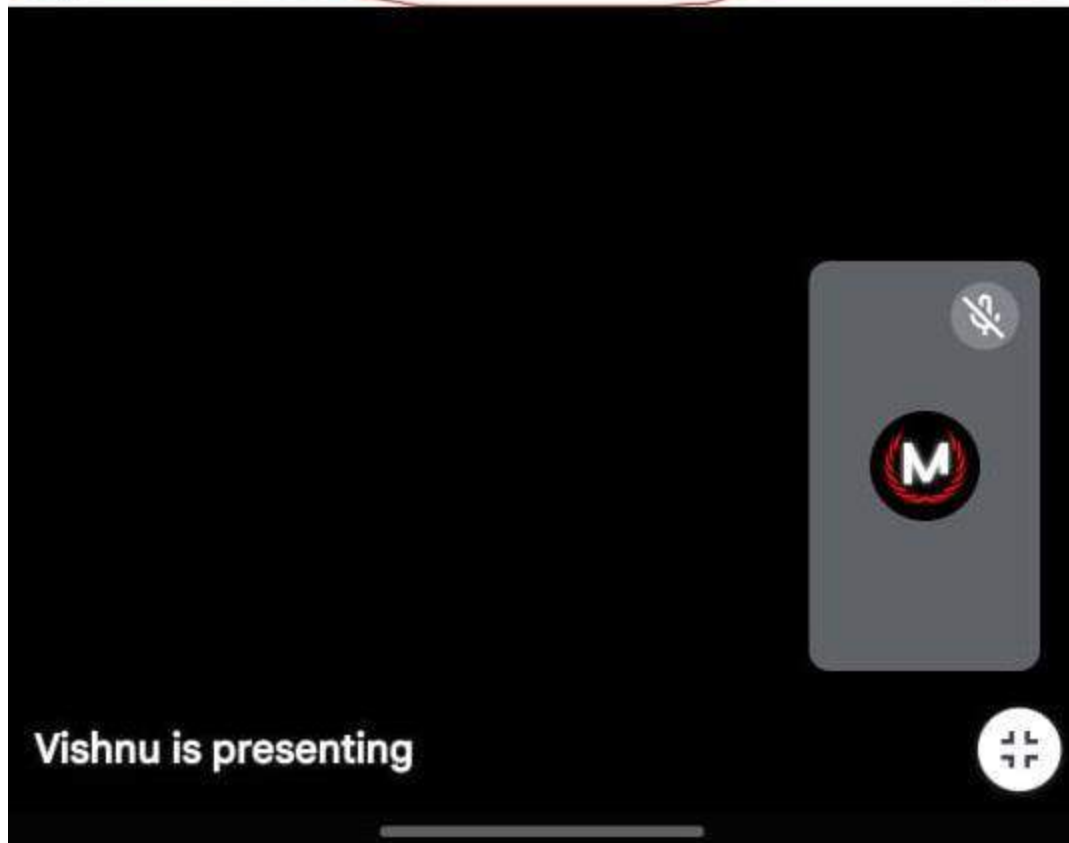
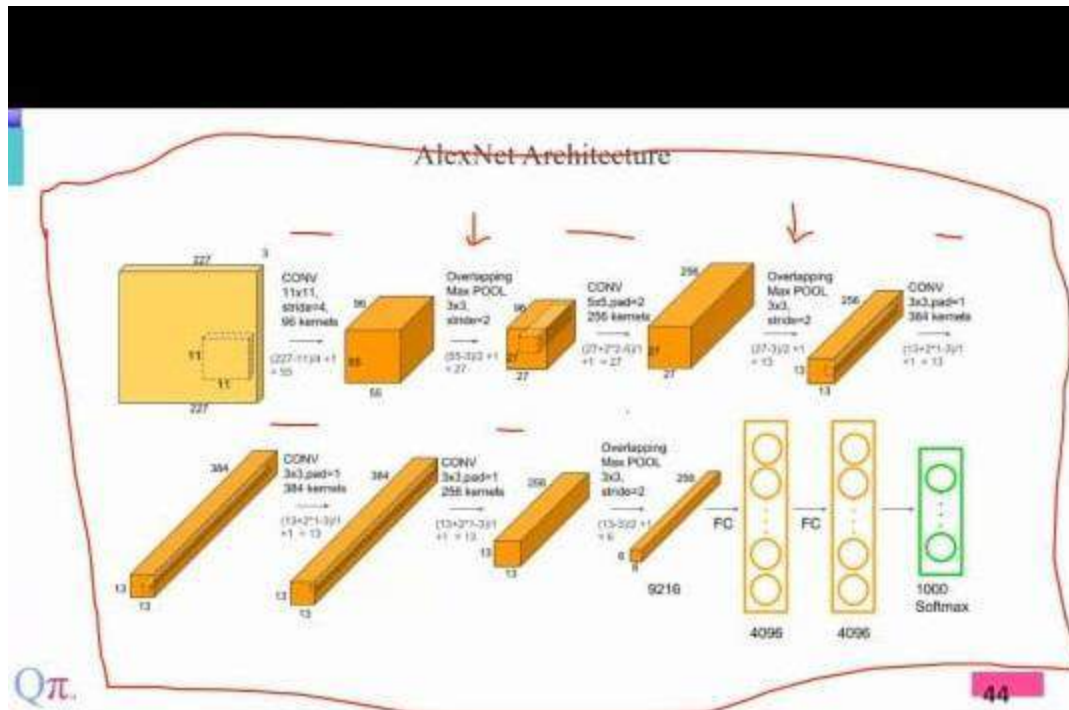


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Vishnu is presenting



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Shaw

GoogLeNet Architecture



Qπ.

48

Vishnu is presenting

Shanu

Comparison between models

- In every VGG architecture, all filters are of size 3×3 which is fixed.
- The idea here is that, two 3×3 filters almost cover the area of what a 5×5 filter would cover and also two 3×3 filters are cheaper than one 5×5
- Since there is very less number of calculations, VGGnet Outperforms other Complex CNN architecture computationally.

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Shaw

AI for Assistive Technology

The course on “**AI for Assistive Technology**” was designed by DeepVisionTech.AI Pvt Ltd. Bangalore and handled by the founder Mr. Jayasudan M and co-founder Mr. Arul Praveen. The course was held for five Saturdays on 20.08.2022, 27/8/2022, 3/9/2022, 10/9/2022 and 24/9/2022 in Room No. 103, Computing block at CIT campus. The detailed day wise report is as follows.

DAY 1: 20/8/2022

The course was inaugurated in the presence of Mr. Jayasudan M, Mr. Arul Praveen and Dr.Valliappan Raman, H.o.D, B.Tech. AI & DS. Introduction about AI and the need for AI in assistive technology was given by Mr.Jayasudan M. He gave a brief explanation on the project “Model to identify whether a person is signing or not”, dataset creation and pre-processing. It was followed by Mr. Arul Praveen’s session on dataset creation, augmentation and pre-processing using OpenCV.





Shaw



DAY 2: 27/8/2022

In this session, Mr. Arul Praveen explained about Deep Learning model training with hyper parameter tuning, performance metrics (accuracy, precision), evaluation (overfitting, underfitting) and validation (tensor board tool for validation), transfer learning with pretrained models and acknowledged with various resources for widening our knowledge in this domain. In the afternoon session, students worked on a model with benchmark datasets provided by the trainer.

DAY 3: 3/9/2022

During this session, students did their model training and evaluation separately and recorded its accuracy and improvised it. An introduction on streamlit was also given. Students were assigned tasks based on detection using absdiff images (no DL model involved) and detection using MediaPipe Pose model in OpenCV.

DAY 4: 10/9/2022

In this session, the trainer gave an introduction to Heroku, and students started the deployment with Streamlit. At the end of this session students created a webpage to detect whether a person is login or sign out from a live stream and its deployment on Heroku.

DAY 5: 24/9/2022

During this session, some of the students took seminars about their model's architecture, then followed by the explanation about Containerization (docker) and its deployment on Cloud.

To conclude, the training was really educational and beneficial to the students community. They had a lot of hands-on practice sessions, which really helped them to grasp the concepts easily.

Valedictory Function

The course concluded with the certificate awarding ceremony on 10.10.2022 at 3 pm in the Seminar hall, IT block. 32 students who registered and attended the classes were given the certificates in the valedictory function. Dr. Valliappan Raman preceded the ceremony by giving the welcome speech. It was followed by special address by Mr. Arul Praveen who enlightened the students with motivational information. He announced three intern awardees who were selected from the group of participants.





Shane

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(CIVIL)

Dr.R.Maheshwari (HUMANITIES)

Assistant Placement officers

Dr. M. Radha (EEE)
Dr. P. Muthusubramanian (ECE)

Placement Secretaries
Shree Krishna (CIVIL)
Bharathi S(ECE)
Roshini Gopalan (COMPUTING)

Date: 08/08/2022

CIRCULAR

It is planned to conduct placement training (coding skills) for Third year Computing V semester students and pre final year MCA third semester students from 12/09/2022 - 17/09/2022 (one week) through offline mode, as given below.

Batch I

Date (6 days)	Time	Department	Number of students
12/09/2022 - 17/09/2022	9.00 am - 5.00 pm	MSc SS	56 students
12/09/2022 - 17/09/2022	9.00 am - 5.00 pm	MSc DCS	38 students
12/09/2022 - 17/09/2022	9.00 am - 5.00 pm	Msc DS	51 students
12/09/2022 - 17/09/2022	9.00 am - 5.00 pm	AI&ML	57 students
12/09/2022 - 17/09/2022	9.00 am - 5.00 pm	MCA	44 students

All the Department Placement Faculty Coordinators are requested to make all arrangements to conduct the offline mode placement - coding training successfully and instruct the students to attend compulsorily. Attendance must be updated in the UMS portal for all the 6 days by the respective faculty.

Rajeswari
Principal

Coimbatore Institute of Technology

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Coimbatore – 641 014

Department of Computing – AI & ML

REPORT FOR PLACEMENT TRAINING (12/09/2022 – 17/09/2022)

CODING USING C LANGUAGE (BASICS)

Placement Training on "Coding Using C Language (Basics)" was organized for the III yr. M.Sc. AI & ML Students by the Placement Cell, Coimbatore Institute of Technology from 12.09.2022 to 17.09.2022. Ms Armadhaa Raj from Byts trained the students on Coding using C Language.

DAY 1: Forenoon session was carried out with an introduction as well as a summary to the placement training classes that will be continuing for other five days. Then started with basic and fundamentals of C programming. Afternoon session was carried out with types of constants and different valid and invalid printf() statements.

DAY 2: Forenoon session continued with datatypes. Afternoon the session was held with conditional clauses where if and if else conditional statements were handled with different tricky problems.

DAY 3: Forenoon the session was continuing with conditional clauses. Different pattern of if – clause questions were covered. Afternoon session was has held with introduction to loops. An introduction to while loop and solved different pattern of examples on while loop.

DAY 4: Forenoon session was held with other two loops for & do-while. Different problem in each of the loops were solved. Afternoon unconditional control flow statements like break, goto, continue and return were covered and few problems under each topics were solved.

DAY 5: Forenoon session started with increment and decrement operators i.e., pre and post increment and pre and post decrement. Solved problems on both of the operator. Afternoon short circuit operators were taught.

- Logical AND
- Logical OR

Armadhaa Raj
22/9/22

- Conditional
- Comma operator and problems were solved on each of these topics.

DAY 6: Morning the session was held with data representation and number system. Some new points to note were given along with some problems. Solved different problems to convert from one system to the other.

- Decimal / Binary / Octal / Hexadecimal
- Signed & Unsigned int
- Signed & Unsigned char
- Short and Long int

In addition to the scheduled session Google interview question based on the loop and if clause were also solved.

On the whole the sessions were very informative and the students had good revision of the concepts that were familiar to us.



P. Ravi
23/9/22



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Dr.A.Rajeswari
Principal

Date: 15/09/2022

Placement Officer
Dr.A.Rajeswari

CIRCULAR

Deputy Placement Officers

Col Jacob G Podipam (Retd)
(CIVIL)

Dr.R.Maheshvari (HUMANITIES)

Placement training (Aptitude skills) for the all the Second year Computing (SS,DCS,DS & AI/ML) (Third semester) students has been scheduled from 28/09/2022 - 01/10/2022 (four days - 24 hours) through offline mode,

Assistant Placement officers

Dr. M. Radha (EEE)
Dr. P. Muthusubramanian (ECE)

The Placement training program is mandatory for all the students. The Department Placement faculty coordinators are requested to instruct the students to attend without fail. Attendance must be updated in the UMS portal for all the four days by the respective faculty.

Placement Secretaries
Shree Krishna (CIVIL)
Bharathi S(ECE)
Roshini Gopalan (COMPUTING)

Rajeswari
15/9/2022
Principal

P. Maheshwari
15/9/2022

Coimbatore Institute of Technology

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Coimbatore - 641 014

Department of Computing – AI & ML

REPORT FOR PLACEMENT TRAINING (28/02/2022 – 01/10/2022)

KNOWLEDGE ON APTITUDE

Placement Training on "Knowledge on Aptitude" was organised for II yr. M.Sc. AI & ML students by the Placement Cell, Coimbatore Institute of Technology, Coimbatore from 28.09.2022 to 01.10.2022. Trainers from Face Prep trained the students on Knowledge on Aptitude.

DAY - 1 (FN)

TRAINER: Mr. Sri Hari

TOPIC: Reading Comprehension

The forenoon session on day 1 started with an introduction to reading comprehension followed by its types and methods to answer effectively.

DAY - 1 (AN)

TRAINER: Mr. Ajith Pandian

TOPIC: Numbers

The afternoon session continued with an introduction to numbers during which students learnt some concepts and techniques to solve several types of problems.

DAY - 2 (FN)

TRAINER: Mr. Abilash

TOPIC: Clock, Calendars, Direction sense and cubes

The forenoon session on day 2 started with an introduction to clocks & calendars and students solved several problems on the same. They also learnt the concepts of coding and decoding.

DAY - 2 (AN)

TRAINER: Mr. Mani

TOPIC: Percentages, SI and CI

The afternoon session continued with the topic "percentage". Students recalled the concepts and formulae to solve the problems on percentage, simple interest & compound interest.

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10/10/22
HOD (1/2)

DAY - 3 (FN)

TRAINER: Mr. Sri Hari

TOPIC: Sentence completion and Para-jumbles

The forenoon session of day 3 started with the concept of "sentence completion". The students were taught some strategies to work on questions with para-jumbles.

DAY - 3 (AN)

TRAINER: Mr. Ajith Pandian

TOPIC: Sentence correction

The afternoon session continued with the topic – sentence correction. The students learnt the concept of subject – verb - agreement and its rules for a precise sentence.

DAY - 4 (FN)

TRAINER: Mr. Mani

TOPIC: Time and Work

The forenoon session on day 4 commenced with the topic– Time and Work. Then the students were exposed to the concepts and formulae on efficiency, pipes & cisterns, equivalence and division of wages. They also solved several problems on the same.

DAY - 4 (AN)

TRAINER: Ms. Kiruthika

TOPIC: Data arrangements and blood relations

The afternoon session started with an introduction to Data arrangements. The students were taught the concepts of linear & circular arrangements, distributions and blood relations.

The entire placement training was very informative and helped the students to recall the concepts that had studied earlier. They also learnt some strategies and short cut techniques to solve a problem in a minimal amount of time.



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HOD (1/1)

Coimbatore Institute of Technology
Department of Computing
Students Induction Programme 2022

The Students Induction Program for the five-year integrated MSc Programmes, Department of Computing, Coimbatore Institute of Technology, was scheduled between 17.10.2022 and 21.10.2022. Following is the schedule of the programme.

Day & Date	9.00-10.30	10.30-11.00	11.00-12.30	12.30-1.55	2.00-4.00
17.10.2022 Monday	Address by Head of the Department and Tutors (9.15) Refreshments (9.45) Inauguration (10.30)	B R E A K	Art of Concentration Shri. Prabath Ranjan Kumar Soda, Scholar, Amrita University	L U N C H	Campus Visit
18.10.2022 Tuesday	Yoga and Meditation for Healthy and Peaceful Life Shri.R.P.Shiva, Uyirmei Suyavazhviyal and Magathuvam Center, Salem		Art of Concentration Shri. Prabath Ranjan Kumar Soda, Scholar, Amrita University		Applied Skills for Success Dr.B.Selvaraj, Psychology Department, Government Arts College, Coimbatore
19.10.2022 Wednesday	Preparedness towards Campus Placements Placement Coordinators, CIT		Art of Concentration Shri. Prabath Ranjan Kumar Soda, Scholar, Amrita University		Awareness Program on Cyber Security and Women Safety Thiru.Arun, Inspector, Cyber Crime
20.10.2022 Thursday	Opportunities in various Clubs Club Secretaries, CIT		Life Skills Dr.P.Shanthi, Professor & Head, Department of Humanities, CIT		Knowledge Resource Dr.M.Manthirasalam, Librarian, CIT
21.10.2022 Friday	Alumni Interaction		Modus Operandi of Online Scams in India Adv. Sathya Narayanan Subramanian, Cyber Crime Advocate, District Court of Coimbatore		Valedictory

Date: 17.10.2022

Time: 9.00AM -11.30AM

Inauguration

The inauguration of the orientation programme for the MSc – 2020 batch was conducted on 17.10.2022 and commenced with a prayer song followed up by the lighting of the lamp by our chief guests and faculties of the department of computing.

Dr. K Sakthimala, Dean, Department of Computing, welcome the gathering formally. She also shared a few words about the department, and its aim about bringing together students from diverse regions to one to grow and excel. Following up, Dr. M. Thirumarimurgan, Administrative Officer, CIT felicitated the gathering with plenty of resources. Next up, Dr. V. Selladurai, Advisor, CIT addressed the gathering.

Dr. S. Suganthi, Head, Department of Data Science, Dr. A. Kannammal, Head, Department of Decision and Computing Sciences, and Dr. J Shana, Head, Department of Artificial intelligence and machine learning, also shared their thoughts and insights with the students.

The Alumni from the department of computing shared their insights on how to be successful and prepare themselves for this competitive world out here.

The students from the department of computing who are currently pursuing their seventh semester internship in various places like the University of Malaysia, Canada, and others shared their insights on how to develop themselves into a capable one in this competitive world.

The inaugural program came to an end with a vote of thanks delivered by Dr. R. Jeyarani, Associate Professor, Department of Software Systems.





Shanu

DEPARTMENT OF COMPUTING

I YEAR M.Sc. 2022 Batch

**STUDENTS
INDUCTION
PROGRAMME**

SESSION 1

TOPIC

Art of Concentration

**OCT
17
2022**

Time : 12:00noon
Venue : CIT Auditorium



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S P E A K E R



Shri. Prabath Ranjan Soda

Amrita University
Coimbatore

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Date: 17.10.2022

Time: 11.00AM -12.30PM

Event: Art of Concentration

- Shri. Prabath Ranjan Kumar Soda, Scholar, Amrita University

The Art of Concentration session was handled by Shri. Prabath Ranjan Kumar Soda. In this session he discussed about what is distraction, classifications of distraction, the root cause for distraction, and also about self-control and self-confidence.

With examples he explained the when our attention gets diverted from the activity, we want to do how we are distracted. How we need to overcome distractions and focus towards our activity was well explained. Finally, he ended up with an important message which states that the ability to keep away from distractions plays a Major Role in deciding our response in the Learning Process and Concentration is attained by Training but Distraction is Natural.



Shri. Prabath Ranjan Kumar Soda



FEEDBACK

Art of concentration session was highly informative and enlightening to young minds. The session occurred for a duration of one hour where Professor Prabath Ranjan taught values and life skills along with some fun filled quiz time. The quiz was very interactive and competitive as there was a leader board on display. Students were encouraged to express their point of views and they were rewarded for active participation. At the end of the lecture, along with good memories, the essence of information and the key to stay focused was rooted in the minds of all participants. -MIDHUNAASHREE S, I year M.Sc(Data Science)

This session was very much informative and interactive. We got some knowledge on how to concentrate and how to avoid distractions and surely, we will get benefited while implementing this one. -RAJKISHORE S, I year M.Sc(Software Systems)

DEPARTMENT OF COMPUTING

I YEAR M.Sc. 2022 Batch

**STUDENTS
INDUCTION
PROGRAMME**

SESSION 2

CAMPUS TOUR

OCT
17
2022

Time : 2:00Pm



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H O S T



SENIOR STUDENTS
TUTORS

SS | DS | DCS | AIML

Shane

Date: 17.10.2022

Time: 02.00PM - 4.00PM

Event: College Visit

A college tour was given to the freshers by the students of the department of computing, so they would get to know about the college environment, where Departments, Library and other Resources are located which gives a sense of adaptability here for the next five years of their journey at the CIT institution.



Shaw



FEEDBACK

Our seniors of the computing department divided the freshers into groups to take us on a campus tour. I was really excited to go on this tour. We started our tour from the auditorium, to the main block where the office and Principal's room is. The trophies shinned bright as we moved on to the computing block through the OAT ground, polytechnic building and the TLC. The TCL caught my breath as we crossed by. The library was advanced with the drop box and numerous books. The location of the labs was informed. The IT block, basketball court, canteen, ground, boy's hostel and girl's hostel's location were shown. The Campus contained the stationery, xerox shop and the most needed dispensary. The parking lots of the campus were spacious. The favourite part of the campus tour of my friends and mine was the greenery of the college. - AVANTHIKA PG, I year M.Sc(software systems)

The campus tour involved our seniors taking us around the cit campus.it enabled us to know the different blocks in our campus, also it enabled us to get valuable insights regarding the course and the experience of our seniors.we were adviced about how to balance studies and other extra curricular activities and about how to prepare for placements. -ANN JERUSHA, I year M.Sc(DCS)

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DEPARTMENT OF COMPUTING

I YEAR M.Sc. 2022 Batch

**STUDENTS
INDUCTION
PROGRAMME**

SESSION 3

TOPIC

**Yoga and Meditation for
Healthy and Peaceful Life**

**OCT
18
2022**

Time : 9:00am
Venue : CIT Auditorium



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S P E A K E R



Shri. R.P. Shiva
Uyirmei Suyavazhviyal and
Mahathuvam Center
Salem

A handwritten signature in blue ink, appearing to read 'Shri. R.P. Shiva' with a stylized flourish at the end.

Date: 18.10.2022

Time: 9.00AM -10.30AM

Event: Yoga and Meditation for Healthy and Peaceful Life

-Shri.R.P.Shiva, Uyirmei Suyavazhviyal and Mahathuvam Center, Salem

"Yoga is when every cell in the body sings the song of the soul." Mr. R.P Shiva has completed his mastery in acupuncture in 2013 and from then, he has dedicated himself in treating people and sharing his knowledge as well. He is a very self-disciplined person and encourages others to do the same. He also conducts online sessions via telegram and shares his insights related to fitness and mental health. Shiva sir delivered a thought-provoking speech about leading an efficient and successful life with Yoga and Meditation.

He reiterated the fact that we need to understand the language of our body and communicate with it, so that our mind and body work in harmony with each other. He went on to explain how our body responds to what our mind believes, through an experiment. All students were asked to open their water bottles, and get a smell of its contents. Holding the bottle on the left hand and closing it using the right palm, students were asked to think of the happiest day in their life, for a minute. After that, when students smelt the water again, they said they felt a sweet smell. The same process was repeated when students were asked to think of the saddest moment in their life. To everyone's surprise, this time the water smelt bitter. Thus, we were able to realise the way our body responds to our thoughts. Shiva sir elaborated on how we can use this fact effectively, and positively, to stay healthy and young. A training on how to control breathing to absorb more oxygen from each breadth was also given. The session was an eye-opener for many.





Show

FEEDBACK

I, personally feel this session useful because it helps to maintain my physical health maintaining a steady breath that helps in keeping away from other problems physically. As R.P.Shiva Sir said, I will do this exercise at least 2 days once, and I feel myself refresh and active that helps in managing my daily tasks efficiently. And also through his speech, he made us understand the importance of physical health in this busy world. I realised that I should spend some time for myself in exercise and breathing exercise. Finally, I learnt about how to meditate and keep my mind and body stable and also healthy. I also feel happy that my friends also found this session useful. I would like to thank the management and the staffs for arranging our orientation meeting in an useful and effective manner. -PRANAV NT, I year M.Sc(Software Systems)

The yoga and meditation session by Shri.R.Pshiva enlightened us regarding the importance of yoga in our life and that we too have powers to control the environment around us. He gave us various tips regarding different pressure points to treat ailments. The activities conducted helped us to reduce our stress and feel relaxed. -DANUSRI, I year M.Sc(DCS)



DEPARTMENT OF COMPUTING

I YEAR M.Sc. 2022 Batch

**STUDENTS
INDUCTION
PROGRAMME**

SESSION 4

TOPIC

Art of Concentration

**OCT
18
2022**

Time : 11.00 am
Venue : CIT Auditorium



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S P E A K E R



Shri. Prabath Ranjan Soda

Amrita University
Coimbatore

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Date: 18.10.2022

Time: 11.00AM -12.30PM

Event: Art of Concentration

-Shri. Prabath Ranjan Kumar Soda, Scholar, Amrita University

The Art of Concentration session was handled by Shri. Prabath Ranjan Kumar Soda. In this session he discussed about what is distraction, classifications of distraction, the root cause for distraction, and also about self-control and self-confidence.

With examples he explained the when our attention gets diverted from the activity, we want to do how we are distracted. How we need to overcome distractions and focus towards our activity was well explained. Finally, he ended up with an important message which states that the ability to keep away from distractions plays a Major Role in deciding our response in the Learning Process and Concentration is attained by Training but Distraction is Natural.



Shri. Prabath Ranjan Kumar Soda



FEEDBACK

The art of concentration session was very interactive and informative. Just as we are starting our college, this topic is of great importance. The examples that we got were from real life situations and so we got to connect and understand the topic better. -ANUSREE, I year M.Sc(AIML)

This session was very helpful to understand that concentration is an art that can be easily mastered. His perspectives and examples were engaging and informative. He guided us to overcome distraction through various techniques. Finally, the quiz he conducted was very nice and enjoyable. Thank you for introducing us to his thoughts. - SARANYA, I year M.Sc(DCS)

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DEPARTMENT OF COMPUTING

I YEAR M.Sc. 2022 Batch

**STUDENTS
INDUCTION
PROGRAMME**

SESSION 5

TOPIC

Applied Skills for Success

**OCT
18
2022**

Time : 2:00pm
Venue : CIT Auditorium



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S P E A K E R



Dr. B. Selvaraj
Psychology Department
Government Arts College
Coimbatore.

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Date: 18.10.2022

Time: 2.00PM -4.00PM

Event: Applied Skills for Success Dr.B.Selvaraj,

-Psychology Department, Government Arts College, Coimbatore

Dr. B. Selvaraj heads the Department of Psychology, Government Arts College, Coimbatore and also a Visiting Professor at Police Training College, Police Recruits School and Amrita Vishwa Vidhyaapeedam University, among others. He has authored four books in tamil language, on various topics of psychology, child welfare and motivation. His materials are followed as text books in a number of programmes under Bharathiar University, Tamil University and Periyar University.

Dr. Selvaraj delivered a motivational speech on skills development for achieving success in the fields of our choice. He discussed how one should have a positive outlook towards oneself and others, and the impact it has on our confidence levels. He highlighted the importance of continuous learning and how we evolve through the learning process. He illustrated how character building happens, with examples of how we communicate across differences to create a collaborative, collegial, and caring community, how we are cooperative, open and welcoming to all types of criticisms, and how we show respect, compassion and empathy for others, even in difficult situations.



Shanu



FEEDBACK

The session was really useful and very interactive too. Sir conveyed many information and moral values with his humour sense. The session was very great as sir kept us all active with his jokes. He also asked the favourite colours of the students and said the characteristics of each colour. Through his session, we gained a lot of knowledge as he conveyed things with real-time examples. We really find the session very helpful. -ANUZ BK, I year M.Sc(Software Systems)

Dr. Selvaraj narrated many useful and informative topics on success. The way he explained our behaviour using colours was very interesting. Sir explained everything with psychological examples, which made us relate to the scenario easily and empathise. - RITHIKA LAKSHMI, I year M.Sc(DCS)

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DEPARTMENT OF COMPUTING

I YEAR M.Sc. 2022 Batch

**STUDENTS
INDUCTION
PROGRAMME**

SESSION 6

TOPIC

**PREPAREDNESS TOWARDS
CAMPUS PLACEMENTS**

**OCT
19
2022**

Time : 9:00 am
Venue : CIT Auditorium



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S P E A K E R S



**PLACEMENT
COORDINATORS**
SS | DS | DCS | AIML

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Date: 19.10.2022

Time: 9.00AM – 10.30AM

Event: Preparedness towards Campus Placements

-Placement Coordinators

Seniors discussed regarding placements and how to land jobs at reputable organizations. They also discussed about the various placement and internship processes. They also gave tips about the projects we should mention in our resume for both internships and placements. Seniors from all four programmes offered guidance and details on placements and internships.



Shane



FEEDBACK

This session was a great interactive and communicable session with seniors and passed out's of CIT. They gave a detail view about placements and internships. The passed out's were very humble and kind to clear all our doubts and gave us ideas to cope up with studies and club activities. We are introduced to the various clubs of CIT which were really awesome. The zoom meet with seniors who are in their internships was informative. The placement package details were clearly explained with ppt's, made us to know difference about dream and non-dream companies. We really had one week of productive orientation program and had great fun. - KEERTHIKA A, I year M.Sc(Software Systems)

This session helps us to know about the campus percentage and offers from the various companies. It is very useful to connect with the seniors as well as placement coordinators. And our placement coordinators are so interactive and help us to overcome our fear. -HARINEE R KUMAR, I year M.Sc(Data Science)

DEPARTMENT OF COMPUTING

I YEAR M.Sc. 2022 Batch

**STUDENTS
INDUCTION
PROGRAMME**

SESSION 7

TOPIC

Art of Concentration

**OCT
19
2022**

Time : 11:00 am
Venue : CIT Auditorium



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S P E A K E R



Shri. Prabath Ranjan Soda

Amrita University
Coimbatore

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Date: 19.10.2022

Time: 11.00AM – 12.30PM

Event: Art of Concentration

Shri. Prabath Ranjan Kumar Soda, Scholar, Amrita University

Managing this session was Shri Prabath Ranjan Soda. He provided numerous suggestions for improving concentration. He discussed how the mind functions. He discussed many kleshas (Adhibhautika, Adhidaivika , Adhyatmika). Klesha signifies commotion. He recounted a lot of fascinating tales. He closed with a game that included questions from the entire session, and the audience was really engaged.



Shane



FEEDBACK

The art of concentration session in the orientation gave us a deeper insight on personality development. Mr.Prabath taught us how to form good habits. His lecture on how the body and mind work was an eye opener. "Distraction is a choice" is what stays on my mind even now.

-VISALI D, I year M.Sc(AIML)

This session was an eye opener for us. The importance of concentration and how distraction leads to failure were discussed by him with lots of examples. Really it was a very good and informative session. -VEDHA PRIYA, I year M.Sc(Data Science)

DEPARTMENT OF COMPUTING

I YEAR M.Sc. 2022 Batch

**STUDENTS
INDUCTION
PROGRAMME**

SESSION 8

TOPIC
**Cyber Security and
Women Safety**

**OCT
19
2022**

Time : 2:00 pm
Venue : CIT Auditorium



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S P E A K E R



Thiru. P.A. Arun
Inspector of Police
Cyber Crime Police Station
Coimbatore.

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Date: 19.10.2022

Time: 2.00PM -4.00PM

Event: Awareness Program on Cyber Security and Women Safety

Thiru.Arun, Inspector, Cyber Crime

He discussed online thefts, cybercrimes, public awareness of them, and people's knowledge of them. He also provided personal anecdotes and advice on how to stay safe online. He also discussed internet fraud and online morphing with us. his opinions on bogus web pages and links, as well as why individuals are reluctant to report cybercrimes. He also spoke on women's safety, noting that both men and women are equally impacted.



Shanu



FEEDBACK

The session conducted by Inspector Arun was very informative and amazing. The cyber crime investigation of financial frauds, calls, email spoofing, whatsapp, facebook and Instagram security etc was very in-depth and gave a clear idea of procedure to be followed. The session by Arun Sir was very interactive, interesting and useful. We learnt about mobile hacking, cyber security tips and on how to protect data and many more. After hearing his speech, we became very much aware on cyber safety. – NIVETHA BHARATHI, I year M.Sc(Data Science)

In the one week of orientation program, there were a lot of programmes queued in holding. But the one which I felt very useful was the cyber security and women safety program by Inspector Arun. Many useful information was given by him in that program. Many daily life examples and real-life causes were discussed and awareness about the internet world was given by him. He also instructed us to contact cybercrime department anytime if any suspicion was known and to call 1930 also to contact the officers. The session was very useful and interactive. - SANVANTH JR, I year M.Sc(Software Systems)

DEPARTMENT OF COMPUTING

I YEAR M.Sc. 2022 Batch

**STUDENTS
INDUCTION
PROGRAMME**

SESSION 9

TOPIC
**OPPORTUNITIES IN
VARIOUS CLUBS**

**OCT
20
2022**

Time : 9:00 am
Venue : CIT Auditorium



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S P E A K E R S



CLUB SECRETARIES
Coimbatore Institute of Technology
Coimbatore.

Shane

Date: 20.10.2022

Time: 9.00AM -10.30AM

Event: Opportunities in Various Clubs

- Club Secretaries, CIT

In this session, the students were introduced to various clubs in CIT. They were introduced to various clubs like EDC, YRC, NSS, RSP, KKC, literary club, Rotaract club, Mutamizh Mandram, Martial Arts Club, WEC, FOSS Club, Datalytics Club, Dramatix Club, Music Club. EDC club encouraged students to become entrepreneurs and assured that they would help them develop business skills that cater to current market demands and succeed in growing own enterprises. YRC group talked about their history and the social work they have done in the past years. NSS talked about their camps and the service they have done to the community. Kalam Knowledge Club was very interesting and intriguing. The Literature club is a very fun club for the people who love the English language. Datalytics Club introduced themselves to enlighten the knowledge of students in the field of data science. FOSS Club helps the students to learn about open-source software which is slowly taking over the world. WEC encourages women empowerment and gives women a platform to show case their talents . The Martial Arts Club teaches the self-defense which is really important these days. Rotaract club does so many social works and helps the community in a lot of ways. The music club introduced their band 'The fifth harmony'.



Shanu



FEEDBACK ON 20/10/22 SESSION

Getting to know about the existing clubs in the college made us excited and develop our interests and gain more knowledge in it. The information shared during the orientation was very insightful and informative. We would like to thank all our senior college mates for their efforts and their time put towards the program. - Armaan Ahmed, I year M.Sc(AIML)

Seniors and Secretary of various clubs introduced about the clubs and its purpose. Some clubs were related to academic and some for cultural and fun. We freshers got clear idea about the clubs and we are interested in joining the clubs. The whole session was interesting and informative. – HARIPRIYA V, I year M.Sc(Data Science)

What I feel is clubs are the places to explore ourselves and to know in which domain we are interested in, so that we could develop our skills, gain knowledge, experience leadership, public speaking etc. With the help of the clubs, we could get along with our like-minded peers and seniors to extend a friendly environment. -SUVETHA, I year M.Sc(AIML)

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DEPARTMENT OF COMPUTING

I YEAR M.Sc. 2022 Batch

**STUDENTS
INDUCTION
PROGRAMME**

SESSION 10

TOPIC
LIFE SKILLS

**OCT
20
2022**

Time : 11:00 am
Venue : CIT Auditorium



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S P E A K E R



Dr. P. Shanthi
Professor & Head
Department of Humanities
Coimbatore Institute of Technology
Coimbatore.

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Date: 20.10.2022

Time: 11.00AM -12.30PM

Event: Life Skills

Dr.P.Shanti, Professor and Head, Department of Humanities, CIT

In this session, Dr. P. Shanti, Professor and Head of Humanities Department taught the students about the essential life skills that they need to achieve success and lead a peaceful life. The first life skill she talked about was self-awareness, the ability to perceive and understand the things that make you who you are as an individual. The next life skill was about effective communication. She taught them to speak in a way that conveys the views effectively. "Choice of words" play an important in this. "Empathy " is the most important life skill. Empathy means the ability to imagine how another person is feeling. She gave us a hypothetical situation of losing a parent. Hypothetically, if someone loses a parent the other person with parent can never understand the pain the person feels. She also taught as to how to cope with stress. Overall, the whole session was interesting and made us question about a lot of things.



Shanti



FEEDBACK ON 20/10/22

We found this session really helpful. One of the most enjoyable and informative sessions we have ever attended. Thank you for organizing and a very special thanks to the management of CIT. We've learned how to enhance my life skills even better and how to make sure we never lag at any life skills in life. -SARVESH, I year M.Sc(AIML)

he session was very gripping It made us very clear about humanity and how to be good in the society The session enriched our knowledge about socializing. -GUGAN, I year M.Sc(DCS)

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DEPARTMENT OF COMPUTING

I YEAR M.Sc. 2022 Batch

**STUDENTS
INDUCTION
PROGRAMME**

SESSION 11

TOPIC
**KNOWLEDGE
RESOURCE**

**OCT
20
2022**

Time : 02:00 pm
Venue : CIT Auditorium



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S P E A K E R



Dr. M. Mandhirasalam
Librarian
Coimbatore Institute of Technology
Coimbatore.

A handwritten signature in blue ink, appearing to read 'Shanu'.

Date: 20.10.2022

Time: 2.00PM -4.00PM

Event: Knowledge Resource

Dr.M.Mandirasalam, Librarian, CIT University

Dr. M. Mandhirasalam, Librarian, CIT provided students with a detailed presentation about the library facilities offered at the Institute. He explained in detail about the layout of the library with a clear and concise explanation about the timings and the rules to be followed. He later expounded about the online open-access (<https://opac.cit.edu.in>) and remote access (<https://idp.cit.edu.in/>) features offered by the library that has a plethora of benefits for the students. He also highlighted about feature where the students can access books and scientific journals via the E-Resources portal. Checking the status of issued books in the library was also fascinating. Dr. Madhirasalam later explained about the various online e-learning platforms that offer certificate courses (such as NPTEL, SWAYAM, coursera, MIT open courseware) and clarified the process for accessing such websites. The lecture was delivered in a precise way that removed the reluctance from the students to access the library resources. Overall, the session was quite detailed, informative and encouraging for all the students.





Shane

FEEDBACK

This session is more informative and we came to know that how much resources we have in our college library and how many additional courses and supports we have from our management side to help us to learn more and be updated to present lifestyle and trends on technology. – RAJ KISHORE S, I year M.Sc(Software Systems)

The session conducted by our librarian Dr. M. Mandhirasalam on 20th October was informative, help full and we were able to know about the facilities available in our college library. We got a good understanding about our library website and the about the NPTEL courses. Looking forward to use our library. -Vinoth Kumar, I year M.Sc(AIML)



DEPARTMENT OF COMPUTING

I YEAR M.Sc. 2022 Batch

**STUDENTS
INDUCTION
PROGRAMME**

SESSION 12

TOPIC
**ALUMNI
INTERACTION**

**OCT
21
2022**

Time : 09:00 am
Venue : CIT Auditorium



COIMBATORE INSTITUTE OF TECHNOLOGY
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Civil Aerodrome Post, Coimbatore - 641014

S P E A K E R S



CIT - M.Sc. ALUMNI

Shanu

Date: 21.10.2022

Time: 9.00AM -10.30AM

Event: Interaction with Alumni

Alumni of Computing Department gave a warm welcome to the freshers and shared their various experience with them. They advised them how to start a new and fresh journey in the department which may have many challenges, milestones, and achievements to be faced. They also explained the way the department helps them to overcome struggles and lead a better life with positivity and good knowledge. They encouraged the freshers to have a good rapport with the seniors and alumni to get guidance for their future career. They also shared their experience they got during placements. They motivate and wish students to learn ethics, social values, sound knowledge in their domain and excel in their future career.



Shane



FEEDBACK

The alumni meet session was informative and interactive. We I year students had lots of doubts regarding the course, placement, extra curricular activities like clubs and many more. We were able to clarify lots of our doubts. The seniors who came to help us told and answered our questions which were very helpful. -DHIVYA KP, I year M.Sc(Data Science)

This session was quite good. Alumni gave us a lot of information about academic courses and the placement process. Also they share with us about the preparation to be done for various companies and additional certifications to be taken for our better career. Really we had a very good discussion with our alumni. - RAM, I year M.Sc(Data Science)

DEPARTMENT OF COMPUTING

I YEAR M.Sc. 2022 Batch

**STUDENTS
INDUCTION
PROGRAMME**

SESSION 13

TOPIC

**Modus Operandi of
Online Scams in India**

**OCT
21
2022**

Time : 11:00 am
Venue : CIT Auditorium



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S P E A K E R

**Adv. SATHYANARAYANAN
SUBRAMANIAN**

Cyber Crime Advocate
High Court of Madras
Dist. Court of Coimbatore

A handwritten signature in blue ink, appearing to read 'Shanu'.

Date: 20.10.2022

Time: 11.00AM -12.30PM

Event: Modus Operandi of Online Scams in India

Adv. Sathya Narayanan Subramanian, Cyber Crime Advocate, District Court of Coimbatore

The forenoon session on Cyber Security was conducted by Mr. Sathya Narayanan Subramanian., M.C.A., LL.B., Cyber Crime Advocate – High Court of Madras & Dist. Court of Coimbatore. The program was very fun-filled, informative and interesting. He gave internet safety tips and taught how to be safe in this cyber world. He shared his case experience about in Cyber bullying, Blackmailing, Online theft. He taught how to keep the passwords safe. He explained the students about internet scams and hackers and their methods to hack our devices. He pointed out various fake “links” that provides offers and benefits but on the whole they are just a scam. He concluded the session by giving many suggestions on how to keep out data safe and be safe in the cyber world.



Shaw



FEEDBACK

The session was very informative which made me aware of cyber security issues. It also gave me knowledge about safety measures that are to be carried out in the cyber world. - SARAN P, I year M.Sc(Decision and Computing Sciences)

The session was informative. It gave us an awareness about cyber crime happening around us. And he taught us how to be more cautious in dealing with electronic gadgets and protecting our data. He also shared with us various incidents of cyber crime cases and made us realise how the smallest carelessness could end us up as victims of cyber crime. - SUDHIKSHAA R, I year M.Sc(AIML)

Date: 21.10.2022

Time: 2.00PM - 3.30PM

Event: Valedictory

The one week Students Induction Programme for the M.Sc 2022 Batch was successfully completed and a vote of thanks was given by Dr. R.Jeyarani, Associate Professor, Department of Computing, CIT.



Shaw

COIMBATORE INSTITUTE OF TECHNOLOGY
Department of Artificial Intelligence and Machine Learning
Student Webinar on
THE WHACK HACK

Date	: 15/02/2023.
Mode	: Online.
Platform	: Google meet.
No.of participants	: 40+
Presented by	: Mr. Dhinesh Sunder.
Meet link	: https://meet.google.com/pyv-yanx-yzk



Description:

“The Whack hack” was the first event for GDSC, CIT. This was an exciting event focused on programming and internship tips. This event was packed with engaging activities including a practical hackathon, DSA and SQL questions, a mix of both, and a live coding round tips. To ensure fairness and authenticity, keystroke logs will be recorded, and the event will be proctored to discourage code copying. All questions are designed to assess your logical thinking, and an open book policy is in place. We value effort over perfection, and optimization comes at the end. Expect challenging questions that may require indirect approaches to solve, with emphasis on time-limit optimization and passing test cases. Can you rise to the challenge and make at least half the test cases pass?

Minutes of the meeting

- ❖ Participants have the freedom to choose their preferred programming language and platform for the hackathon practical, DSA questions, SQL questions, and live coding round.
- ❖ Off-campus internships require strong skills and meeting specific role requirements, while expressing a willingness to learn and adapt.
- ❖ The hackathon practical will consist of DSA questions, SQL questions, a combination of both, and a live coding round.
- ❖ Keystroke logs will be recorded, and the event will be proctored to prevent code copying.
- ❖ All participants will receive randomly generated questions, and an open book format will be followed.

D. Kavitha

-



D. Kavitha



COIMBATORE INSTITUTE OF TECHNOLOGY
COIMBATORE-641 014.

(Government Aided Autonomous Institution)

DEPARTMENT OF COMPUTING (AI & ML)

Academic Year : 2022-2023

Date : 17/03/2023

Report on Webinar on Explainable AI held on 17-03-2023

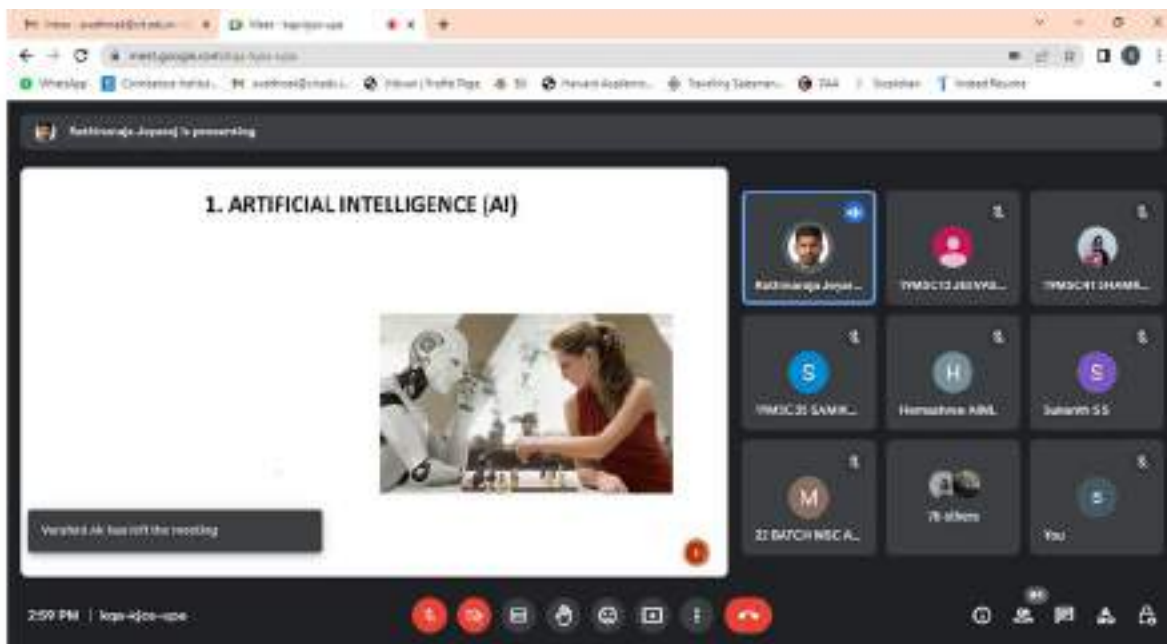
The Department of Computing organized a webinar on the Topic “Explainable AI ” on 17th March, 2023 from 3.00 pm to 4:40 pm. The webinar was started with the gratitude to the management and Principal followed by a prayer song. Ms. Samiksha, IV year, M.Sc. (AIML) delivered welcome address by welcoming the resource person Mr. Rathinaraja Jeyaraj, post-doctoral researcher in the School of Computer Science and Engineering, Kyungpook National University, South Korea. Dr.K.Sakthi Mala, Professor and Dean of Department of Computing, Dr.J.Shana, Associate Professor and Head, Department of Computing (AI & ML) and Mrs.Hemashree and Dr.K.Swathine, Assistant Professor, Department of Computing (AI & ML) introduced the resource person.

The speaker addressed the participants about Explainable AI, objectives of XAI, its stages, post hoc analysis, comparative study on XAI, interpretable AI, transparent AI, local vs global explanation, classification based on operating style and counterfactuals. At the end, feedback was collected and ended with the vote of thanks by Mr Sanjay Krishna IV year, M.Sc. (AIML) .

Around 80 students participated and got benefitted. The feedback was good, most of the topics were clear and useful, nice session, it was more productive, It was a very informative and useful webinar. Everything is fine, the session was interesting and informative, very informative session and the content was delivered clearly.

Gmeet link : <https://meet.google.com/kqa-kjos-upa>

A handwritten signature in blue ink, appearing to be "Shana", with a horizontal line underneath.



Shane

Rathinraj Jayaraj is presenting

3:12 PM | laptop-1024

Rathinraj Jayaraj is presenting

7. EXPLAINABLE AI VS INTERPRETABLE AI VS TRANSPARENT AI

3:41 PM | laptop-1024

Rathinraj Jayaraj is presenting

3:54 PM | laptop-1024

Shaw

COIMBATORE INSTITUTE OF TECHNOLOGY
Department of Artificial Intelligence and Machine Learning
Tech Talk on

Emerging Threats in Cybersecurity: Staying Ahead of the Curve

Date	: April 28, 2023
Mode	: Online.
Platform	: Google meet.
No.of participants	: 30+
Presented by	: Siranjevi GV , Google VPR Analyst



Description:

This event was conducted for students belonging to different academic years. It highlights the importance of being proactive in identifying and addressing new and evolving cybersecurity threats in order to protect individuals and organizations from data breaches and other cyberattacks. To stay ahead of these threats, cybersecurity professionals need to constantly update their skills and knowledge, implement best practices for security, and collaborate with others in the field to share information and resources. Let's get into the details of the event, including the number of participants and minutes of meeting

"Security is always going to be a cat and mouse game because there'll be people out there that are hunting for vulnerabilities. And we're always going to have to be on our toes in order to make sure that we're staying one step ahead of them". The participants were asked to join in the Google meet by 4.50 pm. By 5.00 pm the meeting was started, around 30 participants were

D. Kavitha

attended the meeting. The session was takeover by “Siranjevi GV – Google VPR Analyst & OWASP Coimbatore Chapter Lead”.The meeting was ended at 6.00 pm. The event was a resounding success in bringing together expert in the field to discuss the latest trends and strategies for protecting individuals and organizations from cyber threats. The event provided a platform for attendees to share knowledge. The discussions covered a wide range of topics, including emerging threats in cybersecurity, the importance of proactive security measures, the role of technology in cybersecurity.

Minutes of meeting:

5.00 - 5.15 - Introduction

5.15 - 5.20 -

- Prevention of hacking
- Sandbox -virtual device to check the sites
- Secure edge node -product of zymbit - Hardware protected system
- Raspberry pi- portable mini computer

5.20 - 5.30 -

- Threats in cybersecurity
- Explained common threats like DOS
- Cybersecurity explanation
- Prevention of system

5.30 - 5.40 -

- Cybercrime
- 12,500 crimes in state
- Any Desk software
- Sdk secure coding for Android
- Zero day attack - Wannacry ransom attack
- Buffer overflow

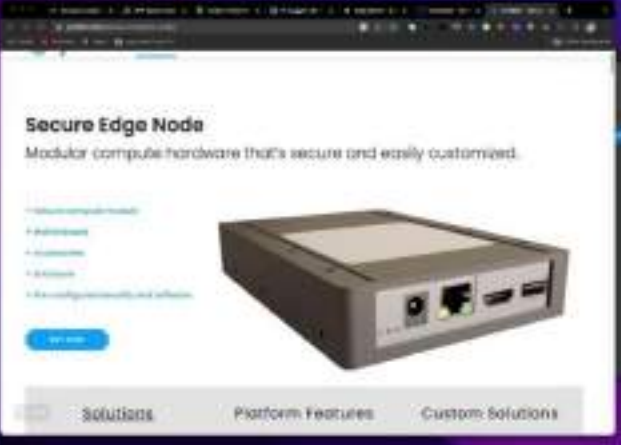
5.40 - 6.00 -

- Cybersecurity 3 rule
- “Confidentiality, Integrity, and Availability” principles
- Work of CIA

D. Kavitha

Shraddha Krishna is presenting

Press **esc** to exit full screen



Secure Edge Node
Modular compute hardware that's secure and easily customized.

- Edge computing hardware
- Hardware
- Software
- Security and privacy

[Get info](#)

Solutions Platform Features Custom Solutions

5:20 PM | aka-rish-90d

12 others

12 others

Shraddha Krishna is presenting

Press **esc** to exit full screen

Cyber Crime

- Cyber crimes are, as the name implies, crimes committed using computers, phones or the internet.
- Some types of cyber crime include:
 - Illegal interception of data.
 - System interferences.
 - Copyrights infringements.
 - Sale of illegal items.

5:27 PM | aka-rish-90d

12 others

12 others

D. Kavitha



COIMBATORE INSTITUTE OF TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY
ASSOCIATION OF INFORMATION TECHNOLOGY – DECODE



SUMMARY OF EVENTS

2022 – 2023

Date	Name of the event
12.08.2022	Challenges and Opportunities for Information Technology Industry
24.08.2022	Study Opportunity for Information Technology in International University
02.09.2022	Introduction to Internet of Things
14.09.2022	Data Analytics: An Insight
21.09.2022	3D Game Development
02.11.2022	Life skills for Blissful Life: Social Connectedness and Inspiration
25.01.2023	Opportunities After Engineering Through GATE
15.02.2023	Design Thinking, Creative Thinking and Innovative Design

THE CHALLENGES AND OPPORTUNITIES FOR INFORMATION TECHNOLOGY INDUSTRY TODAY

DATE: 12.08.2022

SESSION DURATION: 2:00 pm to 3:30 pm

RESOURCE PERSON: Sathishkumar Ganesan



Our college in assistance with the association of IT had conducted a session for the B.Tech Information Technology students of third year to provide knowledge about “The Challenges and Opportunities for Information Technology Industry today”. The session started was held in the CIT main block conference hall. There was enthusiastic participation by the students and the session was a very interactive one.

The session commenced with a welcome address and then Dr.N.K.Karthikeyan sir the HOD of IT department shared a few of his views about the topic and about placements for IT sector. Then, the speaker Sathishkumar Ganesan, took over the session. He spoke about a lot of opportunities and the challenges that are placed

by the IT Sector. Adding on he is also a proud alumni of CIT CSE 2003 batch, because of which the students could relate well to the subjects and his thoughts what he was about to share.

He also spoke about the various choices a student can make after completing the degree and how everyone has an opportunity to shine in their own way.

His speech was very informative and the student's got awareness about the dark sides as well as the opportunities in IT field. Sir was patient enough to answer all the queries of the students.

Then the association coordinator Dr.N.Anitha Devi presented a memento to the speaker as a token of respect and gratitude.

The session ended with a few questions and finally a vote of thanks.



STUDY OPPORTUNITY FOR INFORMATION TECHNOLOGY IN INTERNATIONAL UNIVERSITY

DATE: 24.08.2022

SESSION DURATION: 2:00 PM to 3:30 PM

RESOURCE PERSON: Ms.Nagalakshmi, Career zone Pvt ltd, Coimbatore



 *Coimbatore Institute of Technology (CIT) is a government-aided autonomous engineering college located in Coimbatore, Tamilnadu, India. It was founded in 1956 by V. Nageswamy Naidu Educational Trust. It is affiliated to Anna University.*

**Study opportunity for
Information technology in
International University.**

**24th aug 2022 Wednesday
02.30pm -3.30PM**

SPEAKER


**MRS.NAGALAKSHMI
VP ACADEMICS**

**COLLEGE
COIMBATORE INSTITUTE OF
TECHNOLOGY
DEPARTMENT
INFORMATION TECHNOLOGY**

Facilitated by

CAREER ZONE
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The Department of Information Technology, organized a session for the students of third year and fourth years who are interested to study abroad. The session was

conducted by Mrs. Nagalakshmi, who is a professional trainer for GRE, TOEFL, IELTS and other examinations. She has personally trained over 70,000 students. She assists students from training till admission and visa for all the countries. We were very lucky to have such an interesting and interactive session with her.

The session was about “Study opportunity for Information Technology in International University”. She started off the session by asking how many of the students wanted to study abroad, and what exams were they preparing. She suggested on where students have to concentrate. She told us to give preference to the country rather than the college rankings. The main objective of studying abroad is for the exposure. The Key takeaway from the session was to firstly know which degree we wanted to study in, then decide the country, only after that decide the college and start applying and preparing for the necessary exams. She also told us about the required recommendation letters from professors and to maintain a CGPA of at least 7 and above. She also told us about one year courses offered by universities for students who wanted to settle abroad. She then gave us her contact information, for personal counselling and training.

The event then ended with a vote of thanks.

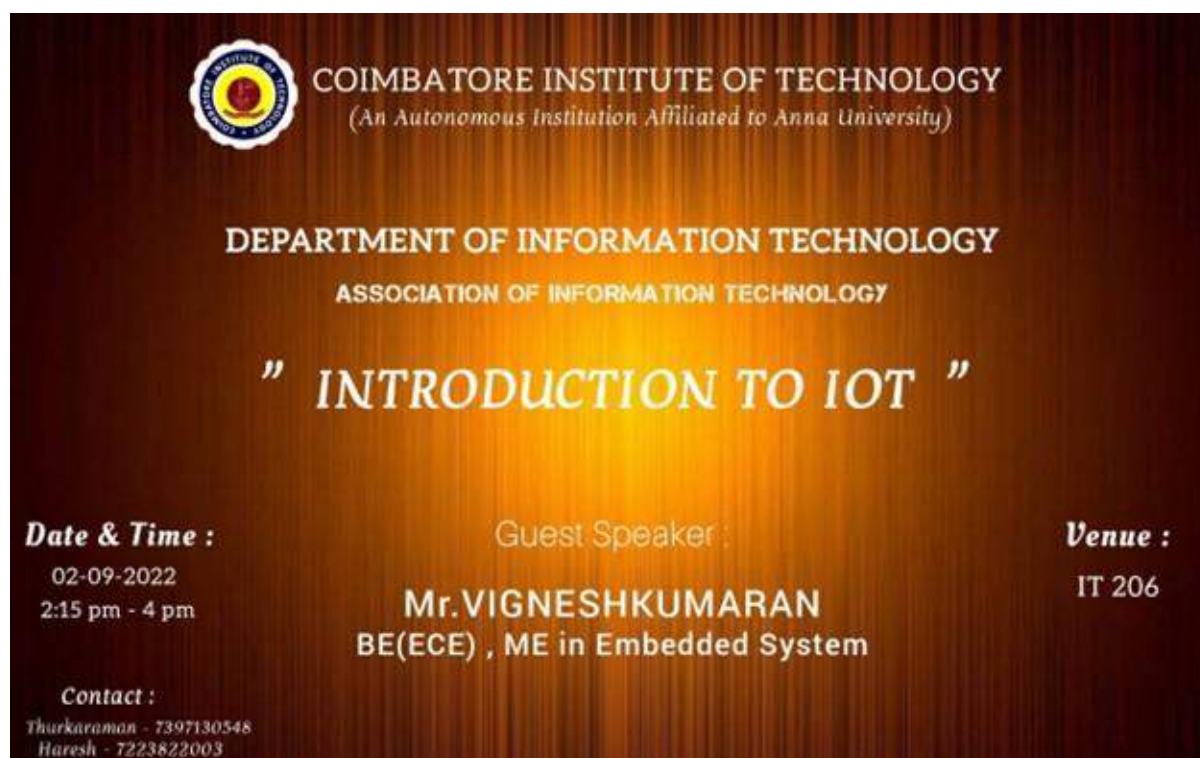


INTRODUCTION TO IOT

DATE: 02.09.2022

TIME: 2:00 pm to 3:30 pm

RESOURCE PERSON: Mr.Vigneshkumaran, Pantech E-Learning



On this day our college in accordance with the association of IT had organized a session on "Introduction to IOT". The session started with a welcome address and it has been a very useful and very informative one.

The session was taken over by the speaker, Mr.Vigneshkumaran from Pantech E learning.

The session went on well with a lot of interaction between the students and the speaker. He was well versed in the field of IOT and he had headed over many sessions.

Sir was patient enough to answer all our queries and also, he shared a lot of his knowledge about the field. He is also capable in the areas of computer vision, machine learning, deep learning and artificial intelligence. Adding on he has hands on experience with Internet of things framework such as MQTT and Azure-IoT, constrained devices such as raspberry pi and arduino. He has done his major projects and published paper on low power efficient ALU using reversible logic.

Then finally the session concluded with a vote of thanks and feedback from the students about the session was collected.



DATA ANALYTICS: AN INSIGHT

DATE:10.09.2020

TIME: 2.30 P.M - 3.30 P.M

RESOURCE PERSON: Mr. Prakash Palanisamy, Director, AI & Cognitive,
Deloitte Touche Tohmatsu



On this day our college in accordance with the association of IT had organized a session on "Data Analytics: An Insight". The session started with a welcome address. The session was taken over by the speaker, Prakash Palanisamy from Deloitte Touche tohmatsu India LLP. He works with some of the world's largest Blue-chip companies. The session went on well with a lot of interaction with the students in which he told us about the current trends in the domain of data analytics and also shared his experiences from the company. He told us the importance of being creative and also gave us examples. He also gave us advices and tips to crack placements. He told us about what companies expect from their

candidates. He was also patient enough to answer all our queries. Then finally the session concluded with a vote of thanks.



3D GAME DEVELOPMENT

DATE:21.09.2022

TIME: 2.30 P.M - 3.30 P.M

RESOURCE PERSON: Ms. Keerthana Murugesan, Managing Director

Let's GameTech



The Department of Information Technology, organized a session for the students of third years who are interested in game development. This session was conducted by Ms. Keerthana Murugesan. Keerthana Mrugesan is the Managing Director of Let's GameTech. She has three and a half years of experience in the field of IT. In 2018 she was working as an Android Developer in KitKat software technologies. Then she started working in ICAT as a Game developer for more than a year. She trained students and helped them participate and win in the Indian Game developer conference, held in Hyderabad 2019. She has published

a journal on Internet of things in the international conference and has also published a Game called "Miniscule" in IGDC in the same year. She started 'Let's GameTech' in 2018 and has conducted more than 20 workshops and webinars on Game Development in different colleges. She has trained more than 85 Engineering graduates and helped them get placed in a good company. The session was about "Game Development using Unity Software." She started off the session by asking us to install Unity Software in our laptops. She showed us various predefined data models as they are easier to use for beginners. Finally, she created a small animation using Unity. The event then ended with a vote of thanks.

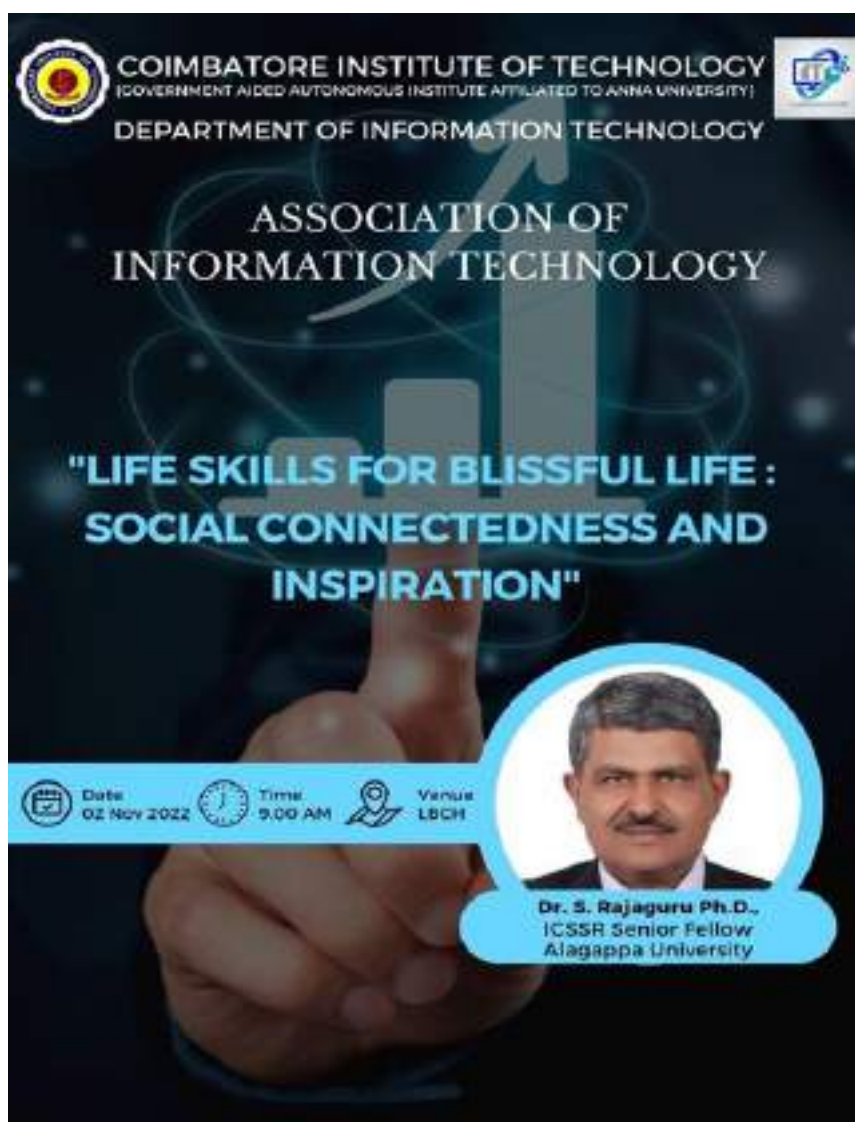


LIFE SKILLS FOR BLISSFUL LIFE: SOCIAL CONNECTEDNESS AND INSPIRATION

DATE:02.11.2022

TIME: 2.30 P.M - 3.30 P.M

RESOURCE PERSON: Dr. S. Rajaguru, Indian council of Social Science
Research (ICSSR)



The Department of Information Technology, organized its inauguration ceremony on 2nd November 2022. It marked the beginning of a new year with new possibilities for the students of Information Technology. We had a great

personality, Dr.S.Rajaguru, as our chief guest to inaugurate this auspicious day. He is presently serving as Indian council of Social Science Research (ICSSR) Senior Fellow affiliated with Alagappa University, Karaikudi. He started his carrier as a school teacher and was promoted as the Principal in the Ramakrishna Mission Vidyalaya College of Education. He guided 24 Ph.D. and 71 M.Phil. scholars. He has also published more than 50 research Papers and authored few Books. The event began with a prayer song. It was followed by the welcome address delivered by Dhakshesh. Our Head of the Department, Dr.N.K.Karthikeyan, delivered the felicitation address which was followed by the Staff advisor address by Dr.N.Anithadevi. The Annual plan of the year was presented by Harshavardhan, the Secretary of Association of Information Technology, which consisted of all the major events that are planned for the upcoming year. The chief guest then presented the inaugural address and blessed us to have a great year ahead. The event concluded with a vote of thanks by Haresh Viswanathan, the Joint secretary of Association of Information Technology.



THE OPPORTUNITIES AFTER ENGINEERING THROUGH GATE

DATE:25.01.2023

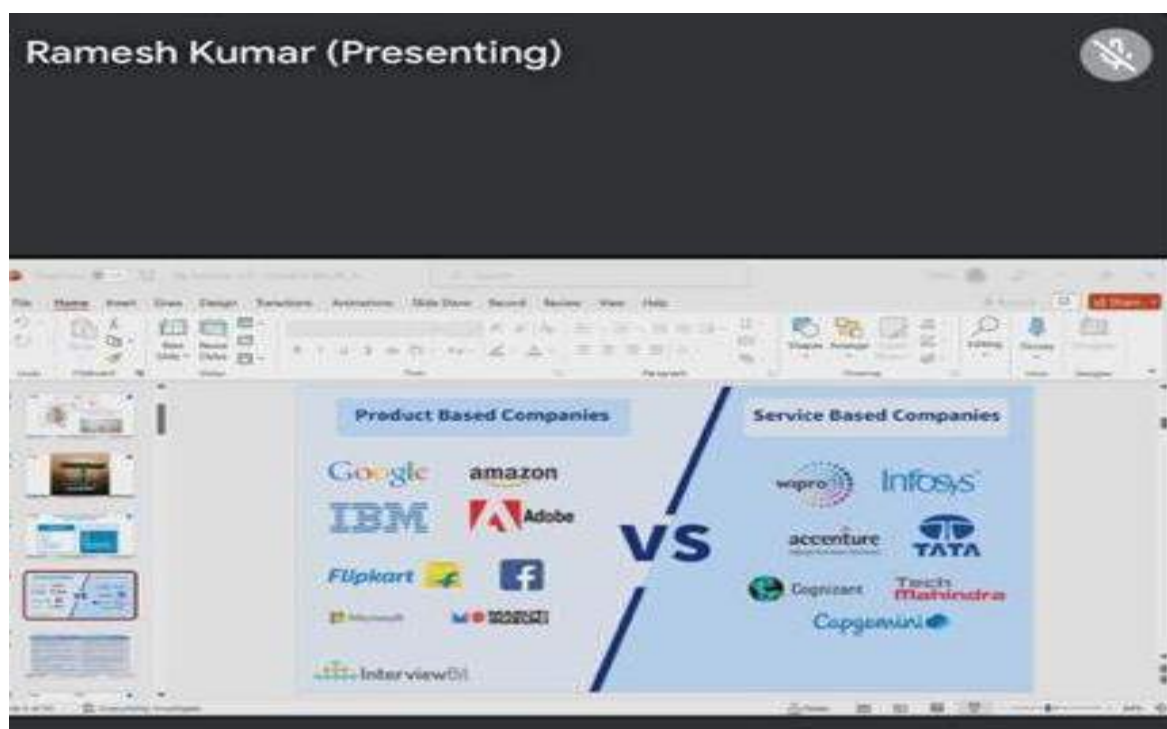
TIME: 2.30 P.M - 3.30 P.M

RESOURCE PERSON: Mr.M.Ramesh, ACE Engineering Academy



Our college in assistance with the association of IT had conducted a session for the B.Tech Information Technology students of third year to provide knowledge about “The Opportunities After engineering through GATE” lead by

Mr.M.Ramesh. The session was held in online mode through the Google meet platform. There was enthusiastic participation by the students and the session was a very interactive one. Welcome address was given and then, the speaker took over the session. He is a senior faculty member at ACE Engineering Academy with rich academic credentials. He holds an M.Tech. from the prestigious Osmania University, Hyderabad. Wireless Sensor Networks is one of the core areas of his research interest. He has 18+ years of teaching experience. His passion for interacting with students and motivating them in their career endeavors has helped him connect with students pan India. And he does it all whilst blending it with Technology as his core domain. He spoke about a lot of opportunities and job offers related and how important and useful it is. His speech was very informative and the students got awareness about the opportunities in the IT field and also other fields about having a GATE score. Sir was patient enough to answer all the queries of the students. Then the association coordinator Dr.N.Anithadevi thanked the resource person for his time. At last the session ended with a few questions and prompts and finally, we concluded with a vote of thanks.



DESIGN THINKING, CREATIVE THINKING AND INNOVATIVE DESIGN

DATE:15.02.2023

TIME: 2.30 P.M - 3.30 P.M

RESOURCE PERSON: Mr. Guru Prasad Chelliah, CEO and founder
Dreamguys Technologies Private Limited



The Department of Information Technology, organized a session for the students of third year. The session was taken over by Mr. Guru Prasad Chelliah. He is the CEO and founder of Dreamguys technologies pvt. Ltd.

The session was about “Design Thinking, Creative thinking and innovative design”. Mr. Guru Prasad Chelliah, first started over by explaining us about the Software Development Life Cycle (SDLC). He then told us about design thinking and how we must think while building a software. He then gave us a real life scenario where he had used design thinking and then had an interactive session with us for some more scenarios. He then proceeded to mention some of the current software are in trend for developers in each domain. The event then ended with a vote of thanks.



COIMBATORE INSTITUTE OF TECHNOLOGY

GOVERNMENT AIDED AUTONOMOUS INSTITUTION

COIMBATORE



DEPARTMENT OF MANAGEMENT STUDIES

MASTER OF BUSINESS ADMINISTRATION

(Affiliated to Anna University)

II - YEAR

PLACEMENT TRAINING REPORT

(2 DAYS)

TRAINING ON PYTHON AND SQL

(12/12/2022 – 13/12/2022)

The Placement Training Program was planned and organized to the Students of **II Year MBA** by the Placement cell and Department of Management Studies of Coimbatore Institute of Technology, Coimbatore.

The Training Program includes overall basics of **Python Programming** and **MYSQL**. The Training was done by **BYTS India** - Programming Languages Training Company - <https://byts.co.in/>



TRAINER NAME: ARMADHAA (BYTS India)

CONTACT NO: 6309466100 (BYTS India)

The Total duration of the Training Program was 2 days (from 12/12/2022 – 13/12/2022). On the first day of training which held on 12th December, 2022 the trainer covered the most important basics of Python Programming language -

- Keywords
- Function
- Properties
- Data types
- Operators
- Switch case and loop function.

On the second day of the Training Program, which held on 13th December, 2022 the other important functions and dictionaries of Python Programming and the overall basics of MYSQL was covered by the Trainer –

- List
- Pandas
- Numpy
- MYSQL

Also students got guidance on Interview processes and how to approach the big companies for interviews and overview on Google's recruitment process and suggested some notable Website for students to learn and train themselves in PYTHON programming and MYSQL and other programming languages.

REFERENCE NOTES

Float

* any no. which contains decimal point is called float constant (real constant)

Ex: 12.45678

$\Rightarrow 12.45678000000$

Ex: float(5) $\Rightarrow 5.0$

Ex: float('hi') $\Rightarrow$ Error value

Ex: float(5+1j) $\Rightarrow$ Type Error

Ex: float(True) $\Rightarrow 1.0$

* The argument for float typecast can be int or float or boolean

Complex

$(a + bj)$

$a = 1+2j$
 $b = 3+4j$

$a+b \Rightarrow 4+6j$
 $a-b \Rightarrow -2-2j$
 $a*b \Rightarrow 10j^2 + 4j + 3 = -10 + 4j + 3 = -7 + 4j$

$a/b \Rightarrow \frac{1+2j}{3+4j} \cdot \frac{3-4j}{3-4j} = \frac{3-4j+6j-8j^2}{9-16j^2} = \frac{3-4j+6j+8}{9+16} = \frac{11+2j}{25} = 0.44 + 0.08j$

Bool

Ex: 1 > 2 $\Rightarrow$ False
 $2 > 2 \Rightarrow$ False
 $2 + True \Rightarrow 3$

* True will act as 1 & False value

String

* any content which is represented using "" or "" is called string constant

* Every data in python is an object

Ex: str(5) $\Rightarrow '5'$
 $bool(1) \Rightarrow True$
 $bool(0) \Rightarrow False$
 $complex(1) \Rightarrow (1+0j)$

Relational operator

$< > = > < =$

Equality operator $== !=$

Membership operator $in not in$

Identity operator $is is not$

True (or) False

Moving onto the practice after theory:

When you practice, do not use an IDE. You need to be able to write legible, compilable code without help with regards to layout, or spelling of standard library class/method names. I suggest solving similar style algorithmic/DS problems on a google document or on paper to simulate a real interview.

Several sites that provide similar problems to those typically asked in the interview are (medium-hard questions):

- [HackerRank](#) (highly encouraged)
- [GeeksforGeeks](#) (highly encouraged)
- [Topcoder](#)
- [Codeforces](#)
- [LeetCode](#) (highly encouraged)
- [InterviewBit](#) (highly encouraged)
- [Kattis](#)
- Problems from [Cracking the Coding Interview Book](#)
- List of ACM-ICPC questions/ codejam questions

This will help get you into the problem-solving mindset. Practice as much as you can! - with problems from [LeetCode](#) and [GeeksforGeeks](#). For LeetCode, practice around 150 medium (20-25 mins) or hard (45 mins) level problems under different categories.

Topics that are commonly asked:

- Binary search
- Graphs, BFS/DFS/Flood fill
- Tree traversals
- Hash tables

1. CODING CRITERIA

BASICS

- Coding on Google Documents. No IDE/Compiler
- Code as close fully functional working code (production level code)
- No Pseudo Code

GOOD CODE QUALITY & CODE FAST

- Please write well structured, clean and neat code with consistent coding style!
- Use proper syntax/indentation, but feel free to clarify uncommon APIs
- Use meaningful variable/function names. Abstract methods when necessary.
- Your code should be very readable. No errors/bugs.
- Refer to Google Interview Style Guides mentioned in the earlier part of my email

COVER FOR ALL EDGE/BOUNDARY CASES

TEST CASES (SAMPLE DRY RUN)

2. DS & ALGO ASSESSMENT

- Assessing based on your knowledge and understanding of data structures and algorithms and your problem solving skill set
- Can you implement the **most optimized** data structure and algorithm for the question?
- Propose a solution, and an alternative solution and analyze the tradeoffs
 - Can you explain the tradeoffs between the data structure/solution?
 - Can you explain why you choose a data structure for implementation?

TRAINING PROGRAM IMAGES

MONDAY – 12.12.2022



TUESDAY – 13.12.2022



PLACEMENT COORDINATOR

HOD – MBA



COIMBATORE INSTITUTE OF TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

ASSOCIATION OF INFORMATION TECHNOLOGY – DECODE



SUMMARY OF TECHNICAL TALKS

2021-2022

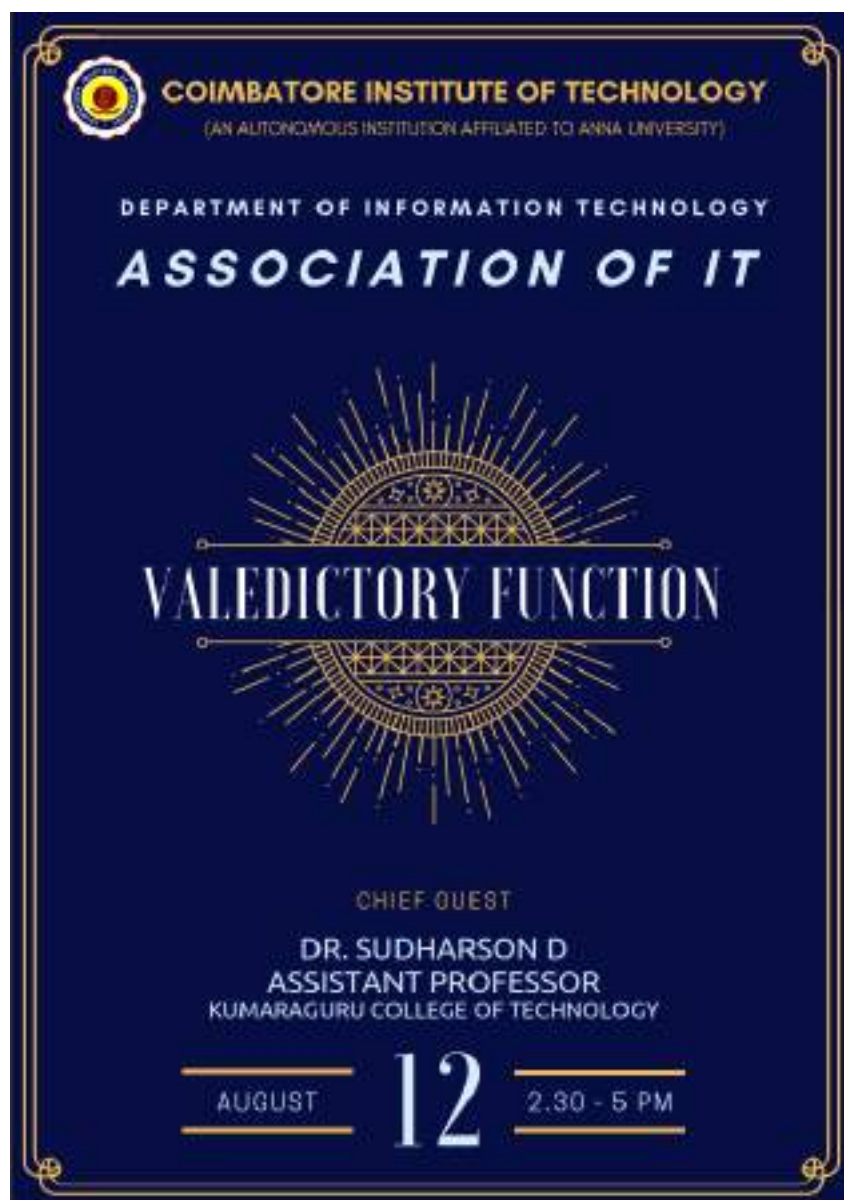
Date	Name of the event
12.08.2021	Career Verticals and No Code Data Science
19.08.2021	Impact of Blockchain Revolution in Industry
09.09.2021	Business Analyst:” An Insight”
23.10.2021	GRE & IELTS Workshop
02.12.2021	Opportunities after Engineering through GATE
09.05.2022	How to plan for Startup and legal and Ethical Steps

CAREER VERTICALS AND NO CODE DATA SCIENCE

DATE : 12.08.2021

SESSION DURATION : 2.30 PM – 4.30 PM

RESOURCE PERSON : Dr Sudharson D, Assistant Professor, KCT



This session was planned to valedict the members of the Association of IT for the academic year 2020 – 21. Starting with a positive note initially, the felicitation address was delivered by the Head of the department. Then the winners of the various competitions for this academic year such as Hackathon, Syllogism etc, were announced and congratulated. The former Secretary of Association IT addressed the annual report

on what they achieved. Then comes the important moment of the session where the resource person released our department magazine named “Technowize”. The magazine contains many creative projects, articles etc which were presented by the students of IT. Later, the resource person started his presentation based on the topic “Career verticals and no code data science”. He depicted the numerous other career choices that a student can opt for who are not interested in the coding field. The potential for quantum computing and data science is huge in the future. Hence, he explained the concept behind ‘No Data Science’ with simple understandable presentations. He demonstrated how to implement the data science concept without any coding involved which was quite interesting and something new for the students to learn. He concluded his presentation with a Question-and-Answer session and students came up with their doubts and got clarified. Ultimately, motivational words and encouragement throughout the session made students give their attention. It was a learning experience overall and we hope the best for the beginning of a new journey next year.



IMPACT OF BLOCK CHAIN REVOLUTION IN INDUSTRY

DATE : 19.08.2021

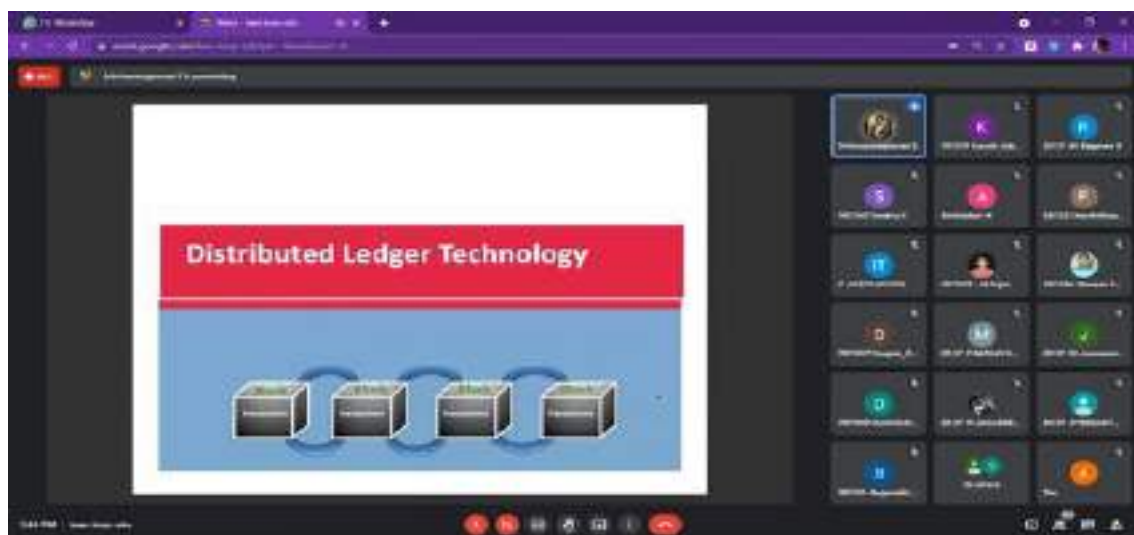
TIME : 2.30 P.M – 4.30 P.M

CHIEF GUEST : Mr. Srinivasa Raghavan, Research and Developer



The inaugural ceremony of the Association of Information Technology commenced with the prayer song. Then it was followed by a short welcome address. Next a small note of address was given by Dr.N.Anithadevi, Assistant Professor, Department of IT. The words were really encouraging and motivated every one of us to actively participate in the association activities. Next, the Association's annual plan for the year 2021 – 2022 was released by Ajay, Secretary which comprised of events like Syllogism, Coding contests and Hackathon etc., Following this, the association members for the year 2021 – 2022 was released. Next, the informative session on the topic “**Impact of**

Block chain Revolution in Industry” was started by the esteemed resource person **“Mr. Srinivasa Raghavan”**, Research and Developer, Smart Ant Technologies. Initially he started the session by giving a short introduction about What is block chain. Then he explained about the impacts of crypto currency and its current trends. He gave an insight about distributed ledger technology. He clearly explained the use of hashing and its role in encryption and decryption of information. The session was so clear that even beginners can learn about block chain technology easily. The future of the security system was also covered by the speaker. The end of his presentation included the most frequently asked questions about block chain which is very useful and informative. The students' queries and doubts were cleared by the speaker and it was a wonderful session to learn about block chain.



The screenshot shows a Google Meet interface. The main window displays a presentation slide titled "Crypto Currency Price (Sep 2019)" in a red header. Below the title is a table listing the top 10 cryptocurrencies by market cap. The right side of the screen shows a grid of participant avatars. At the bottom, there are icons for chat, mute, video, and other meeting controls.

#	Crypto Currencies	Market Cap	Price
1	Bitcoin	\$180,753,854,317	\$10,081.66
2	Ethereum	\$19,321,339,299	\$179.41
3	KRP	\$11,065,349,258	\$0.257188
4	Bitcoin Cash	\$5,430,496,998	\$301.75
5	Litecoin	\$4,480,564,995	\$70.86
6	EOS	\$3,487,353,962	\$3.74
7	Binance Coin	\$3,353,638,703	\$21.56
8	Bitcoin SV	\$2,207,462,185	\$123.63
9	Monero	\$1,220,939,742	\$70.97
10	Cardano	\$1,189,244,517	\$0.045869

Source: <https://coinmarketcap.com/coins/>

BUSINESS ANALYST “AN INSIGHT”

DATE: 09.09.2021

SESSION DURATION: 2.30 P.M – 4.30 P.M

RESOURCE PERSON: Siranjeevi T, Lead Business Analyst, Aglysis

The poster is for a session titled "Business Analyst 'An Insight'". It features the logo of Coimbatore Institute of Technology (CIT) in the top left corner. The text on the poster includes: "COIMBATORE INSTITUTE OF TECHNOLOGY", "[Government Aided Autonomous Institution Affiliated to ANMA University] Avinashi Road, Civil Aerodrome Post, Coimbatore - 441 014", "DEPARTMENT OF INFORMATION TECHNOLOGY", "ASSOCIATION OF INFORMATION TECHNOLOGY", and "presents". The main title "Business Analyst 'An Insight'" is prominently displayed in the center. Below the title is an illustration of a man and a woman working on laptops, surrounded by various data visualization icons like bar charts, pie charts, and line graphs. At the bottom left, there is a circular portrait of Siranjeevi T, with the text "SIRANJEEVI T", "LEAD BUSINESS ANALYST", and "AGILYSYS" next to it. At the bottom, the Google Meet link "meet.google.com/jdw-mjre-upr" is provided. The bottom right corner features a red diagonal banner with the date "9th September '21", the day "THURSDAY", and the time "2:30 PM – 4:30 PM".

COIMBATORE INSTITUTE OF TECHNOLOGY
[Government Aided Autonomous Institution Affiliated to ANMA University] Avinashi Road, Civil Aerodrome Post, Coimbatore - 441 014

DEPARTMENT OF INFORMATION TECHNOLOGY
ASSOCIATION OF INFORMATION TECHNOLOGY
presents

Business Analyst
"An Insight"

SIRANJEEVI T
LEAD BUSINESS ANALYST
AGILYSYS

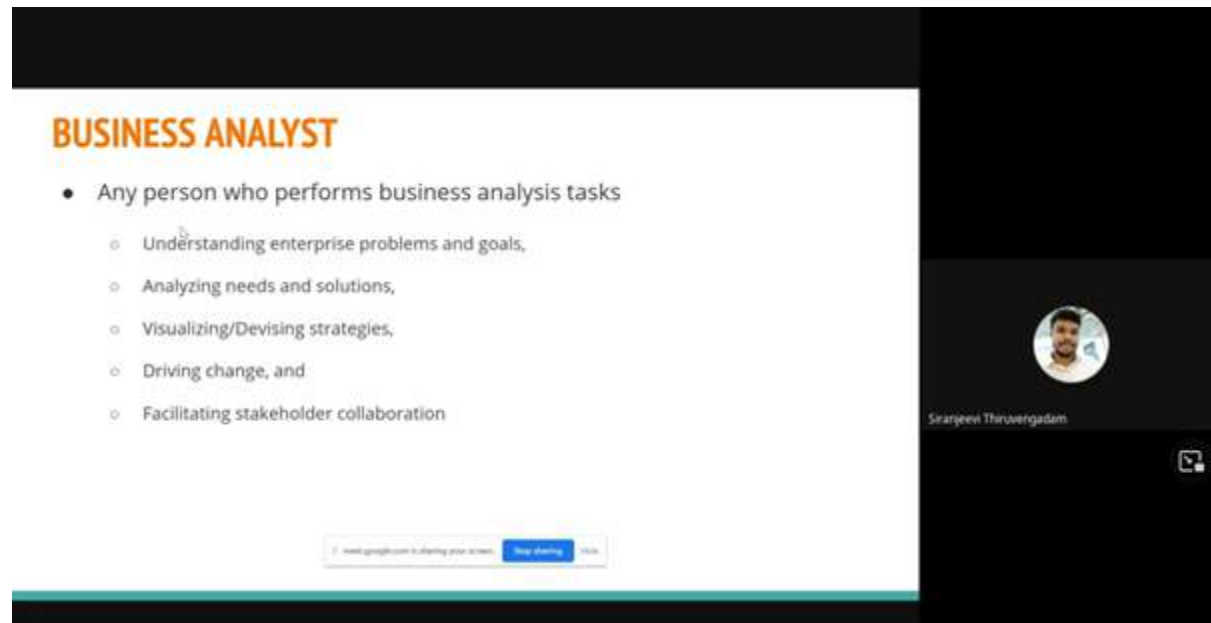
meet.google.com/jdw-mjre-upr

9th
September '21
THURSDAY
2:30 PM – 4:30 PM

This session mainly focuses on the Insights for the Business Analyst role. This informative session was handled by the esteemed resource person “Mr. Siranjeevi T, Lead Business Analyst, Aglysis”. The resource person was very enchanting and enthusiastic and he kindled the interest to become a Business Analyst among the young minds. The entire presentation was very clear and it almost covered everything from what is the role of analyst to Software Development Lifecycle. He also explained how

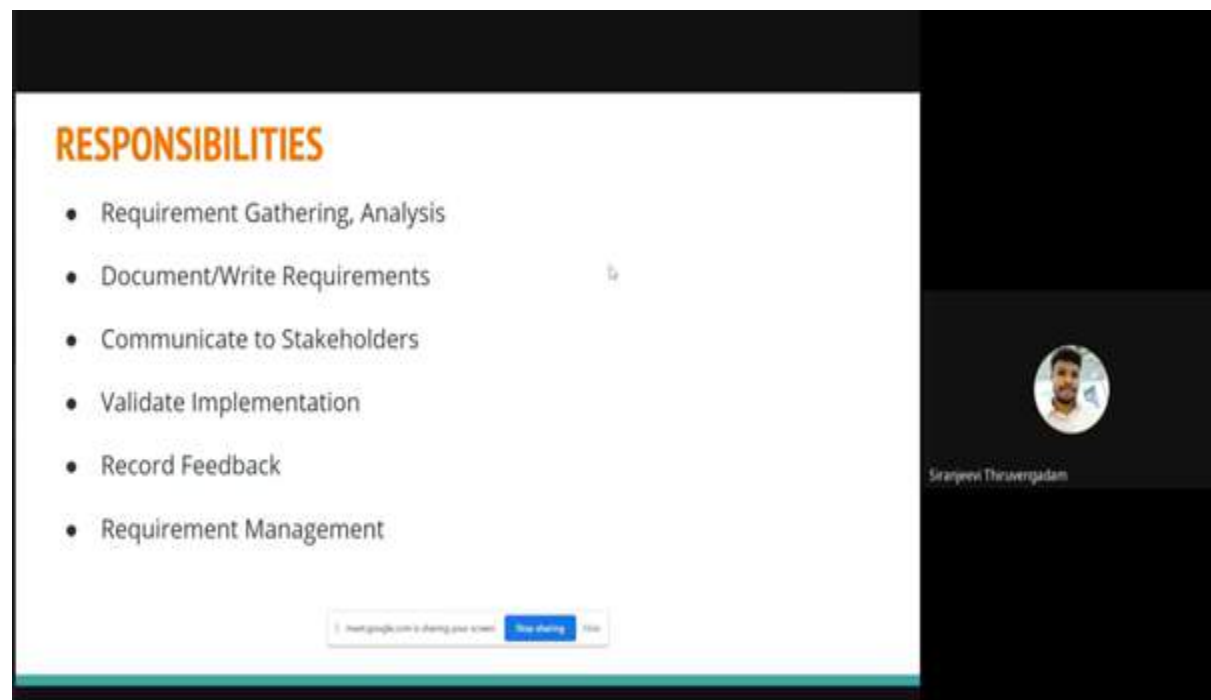
a user can access customized feeds and contents by illustrating it with LinkedIn. Finally, the presentation covered what will be the career path if he/she chooses the career as Business Analyst. The session was incredibly thought provoking and made everyone get a clear insight about the Business Analyst role. It was a great experience overall and the result of which we presume to be fruitful to all the students.

“A Business Analyst draws out the needs that are not yet known”



The screenshot shows a Google Meet interface. On the left, a presentation slide titled "BUSINESS ANALYST" in orange text. The slide content includes a bullet point: "Any person who performs business analysis tasks", followed by a list of tasks: "Understanding enterprise problems and goals," "Analyzing needs and solutions," "Visualizing/Devising strategies," "Driving change, and", and "Facilitating stakeholder collaboration". On the right, a video feed of a participant named "Sranjeel Thiruvengadam" is visible. At the bottom of the slide, there is a small status bar that says "meet.google.com is sharing your screen" with buttons for "Stop sharing" and "Hide".

- Any person who performs business analysis tasks
 - Understanding enterprise problems and goals,
 - Analyzing needs and solutions,
 - Visualizing/Devising strategies,
 - Driving change, and
 - Facilitating stakeholder collaboration



The screenshot shows a Google Meet interface. On the left, a presentation slide titled "RESPONSIBILITIES" in orange text. The slide content includes a list of responsibilities: "Requirement Gathering, Analysis", "Document/Write Requirements", "Communicate to Stakeholders", "Validate Implementation", "Record Feedback", and "Requirement Management". On the right, a video feed of a participant named "Sranjeel Thiruvengadam" is visible. At the bottom of the slide, there is a small status bar that says "meet.google.com is sharing your screen" with buttons for "Stop sharing" and "Hide".

- Requirement Gathering, Analysis
- Document/Write Requirements
- Communicate to Stakeholders
- Validate Implementation
- Record Feedback
- Requirement Management

GRE & IELTS WORKSHOP

DATE: 23.10.2021

TIME: 2.00 P.M – 3.30 P.M

RESOURCE PERSON: Mrs. Nagalakshmi, Cambridge Certified Verbal Faculty, Career Zone

The poster is for a 'WORKSHOP ON ETS GRE & IELTS' held on 23rd Oct 2021 (Saturday) from 2:00 PM to 3:30 PM. It is organized by the Department of Information Technology at Coimbatore Institute of Technology, which is a Govt. Aided Autonomous Institution Affiliated to Anna University, Coimbatore -641 014. The speaker is Mrs. Nagalakshmi, a Cambridge Certified Verbal Faculty from Career Zone. The poster includes a QR code for registration at <https://forms.gle/ijozXtYPP5H4orT86> and a contact number +91 97518 33221. Career Zone is the facilitator, with the tagline 'Global Education since 1997' and website www.careerzone.in. A yellow banner urges participants to 'Hurry up ! Register at the Earliest'.

COIMBATORE INSTITUTE OF TECHNOLOGY
(Govt. Aided Autonomous Institution Affiliated to Anna University)
Coimbatore -641 014

Department of Information Technology

Speaker

Mrs. Nagalakshmi
Cambridge Certified
Verbal Faculty

WORKSHOP ON
ETS GRE & IELTS
English for International Opportunity

23th Oct 2021 (Saturday)
Timings: 2:00 PM to 3:30 PM

Hurry up !
Register at the Earliest
+91 97518 33221

Facilitated by
CAREER ZONE
Global Education since 1997
www.careerzone.in

Prior Registration Compulsory

Registration:
<https://forms.gle/ijozXtYPP5H4orT86>

This session was aimed at widening the perspective of the students who are interested in studying abroad. The resource person intrigued students with her engaging presentation which was mainly focused on two of the most important competitive exams to study abroad – GRE and IELTS. She gave a clear insight on why to study abroad and

its benefits. She then highlighted the importance of studying GRE and IELTS that plays a major role when it comes to admission process in foreign universities. Her presentation provided a better understanding of both GRE and IELTS exams in which she covered syllabus or topics, different sections like listening, speaking, writing and reading, the question pattern, its weightage and a few tips to crack those exams. The session was ended with a positive note where the resource person interacted with many students who were opened to ask their queries. And finally, this session helped moving one more step ahead for the GRE and IELTS aspirants.

The screenshot shows a Google Meet window with a presentation slide titled "Text Completion (6Q)". The slide lists the following details:

- ✓ Select one answer choice per blank
- ✓ Best fit in the blank
- One blank: 5 choices (2Q)
- ✓ 3 Variants
 - ✓ One blank: 5 choices (2Q)
 - ✓ Two blanks: Each blank has 3 choices (2Q)
 - ✓ Three blanks: Each blank has 3 choices (2Q)

The background of the slide features colorful 3D letters and numbers. The Meet interface shows a grid of participants on the right and a status bar at the bottom indicating the time as 2:31 PM.

The screenshot shows a Google Meet window with a presentation slide titled "Writing" and "Speaking". The slide contains two tables showing the weighting of criteria for each section.

Writing

Examiners award a band score for each of four criterion areas:

Criterion	Weighting
Task Achievement	25%
Coherence and Cohesion	25%
Lexical Resource	25%
Grammatical Range and Accuracy	25%

Speaking

Examiners award a band score for each of four criterion areas:

Criterion	Weighting
Fluency and Coherence	25%
Lexical Resource	25%
Grammatical Range and Accuracy	25%
Pronunciation	25%

The four criteria are equally weighted

The Meet interface shows a grid of participants on the right and a status bar at the bottom indicating the time as 3:03 PM. An "In-call messages" panel is open on the right side of the screen.

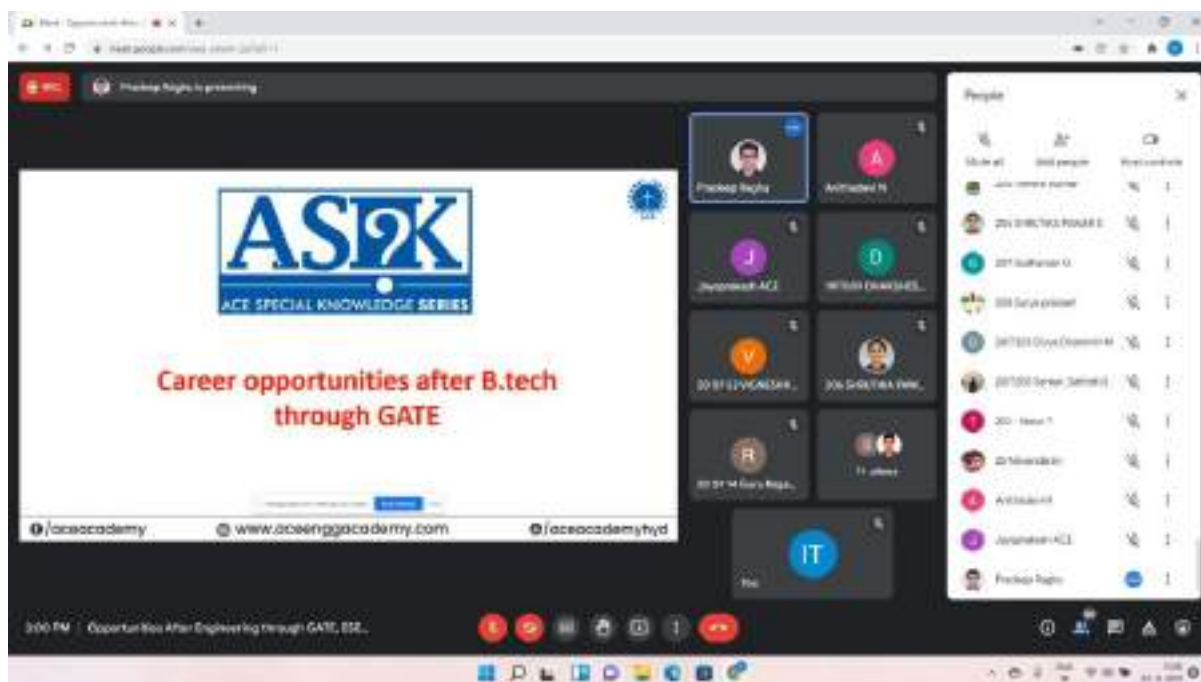
OPPORTUNITIES AFTER ENGINEERING THROUGH GATE, **ESE, PSU**

DATE: 02.12.2021

SESSION DURATION: 2:00 pm to 3:30 pm

RESOURCE PERSON: Mr. Pradeep Raghu, Faculty (GATE & ESE),
ACE Engineering Academy

This session was concentrated on future career opportunities after B. Tech. The resource person covered both technical and non-technical career perspectives. The presentation then mainly focused on GATE preparation, how it improvises our resume and then open various other opportunities in government as well as private sectors. He also elaborated on the vital role played by GATE score in order to get into top tier universities for master's degree. He also gave us wider perspective of the GATE examination, format changes over the years and guidelines for preparation. The session was ended with a positive note where the resource person interacted with many students who were opened to ask their queries and he also gave some effective and useful tips during these exam preparations. And finally, this session helped moving one more step ahead for the GATE Aspirants.



HOW TO PLAN FOR STARTUP AND LEGAL AND ETHICAL STEPS

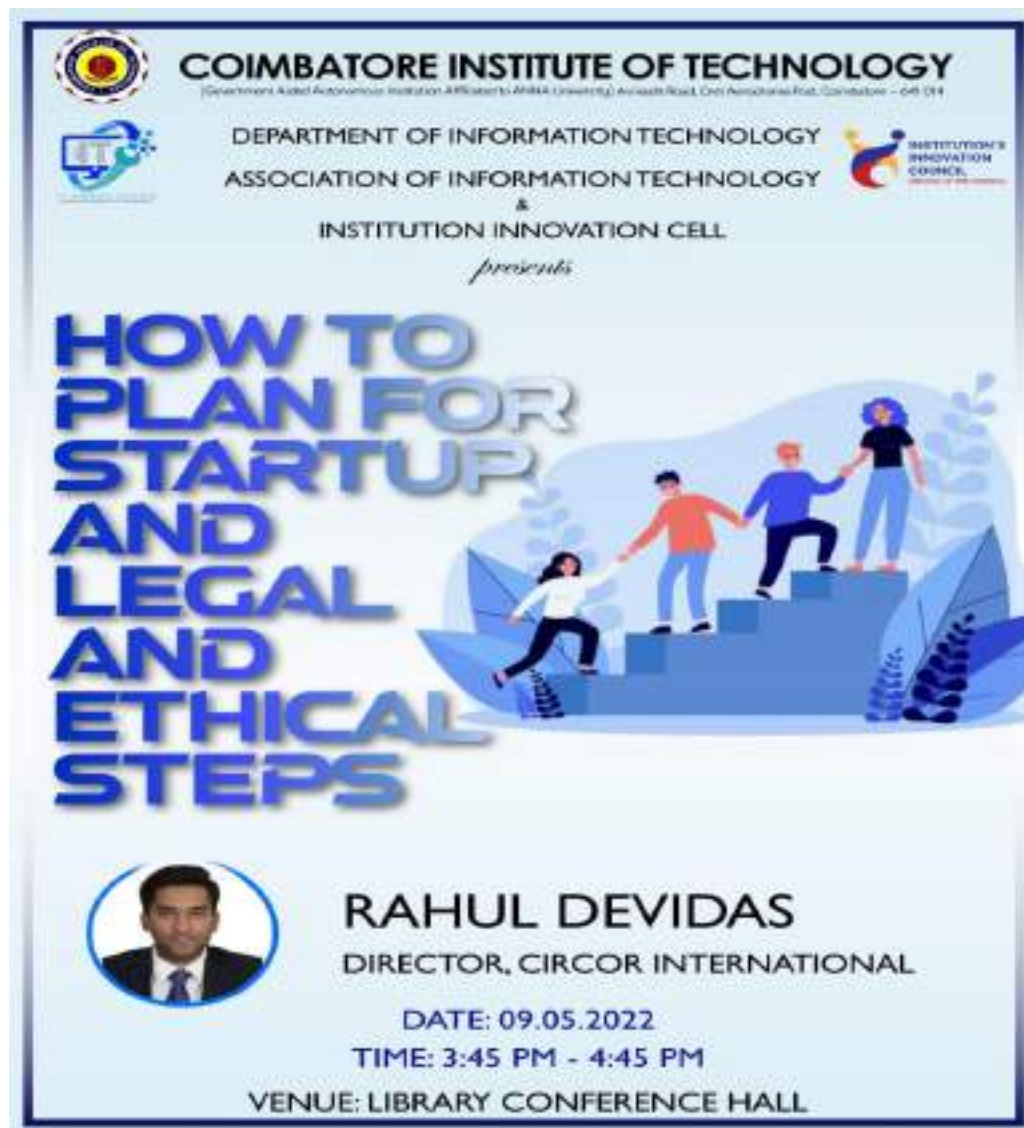
DATE : 09.05.2022

SESSION DURATION : 3.00 P.M – 6.00 P.M

TOPIC : How to plan for Startup and legal and Ethical Steps

CHIEF GUEST : Mr.Rahul Devidas, Director, CIRCOR International

INVITATION:



The valedictory function of the Association of Information technology was organized on 08th May, 2022 in the library conference hall from 2:00 pm to 5:30 pm. The Chief Guest of the valedictory function was Rahul Devidas, Director of Business Development M&A and Strategy, CIRCOR International, Coimbatore, who is also a successful entrepreneur, motivational speaker and a mentor of various start - ups.

The function started with a prayer song which was sung by the 3rd year students, followed by the welcome address given by Harshavardhan, the Secretary of Association of IT.

Then was the felicitation address given by Dr N.K Karthikeyan, the HOD of IT department wherein he addressed the audience on the present-day market trends and the scope of the booming IT fields for the next couple of years he also motivated and guided the students in their pursuit of growth.

Further the association coordinator Dr.N.Anithadevi shared a few words.

After which the annual report was delivered by Ajay M, secretary- Association of IT.

Then the function commenced, the winners of the events, hackathon and syllogism were announced and the prizes were distributed to the respective participants by the honourable chief guest. The students showed much enthusiasm in participation as well as during the prize distribution.

Moreover, the chief guest Rahul Devidas, gave an enlightening speech on how to plan for startup and legal and ethical steps for the same. Also, about their new trends which guided the students interested in start-ups to begin a start-up and motivated the others to start one. He also discussed about the various pros and cons and the global marketing trends. Adding on, he shared his experience in his fields of knowledge. The session went on well with interactions between the students and the chief guest as well as the staffs and the chief guest. Finally, he concluded by clarifying the doubts of the students. Finally, the event concluded by the vote of thanks given by Clarissa, Event manager of association of IT.



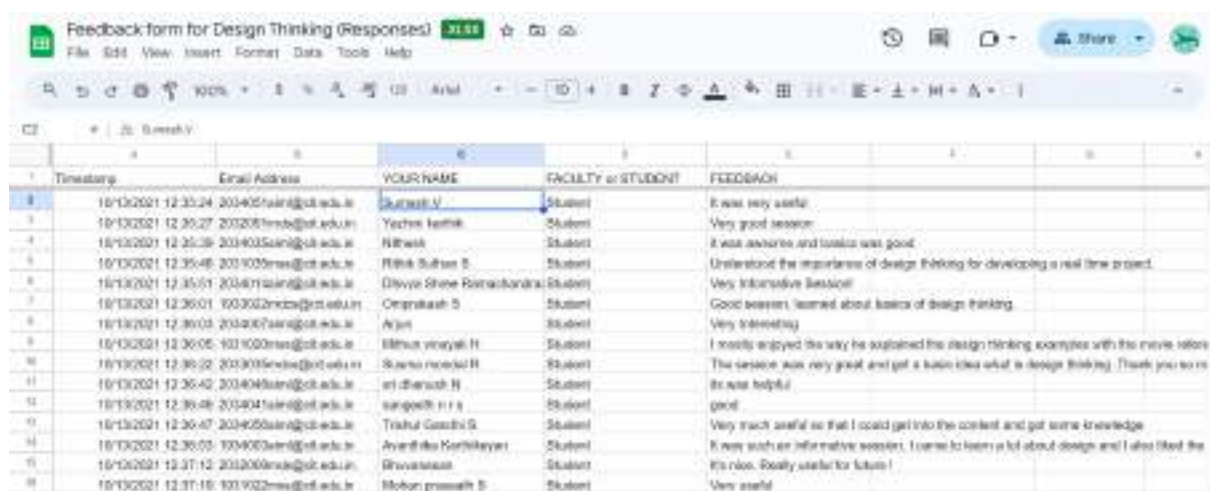


Coimbatore Institute of Technology

Department of Computing - AI & ML

One day Webinar on “ Design Thinking”

One day webinar on “**Design Thinking**” was conducted on 13th October 2021. Training was given by SoDT, Chennai. Around 40 students were participated in the training and gained knowledge.



Timestamp	Email Address	YOUR NAME	FACULTY or STUDENT	FEEDBACK
10/10/2021 12:35:24	2034025uain@cit.edu.in	SURUSH V	Student	It was very useful.
10/10/2021 12:35:27	2032051mnd@cit.edu.in	Yashas kashik	Student	Very good session.
10/10/2021 12:35:38	2034025uain@cit.edu.in	Nithish	Student	It was awesome and lesson was good.
10/10/2021 12:35:48	2031009mnd@cit.edu.in	Rishik Subram S	Student	Understood the importance of design thinking for developing a real time project.
10/10/2021 12:35:51	2034071uain@cit.edu.in	Dhanya Shree Ramachandran	Student	Very Informative Session!
10/10/2021 12:36:01	2033032mnd@cit.edu.in	Omprakash S	Student	Good session, learned about basics of design thinking.
10/10/2021 12:36:03	2034067uain@cit.edu.in	Ajoni	Student	Very interesting.
10/10/2021 12:36:05	2031009mnd@cit.edu.in	Bhuvan vijayalak H	Student	I mostly enjoyed the way he explained the design thinking examples with the movie scenes.
10/10/2021 12:36:07	2033035mnd@cit.edu.in	Saana nivedita H	Student	The session was very good and got a basic idea what is design thinking. Thank you so much.
10/10/2021 12:36:42	2034044uain@cit.edu.in	ari dhanush H	Student	It was helpful.
10/10/2021 12:36:48	2034041uain@cit.edu.in	sangeetha r f s	Student	good.
10/10/2021 12:36:47	2034025uain@cit.edu.in	Trishul Ganesh S	Student	Very much useful so that I could get into the content and get some knowledge.
10/10/2021 12:36:53	2034003uain@cit.edu.in	Aparithika Kothikayyer	Student	It was such an informative session. I came to learn a lot about design and I also liked the idea. Really useful for future!
10/10/2021 12:37:12	2032006mnd@cit.edu.in	Bhuvanassu	Student	It's nice. Really useful for future!
10/10/2021 12:37:18	2031002mnd@cit.edu.in	Mohan praveen S	Student	Very useful.





Coimbatore Institute of Technology

Students Induction Programme [25.10.21 - 30.10.21]

Sn o	Name	MailID	Attendance 25/10/2021 FN AN Monday		Attendance 26/10/2021 FN AN Tuesday		Attendance 27/10/2021 FN AN Wednesday		Attendance 28/10/2021 FN AN Thursday		Attendance 29/10/2021 FN AN Friday		Attendance 30/10/2021 FN AN Saturday		perc enta ge
1	ABILASH PANDIAN V	71762134001@cit.edu.in	p	p	p	P	P	p	p	p	p	p	p	p	100%
2	ABILES V	71762134002@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
3	AISHVARYA S	71762134003@cit.edu.in	p	p	p	p	p	p	A	p	p	p	p	A	83%
4	AJAY ANAND S	71762134004@cit.edu.in	P	p	p	p	p	p	p	p	p	p	p	p	100%
5	AMIZHTHAN S	71762134005@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
6	AMRUTHA M	71762134006@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
7	Anand Baalaji A	71762134007@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
8	ATHISH PRANAV S V	71762134008@cit.edu.in	P	P	p	p	p	p	p	p	p	p	A	p	91%
9	DAKSINA S M	71762134009@cit.edu.in	p	p	p	p	A	p	p	p	p	p	p	p	91%
10	DEVAPRIYAN V S	71762134010@cit.edu.in	p	p	p	p	p	p	p	p	A	p	A	p	83%
11	Dhanush R	71762134011@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
12	DHANUSREE V S	71762134012@cit.edu.in	P	P	p	p	p	p	p	p	p	p	p	p	100%
13	DHARANEESH R P	71762134013@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
14	FARHAAN J	71762134014@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
15	GOWRI PRIYA M	71762134015@cit.edu.in	p	p	p	A	p	A	A	A	A	p	A	p	50%
16	HARINI R R	71762134016@cit.edu.in	P	P	p	p	p	p	p	p	p	p	A	p	91%
17	HARISS K V	71762134017@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
18	Harisudan R T	71762134018@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
19	JANANI N	71762134019@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
20	KAMATCHI SOMESH S	71762134020@cit.edu.in	P	P	p	p	p	p	p	p	p	p	p	p	100%
21	KAUSIKA P	71762134021@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%

22	KAVIYA C	71762134022@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
23	LOGESH S D	71762134023@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
24	MADESH.R.	71762134024@cit.edu.in	P	P	p	p	p	p	A	p	p	p	p	p	91%
25	MANISHA K K	71762134025@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
26	MITHUNSANKAR.S	71762134026@cit.edu.in	p	p	p	p	p	p	p	p	A	p	p	p	91%
27	MUHILAN G S	71762134027@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
28	NAVANEETH.G.A.	71762134028@cit.edu.in	P	P	p	p	p	p	p	p	p	p	p	p	100%
29	NAVEEN.R.	71762134029@cit.edu.in	p	p	A	p	A	p	A	p	p	p	p	p	75%
30	NAVEENA.S.	71762134030@cit.edu.in	p	p	p	p	p	p	p	p	p	p	A	p	91%
31	NIKITTA K S	71762134031@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
32	PADHMASINI A	71762134032@cit.edu.in	P	P	p	p	p	p	p	p	p	p	p	p	100%
33	PARVATHAVARTHINI P	71762134033@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
34	PRADEEP.D.E.	71762134034@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
35	PRAVEENA K	71762134035@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
36	PRIYADHARSHINI V	71762134036@cit.edu.in	P	P	p	p	p	p	p	p	p	p	p	p	100%
37	RAGHAVA N	71762134037@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
38	RAGHUL AJITH N	71762134038@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
39	RITHUMIGA.S.	71762134039@cit.edu.in	p	p	p	p	p	A	p	p	A	p	p	p	83%
40	RITVIK.S.	71762134040@cit.edu.in	P	P	p	p	p	p	p	p	p	p	p	p	100%
41	SANTHOSH V	71762134041@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
42	SANTHOSHINI R	71762134042@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
43	SHANMATHI M	71762134043@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
44	SHIVA NITHISH B	71762134044@cit.edu.in	P	P	p	p	p	p	p	p	A	A	A	A	66%
45	SRINITA J S	71762134045@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%

46	SUGANESH R	71762134046@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
47	SURYA.S	71762134047@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
48	SUSMITHA M	71762134048@cit.edu.in	P	P	p	p	p	p	p	p	p	p	p	p	100%
49	SWETHA KRITHIKA. M	71762134049@cit.edu.in	p	p	A	A	A	p	p	p	p	p	p	p	75%
50	TARUNIKA R	71762134050@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
51	THANUSHRI S	71762134051@cit.edu.in	p	p	p	p	p	p	p	p	A	p	p	p	91%
52	VANATHI.S.	71762134052@cit.edu.in	P	P	p	p	p	p	p	p	p	p	p	p	100%
53	VENKATESHWARAN S V	71762134053@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
54	VIGNESHWARAN.B	71762134054@cit.edu.in	p	p	p	A	p	A	p	p	p	p	p	p	83%
55	YASHWANTH R	71762134055@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
56	ABARNA A	71762134056@cit.edu.in	P	P	p	p	p	p	p	p	p	A	p	p	91%
57	VETRIVEL M	71762134057@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
58	subashini S	71762134058@cit.edu.in	p	p	p	p	p	p	p	p	p	p	p	p	100%
59	Madhumith R	71762134059@cit.edu.in	p	p	p	p	p	p	p	A	p	p	p	p	91%
60	swetha. N	71762134060@cit.edu.in	p	p	p	p	p	p	p	p	p	p	A	p	91%

25.10.21

Forenoon Session

Mr.S.Rajiv Rangasami



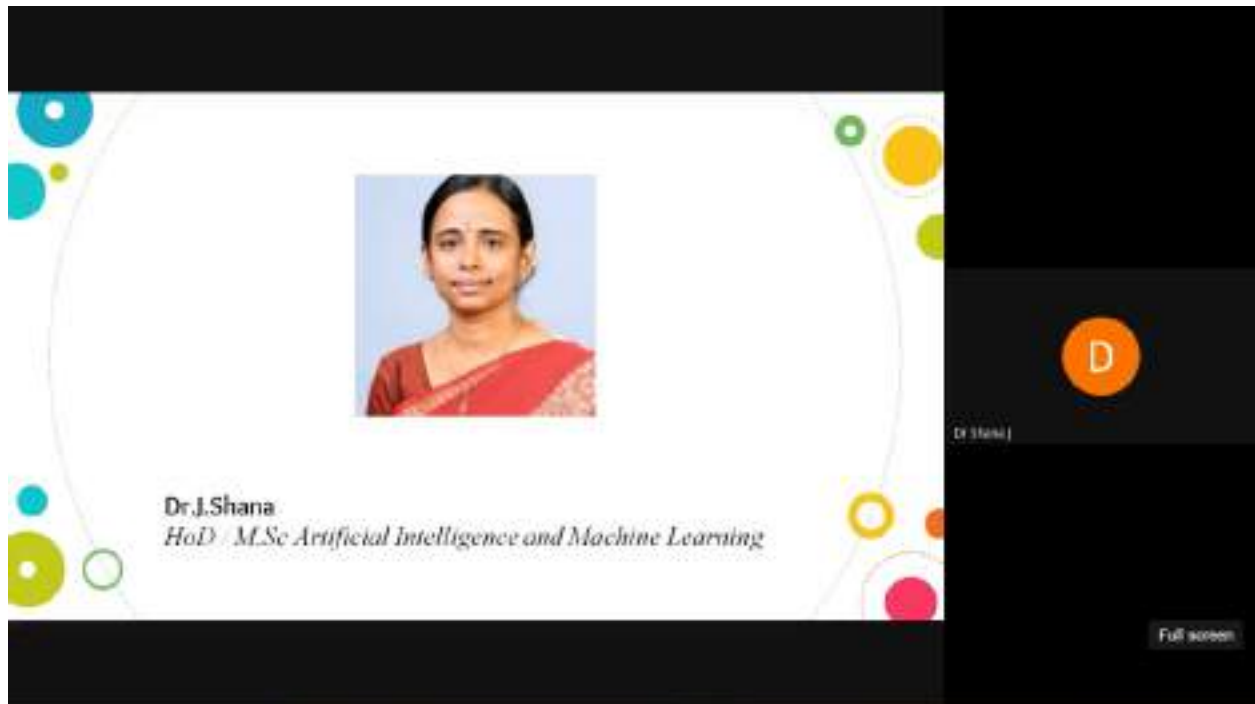
Apart from academics, we should learn more and add our skills. We should be bold enough for placement interviews. We should improve our communication skills

Handwritten signature of Mr. S. Rajiv Rangasami in blue ink.

25.10.21

Afternoon Session

Dr.J.Shana



Artificial intelligence has a wide range of opportunities.it is the last course in computing .The future is made of artificial intelligence .and it is increasing fast in the wide range .

26.10.21
Forenoon Session
Osai Kalidasan K



Today's session was awesome. Sir taught our duties to our earth as an engineering student and I gathered more knowledge. I learnt what I have not learned till now .Save nature save life...!! . It's our responsibility to recover our mother nature to enhance our future generation.The nature is collapsing ,there is still time for us to make it correct .We should increase our responsibilities to safeguard the environment .It is a recap and a reminder to ensure that we are protecting our mother earth. It's our responsibility to do so for our upcoming generations.

Shaw

26.10.21

Afternoon Session

Na.Ki.Prasath



We are so glad and motivated by our speech. It makes us realize what are the goals to be achieved. As per our dream, we will work hard and be dedicated in our academics to achieve the highest position in our career. His speech motivated me a lot to enhance my academics. Mr Kavi Naakiyar speech makes us face the challenges with a smile...And helps to view the complicated situation from a simpler point of view. And give the spirit ..“Let's do it.”

Key points of this session :

- 1. THINK BIG; AIM HIGH.**
- 2. Don't listen to the hater until we get success.**
- 3. Without hard work, there is no success.**

27.10.2021

Forenoon Session

Dr. P.Sharnita



That's a meaningful session by Dr P.Sharnita, with notable points about feeling stressed and taking care of our mental health, and also some good habits that could be followed in our life and thank you for sharing the meaningful things throughout the session.

Key points of this session :

- 1. Neglect all those pessimistic thoughts and seek optimistic vibes...(Positivity)**
- 2. Learn how to treat others and help them when they are in any mental struggles..(Humanity)**
- 3. We should balance both physical & mental health for a healthy well being**

27.10.21

Afternoon session

Dr. Viswams Natrajan



That was really a meaningful speech which we heard in his session. You have built clarity on us about how to be a prestigious leader and also how to be a future leader. We need to make decisions on our own , not by seeing others . From this session we would definitely give our best to own our career and thank you for giving us an interesting session.

Key points of this session :

- 1. Don't seek opportunities, create it on your own.**
- 2. Analyse everything first , Do it wisely.**
- 3. Be a leader,To own your career**
- 4. Keep on learning new things to make your knowledge wider which enhances your career profile.**

28.10.21

Forenoon

Prof. R.Surendran



This session has encouraged us a lot, and made us more confident in our struggle to choose our right way after academics and has made notable points to improve our technical skills which will help to improve our career confidently. We'll be following these points surely to make our future bright.

Key points of this session :

- 1. If you're walking down the right path and you're willing to keep walking, definitely you'll make progress.**
- 2. Countless possibilities exist in any situation. You must maintain a positive outlook to see the miraculous output.**
- 3. Alone we can do little, Together can do so much**
- 4. 'rise', 'Awake' until You get Success .**
- 5. If you win You can Lead, If you lose you can Guide.**

28.10.21

Afternoon

Er. Meena Srinivasan



This session has encouraged us more to create a supportive team and self-confidence which are the two most powerful weapons to become an entrepreneur and the quotes which were used by yourself to become a great entrepreneur were more inspirational and motivated Thank you for your stimulating speech, and your talk seemed to provide much-needed help. Thanks again for a truly memorable evening. We hope you can join us again.

Key points of this session :

1. **“Supportive team” and “Self confidence” are the two most powerful weapon to become an entrepreneur**
2. **Don’t give up in the middle ,until you reach the position you desire.**
3. **Actively participating in extracurricular activities ,Will help you know more .**

28.10.21

Afternoon

Er. P.Margabandu



We thank you for telling your life story and sharing some meaningful points to take some patience to succeed in our life and make a great point about thinking unique in this wider world. We are grateful for your speech and also for your thoughts and experiences you shared with us.

Key points of this session :

- 1. 'Patience' is the most important thing to succeed.**
- 2. 'Learn moral practise moral' & Think wise to be unique in this wider world .**
- 3. Listening to alumni will help us to walk on the right path.**

29.10.21

Forenoon

Er. P.Margabandu



Thank you very much, Ms Divya, for an inspiring and useful presentation about the competitive exams this session has been made useful for cracking the competitive exams in easier ways and much well-motivated us for being an entrepreneur in future and we thank you again and We are grateful for your speech and also for your thoughts and experiences you shared with us.

Key points of this session :

- 1. Self preparation is the best preparation which is more effective for our studies.**
- 2. Have a perfect schedule is an effective way to complete our daily work**
- 3. Knowing economics is good for increasing knowledge.**

Handwritten signature in blue ink.

29.10.21

Forenoon

Mr C Ajay Srinivasan



Thank you very much Mr Ajay Srinivasan sir for presenting an inspirational session to us, you clearly explained how to be unique in our ideas and the success therapies to be followed to become a successful entrepreneur this motivational session had motivated a lot to make a unique path to success in our life and we are grateful for your speech and also your thoughts and experiences you shared with us.

Key points of this session :

- 1. Have a regular habit of reading newspapers .**
- 2. Don't get Demotivated from failure .**
- 3. Meditation helps us improve self control and confidence .**

29.10.21

Afternoon

Er. Natarajan Sivaramakrishnan



Thank you very much Mr.R.Natarajan Sivaramakrishnan for presenting an inspirational session about the quality of human individuals how to be effective and efficient in their lives, and also the thing to be done to live a quality life and so we are grateful for your speech and also your thoughts and experiences you shared with us.

Key points of this session :

1. Efficiency = Do the Right things .
2. Effectiveness = Do the things Right.
3. 5ps of Human Quality:
 - Perseverance .
 - Patience.
 - Practise.
 - Punctuality.
 - Passion.

29.10.21

Afternoon

Rtn.PHF.R.Hendry Amalaraj



“Never Ever Give up” is a famous quote that we should follow until we get success. Hard work and Smart work is needed to achieve our dream. Everyone has a purpose in this life that we need to find and run towards it. Avoiding Negative people would help us stay on the path towards our dream.

Key points of this session :

- 1. Don't listen to negative people.**
- 2. Hard work and Smart work is needed .**
- 3.All are born to win.**
- 4. Don't give up.**

A handwritten signature in blue ink, appearing to read 'Shane'.

30.10.21

Forenoon

Mr. K.M.G.Athi Pandiyan



Hard work is most important to succeed . His Story of helping a grandmother taught me how humanity is important in our life . Increasing helping quality is a good habit and it will help us to help someone who is in need .

Key points of this session :

1. We should have a strong Desire until we reach what we Desire .
2. Success needs hard work... it won't come under comfort zone
3. Learn from failures , success is made up of many failure .
4. There is no life without questioning why - Vali

30.10.21

Afternoon

Mr. Yoganand Sri Anaaraj



According to sir's speech we need to give more importance to health. To have a healthy life we need to concentrate more on the food we take . Sir gave more tips about what to eat for different problems.

Key points of this session :

- 1. Healthy Body, Healthy life**
- 2. If we are Physically strong it automatically strengthens our Mental strength .**
- 3. An healthy and wise diet will help us having healthy body**

Coimbatore Institute of Technology

Department of Computing - AI & ML

One day Webinar on “ IT Trends”

One day webinar on “IT Trends” was conducted on 1st December 2021. Training was given by DMr.Stalin Gino,Dvara Tech,Bangalore around 60 students were participated in the training and gained knowledge.



Shane

COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE – 14

DEPARTMENT OF COMPUTING-ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

MSc. Artificial Intelligence & Machine Learning

PROPOSAL FOR 7th SEMESTER INTERNSHIP TRAINING

2021-2022

03.12.2021

To A/c
Raj
06/12/2021

As per the requirements of the companies participating in the campus internship drive, feedback from student placement coordinators, alumni and request from the students, the Department of AI&ML would like to conduct internship training classes for II and III Years of MSc. AI & ML students to prepare them for their 7th Semester full-time internship during the academic year 2021-22.

The vendor selected for technical training is Six Phrases for V Semester and Innovative Solutions for III Semester. I kindly request you to approve the proposal for the same.

III YEAR (V SEM)- 2019 BATCH

Technical-1	: Six Phrases, Coimbatore
Contents	: Coding and Problem solving in C/Data Structures/Test Series
Amount	: Rs. 1300 /- per student
Total Hours	: 48
Tentative Schedule/Mode	: Dec 2 nd week / Offline or Online
Amount	: @ Rs. 1300 per student
Total no. of Students	: 55
Total	: Rs 71,500

II YEAR (IV SEM)- 2020 BATCH

Aptitude-1	: Innovative Solutions Pvt. Ltd (CBE)
Contents	: Company specific aptitude problem solving
Total Hours	: 48
Tentative Schedule/Mode	: Dec 2022 /Offline or Online
Amount	: @ Rs. 1250 per student
Total no. of Students	: 57
Total	: Rs 71,250

Hakimul
Internship/Placement Co-Ordinator (AI&ML)
(Dr. B.B. MAHALAKSHMI)

Dr. K. Shakthimala
Dean-Computing

(Dr. K. Shakthimala)

Shana
03/12/21
H.O.D I/c
(Dr. J. Shana)

COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE-14

DEPARTMENT OF COMPUTING-AI&ML

MINUTES OF MEETING WITH THE VENDORS

The following requests were put forth by the department to the vendors for training the MSc. AI & ML students for their 7th semester internship.

- Theory/ concepts coverage for language may be limited as students have already learnt it in their curriculum.
- Approach to problem solving from hackerrank, hackerearth, geeks for geeks etc in C and Data structures, Python and Machine learning.
- Company specific coding questions must be dealt in the class.
- Practice problems to be given after every class which must be discussed in the next class.
- Weekly test based on topics covered and company specific tests during the period of training.
- Weekly tests after the 48 hours of training till the April 2022.
- Test reports to be sent to the internship/placement co-ordinator(faculty)

We discussed with two vendors from Coimbatore-- Innovative Solutions (Mr.David) and Six Phrases (Mr.Prabhu)

The amount quoted for the same by the vendors for Technical training are as follows.

Sno	Vendor Name	Amount
1	Innovative Solution, Cbe (Technical Training)	Rs.2400 per student 12 days (Computing)
2	Six Phrases, Cbe (Technical Training)	Rs.1300 per student 48 hours

For aptitude training the following requirements were put forth to the vendors.

- Company specific aptitude topics and their short cuts.
- Weekly test and the summary reports
- Weekly test after training till students get their internship through campus placements

Sno	Vendor Name	Amount
1	Innovative Solution, Cbe	Rs.1250 per student 48 hours
2	Six Phrases, Cbe	Rs.1300/48 hours

For 7th semester technical training six phrases is proposed as they ensured to deliver as per our requirements and budget.

Hahyund
2/12/21

Shane
02/12/21

From,

The H.O.D (i/c)
Department of Computing-Artificial Intelligence and Machine learning
Coimbatore Institute of Technology
Coimbatore-14

To,

The Principal,
Coimbatore Institute of Technology
Coimbatore-14

To A/c
Raj

Respected Madam,

The students of III Year MSc. Artificial Intelligence and Machine learning (V Semester) students have completed their placement training classes conducted from 08/12/2021 to 20/01/2022 in online mode. The training was conducted by Six Phrases Pvt. Ltd. Coimbatore for a total of 48 hours with a student strength of 55.

In this regard, I request you to kindly permit me to process the payment of Rs 71,500 (Seventy One Thousand Five Hundred) to the vendor towards the same.

Thanking you

Shane
14/2/2022
Yours sincerely

14/02/2022

(H.O.D-i/c)
Dr.J.Shana

Nahathum 14/2/22
Internship Coordinator
(Nahathesini)

J. Sakthimala
Dean-Computing
Dr.K.Sakthimala

From,

The H.O.D (i/c)
Department of Computing-Artificial Intelligence and Machine learning
Coimbatore Institute of Technology
Coimbatore-14

To,

The Principal,
Coimbatore Institute of Technology
Coimbatore-14

To A/c

Raj

Respected Madam,

The students of II Year MSc. Artificial Intelligence and Machine learning (III Semester) students have completed their placement training classes conducted from 13/12/2021 to 30/12/2021 in online mode. The training was conducted by Innovative HR & Training services Pvt. Ltd. Coimbatore for a total of 48 hours with a student strength of 57.

In this regard, I request you to kindly permit me to process the payment of Rs 71,250 (Seventy One Thousand Two Hundred and Fifty) to the vendor towards the same.

Thanking you

Maheshwari

31/01/2022

(Internship Co-ordinator)

Yours sincerely
31/1/22

(H.O.D-i/c)

Dean-Computing
Dr.K.Shakthimala

COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE-14
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Circular

Ref: Apti-training/AI&ML/001/Dec-2021

08/12/2021

Aptitude Training for III Semester AI&ML 2020 Batch students will commence from 13/12/2021 till 27/12/2021. Regular online classes stand cancelled for the said period. Classes may resume after this as usual. Tutors may please inform faculty from other department.

Maheshwari/07/12/21
Internship Co-ordinator

[Signature]
07/12/21
H.o.D i/c

[Signature]
Dean-Computing

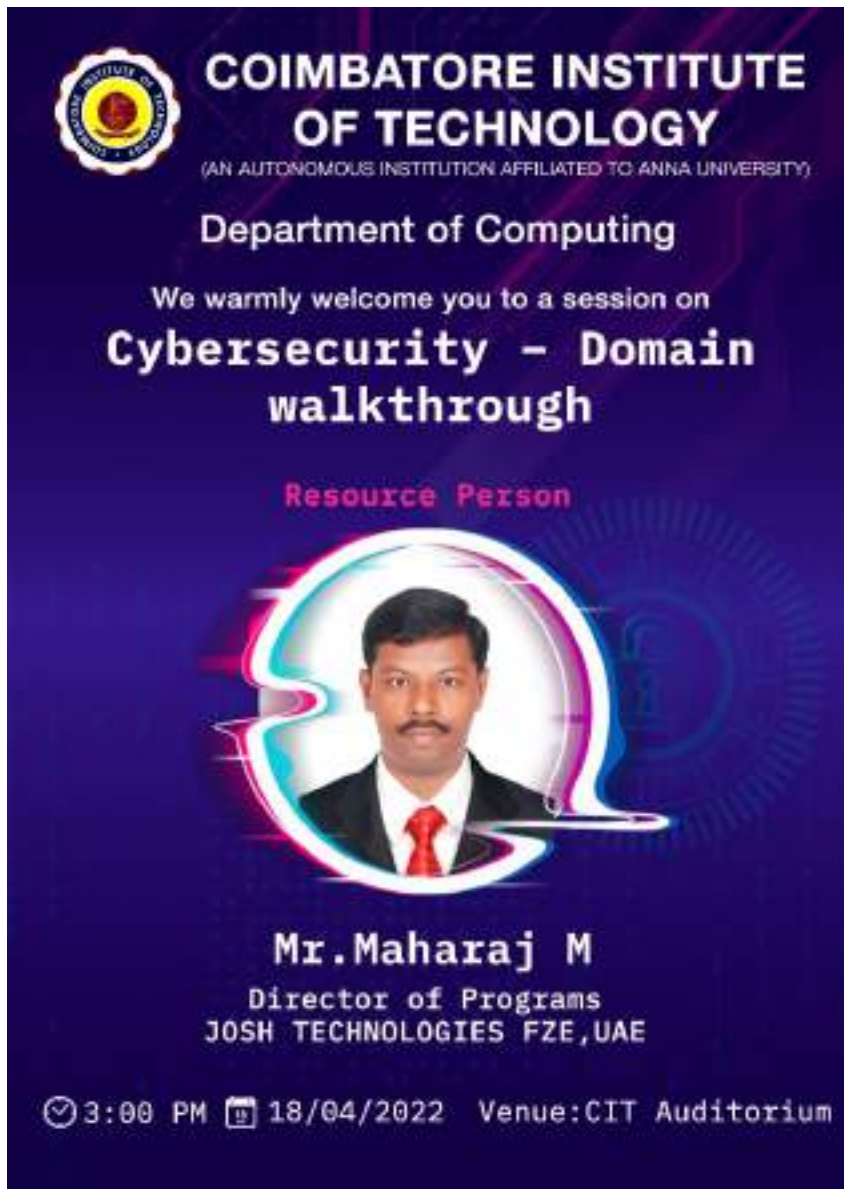
Tutor,
II Msc (AI&ML)
III Sem → *[Signature]* 7/12/2021
(Dr. Chandra Blessie)

Cyber Security Talk

Resource Person Details

Dr. Maharaj,
Jose Technologies,
UAE

The session was aimed to promote knowledge about cybersecurity to the students. It was an informative and interactive session for the students.



The poster is for a Cybersecurity session at Coimbatore Institute of Technology. It features the institute's logo in the top left corner, which is a circular emblem with a yellow center and a blue border. The text on the poster is as follows:

**COIMBATORE INSTITUTE
OF TECHNOLOGY**
(AN AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY)

Department of Computing

We warmly welcome you to a session on
**Cybersecurity – Domain
walkthrough**

Resource Person


A portrait of Mr. Maharaj M, a man with a mustache wearing a black suit, white shirt, and red tie. The portrait is set within a stylized, colorful, circular frame with a white border and a blue and red gradient background.

Mr. Maharaj M
Director of Programs
JOSH TECHNOLOGIES FZE, UAE

🕒 3:00 PM 📅 18/04/2022 Venue: CIT Auditorium



Coimbatore Institute of Technology
Department of Artificial Intelligence and Machine Learning
Event Date – 8.5.2022

Areas to concentrate on for the best internship opportunities and specific lifestyle modification to follow in order to achieve.

Resource Person Details:

Ms. Laxman Prabha,

Software Engineer,

Oracle

Ms. Laxman Prabha's session was focused towards areas to concentrate on for the best internship opportunities and specific lifestyle modification to follow in order to achieve. It was a most essential and interactive session for the students.





Shaw

Coimbatore Institute of Technology

M. Sc. AI & ML

Webinar- Introduction to computers by Mr.Anand, System Admin

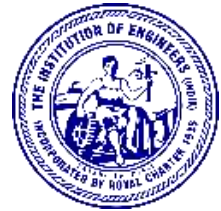
12-11-21 & 20-11-21

Webinar on Introduction to Computers was conducted on 12-11-21 & 20-11-21

By Anand, system Admin, Cit. Around 60 students participated in the event and gained knowledge.



Shanu



COIMBATORE INSTITUTE OF TECHNOLOGY

(Government Aided Autonomous Institution Affiliated to Anna University,
Chennai-60025)

with

DEPARTMENT OF ECE

CIT ECE Association

IEI Student's Chapter and

IETE Student's Chapter

Academic year: 2021-2022

REPORT

Webinar on Network Security

PROGRAM DETAILS:

DATE: 22/01/2022

TIME: 10.00 a.m.

RESOURCE PERSON: Mrs. APPHIA JEYARAJ
FJ12 Level Engineer,
Fujitsu Global IT Services
and Solutions Fujitsu India
Chennai.

CONVENER: Dr. A. RAJESHWARI

FACULTY COORDINATORS:

Dr. B. BHUVANESHWARI

Mr. P. SATHEESH KUMAR

Dr. T. BALA KUMARAN

Dr. G. PUVANESHWARI

Ms. N. DEEPA

Ms. K.M. PRIYA

PARTICIPANTS: Second year & Third year Students of ECE Department.

TOTAL NUMBER OF PARTICIPANTS: 150

MODE OF INTERACTION: Online

PLATFORM: GOOGLE MEET

MEET ID: <https://bit.ly/3nJosHw>

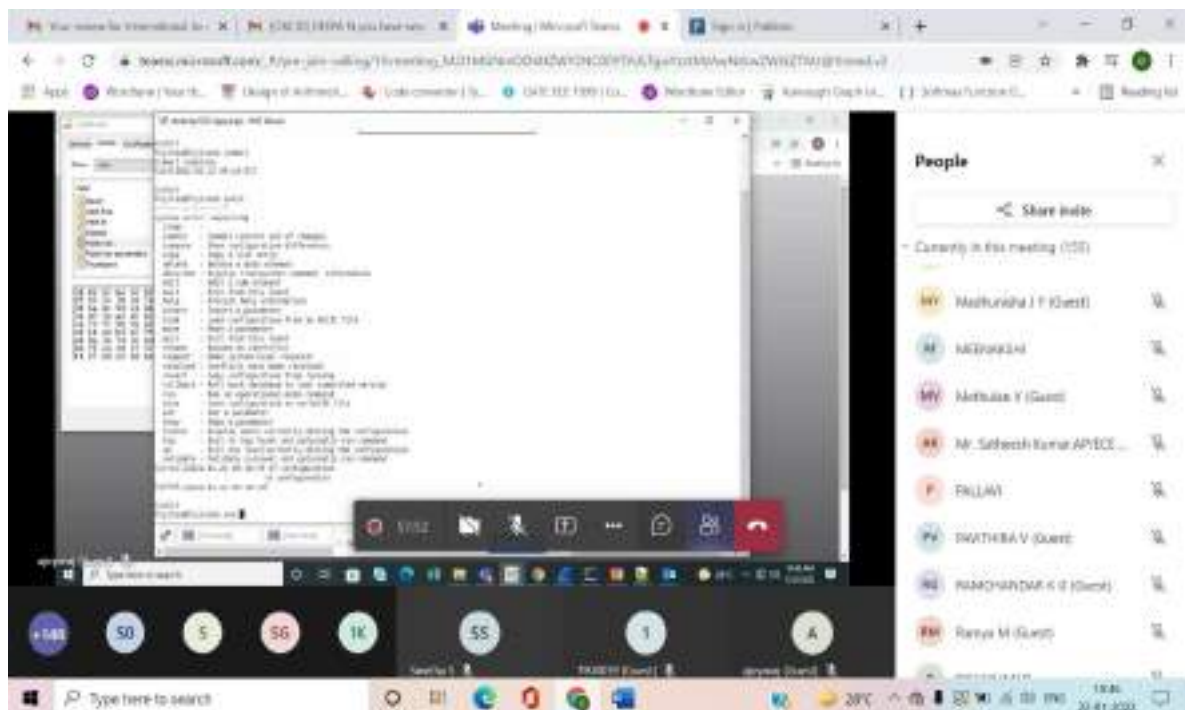
PROGRAM DESCRIPTION:

“As the world is increasingly interconnected, everyone shares the responsibility of securing the network.”

Network Security refers to the measures taken by any enterprise or organization to secure its computer network and data using both hardware and software systems. This aims at securing the confidentiality and accessibility of the data and network. Every company or organization that handles large amount of data, has a degree of solutions against many cyber threats. It is the duty of network administrators to adopt preventive measures to protect their networks from potential security threats.

Mrs. Apphia Jeyaraj, our honorable speaker of the session engaged all the students with full excitement throughout the session with her impressive words and advise. The guests also gave few cheerful words to the students who were worried about their future. The event concluded with an address by our faculty in-charge and Vote of thanks to everyone. On the whole, the program was really an educative session and gave a clear vision about the importance of network security and having to lead a secured career in future.

SCREENSHOTS OF WEBINAR:



FIPS-140 (Federal Information processing standards) FUJITSU

- This standard is applicable to all Federal agencies that use cryptographic-based security systems to protect sensitive information in computer and telecommunication systems
- What -> Security framework for 4 levels of increasing security levels
- How -> Certification through an approved lab for FIPS
 - Consultants can help
- Defined roles for FIPS-140-2 Level 2.
- Re-Cert intervals
- HW/SW respins

11

People

Share invite

Currently in this meeting (14/2)

- Adesh K R (Guest)
- Ashwini (Guest)
- ANURUTHA
- ARAVIND
- DEEPAHARSHINI
- Dr. Sakumoni (Organizer)
- Dr. Abhishek (Guest)
- FAZL
- GEORGE

Type here to search

FIPS-140 (Federal Information processing standards) FUJITSU

- Cryptographic Module Specification - define Crypt boundary
- Cryptographic Module Ports and Interfaces
- Roles, Services, and Authentication - role based authentication
- Finite State Model - define state transitions
- Physical Security - tamper evidence
- Operational Environment
- Cryptographic Key Management - approved RNG to generate Keys, security functions
- Electromagnetic Interference/Electromagnetic Compatibility (EMI/EMC)
- Self Tests
- Design Assurance

11

People

Share invite

Currently in this meeting (14/2)

- HARSHINI
- Hemashree S (Guest)
- ISATHYKA (Guest)
- JITHA
- KRISHNASEE
- LAJITH
- Madhurika J P (Guest)
- MEDHAKSHI
- Mr. Sathesh Kumar AP/SCS

Type here to search

POSTER:



COIMBATORE INSTITUTE OF TECHNOLOGY
(GOVERNMENT AICTE) AUTONOMOUS INSTITUTION AFFILIATED TO AMMA UNIVERSITY, CHENNAI-600022.

DEPARTMENT OF ECE
WELCOMES YOU ALL TO THE

Webinar on
NETWORK SECURITY

SPEAKER
Mrs. Apphia Jeyaraj
FJ12 Level Engineer,
Fujitsu Global IT Services
and Solutions Fujitsu India,
Chennai.

22nd SATURDAY @ 10:00AM

You're Invited!

MEET URL: <https://bit.ly/3nJosHw>

CONVENER: Dr. A. RAJESWARI

FACULTY COORDINATORS:

Dr. B. BHUVANESHWARI	Mr. P. SATHEESH KUMAR
Dr. T. BALA KUMARAN	Dr. G. PUVANESWARI
Ms. N. DEEPA	Ms. K. M. PRIYA

GATE TRAINING IN COMMUNICATION ENGINEERING

PROGRAM

PROGRAM DETAILS

DATE: 12/01/2022

TIME: 10:00 AM to 12:00 PM

RESOURCE PERSON:

Mr.Seravan kumar C
IES
Senior Teaching Faculty
Ace Engineering Education Private Limited
Andra Pradesh.

PARTICIPANTS: Students of ECE Department.

TOTAL NUMBER OF PARTICIPANTS: 219

MODE OF INTERACTION: Online mode of Interaction.

PLATFORM: Zoom

MEET ID: 966 7907 4481

PROGRAM DESCRIPTION:

The ACE academy gave an detailed explanation about the GATE exam.The GATE (Graduate Aptitude Test in Engineering) is an All India level exam conducted by IISc-Bangalore and the Seven old IITs i.e. IIT Roorkee, IIT Delhi, IIT Guwahati, IIT Kanpur, IIT Kharagpur, IIT Madras and IIT Bombay. It's goal is to test the technical aptitude of engineers. GATE 2022 is being conducted by IIT Kharagpur.

The exam is a computer based online exam. It is conducted on the second or third weekend of February each year across multiple cities and candidates will either take the paper in the forenoon (9:30 am – 12:30 pm) slot or in the afternoon (2:30 pm – 5:30 pm) slot. Once a student takes the GATE, their score is valid for 3 years.

Each year, approximately 1.5 lakh students appear for the GATE exam from the ECE stream. The reason for this is that preparing for GATE offers multiple advantage. By cracking the GATE students get the following opportunities / advantages:

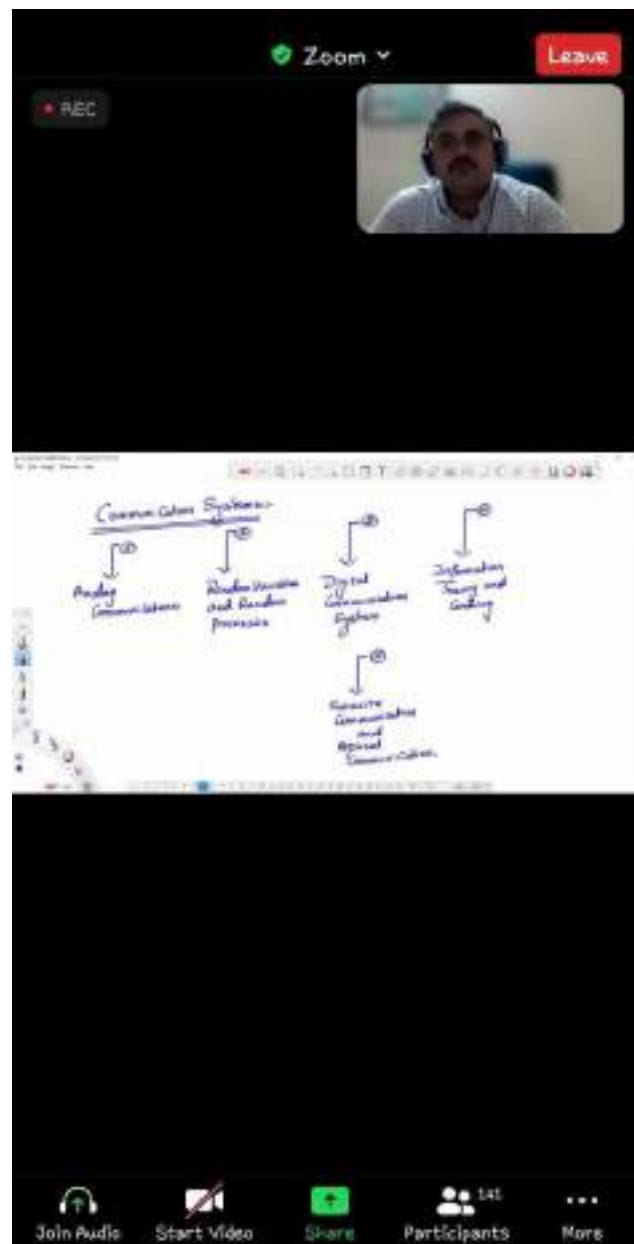
Cracking the GATE is a pre-requisite to pursue a masters degree from premier institutes like IISc, the IITs and the NITs. A post graduate degree from these institutes leads to a better chance of placement into top companies like Google, Microsoft, Samsung, CISCO

etc. Additionally, these programs are cheap as they are subsidized by the Indian government.

What's more is that students who pursue their degree from these institutes are eligible for a monthly scholarship of Rs 12,400. This means that earning a degree from these institutes is practically!

The program was much useful and informative on a whole.

SCREENSHOTS OF THE PROGRAM:



Zoom

Leave

REC



COMMUNICATION SYSTEMS

CHIRAVAN KUMAR

Join Audio

Start Video

Share

Participants 115

More



COIMBATORE INSTITUTE OF TECHNOLOGY

(GOVERNMENT AIDED AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY, CHENNAI-600025)

DEPARTMENT OF ECE

INVITES YOU ALL TO THE



SPEAKER



Mr. Seravan Kumar C
IES

Senior Teaching Faculty
Ace Engineering Education
Private Limited
Andhra Pradesh.

12-01-2022
WEDNESDAY

10:00 AM

REGISTRATION LINK:
<https://bit.ly/3f9CE80>

-
"FIELD VISIT TO PRE-INCUBATION UNIT"
(PRINTED CIRCUIT BOARD FABRICATION UNIT)

OBJECTIVE:

- To develop ideas to solve design problems for societal issues using technology for the betterment of human life
- To provide an exposure to students about practical working environment and to create awareness about industrial practices.

Benefits in terms of learning/skill/knowledge obtained:

- Understanding on the need and significance of technology in day to day life.
- Knowledge on different real time applications, required components for deployment and different phases of product development.
- Understanding on the process involved in fabrication of printed circuit boards

Academic Year: 2021-2022

Program Driven by: IIC Calendar Activity

Month: January

Program/Activity Name: Field Visit to Pre-Incubation Unit (PCB fabrication Laboratory Unit)

Program Type: Field Visit

Program Theme: concept development

Date & Duration: 11.01.2022, 2 hours

Student Participants: 145

Faculty Participants: 5

Expenditure: Nil

Star Performer:

Faculty: Dr.G.Puvaneswari & Mrs.K.M.Priya

Student: Ms.Preethi

Resource Persons:

- 1) Mr. G.Gowtham Raj
Technical Manager, Enthi Technology Solutions India Pvt.Ltd
- 2) Mr.R.S.Jothi Prasanth, Technical Engineer, Enthi Technology Solutions India Pvt.Ltd

Convener:

Dr.A.Rajeswari

Professor & Head

Department of ECE, CIT

Coordinators:

- Dr.G.Puvaneswari, Assistant Professor (SG), ECE, CIT
- Mrs.K.M.Priya, Assistant Professor, ECE, CIT

Mode: online

Meeting link: [https://teams.microsoft.com/l/meetup-](https://teams.microsoft.com/l/meetup-join/19%3ameeting_N2I4ZWNkYWQtNDBiYy00MmMzLTg5OTkt0GE3Zjg1ZGNjOWMx%40thread.v2/0?context=%7b%22Tid%22%3a%228c25f501-4f7e-4b41-9aa6-bdd5f317d4e4%22%2c%22Oid%22%3a%22d089d918-948c-4faf-9df3-3ae887e6bb39%22%7d)

[join/19%3ameeting_N2I4ZWNkYWQtNDBiYy00MmMzLTg5OTkt0GE3Zjg1ZGNjOWMx%40thread.v2/0?context=%7b%22Tid%22%3a%228c25f501-4f7e-4b41-9aa6-bdd5f317d4e4%22%2c%22Oid%22%3a%22d089d918-948c-4faf-9df3-3ae887e6bb39%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_N2I4ZWNkYWQtNDBiYy00MmMzLTg5OTkt0GE3Zjg1ZGNjOWMx%40thread.v2/0?context=%7b%22Tid%22%3a%228c25f501-4f7e-4b41-9aa6-bdd5f317d4e4%22%2c%22Oid%22%3a%22d089d918-948c-4faf-9df3-3ae887e6bb39%22%7d)

Resource Person's Profile:

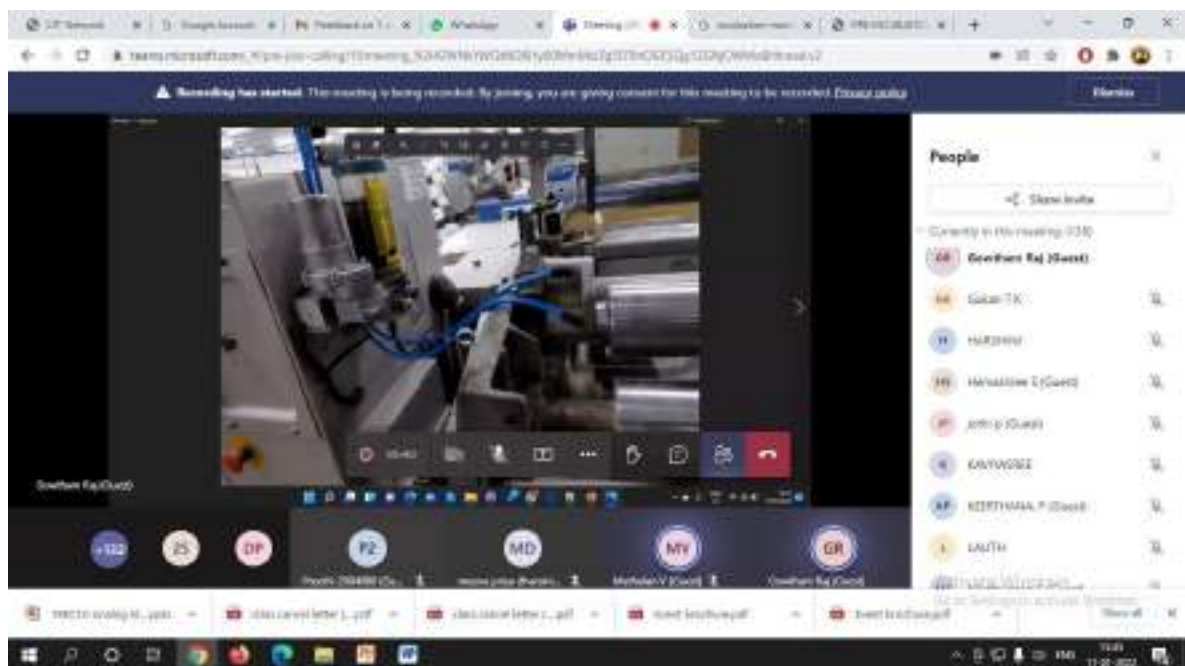
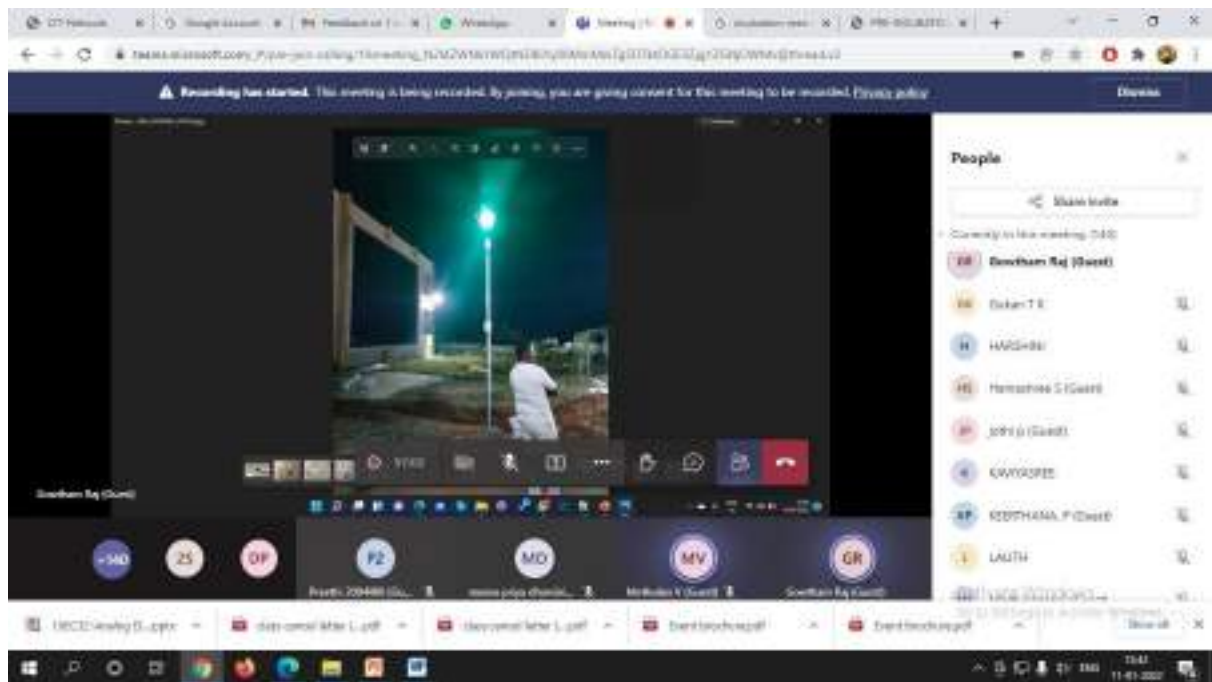
Mr.G.GOWTHAM RAJ: Senior Technical Engineer in Enthu Technology Solutions India Pvt. Ltd., from 2017 and Technical Manager from April 2019. He is Involved in New Product Development and training in the following fields such as LoRaWAN Communication, Internet of Things using Raspberry pi and Python, Python with Data Science, Zigbee Communication, Bluetooth communication, Digital Hardware design, FPGA Implementation of Digital circuits using Verilog HDL in Xilinx, FPGA Implementation of Digital circuits using VHDL in Xilinx, Digital IC design using Microwind and DSCH.

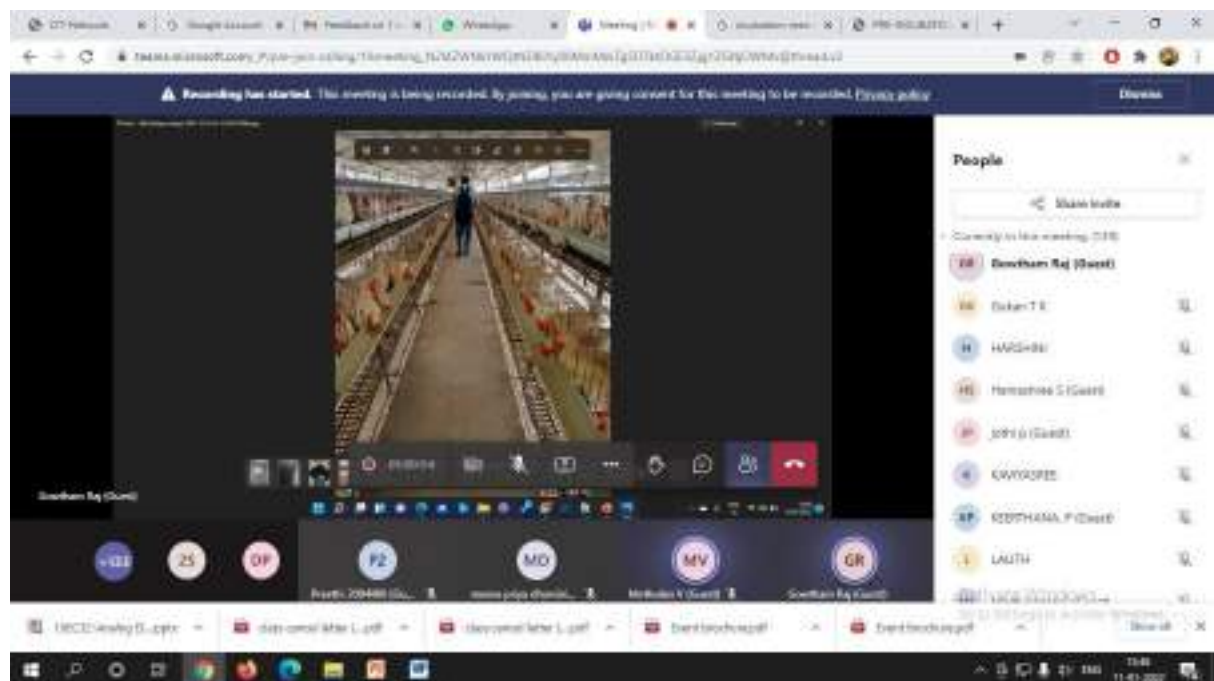
Mr. R.S.JOTHIPRASANTH: He is a Technical Engineer in Enthu Technology Solutions India Pvt. Ltd., from July, 2020. He worked as Embedded Engineer and PCB Designing, from December, 2019 to June, 2020 in TRACKER WAVE PRIVATE LIMITED Chennai. He has Development & Training Experience in Autodesk EAGLE, Electronic Components Footprint Creating, PCB Layout design, KiCAD Software, PCB Board Design in Altium Software, Prototype PCB Board design and Printed in 1500W CNC Machine.

The field visit to pre incubation unit (PCB fabrication Laboratory Unit) is conducted by the department of Electronics and Communication Engineering as a part of IIC Calendar Activity jointly with IIC, CIT, Coimbatore & Enthu Technologies Pvt.Ltd., Coimbatore. Dr.A.Rajeswari, Professor and Head of the department of ECE welcome the resource persons and the participants. Mr.G.Gowtham Raj, Senior Technical Engineer, Enthu Technology

Solutions India Pvt. Ltd, Coimbatore shared his experience in the field of design and development of electronic products. He explained the significance of technology in our day today life and various products developed and deployed in Enthru technology Solutions India Pvt. Ltd. He was explaining about the different products such as smart street light, smart control for industrial process, Automatic temperature controller in boilers and the components used for developing, working of those products, installation guidelines and fabrication. Mr. R.S.Jothi Prasanth, Technical Engineer in Enthru Technology Solutions India Pvt. Ltd was explaining about the different tools available for PCB fabrication. He was also explaining the process and step by step procedure involved in PCB fabrication and Gerber file generation. He was demonstrating the printing machineries used for printing or drilling the circuits on copper clad boards. He was also demonstrating the machines used to create PCB layer stack-up by laminating (heating and pressing) board materials at high temperatures.







EMPOWERING YOURSELF TO SUCCEED IN THE 21ST CENTURY

A Webinar was conducted on “Empowering yourself to succeed in the 21st century” jointly with ECE Association and IETE Students Forum, on 17th January 2022.

Resource Person

Mr.K.Chandrasekaran,
CIT ECE Alumnus 1968-1973,
Chief Consultant, LeadGrow Consulting
Bangalore





WEBINAR ON “INTELLECTUAL PROPERTY RIGHTS”

Objective: To create public awareness about the benefits of Intellectual property among all sections of society and to make the students aware of their rights for the protection of their invention done in their project work.

Benefits in terms of learning/skill/knowledge obtained:

- Knowledge on intellectual property law principles (including copyright, patents, designs and trademarks) to real problems and analyse the social impact of intellectual property law and policy.
- Knowledge on ethical and professional issues which arise in the intellectual property law context.
- Understanding on the work in teams, solve problems and manage time.
- Understanding on collaborative solutions to intellectual property problems

Academic Year: 2021-2022

Program Driven by: IIC Calendar Activity

Month: January

Program/Activity Name: “INTELLECTUAL PROPERTY RIGHTS”

Program Type: IPR

Program Theme: IPR Awareness Program

Date & Duration: 19.01.2022, 1 hour 15minutes

Student Participants: 125

Faculty Participants: 20

Expenditure: Nil

Star Performer:

Faculty: Dr.G.Puvaneswari & Mrs.K.M.Priya

Speaker:

Mr M.Madhanraj,

Examiner of Patents & Designs,

Indian patent Office,

Government of India,

Chennai

Convener:

Dr. A. Rajeswari
Professor & Head
Department of ECE,
Coimbatore Institute of Technology,
Coimbatore.

Faculty Coordinators:

Dr. B. Bhuvaneshwari	Mr. P. Satheesh Kumar
Dr. T. Bala Kumaran	Dr. G. Puvaneshwari
Ms. N. Deepa	Ms. K.M. Priya

Date & Time : 19.01.2022 & 11.00 P.M

Mode: online

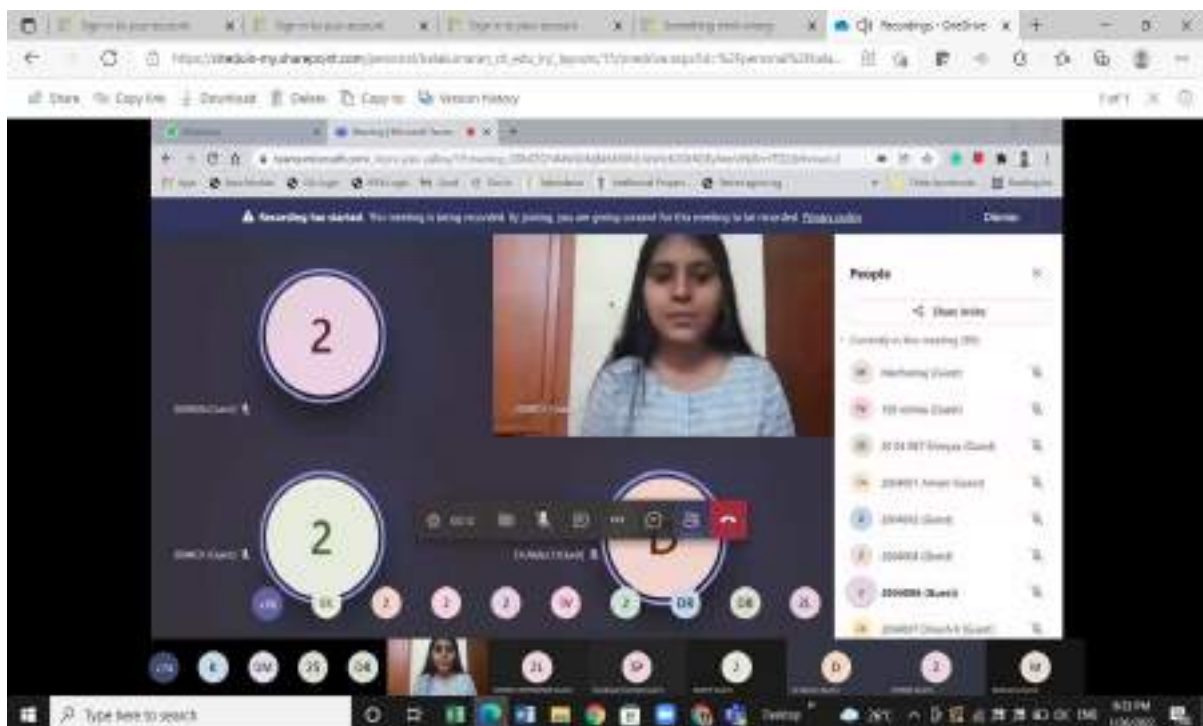
Gmeet link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_ODk0ZGY4MWQtNjBkMi00N2JiLWlzM2QtNDEyMmViNjRmYTQ2%40thread.v2/0?context=%7b%22Tid%22%3a%228c25f501-4f7e-4b41-9aa6bdd5f317d4e4%22%2c%22Oid%22%3a%2257297c8b-e4ea-41f8-bb5a-44afbca30567%22%7d

Speaker Profile:

Mr M.Madhanraj, Graduated Biomedical Engineering from College of Engineering Guindy, Master's Degree in Biomedical Engineering from SRM University, Joined as Examiner of Patents & Designs in Intellectual Property Office, Government of India in the year 2016.

The webinar on "Intellectual Property Rights" is conducted by the Department of Electronics and Communication Engineering as a part of IIC Calendar Activity jointly with IIC, CIT, Coimbatore & Indian patent Office, Government of India, Chennai. Dr. A. Rajeswari, Professor and Head of the department of ECE welcome the chief guest and the participants. The chief guest shared his experience about the intellectual property, it is a legal right that protect creations and/or inventions resulting from intellectual activity in the industrial, scientific, literary or artistic fields. The most common IPRs include patents, copyrights, marks and trade secrets and also explained about the differences between the normal person having intellectual property and the business man. He was explaining the types of intellectual property like Patent, Design, Trade

mark, Copy right, Geographical Indication(GI), Semiconductor integrated layout design, Trade secret. He defined about the Patent, it is an exclusive right granted for an invention, which is a product or a process that provides, in general, a new way of doing something, or offers a new technical solution to a problem. To get a patent, technical information about the invention must be disclosed to the public in a patent application. He explained the different products of patents, the products are shoes, cricket stems, and materials of clothing and discussed about the trademarks like Adidas, Blue Dart and FedEx. He was explaining the Semiconductor integrated layout design, it's a complex series of layers of semiconductor, metals and dielectrics. It should be original, distinctive, distinguishable from other layout design and have not been commercially exploited anywhere else and also tells about the Geographical Indication it is a sign used on products that have a specific geographical origin or a reputation that are due to that origin. He explained about the agreement of confidentiality (general law contract) and patent validity. It is valid up to 20 years, design for 15 years, trade mark indefinitely and copy right for life time of the author. He was explaining the fees e-filing in Intellectual Property Rights ,form filling procedure and approach for protection.



A WEBINAR ON “ HACKATHONS-ITS FOR EVERYONE”

OBJECTIVE: To provide an exposure to the faculty members about solution to societal issues and industrial needs.

Academic Year: 2021-2022

Program Driven by: ECE Association, IETE Students Forum, IEI Students Chapter, and IIC

IIC Calendar Activity

Month: February

Program/Activity Name: HACKATHONS-ITS FOR EVERYONE

Program Type: Webinar

Program Theme: Hackathon guiding session

Date & Duration: 09.02.2022, 1.30 hours

Faculty Participants: 30

Expenditure: Nil

Resource Persons:

Mr. Shriram Vasudevan

Project Manager at L&T Technology Services Limited

Convener:

Dr.A.Rajeswari

Professor & Head

Department of ECE, CIT

Coordinators:

- Dr.G.Puvaneswari, Assistant Professor (SG), ECE, CIT
- Dr.T.Balakumaran, Assistant Professor, ECE, CIT
- Dr.B.Bhuvaneswari, Assistant Professor, ECE, CIT
- Mrs.N.Deepa , Assistant Professor, ECE, CIT
- Mr.P.Satheesh kumar, Assistant Professor, ECE, CIT
- Mrs.K.M.Priya, Assistant Professor, ECE, CIT

Mode: online

Meeting link: [https://teams.microsoft.com/l/meetup-](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NzExMWE5MGEtMjc1OC00ZDJjLWJiMTItODI0NjliNzUzZjA5%40thread.v2/0?context=%7b%22Tid%22%3a%228c25f501-4f7e-4b41-9aa6-)

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[bdd5f317d4e4%22%2c%22Oid%22%3a%2257297c8b-e4ea-41f8-bb5a-44afbca30567%22%7d](#)

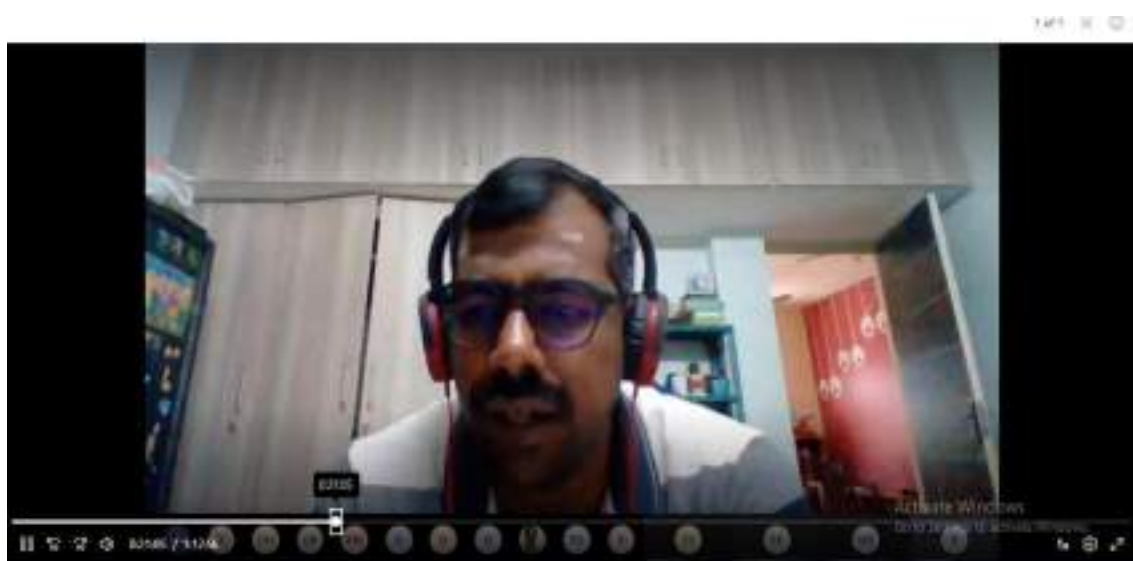
Resource Person's Profile:

Mr. SRIRAM VASUDEVAN is working as a project manager at L&T Technology Services Limited. He is well known for his top skills in Domain Networking, Operating Systems, Embedded Systems Tools, ClearCase, Requirements Analysis. He has authored and co-authored 42 books for reputed publishers across globe and authored 131 research papers in revered international journals, 33 papers in international/national conferences and granted with 6 patents. He had worked as a Senior Project Engineer at Wipro, Assistant professor at VIT University, Senior Engineer at Ancient Group. He has a blend of industrial and Teaching experience for 14 years.

He has participated over 100 Hackathons and won over 50 globally which clearly indicates that he is a hackathon and start - up enthusiast.

The HACKATHONS-ITS FOR EVERYONE is conducted by the department of Electronics and Communication Engineering Jointly with ECE Association , IETE Students Forum, IEI Students Chapter, and IIC CIT, Coimbatore. Dr.A.Rajeswari, Professor and Head of the department of ECE welcome the resource persons and the participants. A hackathon, is a social coding event that brings computer programmers and other interested people together to improve upon or build a new software program.







INSTITUTION'S
INNOVATION
COUNCIL



COIMBATORE INSTITUTE OF TECHNOLOGY

GOVERNMENT AIDED AUTONOMOUS INSTITUTE APPROVED BY AICTE, NEW DELHI

AFFILIATED TO ANNA UNIVERSITY, CHENNAI

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Cordially invites you for the online webinar on

Hackathons

It's for everyone

FEBRUARY 09, 2022

@10.30 am

Meeting Link: <https://bit.ly/3L6MB4V>

RESOURCE PERSON:

Mr. Shriram Vasudevan

Project Manager at L&T Technology Services Limited,
Bengaluru, Karnataka, India

CONVENER

Dr.A.Rajeswari

FACULTY CO-ORDINATORS

IIC	IETE	IEI	ASSOCIATION
Dr. G. Puvaneswari	Dr.B. Bhuvaneshwari	Dr.T.Balakumaran	Mrs.N.Deepa
Mrs. K.M. Priya	Mr.P.Satheesh Kumar		

COIMBATORE INSTITUTE OF TECHNOLOGY
(Government Aided Autonomous Institution Affiliated to Anna University)

COIMBATORE - 641014



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

FIRST YEAR B.E ECE STUDENT INDUCTION PROGRAM

8th November 2021 to 13th November 2021

08.11.2021 (Monday)

Session Time : 10.00 A.M. – 10.45 A.M

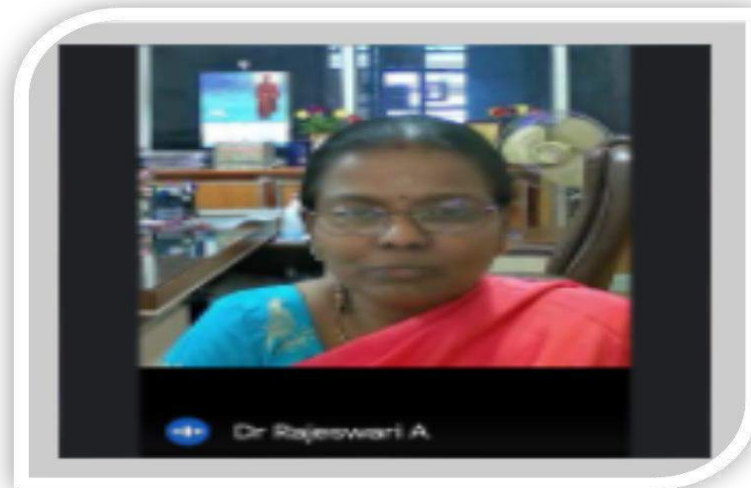
Name of the speaker : Dr.A.Rajeswari
Principal In-charge,
Professor & Head
Department of ECE
Coimbatore Institute of Technology
Coimbatore-14

Topic : Insight into the Department

Department level Student Induction program for the first year started on 08/11/2021 with the address by Dr.A.Rajeswari, Professor and Head, Department of ECE, CIT. She delivered a felicitation address by welcoming the fresher to ECE Department and addressed the students regarding the teaching learning process. She discussed on the importance of mathematics and the prerequisites required for studying maths and other analytical subjects. She instructed the students to review their strength and weakness and set learning and future goals. She asked the students to practice coding from the first day of entry in to the college. She shared a presentation and discussed on the following aspects of ECE Department:

- Mission and vision of ECE department
- Teaching and non-teaching faculties and their experiences
- Tutors and senior tutor
- Major strengths of the department
- Innovative practices in teaching and learning
- Industry collaborated courses
- Placement and Internship
- Higher studies
- Improvement in last 5 years
- IoT lab setup and various projects undergone in the Lab

- 5G Innovation centre
 - Alumni Entrepreneur
- Snaps Captured.....



PowerPoint Slide Show - ICT (BPT) YEAR VIII NOV 3, 2021 (Compatibility Mode) - PowerPoint

INNOVATIVE PRACTICES IN TEACHING AND LEARNING

- Choice based credit system
- Fast track courses, Open electives and Employment enhancement courses
- Problem based learning, Simulation of solutions and Web based
- Project based learning methods to enhance the innovative ideas of the students and relative thinking
- Timely and useful assessment of the students' performance and their feedback improve the teaching and learning process.
- Framework for excellence in research and training
- Online courses offered by NPTEL, EdX, QEEE Videos for specialized courses
- Tutorials for all analytical classes and evaluated periodically
- Assignments to improve the analytical and reasoning skills
- Content beyond the syllabus are highlighted/discussed in all subjects.
- Seminar to improve communication skills

11

Dr. Rajeswari A.



08.11.2021 (Monday)

Session Time : 11.00 A.M. – 11.30 A.M.

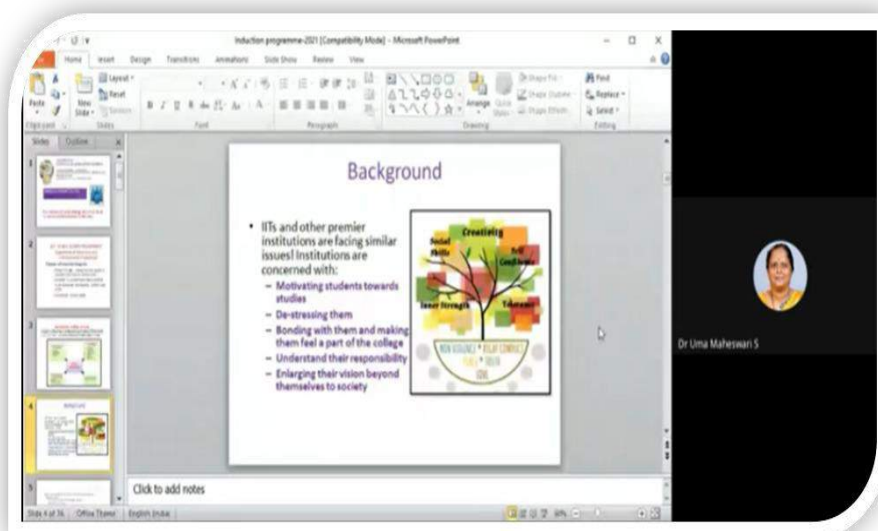
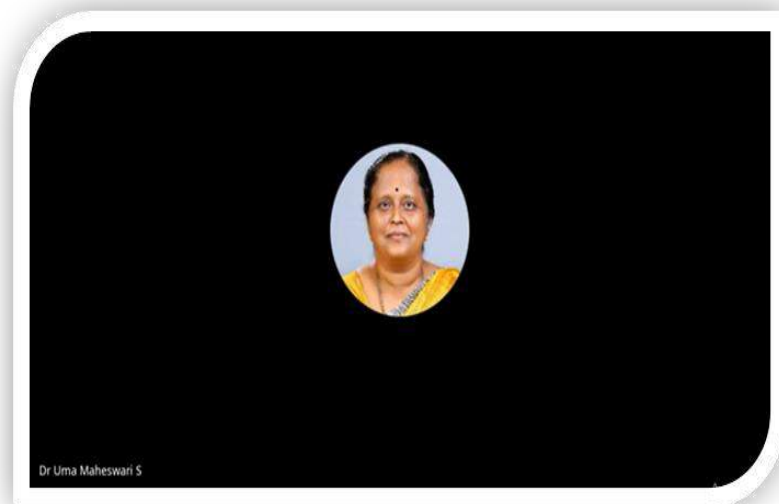
Name of the speaker : Dr.S.Uma Maheswari
Professor
Department of ECE
Coimbatore Institute of Technology
Coimbatore-14

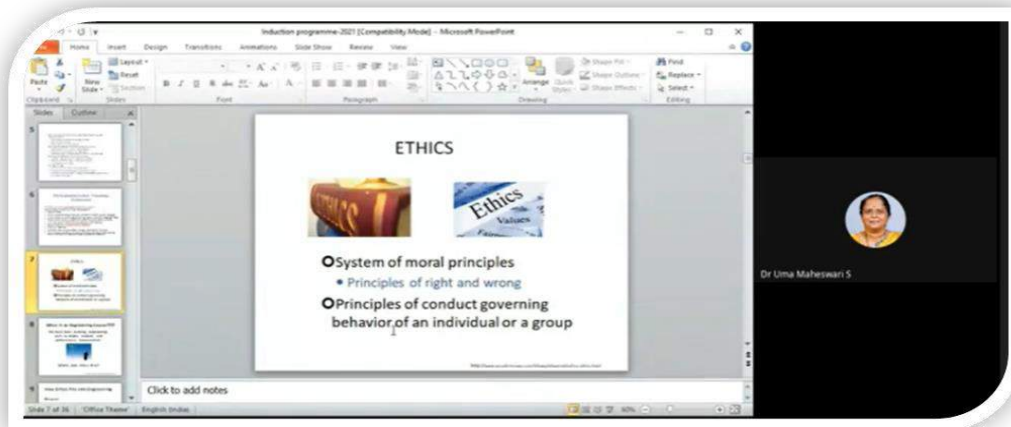
Topic : Human Values and Ethics in Engineering

In the morning session, Dr.S.Uma Maheswari, Professor, Department of ECE, CIT, addressed the students on Human values and Ethics in Engineering. She discussed on the purpose of induction program and the importance of educating human values to students. She conveyed the message that, Education in human values is a holistic approach to nurture physical, intellectual, emotional ,social and spiritual well-being of students by fostering the five core human values-Love, peace, non-violence, right conduct and truth. She advised the students to follow ethics and also advised the students to understand social and professional responsibility by the time of graduation. She instructed the students to have knowledge on the rules that preserves academic integrity and abide by them at all times. This includes learning and abiding by rules associated with specific classes, exams and course assignments, maintain 75% attendance and following dress code. She also discussed on

competition , excellence and introspection procedures. Finally, she ended with a note on few glimpse on Blooms taxonomy, student magazines, students achievements and awards.

Snap Captured.....





08.11.2021 (Monday)

Session Time : 11.30 A.M. – 12.00 NOON
Topic : Activity 1

In the last part of morning session, Senior tutor Dr.M.Poongothai, Associate Professor, Department of ECE, and tutors Dr.B.Premalatha, Dr.B.Bhuvaneshwari, Ms.C.Subha Priyadharshini and Ms.Diana Josephine introduced themselves to the first year students. A virtual tour of CIT campus and department laboratories were shown to the students. The tutors finally conducted Activity-1 and asked the students to submit the completed activity in google classroom.

The screenshot shows a document titled 'COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING ACADEMIC YEAR 2021-2022 TUTORS LIST'. The document lists the Chairman Tutor as Dr. A. Rajeswari. Below this, there is a table with three columns: 'UG/PG Programme', 'Tutors', and 'Senior Tutor/Mentor'. The table lists the tutors for the B.E ECE I- Year Section 1 and Section 2. On the right side of the document, there is a small orange circle with the letter 'P' and the text 'Premalatha B'.

UG/PG Programme	Tutors	Senior Tutor/Mentor
B.E ECE I- Year		
Section 1	1. Dr. B. Premalatha 2. Dr. B. Bhuvaneshwari	Dr. M. Poongothai
Section 2	1. Ms. C. Subha Priyadharshini 2. Ms. D. Diana Josephine	






SENIOR TUTOR

Dr.M.Poongothai M.E., Ph.D.
Associate Professor

You can find her at:
Mobile: +91-98946 35286
Email: poongothai@cit.edu.in
Venue: Library Block -L207








Dr Poongothai M



TUTORS





Dr.B.Premalatha M.E., Ph.d.,
Assistant Professor

Mobile: +91-99947 14595
Email: premalatha.b@cit.edu.in
Venue: IT Block-IT112



Ms.C.Subha Priyadharshini M.E.,
Assistant Professor

Mobile: +91-97103 24278
Email: subhapriyadharshini@cit.edu.in
Venue: Library Block-L304



Dr.B.Bhuvaneshwari M.E., Ph.D.,
Assistant Professor

Mobile: +91-9080034566
Email: bbbhuvaneshwari@cit.edu.in
Venue: Library Block-L304



Ms.D.Diana Josephine, M.E.,
Assistant Professor

Mobile: +91-9486642530
Email: dianajosephine@cit.edu.in
Venue: IT Block-IT418








Dr Poongothai M



QUESTIONNAIRE



✗ Write about any two persons* (– one from family and the other from the extended circle you know) who has motivated you and whom you consider as role model.

*You should have sufficiently interacted with that person. It may be a core family member / extended family member / teacher / neighbour).

✗ What I wish* to do in my life after completion of my B.E. Degree? (Min 5 points)

*Your desires; What kind of professional career/personal goals, how I project myself, etc.

✗ What will I do during my study period in this Institution to achieve my desires? (Reflect your own actions/behavior)







CONTD...

✗ My expectations from my family and Family Expectations from me.

(From mother, father, brother, sister, grandfather, grandmother, chacha, chachi, etc.)

Two categories:

1. Material requirement (tangible things) for the 'body' and
2. Non-material requirement (intangible things) like love, respect, care, etc. for the 'mind'.

Sl. No.	Family Member	Their expectations from me	My Expectation from them

ACTIVITY-01

FCE
SANJAY-V

- Q1) My inspiration from my family is my father Mr. D. Venuappal.

The thing I inspire from him is something that he will never express his difficulties both in the business or official point and in his personal life.

My inspiration from my close circle is my physics sir Mr. Kishanash

He has gone through many difficulties but still he keeps him motivated regularly and I still inspire this quality from him.

- Q2) My course that I would love to do after my B.E. Degree is

- * Primarily I would work hard for the development of my recruiting platform.
- * I would probably make my parents proud by being placed in great organisation in placements.
- * I would like to sharpen my knowledge by knowing the need that what an environment need where I belong.

- + Even after UG I would love to gain more knowledge from my teachers.
- * And finally I would like to earn some dignity from the society.

- Q3) I will most probably want to waste time during my study hours to achieve my goal.

- Q4) My expectation from my family:

MATERIALS: I actually don't expect any materials from my parents as they have given me all whatever I need.

Non-Materials: I would expect the same support and the care they have given me so far in my right actions and behaviours.

My family expectations from me:-

MATERIALS: I guess probably my parents don't expect any material from me.

Non-MATERIAL: I guess my parents would expect me to maintain the same discipline which I have now. And they will expect me to be happy in my life and earn some good respects from

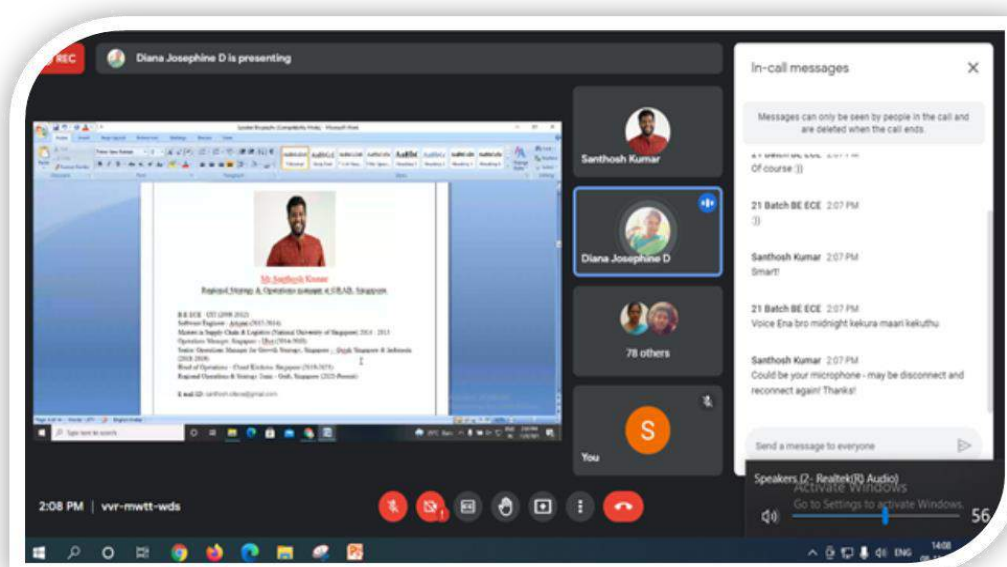
08.11.2021 (Monday)

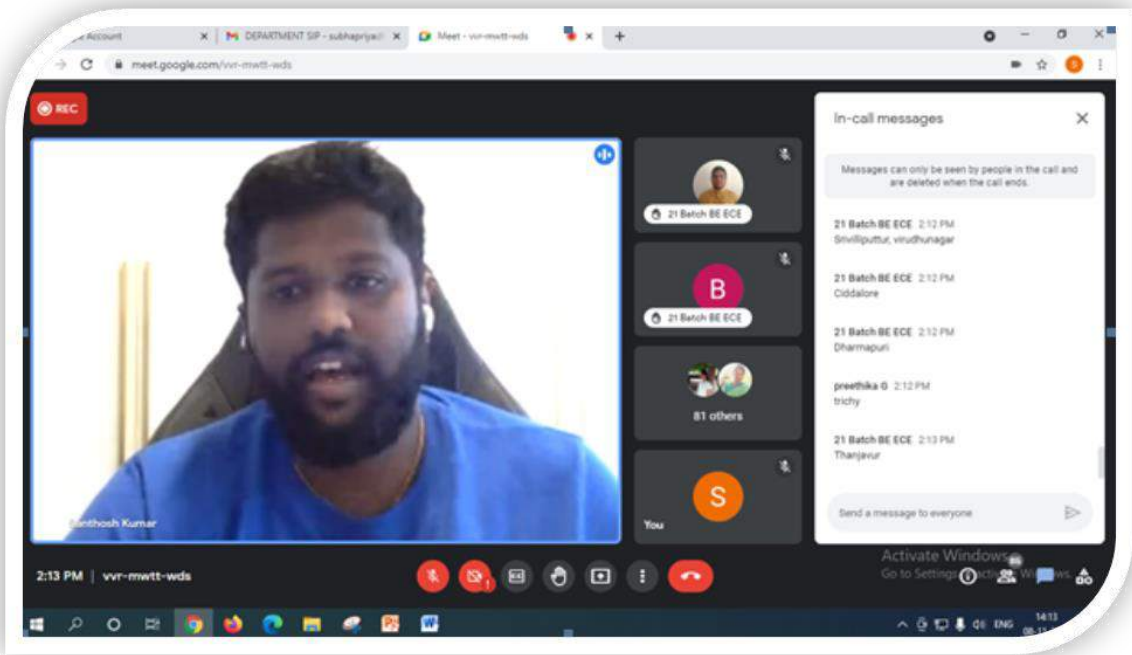
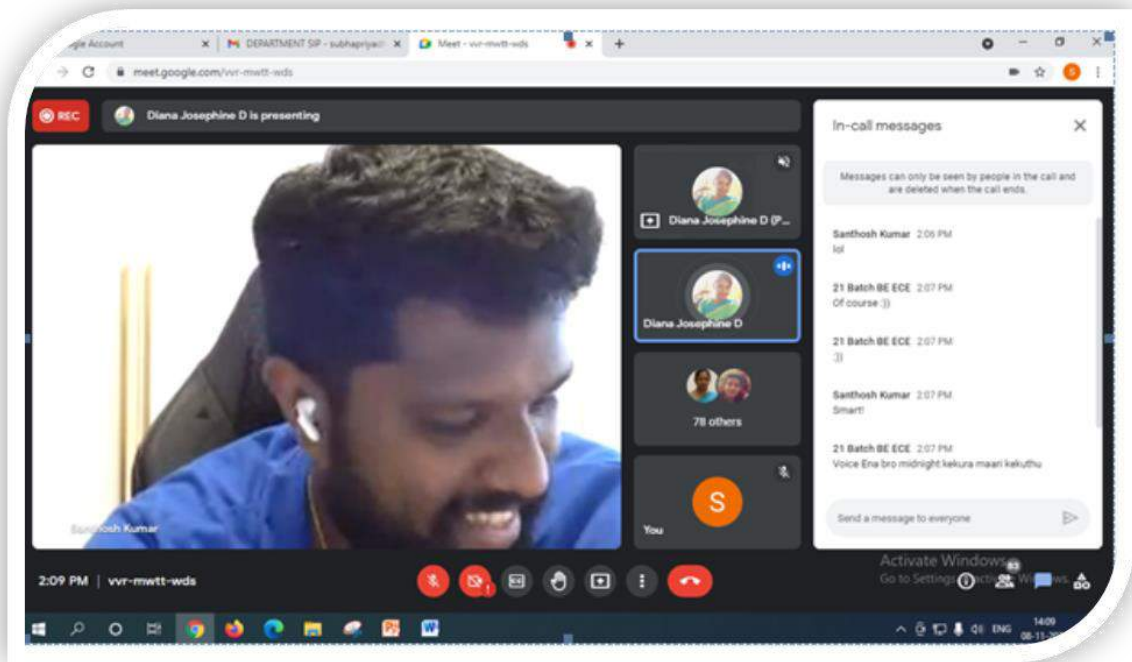
Session Time : 2.00 P.M. – 4.00 P.M.

Name of the speaker : Mr.Santhosh Kumar
Regional Strategy & Operations manager
GRAB, Singapore.

Topic : **Life at CIT &Life Ahead**

In the afternoon session, we had an inspirational speech by Mr.Santhosh kumar, Regional Strategy & Operations manager, GRAB, Singapore (CIT Alumni, 2008-2012 Batch) on the life at CIT and Life ahead. He shared his experiences on all the four years of his study at CIT. He also discussed on the placement preparations, core & non-core placements and higher studies. He advised the students to have a cordial relationship with the faculty members. He appreciated the students for selecting a prestigious institution for pursuing their engineering career. He addressed the students on various clubs and the activities carried out by the club members. Finally, he discussed on various memorable events he experienced in CIT during his college days. He answered to various queries raised by first year students.





09.11.2021 (Tuesday)

Session Time : 10.00 A.M. -12.00 A.M.

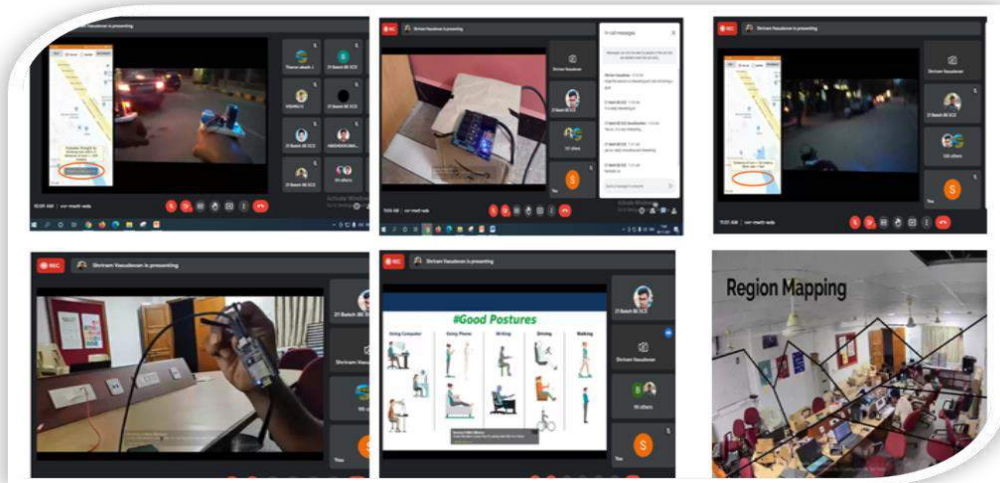
Name of the speaker : Dr.Shriram Vasudevan,
Principal Consultant,
Huawei Technologies India Pvt.Ltd., Bangaluru

Topic : Importance of Hackathons

The Morning session on 9.11.2021 started with a highly interactive talk on, "Importance of Hackathons ", by Dr.Shriram Vasudevan, Principal Consultant, Huawei Technologies India Pvt. Ltd., Bangaluru. He shared his experience in CIT and also addressed about Hackathon. He provided complete information to the first year students on different aspects of Hackathon like where to get ideas, how to participate it, Importance of Hackathon and how to win a hackathon/contest.



He encouraged the students to improve their ideas by interacting with people with common interests. He also guided the students on forming a good team, identify the correct /right contest, abstract /idea submission, finding solution, criteria for shortlisting the ideas and selection process. He also presented the demo of his award winning projects on "A deep learning product for modern day retail needs", "Automated doctor machine", " Real time OBD" and " Electra Automated system", which was highly informative and interesting to the students. His Ergo-Wear project motivated many students to enhance their skills and learning.



09.11.2021 (Tuesday)

Session Time

: 02.00 P.M. -04.00 P.M.

Name of the speaker

: Mr.Vinayak Prabhu ,
Masters in Advanced Signal Processing and
Communication Engineering (Msc. ASC),
University of Erlangen–Nuremberg, Germany.

Topic

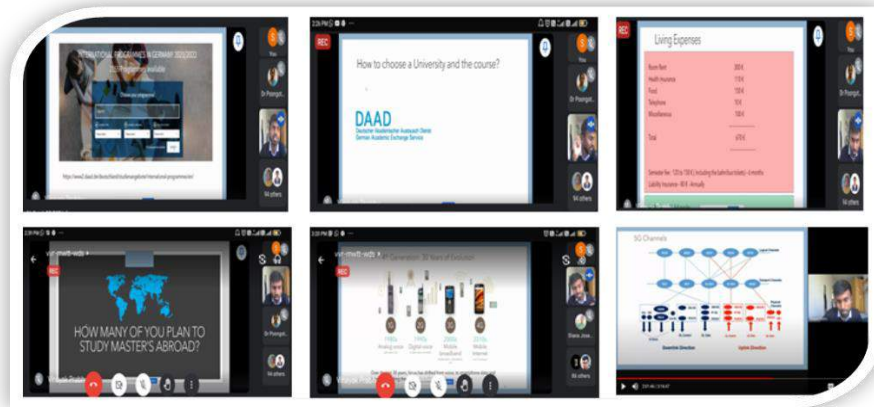
: A glimpse into Tomorrow

The Afternoon session was addressed by Mr.Vinayak Prabhu , Alumini of CIT, pursuing his masters in Advanced Signal Processing and Communication Engineering (Msc. ASC), University of Erlangen–Nuremberg, Germany.



He welcomed all the first year students and gave a talk on, “A glimpse into Tomorrow”. He shared his experience in CIT and then he discussed on CGPA

attainment for applying master's degree in foreign university, selection of university, international programmes opted by Germany, Canada and various fields available for Electronics and communication engineering.



He suggested few websites to choose best university and course in foreign countries. He also shared the requirements that are needed to get admission in foreign universities. He also discussed on basic introduction to 5G communication system and its deployment scenarios.

10.11.2021 (Wednesday)

Session Time : 10.00 A.M. – 10.30 A.M.

Name of the speaker : Dr.S.Uma
Professor
Department of ECE
Coimbatore Institute of Technology
Coimbatore-14

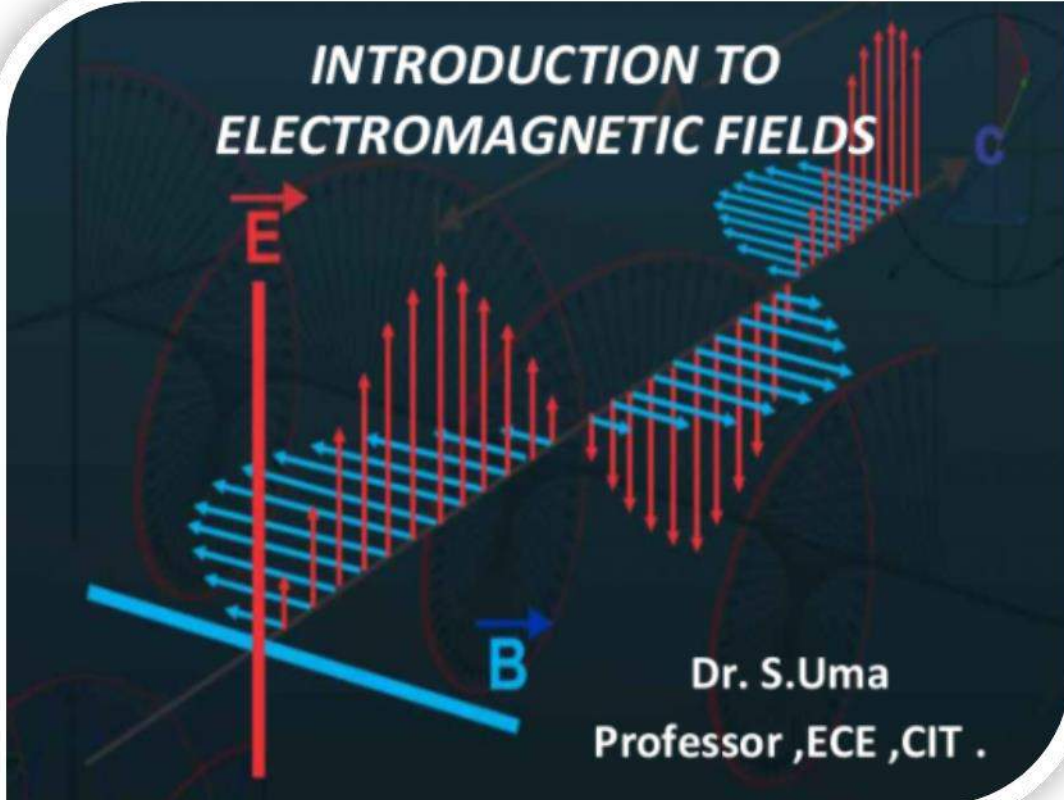
Topic : Introduction to Electro Magnetic waves

On 10.11.2021, Dr.S.Uma, Professor, Department of ECE, CIT, addressed the students on Introduction to Electro Magnetic waves. She discussed on Electro Magnetic Fields and its significance in different applications. She discussed on Electric and Magnetic fields, and on the basics of electro magnetic waves. She also discussed on the nature, properties, speed and mode of propagation of electro magnetic waves. Finally, she elaborated on the different types of wave propagation such as ground-wave, space-wave, sky-wave and line of sight propagation.



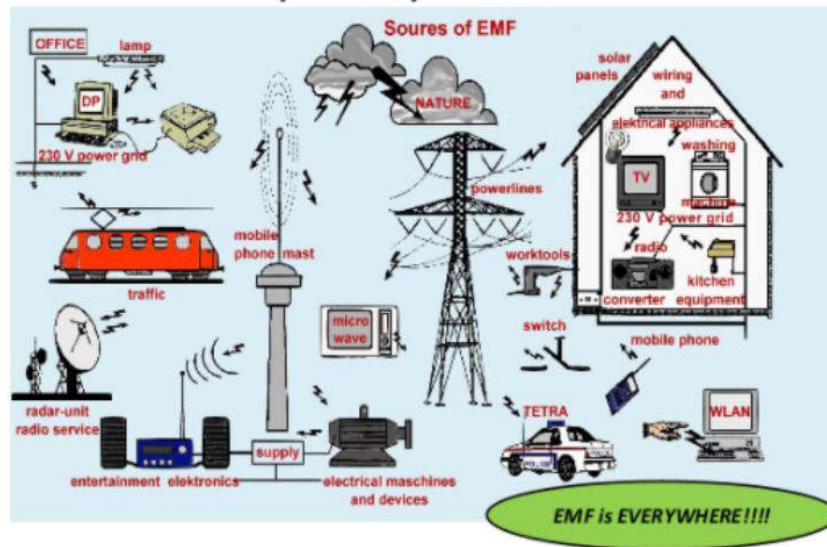
Dr.S.Uma M.E., Ph.D.
Professor, Department of ECE
Coimbatore Institute of Technology

INTRODUCTION TO ELECTROMAGNETIC FIELDS



Dr. S.Uma
Professor ,ECE ,CIT .

Why study EMF????



10.11.2021 (Wednesday)

Session Time : 10.30 A.M. – 11.00 A.M.

Name of the speaker : Prof.P.Chitra
Associate Professor
Department of ECE
Coimbatore Institute of Technology
Coimbatore-14

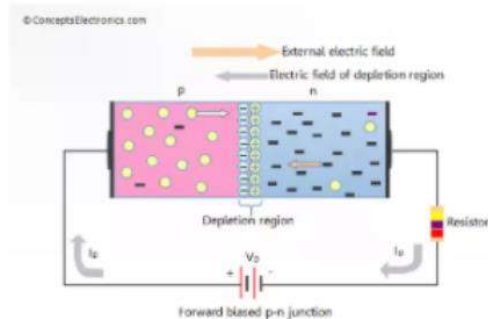
Topic : Introduction to Circuits

On 10.11.2021, in the second part of the morning session, Prof.P.Chitra, Associate Professor, Department of ECE, CIT, addressed the students on Introduction to Circuits. She presented an overview of Electronic circuits and the various theory and lab subjects covered in the curriculum in circuit domain. She discussed on fundamentals concepts of diodes, types of semiconductors, diode specification, transition and diffusion capacitance, Zener diodes and applications of diodes. She discussed on forward and reverse biased PN junction, diode current Shockley's equation, half wave and full wave rectification, clippers and clampers.



Ms. P. Chitra M.E.,
Associate Professor
Department of ECE
Coimbatore Institute of Technology

Forward biased junction



- P layer connected to positive terminal and N layer connected to n terminal of the battery.
- +ve charges from battery move towards p layer , cross the junction and reach the negative terminal and vice versa.
- Charge carriers cross the junction and contribute for the external current.

10.11.2021 (Wednesday)

Session Time : 11.00 A.M. -12.00 P.M.

Topic : Activity- 2 & Activity 3

Following the morning session, students had their activity session conducted by tutors. The main aim of this session is to enhance their communication skills and interpersonal skills in order to enrich the academic language skills (writing skills) for

academic writing, to learn to evaluate oneself for further growth, personally and professionally.





10.11.2021 (Wednesday)

Session Time

: 02.00 P.M. -04.00 P.M.

Name of the speaker

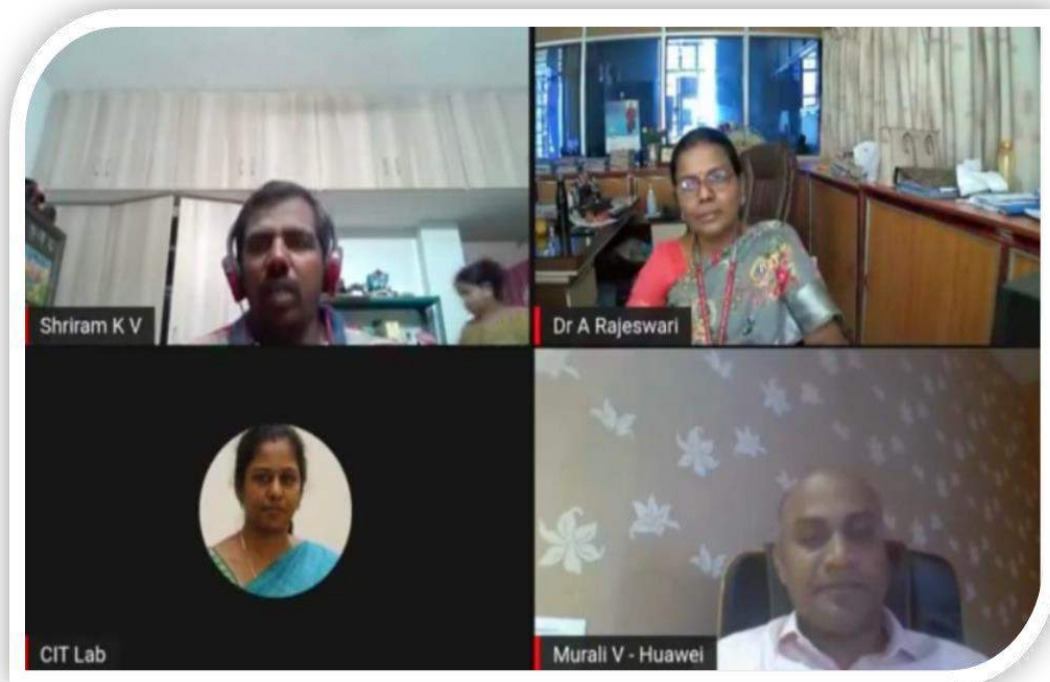
: Dr.Shriram Vasudevan & Mr.V.Murali

Huawei Technologies India Pvt.Ltd., Bangaluru

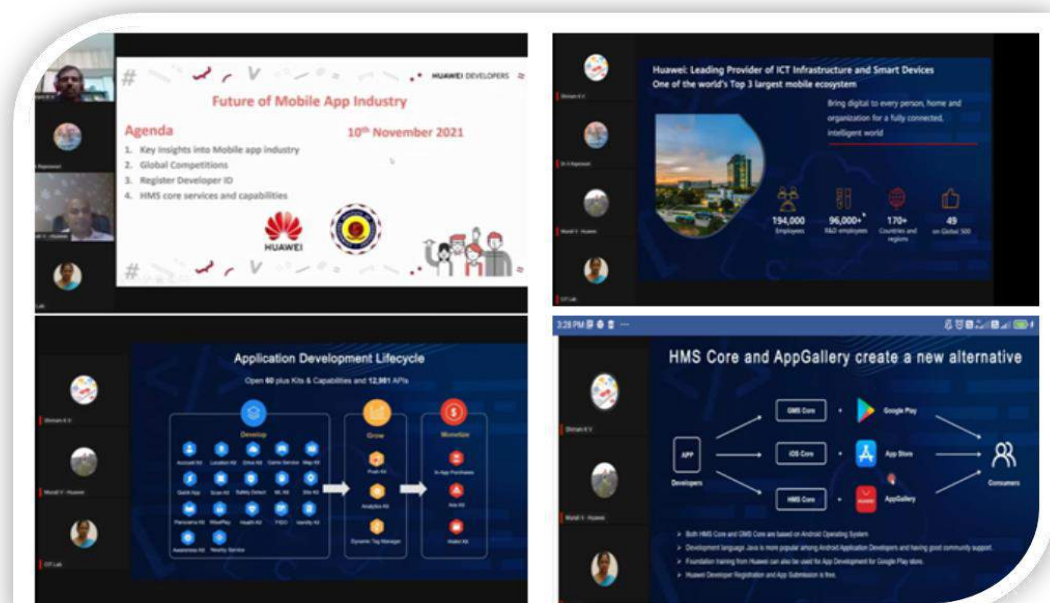
Topic

: Webinar on Mobile app Development
(HUAWEI Mobile phone services)

The Afternoon session started with a webinar on “Future of Mobile app development”, by Dr.Shriram Vasudevan & Mr.V.Murali from Huawei Technologies India Pvt.Ltd. The Main objective of this webinar is to improve the skillsets of the student and to provide industry exposure for their career development. They also discussed key insights about mobile app industry, HMS core services and capability.



They addressed the first year students about the certified training course on Mobile app development which will be useful for upgrading their skills on latest technology. Nearly 350 students participated in this webinar and get benefitted.



11.11.2021 (Thursday)

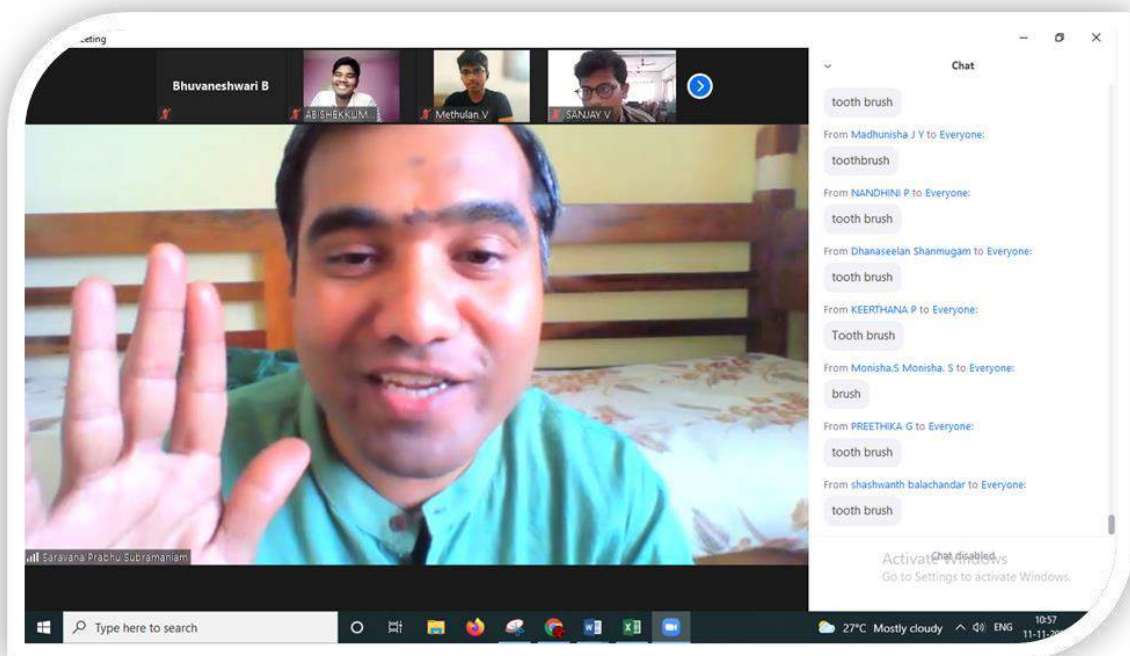
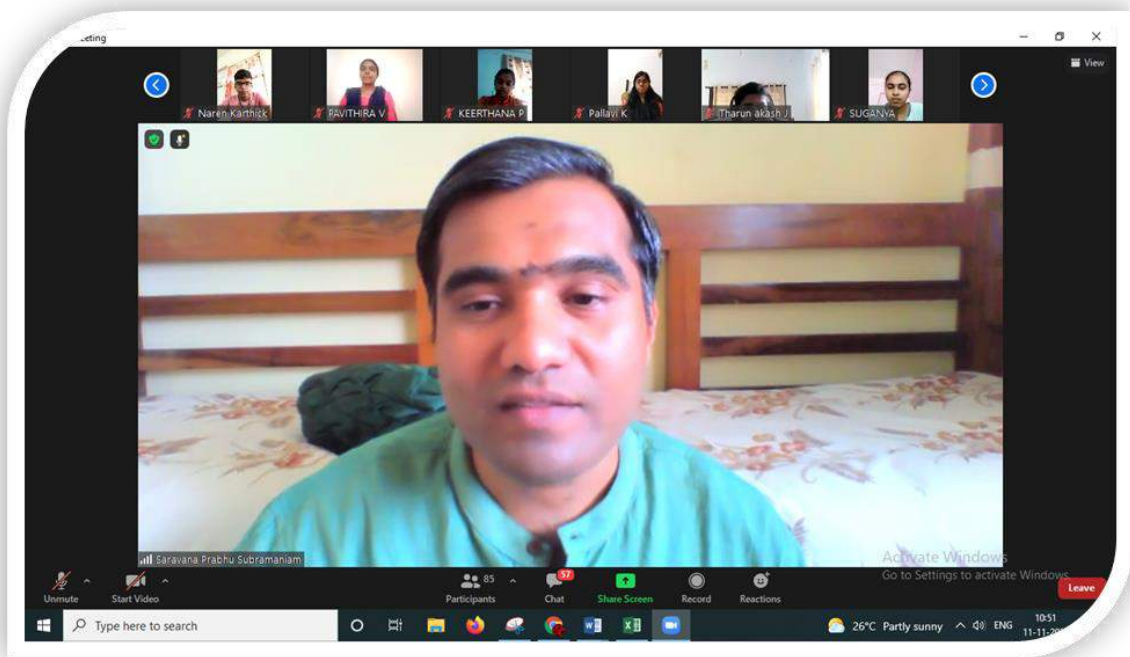
Session Time : 10.00 A.M. – 12.00 NOON

Name of the speaker : Mr.Saravana Prabhu
SQC Specialist,
Co Founder of AIM Foundation For Best Health,
YES!+ /Marma/Yoga/NLP Trainer and Wellness Coach

Topic : Unlearn the past for a bright future at CIT

In the morning session of 11.11.2021, Mr.Saravana Prabhu, SQC Specialist, Co founder of AIM foundation for best health, addressed the first year students on the various levels of existence such as body,breath, mind,intellect (understanding how life functions),memory and ego.He actively interacted with the students by conducting various activities related to the different levels of existence. He specified that meditation helps to decrease any tension-related pain and turn the body into a powerhouse, by generating an inner source of energy. He stated that meditation is the only way to transcend the negative thoughts, and positive thoughts will come spontaneously and automatically.Stress and tension cause negative attitude. With regular practice of meditation, the mind becomes fresh, energetic, and intuitive.The students participated actively in the session.





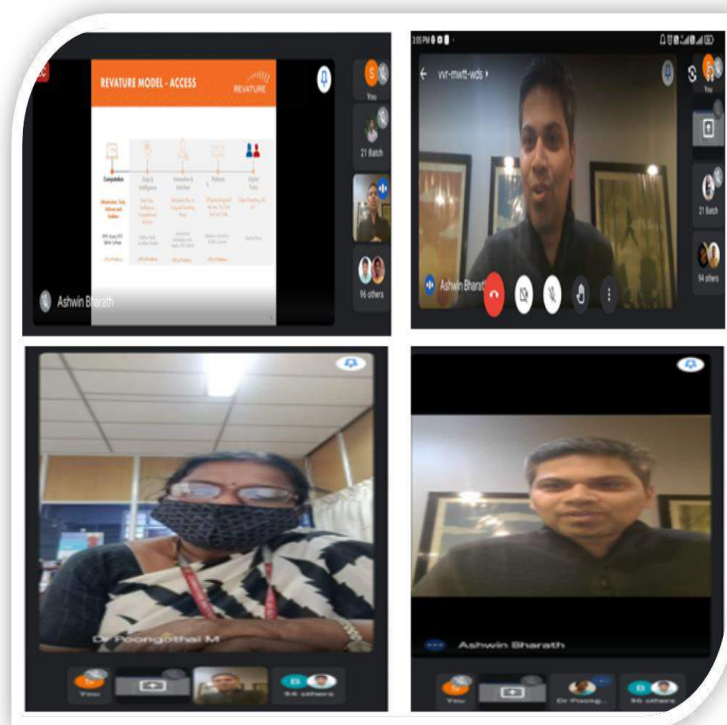
11.11.2021 (Thursday)

Session Time : 03.00 P.M. – 04.30 PM

Name of the speaker : Mr.Ashwin Bharath,
Co-Founder and CEO at Revature

Topic : Tech Roadmap - 24 months to 72 Months and a wishlist

The Afternoon session started with an inspirational speech on ,” Tech Roadmap - 24 months to 72 Months and a wishlist “, by Mr.Ashwin Bharath, Co-Founder and CEO, Revature. He stated that there are 500 billion new applications need to be created in the next 20 years and 97% of the engineering graduates coming from India are jobless. He discussed on Computation, Data and Intelligence and interacted with students related to Amazon Web services. He motivated the students to concentrate on programming. He highlighted on technologies which will be dominating for next two years. He recommended students to learn latest technologies like Edge computing and Digital twins. Finally, he answered the queries raised by first year students.



12.11.2021 (Friday)

Session Time : 10.00 A.M. -12.00 P.M.

Name of the speaker : Mr.S.P.Amrith,
Joint Commissioner Municipal Administration,
Chennai.

Topic : Preparation tips for UPSC and TNPC Exams

The Morning session was addressed by Mr.S.P.Amrith, Joint Commissioner Municipal Administration, Chennai, on the topic “Preparation tips for UPSC and TNPC Exams “. He motivated the students to prepare for UPSC and TNPC examinations. He stated that it would be a great pride and pleasure for the students to be part of CIT for their Engineering Graduation. He presented an introduction on UPSC exam, and also discussed on how one needs to equip themselves to prepare for this exam. He discussed on Civil service examination, examination process and list of various fields.



He gave tips regarding the examination process, question pattern, academy for different postings, service allocation, and syllabus for preparation and how to crack civil service exam. He advised the students to improve their general knowledge by reading newspaper,

and follow NCERT books which are the preliminary requirements for the preparation of Civil service exams. He discussed on TNPC preparation and gave tips to clear the exam. He also shared some government coaching centres in and around Tamilnadu available for training the students to crack competitive exams. Finally, he answered the questions raised by the students. The session was more interactive and useful.

12.11.2021 (Friday)

Session Time : 02.00 P.M. -04.00 P.M.

Name of the speaker : Mr.P. Karthikeyan & Mr. S.Aditya
Robert Bosch Engineering and Business Solutions

Topic : Automotive World- A Glimpse

The Afternoon session was addressed by Alumini of CIT , Mr.P. Karthikeyan & Mr. S.Aditya Subramanian, Software Engineers at Robert Bosch Engineering and Business Solutions. Both of them shared their experience at CIT and the key roles they held at CIT. They gave a brief introduction on Automotive world. They also discussed on the different types of engines, engine architecture, working process, internal combustion engines working & combustion process.



13.11.2021 (Thursday)

Session Time : 10.00 A.M. – 12.00 NOON

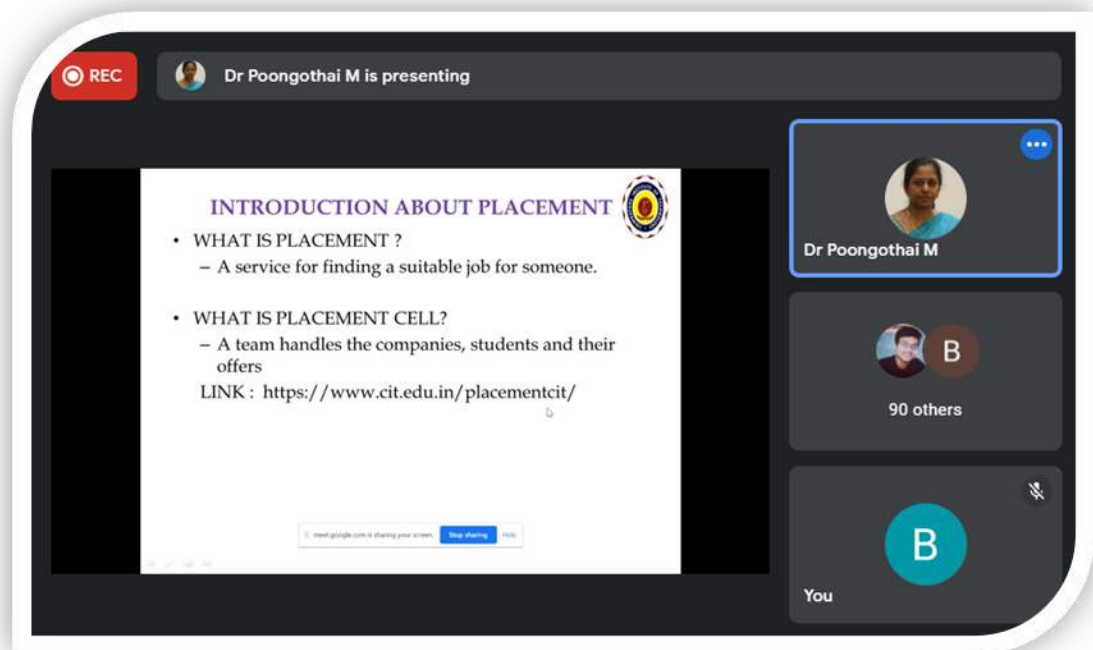
Name of the speaker : Dr.M.Poongothai
Associate Professor
Dr.B.Bhuvaneshwari
Assistant Professor
Department of ECE
CIT

Topic : Placement statistics and Preparation tips

In the morning session, Dr.M.Poongothai, Associate Professor, Department of ECE, CIT, addressed the students on Placement statistics and preparation tips. She introduced the department placement team to the first year students and presented an introduction to placement and its objectives. She discussed on the placement calendar and the Curriculum structure towards placement training. She elaborated on the placement policy and the companies visited for the past few years. She discussed on the eminent recruiters and statistics on student placed for the past five years. She also discussed on the placement training offered and online test conducted to students of all years. Finally she discussed on the feedback given by companies and passed out students.

In the second part of the forenoon session Dr.B.Bhuvaneshwari, Assistant Professor, Department of ECE addressed the students on Internship process and guidelines. She discussed on Internships and its objectives. She elaborated on the benefits of internship on career exploration, academic credit, related work experience and financial assistance. She discussed on Internship policy and Internship requirements as per the Curriculum. She instructed the student to complete one 4 week (2 credits) or two 2 weeks (1 credit each) of internship during fourth semester and fifth semester vacations. She presented the internship statistics for the past two years and the feedback given by companies and passed out students. Finally, she shared information related to internship opportunities.

The placement coordinators of 2017-2021 batch shared their experiences on placements and areas to prepare for core, non-core and dream placements. The passed out and present placement coordinators discussed on coding preparation, common sites and books to prepare for placements. Finally they discussed on the rules and regulations to be followed for remote placement drive. The faculty and student placement coordinators clarified the queries raised by the first year students.



REC

Dr Poongothai M is presenting

DEPARTMENT PLACEMENT TEAM


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Dr.B.Bhuvaneshwari
Assistant Professor
Department Placement
Co-ordinator
+91-98946 35286
bbhuvaneshwari@cit.edu.in




Dr Poongothai M


90 others


You

10:11 AM | vvr-mwtt-wds



REC


Ashwin Ram


Dr Poongothai M


Sanjay V


21 BATCH BE ECE


21 Batch BE ECE


21 Batch BE ECE

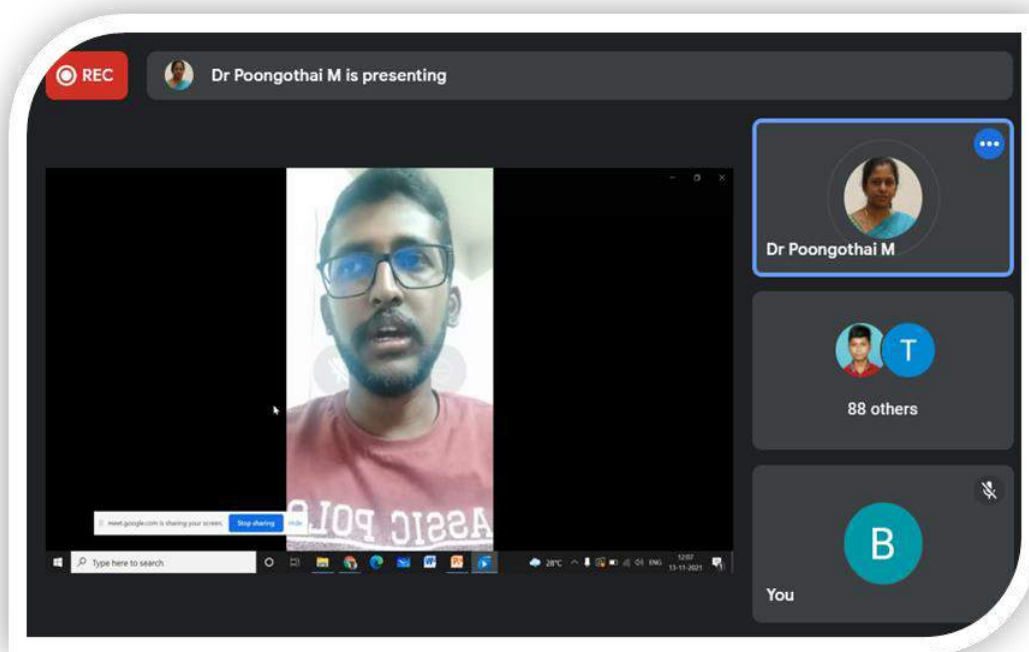

21 Batch BE ECE


85 others


You

11:41 AM | vvr-mwtt-wds





13.11.2021 (Thursday)

Session Time : 2.00 P.M. – 03.30 PM

Name of the speaker : Dr.T.Balakumaran
Dr.B.Bhuvaneshwari
Ms.N.Deepa
Mr.P.Satheesh Kumar
Assistant Professors
Department of ECE, CIT

Topic : Association and IETE Student forum

In the afternoon session, Dr.T.Balakumaran, Assistant Professor, Department of ECE, CIT, addressed the students on IEI Students forum. He presented the history, and services offered by Institution of Engineers (India).He also discussed on the benefits of this professional society to its members. He advised the students to join in IEI professional society and get benefited under various schemes. In the second part of the afternoon session, Dr.B.Bhuvaneshwari, Assistant Professor, Department of ECE, CIT, addressed the students on IETE students forum. She presented the services

offered by IETE and benefits of joining IETE Students forum (ISF). She also presented the various activities conducted by ISF in the last five years. She advised the students to join in IETE student forum and get benefited under various schemes. Next, Ms.N.Deepa, Assistant Professor, Department of ECE, CIT, addressed the students on the importance of ECE Association and the various association activities conducted for the past few years. She advised the students to actively organize and participate in various association activities. Finally, Mr.P.Satheesh kumar, Assistant Professor, Department of ECE, CIT, addressed the students on the selection process of IETE student's forum office bearers. He also advised the first year students to develop technical skills by participating in all the activities conducted by ECE Association.

The screenshot shows a Zoom meeting interface. At the top, a status bar indicates 'Balakumaran T is presenting'. The main content area displays a presentation slide with the title 'Vision & Mission of CIT-IE(I)'. The slide text states: 'CIT-IE(I) started during the academic year 2020-21', followed by the 'Vision of CIT-IE(I):' which is 'To promote professional development through exchange of information and ideas, skill development and capacity building.', and the 'Mission of CIT-IE(I):' which is 'To establish strong industry linkage through technical visits, projects, inplant training, webinars, internship, placement for the benefit of students.' On the right side of the interface, there is a participant list showing 'Balakumaran T' and '83 others'. At the bottom, a toolbar contains icons for mute, video, chat, hand, screen share, and a red phone icon. The bottom status bar shows the time '2:17 PM' and the meeting ID 'vvr-mwtt-wds'.

REC

Balakumaran T is presenting

Vision & Mission of CIT-IE(I)

CIT-IE(I) started during the academic year 2020-21

Vision of CIT-IE(I):

To promote professional development through exchange of information and ideas, skill development and capacity building.

Mission of CIT-IE(I):

To establish strong industry linkage through technical visits, projects, inplant training, webinars, internship, placement for the benefit of students.

Balakumaran T

B P

83 others

You

2:17 PM | vvr-mwtt-wds

STUDENTS INDUCTION PROGRAMME 2021

B.E. MECHANICAL ENGINEERING

(25TH OCTOBER – 13TH NOVEMBER 2021)

A REPORT

Submitted by

Coordinators:

Dr. S. Selvam, Assistant Professor
Dr. G. Sivakumar, Assistant Professor
Mr. D. P. Sam Solomon, Assistant Professor
Dr. G. Balamurugan, Assistant Professor
Dr. M. Muruganandam, Assistant Professor
Mr. S. Praveenkumar, Assistant Professor
Mr. S. K. Pradeep Mohan, Assistant Professor



Department of Mechanical Engineering
Coimbatore Institute of Technology

(A Govt. Aided Autonomous Institution affiliated to Anna University)

Coimbatore – 641 014

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7	<i>How to Create your Inspirational Career Next to Engineering</i> Prof. R. Surendran Assistant Professor, Government College of Technology, Coimbatore – 641 013	34
8	<i>Pioneering New Horizons</i> Er. Meena Srinivasan Chief Digital Officer, BNI Global, United States	35
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Overview of Students Induction Programme 2021

The Virtual Induction Programme for First-Year B.E. Mechanical Engineering Students of 2021-22 was conducted for three weeks from 25th October 2021 to 14th November 2021. The activities of the Faculty of the Department of Mechanical Engineering during this programme consisted of (1) Organizing the programme, (2) Conducting the programme, (3) Monitoring the students attendance, and (4) Reports preparation. The activities (1) and (2) during the first two weeks were done by Dr. G. Sureshkannan, Associate Professor, Dr. G. Suganya Priyadharshini, Assistant Professor, and Mr. S. K. Pradeep Mohan, Assistant Professor, Department of Mechanical Engineering, Coimbatore Institute of Technology. Activity (1) for the third week was done by the undersigned. Activity (2) during the third week was done by Dr. S. Selvam, Assistant Professor, Dr. G. Sivakumar, Assistant Professor, Mr. D. P. Sam Solomon, Assistant Professor, Dr. G. Balamurugan, Assistant Professor, Mr. S. Praveenkumar, Assistant Professor, Mr. S. K. Pradeep Mohan, Assistant Professor, and the undersigned. The activities (3) and (4) during the entire three weeks of the programme were carried out as per the duty roster shown on pages 7-19.

Excluding Sundays (holidays) and Diwali holiday (4th November 2021), the programme schedule was done for seventeen working days with two sessions on each day (Sessions 1-34). Then, Sessions 19 and 20 were cancelled for the Diwali holiday. Attendance reports for a total of 32 sessions were received. The consolidated attendance report is shown on pages 8-17. The average attendance is 85.6 % (see pages 18 and 19). The number of students who have attended all the sessions is 20. See the list of students on pages 15-17 (highlighted with green). The number of students who have less than 75 % attendance is 14. See the list of students on pages 15-17 (highlighted in red). Reports were received for 29 sessions. See the pages from 20 to 101.



M. Muruganandam, Ph.D.
Assistant Professor and SIP Coordinator
Department of Mechanical Engineering
Coimbatore Institute of Technology
Coimbatore – 641 014
4th December 2021



**B.E. Students Induction Programme 2021, Department of Mechanical Engineering
Coimbatore Institute of Technology, Coimbatore, 25th Oct.-13th Nov. 2021**





COIMBATORE INSTITUTE OF TECHNOLOGY
(A Govt. Aided Autonomous Institution affiliated to Anna University)

**Three Weeks Virtual Induction Programme for
First Year B.E. Mechanical Engineering Students of 2021 - 2022**
Programme Schedule (25th October - 14th November 2021)

Duty Roster

22nd October 2021

The following first-year tutors are deputed to carry out the activities (which will be listed below) during the Three Weeks Virtual Induction Programme for First Year B.E. Mechanical Engineering Students of 2021-22. This programme is scheduled from 25th October 2021 to 14th November 2021. The following tutors ^{Co-ordinator} will work with Dr. M. Muruganandam (Co-ordinator) as a team for the successful conduct of the said programme.

1. Dr. S. Selvam
2. Dr. G. Sivakumar
3. Mr. D. P. Sam Solomon
4. Dr. G. Balasubramanian
5. Mr. S. Praveen Kumar
6. Mr. S. K. Pradeep Mohan

Activities include:

- a. **Monitoring the attendance** of the students, maintaining and submitting the attendance report to the Office of HOD. This activity will be carried out from 25th October 2021 to 14th October 2021 as per the schedule given in the attachments 1 and 2 - Attendance Report.
- b. **Conducting the sessions** (Introducing the expert member, monitoring the progress of the session, and delivering the vote of thanks). This activity will be carried out during the third week of the programme from 8th November 2021 to 14th November 2021 as per the schedule given in the attachment 3 - Duty Roster. Bio-data of the expert members will be shared by the co-ordinator on or before 8th November 2021.
- c. **Report preparation** will be carried out from 25th October 2021 to 14th October 2021 as per the schedule given in the attachment 3 - Duty Roster. The report will consist of a one-page write-up on the session proceedings followed by one or two pages of screen shots of the session proceedings. The team members may refer to the previous year report in the Office of HOD. The reports on the session proceedings will be submitted to the Office of HOD after the completion of the session. Also, the reports on the session proceedings in .docx format will be sent by the team members to the co-ordinator through email: muruganandam.m@cit.edu.in. This will enable the co-ordinator to prepare a consolidated report on the programme.


Dr. K. MARIMUTHU, Ph.D.,
PROFESSOR AND HEAD OF MECHANICAL ENGINEERING
COIMBATORE INSTITUTE OF TECHNOLOGY
COIMBATORE - 641 014, INDIA

Attachments:

1. Individual Attendance Report, 2. Consolidated Attendance Report, and 3. Duty Roster

Copy to:

1. The team members and 2. HOD Office



**B.E. Students Induction Programme 2021, Department of Mechanical Engineering
Coimbatore Institute of Technology, Coimbatore, 25th Oct.-13th Nov. 2021**



COIMBATORE INSTITUTE OF TECHNOLOGY
(A Govt. Aided Autonomous Institution affiliated to Anna University)
Three Weeks Virtual Induction Programme for
First Year B.E. Mechanical Engineering Students of 2021 – 2022
Programme Schedule (25th October – 14th November 2021)

Consolidated Attendance Report

Register Number	October 2021										November 2021									
	25/10	26/10	27/10	28/10	29/10	30/10	31/10	01/11	02/11	03/11	04/11	05/11	06/11	07/11	08/11	09/11	10/11	11/11	12/11	13/11
2102001	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102002	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102003	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102004	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102005	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102006	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102007	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102008	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102009	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102010	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102011	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102012	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102013	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102014	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102015	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102016	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102017	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102018	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102019	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102020	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102021	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102022	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102023	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102024	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102025	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102026	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A



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	25/10	26/10	27/10	28/10	29/10	30/10	31/10	01/11	02/11	03/11	04/11	05/11	06/11	07/11	08/11	09/11	10/11	11/11	12/11	13/11		
21020227																						
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2102053	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102054	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102055	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102056	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102057	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102058	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102059	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102060	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102061	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102062	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102063	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102064	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102065	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102066	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102067	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102068	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102069	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102070	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102071	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102072	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102073	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102074	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102075	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102076	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102077	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2102078	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/



B.E. Students Induction Programme 2021, Department of Mechanical Engineering
Coimbatore Institute of Technology, Coimbatore, 25th Oct.-13th Nov. 2021



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2102079	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102080	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102081	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102082	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102083	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102084	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102085	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102086	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102087	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102088	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102089	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102090	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102091	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102092	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102093	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102094	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102095	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102096	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102097	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102098	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102099	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102100	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102101	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102102	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102103	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102104	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A



B.E. Students Induction Programme 2021, Department of Mechanical Engineering
Coimbatore Institute of Technology, Coimbatore, 25th Oct.-13th Nov. 2021



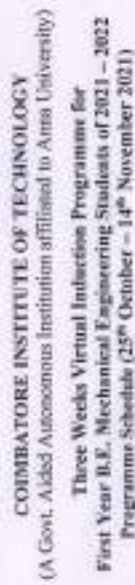
COIMBATORE INSTITUTE OF TECHNOLOGY
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2102105	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102106	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102107	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102108	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102109	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102110	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2102111																				
2102112																				
2102113																				
2102114																				
2102115																				
2102116																				
2102117																				
2102118																				
2102119																				
2102120																				





Consolidated Attendance Report

Sl. No.	Faculty Name	Session	Date	Time	Present	Absent	Signature with date
1	Dr. S. Selvam	S1	25.10.2021 (Monday)	10:00 AM - 12:00 NOON	85	23	Dr. S. Selvam
		S8	28.10.2021 (Thursday)	02:00 PM - 04:00 PM	106	2	Dr. S. Selvam
		S15	02.11.2021 (Tuesday)	10:00 AM - 12:00 NOON	106	2	Dr. S. Selvam
		S22	06.11.2021 (Saturday)	07:00 PM - 04:00 PM	106	2	Dr. S. Selvam
		S29	11.11.2021 (Tuesday)	10:00 AM - 12:00 NOON	106	2	Dr. S. Selvam
2	Dr. G. Sivakumar	S2	25.10.2021 (Monday)	02:00 PM - 04:00 PM	106	3	Dr. G. Sivakumar
		S9	29.10.2021 (Friday)	10:00 AM - 12:00 NOON	97	22	Dr. G. Sivakumar
		S16	02.11.2021 (Tuesday)	02:00 PM - 04:00 PM	97	16	Dr. G. Sivakumar
		S23	08.11.2021 (Monday)	10:00 AM - 12:00 NOON	91	18	Dr. G. Sivakumar
		S30	11.11.2021 (Thursday)	02:00 PM - 04:00 PM	91	18	Dr. G. Sivakumar
3	Mr. D. P. Sani Solomon	S3	26.10.2021 (Tuesday)	10:00 AM - 12:00 NOON	91	18	Mr. D. P. Sani Solomon
		S10	29.10.2021 (Friday)	02:00 PM - 04:00 PM	86	21	Mr. D. P. Sani Solomon
		S17	03.11.2021 (Wednesday)	10:00 AM - 12:00 NOON	86	21	Mr. D. P. Sani Solomon
		S24	08.11.2021 (Monday)	02:00 PM - 04:00 PM	87	20	Mr. D. P. Sani Solomon
		S31	12.11.2021 (Friday)	10:00 AM - 12:00 NOON	81	27	Mr. D. P. Sani Solomon
4	Dr. G. Balaraman	S4	26.10.2021 (Tuesday)	02:00 PM - 04:00 PM	95	13	Dr. G. Balaraman
		S11	30.10.2021 (Saturday)	10:00 AM - 12:00 NOON	95	13	Dr. G. Balaraman
		S18	03.11.2021 (Wednesday)	02:00 PM - 04:00 PM	89	19	Dr. G. Balaraman
		S25	09.11.2021 (Tuesday)	10:00 AM - 12:00 NOON	100	8	Dr. G. Balaraman
		S32	12.11.2021 (Friday)	02:00 PM - 04:00 PM	86	16	Dr. G. Balaraman
5	Dr. M. Manojanandam	S5	27.10.2021 (Wednesday)	10:00 AM - 12:00 NOON	72	37	Dr. M. Manojanandam
		S12	30.10.2021 (Saturday)	02:00 PM - 04:00 PM	83	26	Dr. M. Manojanandam
		S19	05.11.2021 (Friday)	10:00 AM - 12:00 NOON	-	-	Dr. M. Manojanandam
		S26	09.11.2021 (Tuesday)	02:00 PM - 04:00 PM	98	11	Dr. M. Manojanandam
		S33	13.11.2021 (Saturday)	10:00 AM - 12:00 NOON	99	10	Dr. M. Manojanandam
6	Mr. S. Praveen Kumar	S6	27.10.2021 (Wednesday)	02:00 PM - 04:00 PM	106	2	Mr. S. Praveen Kumar
		S13	01.11.2021 (Monday)	10:00 AM - 12:00 NOON	106	2	Mr. S. Praveen Kumar
		S20	05.11.2021 (Friday)	02:00 PM - 04:00 PM	106	2	Mr. S. Praveen Kumar



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Sr. No.	Faculty Name	Section	Date	Time	Present	Absent	Signature with date
6	Mr. S. Praveen Kumar	S27	10.11.2021 (Wednesday)	10:00 AM - 12:00 NOON	106	2	08.11/ S. Praveen Kumar
		S34	11.11.2021 (Saturday)	02:00 PM - 04:00 PM	106	2	18.11/ S. Praveen Kumar
		S7	28.10.2021 (Thursday)	10:00 AM - 12:00 NOON	96	13	08.11/ S. Praveen Kumar
7	Mr. S. K. Pradeep Mohan	S14	01.11.2021 (Monday)	02:00 PM - 04:00 PM	91	18	08.11/ S. K. Pradeep Mohan
		S21	06.11.2021 (Saturday)	10:00 AM - 12:00 NOON	82	27	15.11/ S. K. Pradeep Mohan
		S28	10.11.2021 (Wednesday)	02:00 PM - 04:00 PM	85	21	08.11/ S. K. Pradeep Mohan

[Signature]
Head of the Department
Mechanical Engineering
Coimbatore Institute of Technology
Coimbatore - 641014
Date: 30.11.2021

[Signature]
Principal
Coimbatore Institute of Technology
Coimbatore - 641014
Date:



Attendance Report

Register Number	Name	Attendance for 32 sessions		
		Present	Absent	Percentage
2102001	AASHUTOSH COTRA	12	20	37.5
2102002	ABISHEK L.	24	8	75
2102003	ADITHYA.T.	21	11	65.6
2102004	AKASH M.	31	1	96.9
2102005	ALBERIN MARIA R.	31	1	96.9
2102006	AMEER MOHAMED A.	30	2	93.8
2102007	AMITABH BHATTACHARJEE	30	2	93.8
2102008	ARJUN C.	30	2	93.8
2102009	ASHOKKUMAR M.	27	5	84.4
2102010	ASHWIN.M.	24	8	75
2102011	ASWATH S.	29	3	90.6
2102012	BARATH VARSHAN V.	26	6	81.3
2102013	BHUVANACHANDRA B.	31	1	96.9
2102014	CHITHRA REKHA S. L.	30	2	93.8
2102015	DEEPAKKUMAR E.	25	7	78.1
2102016	GOKUL S.	27	5	84.4
2102017	HARISH T.	26	6	81.3
2102018	JANAGAN K.	24	8	75
2102019	JEFFRIN SANJITH J.	32	-	100
2102020	KAMALESH M.	32	-	100
2102021	KANAGAVEL PRIYAN L. B.	28	4	87.5
2102022	KARAN CHELLAPPA K.	27	5	84.4
2102023	KAROL ANTONY A.	32	-	100
2102024	KAVIN R.	29	3	90.6
2102025	KAVIN VENKAT V. R.	27	5	84.4
2102026	KHRITHIK KANNAA T.	31	1	96.9
2102027	KIRAN V.	31	1	96.9
2102028	KISHORE A.	30	2	93.8
2102029	KISHORE M.	32	-	100
2102030	LAKSHMI PRIYA S.	32	-	100
2102031	LEVINJOE M.C. K.	26	6	81.3
2102032	MALARAVAN M N.	32	-	100
2102033	MANJUSHREE G.	27	5	84.4
2102034	MOHAMMED AFAR ALI K.	30	2	93.8
2102035	MUGESH J.	32	-	100
2102036	MUKILAN R.	27	5	84.4
2102037	NIRANJAN R. V.	11	21	34.4
2102038	NIRANJAN S.	31	1	96.9
2102039	NITHISH KUMAR G.	27	5	84.4
2102040	PRATHICKSHAN S. P.	32	-	100



Register Number	Name	Attendance for 32 sessions		
		Present	Absent	Percentage
2102041	RAGHUL S. M.	24	8	75
2102042	RAYNATH RAVEEN S.	25	7	78.1
2102043	ROOPAN R.	21	11	65.6
2102044	SARATH V. R.	30	2	93.8
2102045	SARVESH SAWIN R.	32	-	100
2102046	SHAKTHI MUKESH M. S.	18	14	56.3
2102047	SHEIK FARITH S.	29	3	90.6
2102048	SHREESWAR P. R.	30	2	93.8
2102049	SHRIRAM G. P.	31	1	96.9
2102050	SIBIRAAJ G.	26	6	81.3
2102051	SREE VIGNESH K.	30	2	93.8
2102052	SRINISANTH C.	28	4	87.5
2102053	STALIN JOYEL S.	31	1	96.9
2102054	SUBASH. K.	31	1	96.9
2102055	THANARAJ K.	31	1	96.9
2102056	THULASIDASAN S.	28	4	87.5
2102057	VAJRESHWAR I.	25	7	78.1
2102058	VASUDEVAN M.	30	2	93.8
2102059	JOTHISH JEFIRIN PAUL B.	32	-	100
2102060	ABDULHAMEED M. K.	30	2	93.8
2102061	ANBUSELVAM P R	31	1	96.9
2102062	ARABINDA SATAPATHY	28	4	87.5
2102063	ARJUN BHARATH L.	27	5	84.4
2102064	ARJUN P. NAIR	32	-	100
2102065	BALAJI MANI M S.	17	15	53.1
2102066	DARUNKUMAR T.	29	3	90.6
2102067	DEEPAK MISHRA	8	24	25
2102068	DEROSY JAMES ALLWIN S.	32	-	100
2102069	DIVAKAR K.	8	24	25
2102070	JEGADEESAN R. R.	29	3	90.6
2102071	KISHORE KUMAR L. S.	32	-	100
2102072	KISHORE RAJ A.	30	2	93.8
2102073	MAADESH KANNA T.	31	1	96.9
2102074	MAKENDRAVARMAN J.	30	2	93.8
2102075	MANUKRISHNAN U.	31	1	96.9
2102076	MEIYAZHAGAN S.	23	9	71.9
2102077	MOHAMED ALTHAF S.	31	1	96.9
2102078	MONISH R.	32	-	100
2102079	MURUGAPANDI R.	26	6	81.3
2102080	NAVEEN M.	32	-	100
2102081	NIKHIN THIRUMAL L. U.	26	6	81.3
2102082	PRANESH M.	32	-	100
2102083	RAJASEKAR S.	32	-	100



Register Number	Name	Attendance for 32 sessions		
		Present	Absent	Percentage
2102084	ROHITH.M	27	5	84.4
2102085	SAKITHYAN D	24	8	75
2102086	SHANKAR K	31	1	96.9
2102087	SRINIVAS B	30	2	93.8
2102088	SUGHADEAV S N	32	-	100
2102089	TARUN KRISHNA C B	30	2	93.8
2102090	THARUNKUMAR S	22	10	68.8
2102091	V PRABAHARAN	25	7	78.1
2102092	VISHVA M	29	3	90.6
2102093	YUVARAJ B	31	1	96.9
2102094	DHANUSH I	30	2	93.8
2102095	DHARNEESH G	25	7	78.1
2102096	GUGAVADHANAN J	29	3	90.6
2102097	JOSEPH UMBAVU BAIJU	29	3	90.6
2102098	MIDHUN PRITHIV R C	29	3	90.6
2102099	P RAJASHREE	31	1	96.9
2102100	PRAANESH K	20	12	62.5
2102101	RAHUL SURYA S	32	-	100
2102102	SHANTHOSH S	31	1	96.9
2102103	THAREEF RAHMAN M	32	-	100
2102104	VAINATEYA Y D S S	25	7	78.1
2102105	PRADEEPAKUMAR R	16	16	50
2102106	GANESHTMOORTHY P	31	1	96.9
2102107	ARUNKARTHICK V	24	8	75
2102108	KARTHIKEYAN R	12	20	37.5
2102109	JIGMAT STANZIN WANGAIL	13	19	40.6



COIMBATORE INSTITUTE OF TECHNOLOGY
(A Govt. Aided Autonomous Institution affiliated to Anna University)
Three Weeks Virtual Induction Programme for
First Year B.E. Mechanical Engineering Students of 2021 – 2022
Programme Schedule (25th October – 14th November 2021)

Duty Roster

I. No.	Faculty Name	Session	Date	Time	Report Submitted (Yes/No)	Signature with date
1	Dr. S. Selvam	S1	25.10.2021 (Monday)	10:00 AM – 12:00 NOON	Yes	
		S8	28.10.2021 (Thursday)	02:00 PM – 04:00 PM	Yes	
		S15	02.11.2021 (Tuesday)	10:00 AM – 12:00 NOON	Yes	
		S22	06.11.2021 (Saturday)	02:00 PM – 04:00 PM	No	
		S29	11.11.2021 (Thursday)	10:00 AM – 12:00 NOON	Yes	
2	Dr. G. Sivakumar	S2	25.10.2021 (Monday)	02:00 PM – 04:00 PM	Yes	
		S9	29.10.2021 (Friday)	10:00 AM – 12:00 NOON	Yes	
		S16	02.11.2021 (Tuesday)	02:00 PM – 04:00 PM	Yes	
		S23	06.11.2021 (Saturday)	10:00 AM – 12:00 NOON	Yes	
		S30	11.11.2021 (Thursday)	02:00 PM – 04:00 PM	Yes	
3	Mr. D. P. Sam Solomon	S3	26.10.2021 (Tuesday)	10:00 AM – 12:00 NOON	Yes	
		S10	29.10.2021 (Friday)	02:00 PM – 04:00 PM	Yes	
		S17	03.11.2021 (Wednesday)	10:00 AM – 12:00 NOON	Yes	
		S24	08.11.2021 (Monday)	02:00 PM – 04:00 PM	Yes	
		S31	12.11.2021 (Friday)	10:00 AM – 12:00 NOON	Yes	
4	Dr. G. Balanungan	S4	26.10.2021 (Tuesday)	02:00 PM – 04:00 PM	No	
		S11	30.10.2021 (Saturday)	10:00 AM – 12:00 NOON	No	
		S18	03.11.2021 (Wednesday)	02:00 PM – 04:00 PM	No	
		S25	09.11.2021 (Tuesday)	10:00 AM – 12:00 NOON	Yes	
		S32	12.11.2021 (Friday)	02:00 PM – 04:00 PM	Yes	
5	Dr. M. Muruganandam	S5	27.10.2021 (Wednesday)	10:00 AM – 12:00 NOON	Yes	
		S12	30.10.2021 (Saturday)	02:00 PM – 04:00 PM	Yes	
		S19	05.11.2021 (Friday)	10:00 AM – 12:00 NOON	Yes	
		S26	09.11.2021 (Tuesday)	02:00 PM – 04:00 PM	Yes	
		S33	13.11.2021 (Saturday)	10:00 AM – 12:00 NOON	Yes	
6	Mr. S. Praveen Kumar	S6	27.10.2021 (Wednesday)	02:00 PM – 04:00 PM	Yes	
		S13	01.11.2021 (Monday)	10:00 AM – 12:00 NOON	Yes	
		S20	05.11.2021 (Friday)	02:00 PM – 04:00 PM	Yes	



COIMBATORE INSTITUTE OF TECHNOLOGY
(A Govt. Aided Autonomous Institution affiliated to Anna University)

Three Weeks Virtual Induction Programme for
First Year B.E. Mechanical Engineering Students of 2021 - 2022
Programme Schedule (25th October - 14th November 2021)

Daily Roster

Sl. No	Faculty Name	Session	Date	Time	Report Submitted (Yes/No)	Signature with date
6	Mr. S. Praveen Kumar	S27	10.11.2021 (Wednesday)	10:00 AM - 12:00 NOON	Yes	S. Praveen Kumar
		S14	13.11.2021 (Saturday)	02:00 PM - 04:00 PM	Yes	S. Praveen Kumar
		S7	28.10.2021 (Thursday)	10:00 AM - 12:00 NOON	Yes	
		S14	01.11.2021 (Monday)	07:00 PM - 04:00 PM	Yes	
		S21	06.11.2021 (Saturday)	10:00 AM - 12:00 NOON	Yes	
		S28	10.11.2021 (Wednesday)	02:00 PM - 04:00 PM	Yes	

[Signature]
Head of the Department
Mechanical Engineering
Coimbatore Institute of Technology
Coimbatore - 641014
Date: 30.11.2021

[Signature]
Principal
Coimbatore Institute of Technology
Coimbatore - 641014
Date:



Day 1 25.10.2021, Monday

Session 1 10:00-12:00 Hrs.

Orientation Programme – Students Induction Address by Director, Secretary, Principal and Deans of CIT

Orientation programme for 1st year students 2021 - 22 batch scheduled on 25.10.2021 at 10 a.m. was started with welcome address given by Dr. A. Rajeswari, Principal I/C, Coimbatore Institute of Technology (see Figure 1.1).

Mr. S. Rajiv Rangasami, Director, Coimbatore Institute of Technology gave an inspirational speech to our 1st year students (see Figure 1.2). Initially, he praised all the first-year students for getting admission to our prestigious institution. Owing to the welfare of the students and faculty, he compassionately announced that the classes for the upcoming academic year 2021 – 2022 will be held online mode.

Dr. R. Prabhakar, Secretary, CIT Institutions, advised for the successful completion of the course. He intimated the students to study right from the first day and clear all subjects without arrears in each and every semester. He also insisted to have a good and healthy friend's circle which makes an important part of a student's soft skills.

Dr. A. Rajeswari, Dean, Academic, in her special address, clearly explained the curriculum, infrastructure, and facilities available in the Institution. She wished the students to develop communication skills, creative thinking, and critical reasoning. And also, she magnificently mentioned that Coimbatore Institute of Technology is one of the standard Institutions in India.

Dr. S. Shanmugam, Dean, Student Affairs, explained about the students union, alumini, and various club activities of our Institution (see Figure 1.3). He also elucidated about the various scholarships that can be availed by the students.

Dr. S. Vasantharathna, Dean, Placement & Training, interpreted the various fundamentals that could be followed by the students to get access to their placements.



Dr. V. Manikandan, Dean, Planning, mentioned the curriculum, and faculty-student ratio. He also wished the students to acquire as much knowledge and skills.

Dr. M. Mandhirasalam, Dean, Academic & Research Resource Assistance, gave a clear speech about the facilities and Books available in the library for our students (see Figure 1.4).

Dr. R. Sampath, Dean, Extra-Curricular & Inter College Activities, specified the games and achievements. He also asked the students to involve in any one of the games of their own interest in order to be fit and healthy to pursue their academics without any health issues.

Dr. M. Thirumarimurugan, Dean, International Affairs, advised the students to grasp the opportunity to take part in internships in Norway, China, UK, etc.

Dr. R. Sriram, Dean, Exams, explained the pattern of the semester examinations and the exam fee structure.

Dr. K. Sakthi Mala, Dean, Computing, explained about computing.

The Orientation Programme was ended with a Vote of Thanks given by Dr. G. Suresh Kannan, Coordinator, First-year Students Induction Programme 2021 –2022.





Figure 1.1 Dr. A. Rajeswari delivered students induction address



Figure 1.2 Mr. S. Rajiv Rangasami delivered students induction address



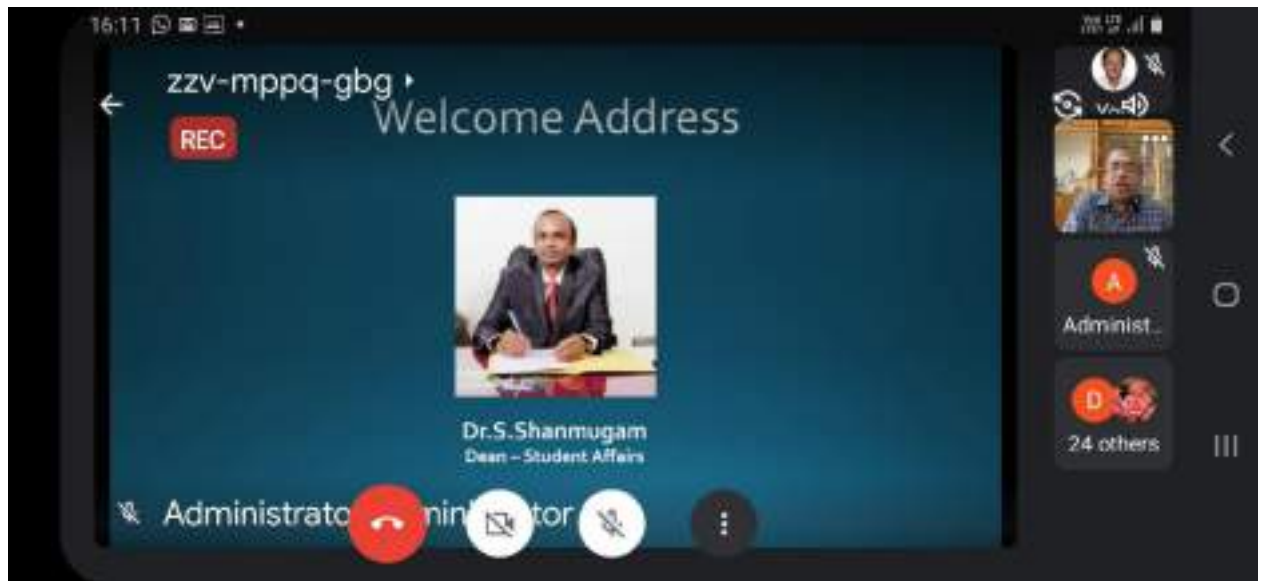


Figure 1.3 Dr. S. Shanmugam delivered students induction address

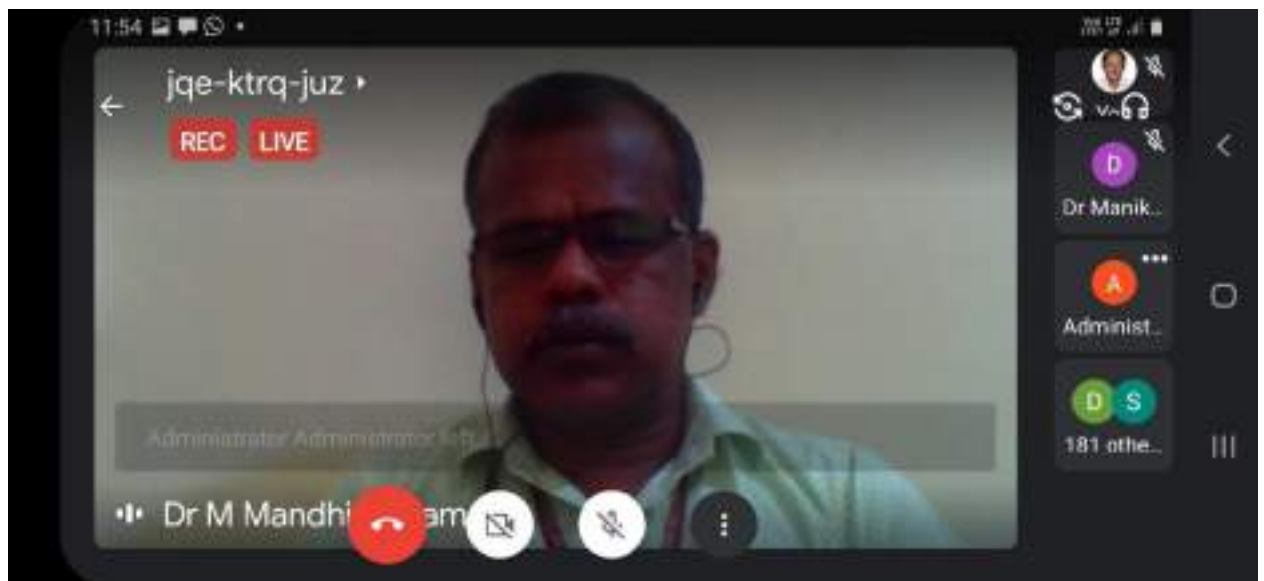


Figure 1.4 Dr. M. Mandhirasalam delivered students induction address



Day 1 25.10.2021, Monday

Session 2 14:00-16:00 Hrs.

Orientation Programme – Students Induction Address by HODs of CIT

On day 1, session 2 of the three-week virtual students induction programme, the department heads of various branches delivered motivational speeches for the first-year students of 2021 – 2022.

All the heads of the department detailed the strength and resources available in the departments. They have also highlighted the research facility of the departments.

The following are the details of the Head of the Department;

1. Dr. V. G. Srisanthi, Department of Civil Engineering
2. Dr. K. Marimuthu, Department of Mechanical Engineering (see Figure 2.1)
3. Dr. S. Vasantharathna, Department of Electrical and Electronics Engineering
4. Dr. A. Rajeswari, Department of Electronics and Communication Engineering
(see Figure 2.2)
5. Dr. G. Kousalya, Department of Computer Science and Engineering
6. Dr. M. Thirumarimurugan, Department of Chemical Engineering
7. Dr. N. K. Karthikeyan, Department of Information Technology
8. Dr. Valliappan Raman, Department of Artificial Intelligence and Data Sciences
9. Dr. N. Nagaveni, Department of Mathematics
10. Dr. E. P. Subramaniam, Department of Chemistry
11. Dr. N. Muthukumarasamy, Department of Physics
12. Dr. P. Santhi, Department of Humanities

The SIP Co-ordinator Mr. S. K. Pradeep Mohan proposed the thanks and conveyed his sincere thanks to all the heads of the department for their motivational speech (see Figure 2.3).





Figure 2.1 Dr. K. Marimuthu delivered students induction address

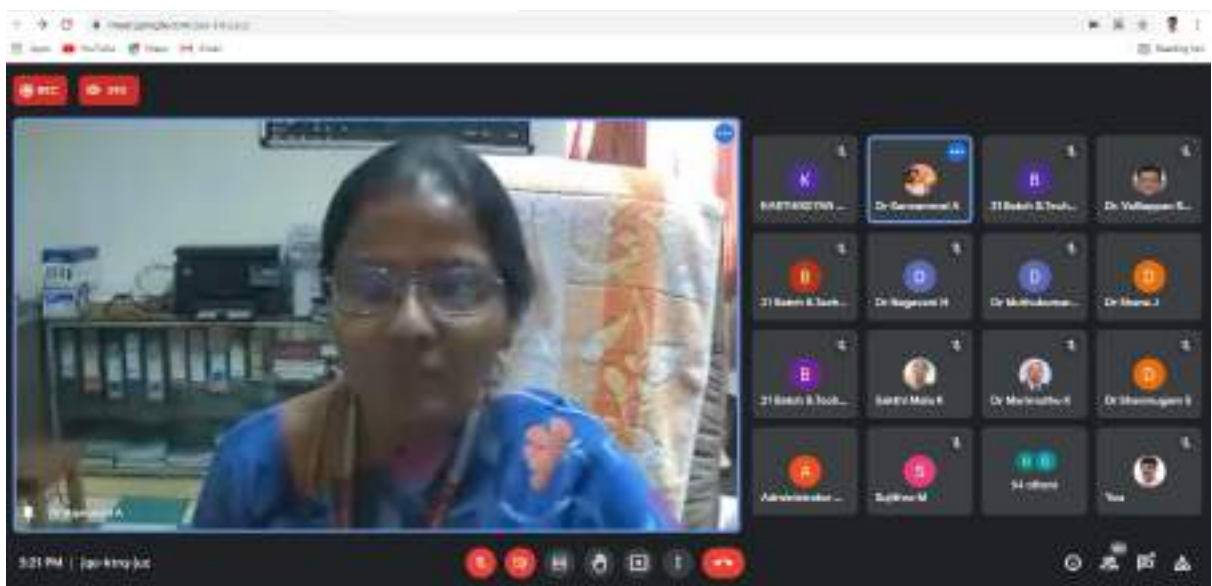


Figure 2.2 Dr. A. Rajeswari delivered students induction address



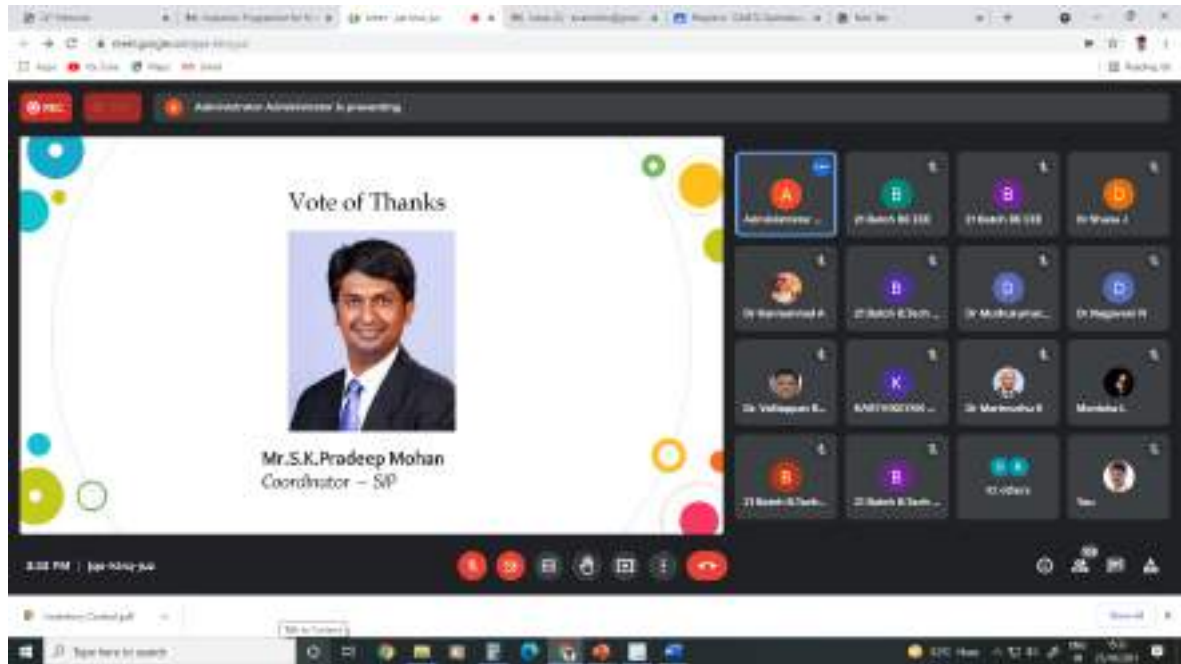


Figure 2.3 Mr. S. K. Pradeep Mohan delivered vote of thanks



Day 2 26.10.2021, Tuesday

Session 3 10:00-12:00 Hrs.

Environmental Awareness

Mr. K. Kalidasan

President, OSAI, Coimbatore

Mr. K. Kalidasan, President of OSAI, an NGO which is involved in environmental issues and wildlife protection delivered his address in the Student Induction Programme on the second day, 26.10.2021 between 10.00 and 12.00 PM. He gave a detailed speech on the effects of polluting the environment with specific incidents from all over the world (see Figure 3.3). He also highlighted the responsibility of engineers in developing environmentally sustainable solutions for prevailing real-life problems in the world.

As an inspiring environmentalist, the speaker mentioned how environmentalists wrote a letter to then US President Mr. Donald Trump urging him to take a trip to planet Venus, emphasizing that if global warming goes unchecked, the condition of planet Earth would also meet the fate of Venus. The speaker also highlighted that the melting of glaciers not only destroys the habitat of Polar bears but also will sink some of the major cities located from Boston to Mumbai. He stressed that the impact of destroying the environment and nature can lead to ir-repairable consequences and needs immediate attention.

The speaker also motivated the freshers to inculcate the habit of designing or developing solutions for existing problems without destroying the environment. He emphasized that all scientific inventions should be in line with nature and not against it.

Students from Mechanical Engineering Department raised queries for which the speaker gave replies with statistical details. The Session was closed as the administrator proposed the Vote of Thanks and conveyed his thanks to the speaker for his insightful speech (see Figure 3.4).



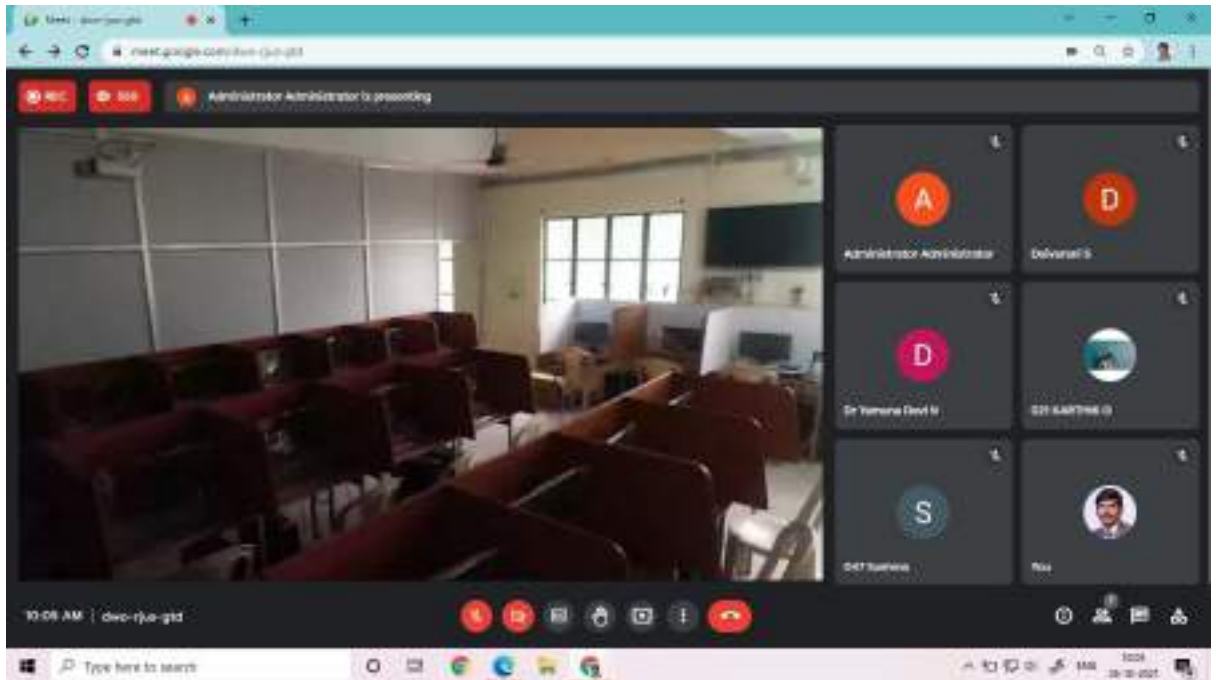


Figure 3.1 Video on CIT campus

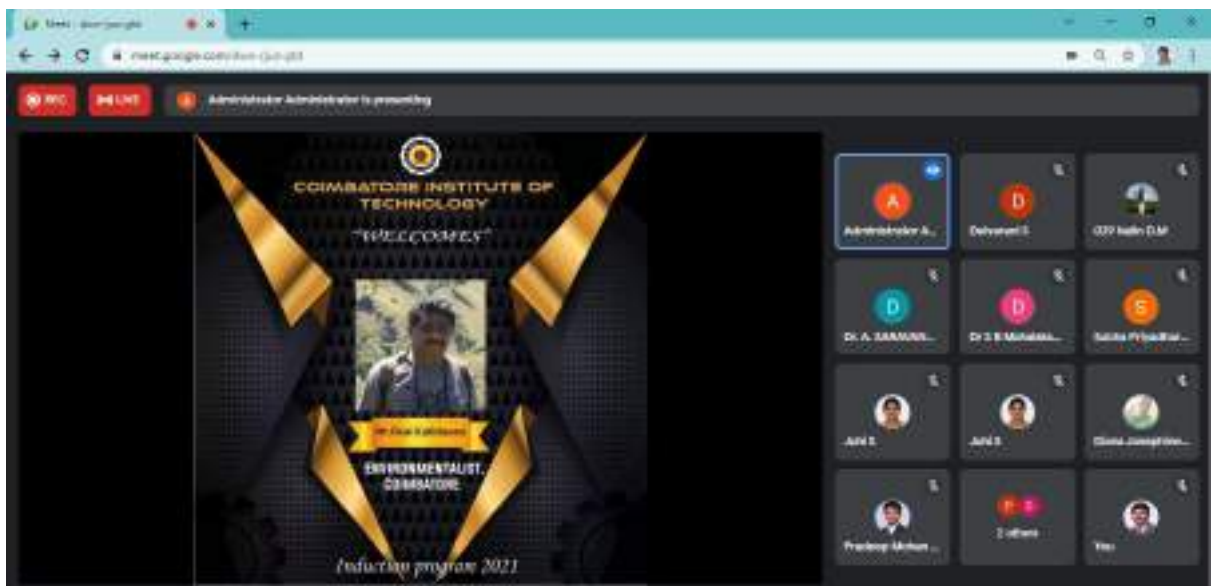


Figure 3.2 Administrator welcomes Mr. K. Kalidasan, President, OSAI



B.E. Students Induction Programme 2021, Department of Mechanical Engineering
Coimbatore Institute of Technology, Coimbatore, 25th Oct.-13th Nov. 2021



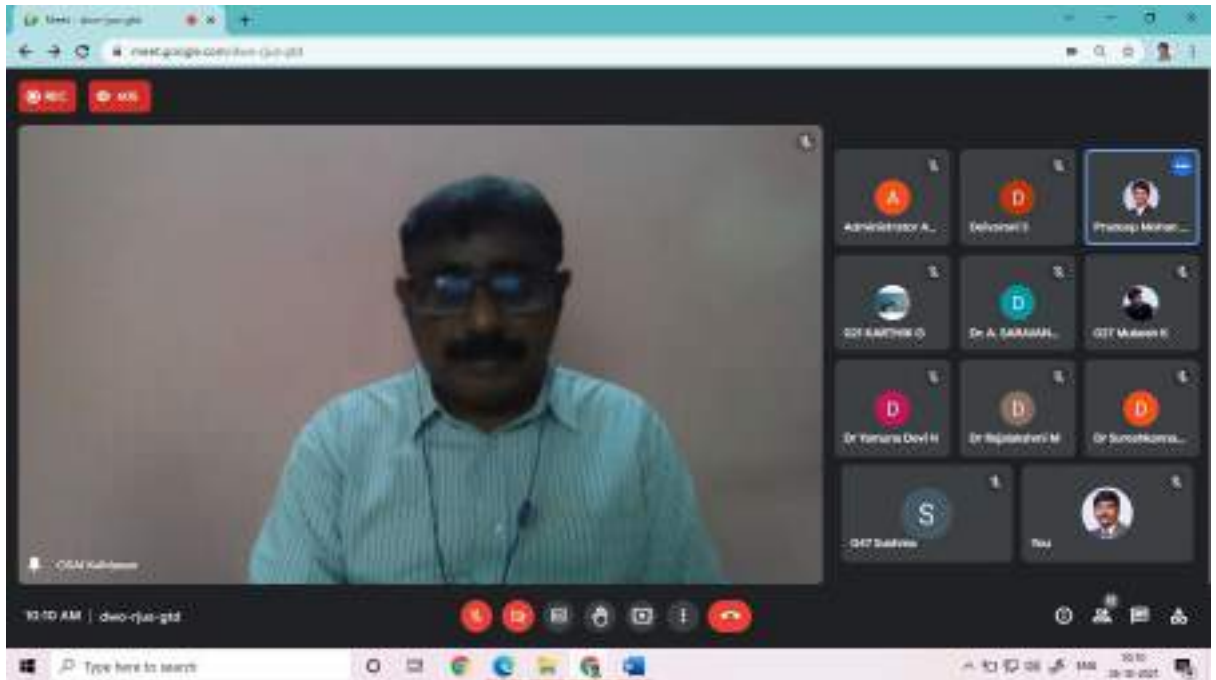


Figure 3.3 Session by Mr. K. Kalidasan, President, OSAI



Figure 3.4 Vote of Thanks by Master of Ceremony



Day 3 27.10.2021, Wednesday

Session 5 10:00-12:00 Hrs.

Introduction to Mental Health and Awareness

Dr. P. Sharnita

Assistant Professor, Psychiatry, Karpagam Faculty of Medical Sciences and Research, Coimbatore

Dr. P. Sharnita, Assistant Professor, Psychiatry, Karpagam Faculty of Medical Sciences and Research, Coimbatore, presented a talk on Introduction to Mental Health and Awareness (see Figure 5.1). She explained that mental health is as important as physical health. The following mental health-related problems are found with college students: anxiety, depression, eating problems, addiction, anger, irritability, and suicidal feelings. Students should not compare themselves with each other. It may lead to inferiority complex symptoms which finally cause mental health problems. Students must study daily for an hour. If they study two pages of a subject in a day then it will be sufficient. Thus, they can plan for studying all the subjects in a week. Students must practice meditation daily to maintain their mental health. It is advisable to wake up early in the morning for a successful day. Angeriness can be slowly transformed into patience by meditation and introspection. If students are angry in a situation, then try any one of the following: 1. Be calm and 2. Move away from that place. Every day before going to bed, students must analyze their activities from morning to evening. They have to think about the remedial measures of the bad experiences in their day-to-day life. Mental health is affected by the following reasons: stress, course load, curiosity, peer pressure. If a student faces high demands of coursework else if a student studies by undertaking a part-time job else if a student has some social obligations during his/her studies then he/she is subjected to stress. If a student stays awake long enough to study or complete assignments by their due date then the mental health of the student is affected. College students due to their curiosity are exploring many new aspects of their lives in personal and professional realms that lead to mental health issues. College students experiment with recreational and performance-enhancing drugs. Stress is an adverse reaction people have due to excessive pressure or other types of demands placed on them. A student can look after his/her wellbeing in the following ways (see Figure 5.2): getting plenty of sleep, enjoying the sunshine, cooking, writing and drawing, talking to self



and selected people, walking, getting a hug from selected people, gardening, reading about people whose lives are more complicated.

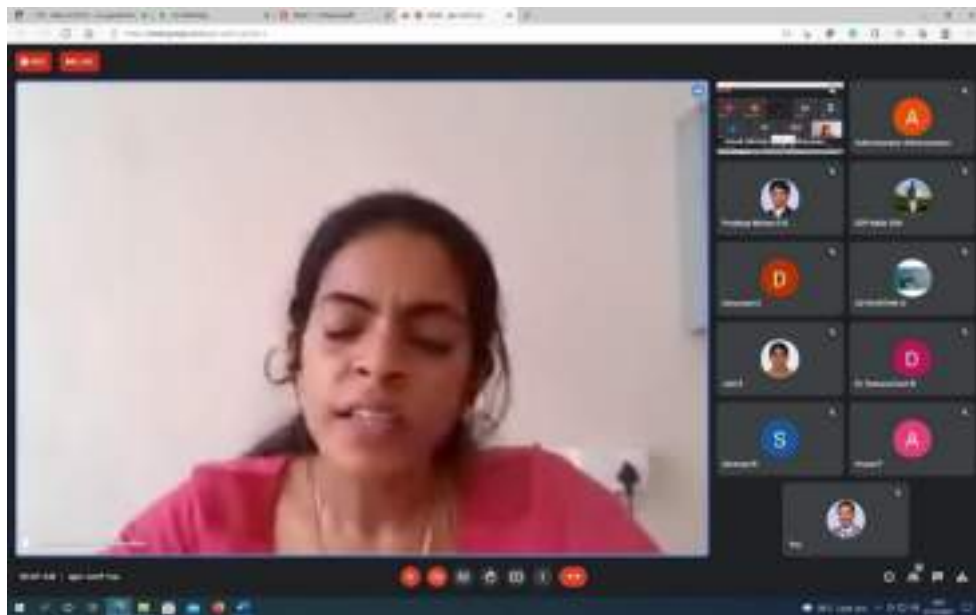


Figure 5.1 Dr. P. Sharnita presents a talk on Introduction to Mental Health and Awareness

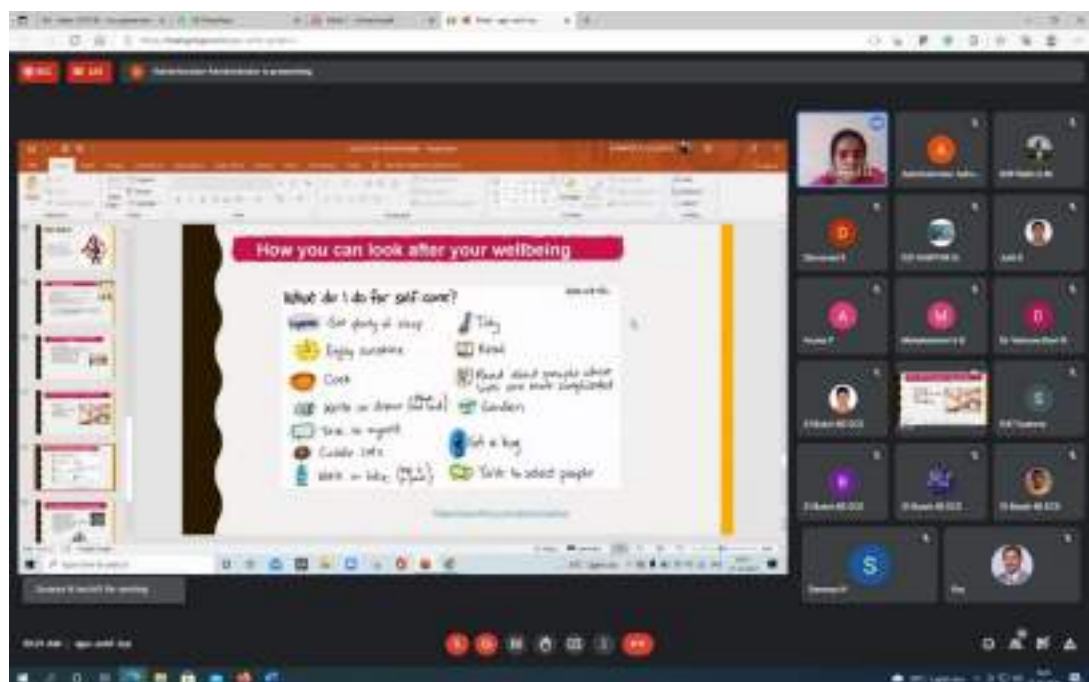


Figure 5.2 Ways of maintaining good mental health



Day 3 27.10.2021, Wednesday

Session 6 14:00-16:00 Hrs.

Be a Specialist

Dr. Viswams Natrajan

Chairman & Managing Director

Viswams Training & Consultancy Private Limited

Dr. Viswams Natrajan, Chairman and Managing Director of Viswams Training and Consultancy Private Limited, delivered his address in the Student Induction Programme on the third day, 27.10.2021 between 02.00 and 04.00 PM (see Figures 6.1 and 6.2). He gave a detailed speech on the effects of communication. He also highlighted the responsibility of engineers in developing new things and innovations in our world.

He spoke about taking the problems as challenges, being happy will lead to success in life and should change the way of approach for development in our life.

The speaker also motivated the freshers to inculcate the habit of designing or developing solutions for existing problems without destroying the environment. He emphasized that all scientific inventions should be in line with nature and not against it.

Students from Mechanical Engineering Department raised queries for which the speaker gave replies with statistical details. The Session was closed as the administrator proposed the Vote of Thanks and conveyed his thanks to the speaker for his insightful speech.



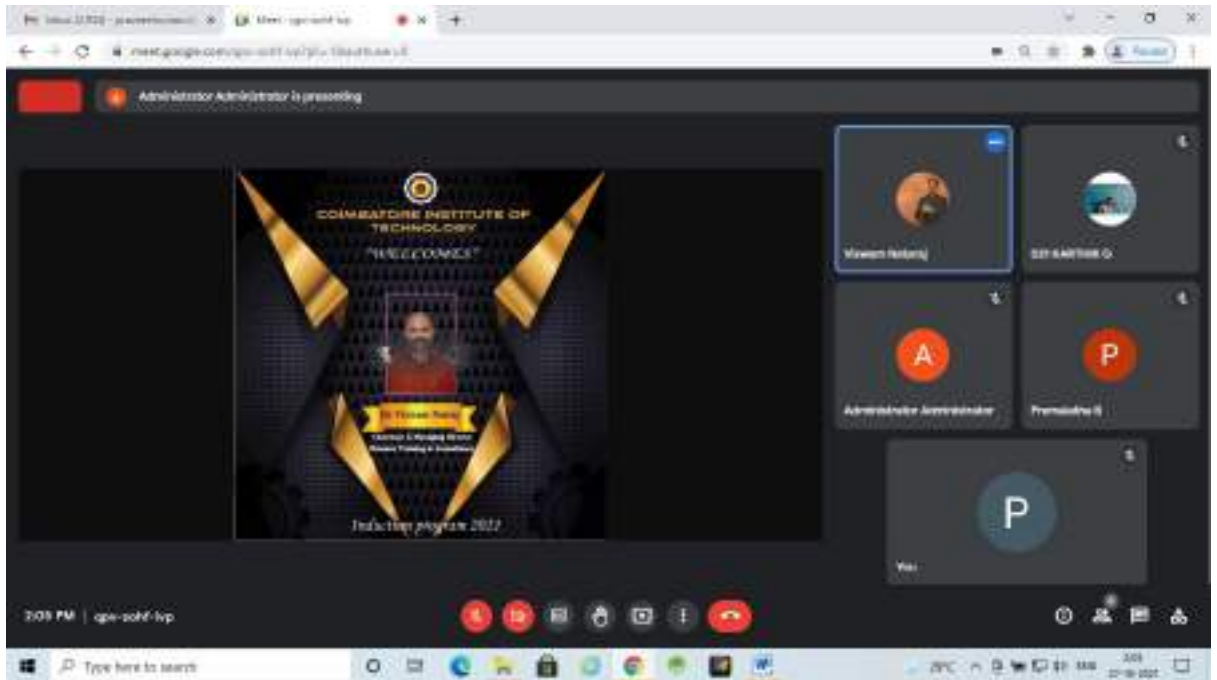


Figure 6.1 Dr. Viswams Natrajan delivered an address on the topic “Be a Specialist”

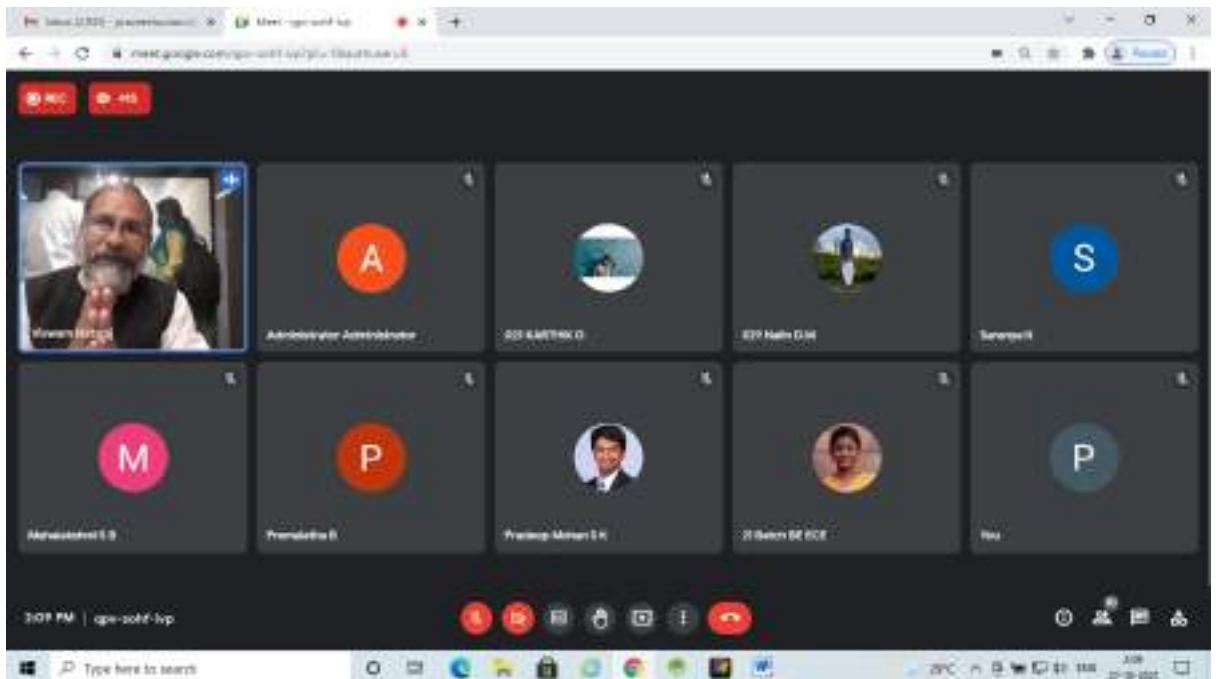


Figure 6.2 Dr. Viswams Natrajan delivered an address on the topic “Be a Specialist”



**B.E. Students Induction Programme 2021, Department of Mechanical Engineering
Coimbatore Institute of Technology, Coimbatore, 25th Oct.-13th Nov. 2021**



Day 4 28.10.2021, Thursday

Session 7 10:00-12:00 Hrs.

How to Create your Inspirational Career Next to Engineering

Prof. R. Surendran

Assistant Professor

Government College of Technology, Coimbatore – 641 013

The day's session started with a welcome note to the gathering. The speaker Prof. R. Surendran is an assistant professor at Government College of Technology, Coimbatore. As a field man, he could give ideas about post-engineering life, whether for placements, ideas and ways to get higher educations, about government jobs and lot more. He included ideas for presentation for each and also to develop technical skills (see Figure 7.1). After that, he guided the students through the question session. Finally, it ended with thanking the speaker and everyone gathered for the session.

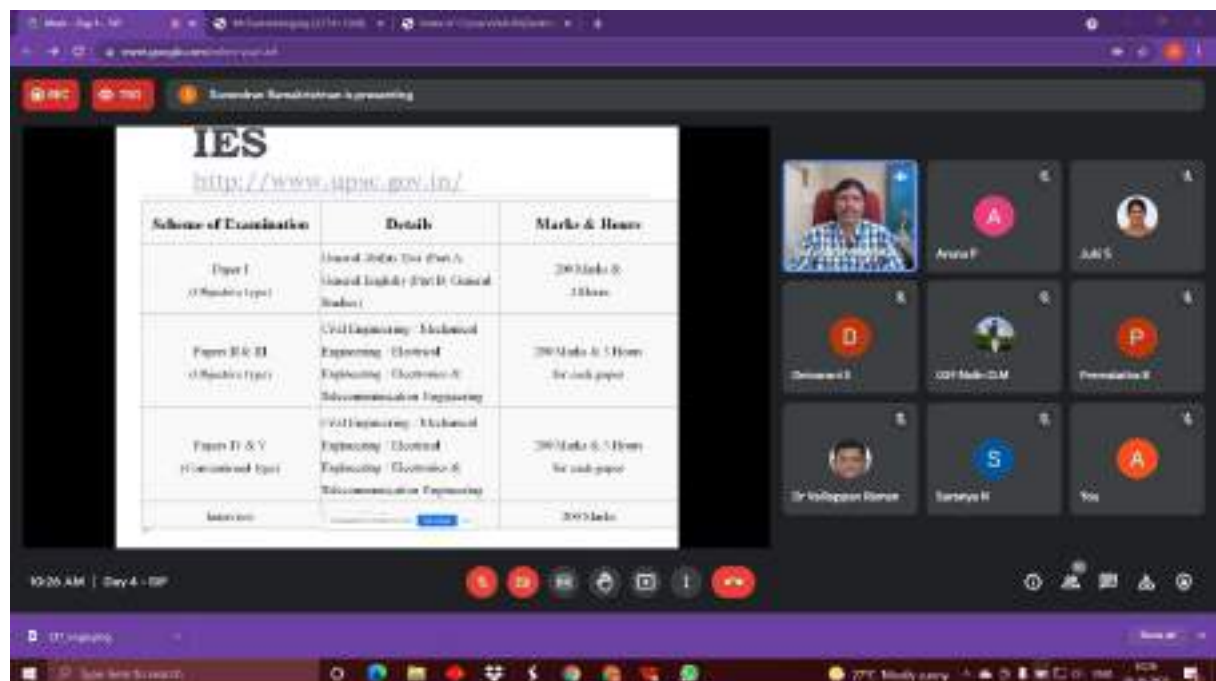


Figure 7.1 Prof. R. Surendran delivers an address to the students



**B.E. Students Induction Programme 2021, Department of Mechanical Engineering
Coimbatore Institute of Technology, Coimbatore, 25th Oct.-13th Nov. 2021**



Day 4 28.10.2021, Thursday

Session 8 14:00-16:00 Hrs.

Pioneering New Horizons

Er. Meena Srinivasan

Chief Digital Officer, BNI Global, United States

Role of CIT in my life – From Teens and Beyond

Er. P. Margabandu

Managing Director, Eye Foundation, Ambattur

The Administrator welcomed the gathering and introduced the chief guest of today's session Er. Meena Srinivasan.

Er. Meena Srinivasan, Chief Digital Officer - BNI Global (United States) gave a wonderful speech to our students with a captivating title 'Pioneering New Horizons' in the Students Induction Programme held on 26.10.2021 between 2.00 PM and 3.00 PM (see Figure 8.1). She shared her college days experience in CIT and also about her lifestyle after getting graduation from CIT. She gave a speech about how she achieved her goals year by year from 1996 to 2021 after starting her company SCION in Bangaluru. She gave some important gratuities for the students to achieve their goals and asked the students to be open-minded.

She was raised with various questions by the students from all the departments and it is to be mentioned that she was glad to answer each and every question with an eternal spirit. The Session was concluded with the administrator's Vote of Thanks and he too conveyed his thanks to the speaker for her inspiring speech (see Figure 8.2).

Er. P. Margabandu, Managing Director, Eye Foundation, Ambattur, gave a speech about the topic 'Role of CIT in my life – From Teens and Beyond' followed by Er, Meena Srinivasan's speech (see Figure 8.3). On that occasion, he thanked our management and remembered his professors and classmates. He shared about his path of the journey from college life to Eye foundation.



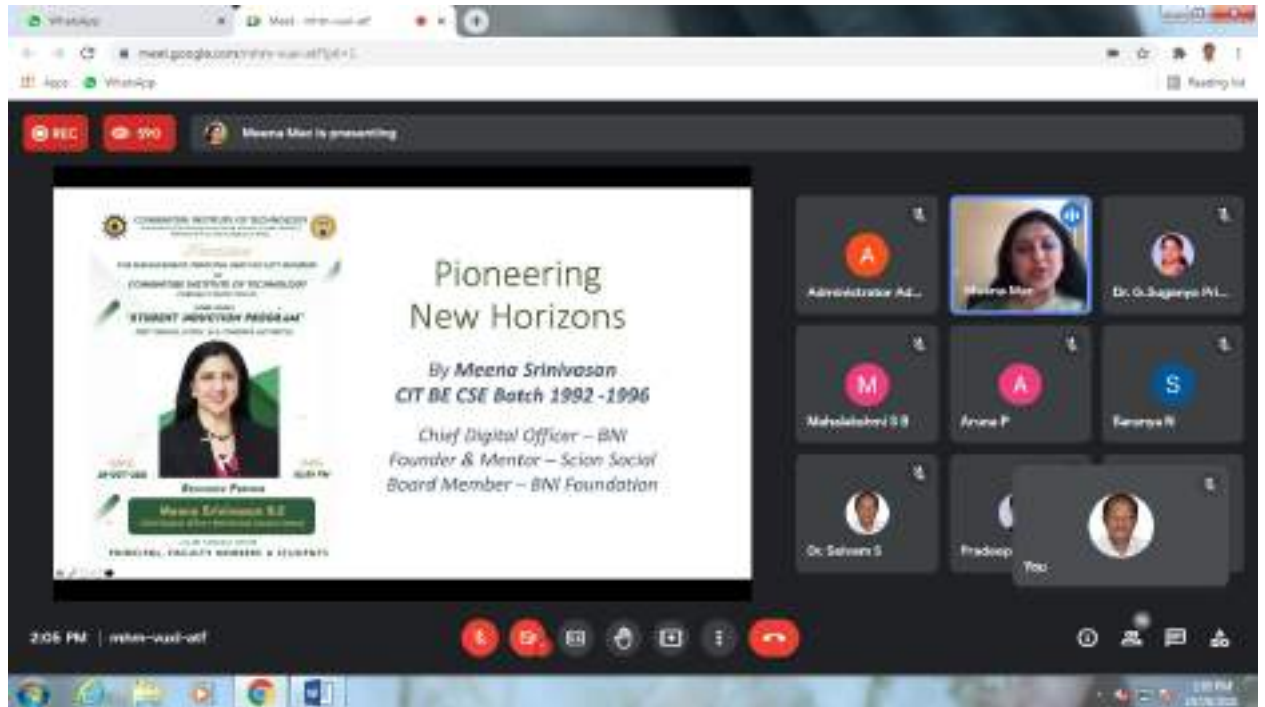


Figure 8.1 Er. Meena Srinivasan presents a talk on Pioneering New Horizons

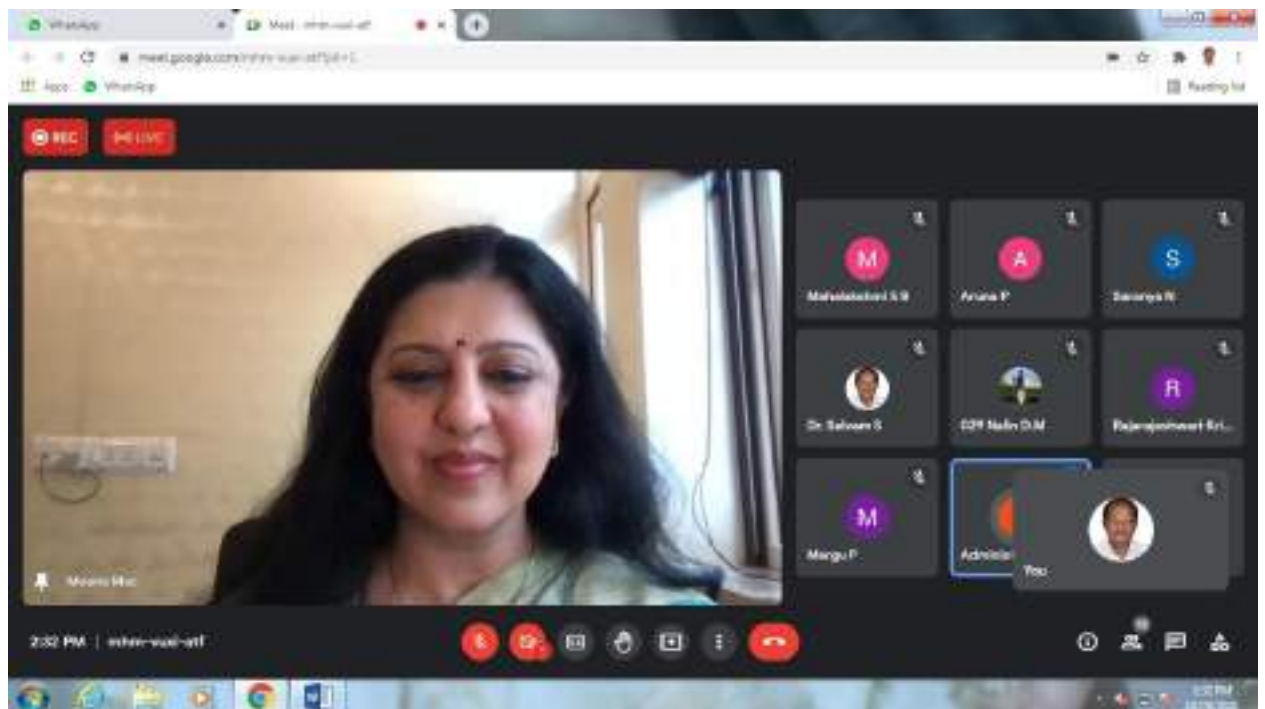


Figure 8.2 Er. Meena Srinivasan interacts with students



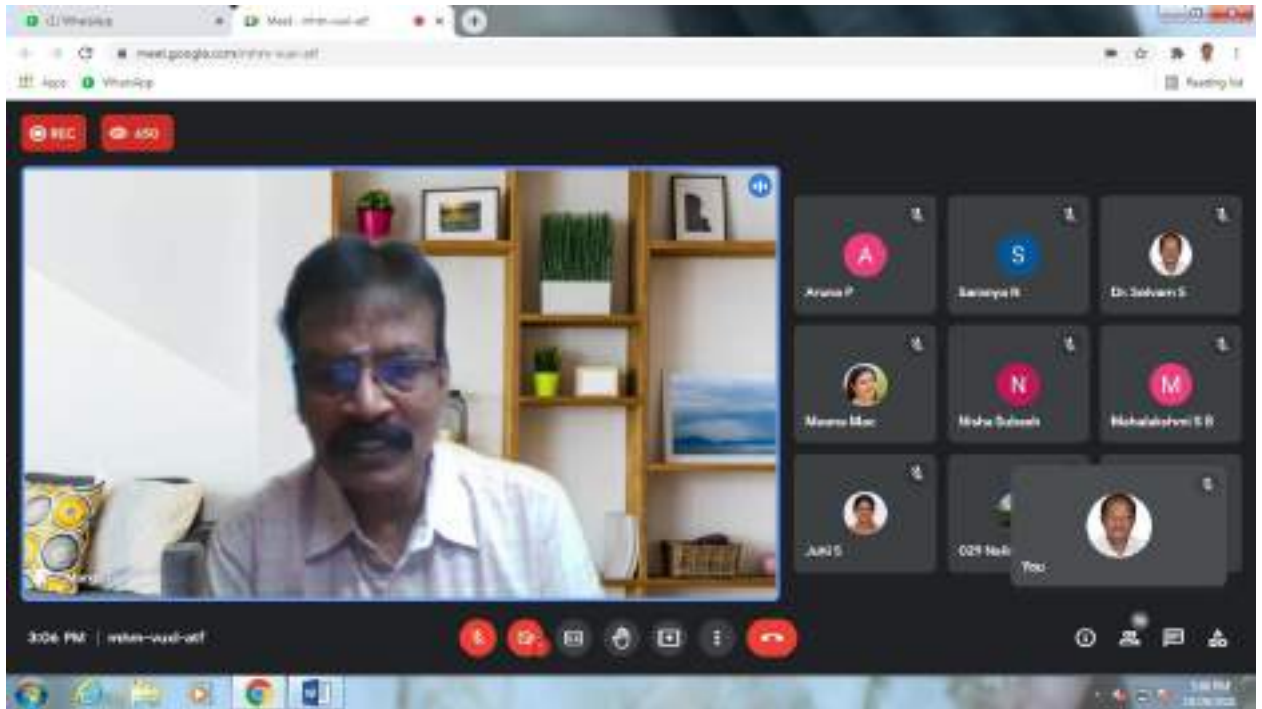


Figure 8.3 Er. P. Margabandu presents a talk on Role of CIT in my life – From Teens and Beyond

He answered all the questions which were raised by the students from all departments. The Session was ended with the administrator's Vote of Thanks.



Day 5 29.10.2021, Friday

Session 9 10:00-11:00 Hrs.

How to Face Competitive Examinations

Ms. Divya IRS

Central Excise, Chennai South

On day 5, session 09 of the three-week virtual students induction programme, was addressed by Ms. Divya IRS of Central Excise – Chennai South to first-year students of 2021 – 2022 Batch on the topic of how to face competitive examinations (see Figure 9.1).

Ms. Divya described how to prepare for the UPSC exams, she has advised the students to visit the UPSC (<https://www.upsc.gov.in>) and asked to download the information available on the website. She has explained the syllabus, eligibility criteria, topics under Paper 1 and Paper 2. She instructed the students to have read the practice of at least one English newspaper, particularly an editorial column daily to under about the current affairs.

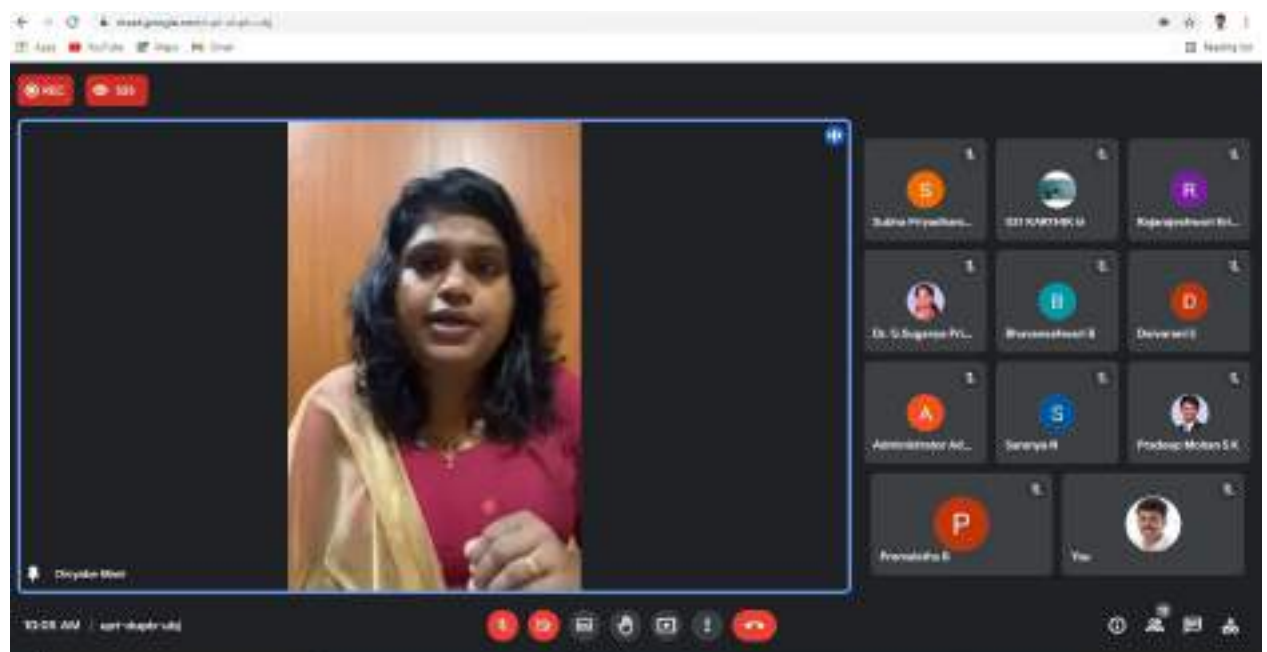


Figure 9.1 Ms. Divya IRS delivering the lecture to the first year students

She has highlighted the duties of the central service officers. Ms. Divya has patiently answered the queries raised by our first-year students and the session was concluded by the MoC with a vote thanks to the speaker.



Day 5 29.10.2021, Friday

Session 9 11:00-12:00 Hrs.

Interaction: Students with Alumnus

Mr. C. Ajay Srinivasan

Additional Collector, DRO, Vellore

On day 5, session 09 of the three-week virtual students induction programme, was the interaction of students with Alumnus Mr. C. Ajay Srinivasan Additional Collector / DRO / Vellore. This continuation of the previous lecture delivered by Ms. Divya, IRS. Mr. C Ajay Srinivasan has highlighted the duties and responsibilities of the State service officers (see Figure 9.3). He motivated our first-year students to prepare for the competitive exams.

The session was concluded with a vote of thanks by MoC after Mr. C. Ajay Srinivasan has answered the questions raised by our first-year students.

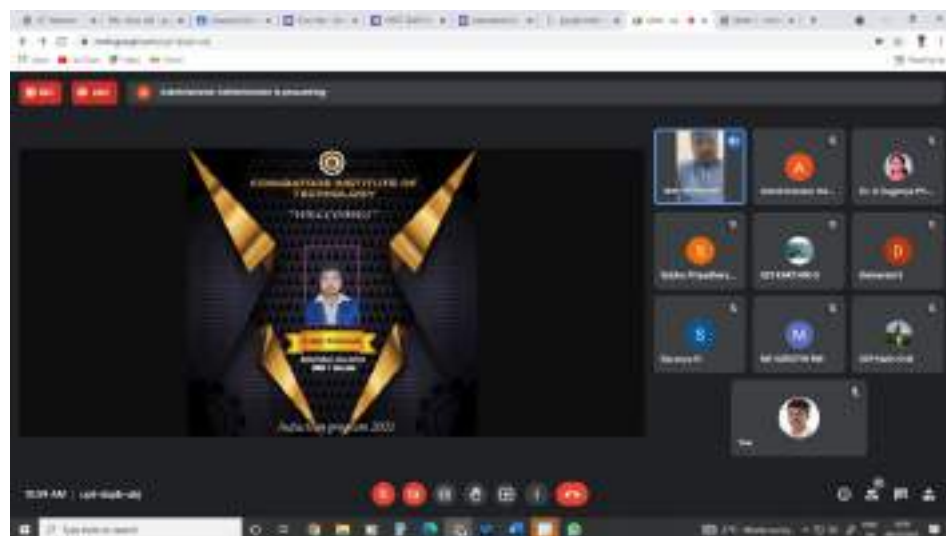


Figure 9.2 Welcome address by Master of Ceremony



Day 5 29.10.2021, Friday

Session 10 14:00-15:00 Hrs.

Recent Scenario in Industrial Sector

Er. Natarajan Sivaramakrishnan

Senior General Manager - Quality, Wheels India Limited, Chennai

Er. Natarajan Sivaramakrishnan, Senior General Manager, Quality Wheels India Limited, Chennai delivered his address in the Student Induction Programme on the fifth day, 29.10.2021 between 02.00 and 03.00 PM. He stressed the importance of quality in the industrial sector and gave a detailed presentation on how it is achieved (see Figures 10.1-10.5).

As a well-experienced quality personnel, the speaker gave an overview of the processes and models that are used to achieve and maintain quality in the industry. The speaker also touched upon Deming's Philosophy of Total Quality Management. He also highlighted the differences between Total Quality Management and Total Productive Management. He explained that TQM focuses on quality with quantity whereas TPM focuses on quantity with quality.

The speaker also showed how quality can be brought out by showing examples from day-to-day activities. The speaker also emphasized the idea of quality through simple examples of pest control and a dice example.

Students from Mechanical Engineering Department raised queries for which the speaker gave replies. The Session was closed as the administrator proposed the Vote of Thanks and conveyed his thanks to the speaker for his insightful speech.



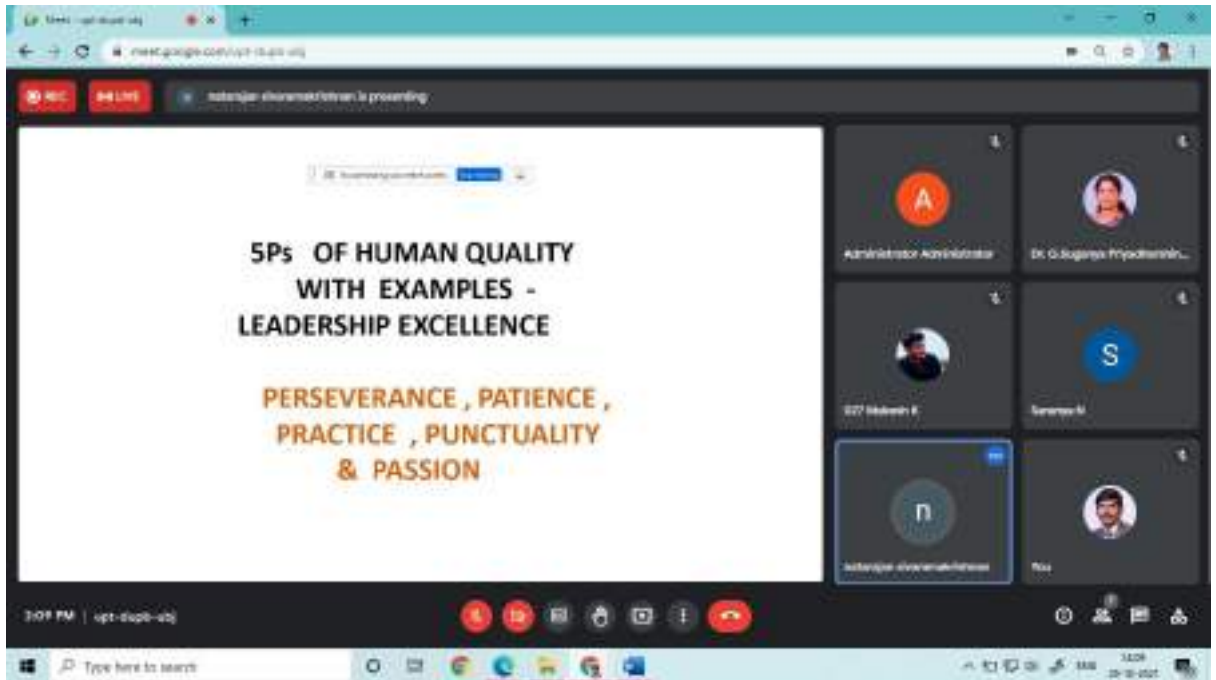


Figure 10.1 Er. Natarajan Sivaramakrishnan presents the concept of 5Ps in Quality Management



Figure 10.2 A practical example for Patience presented by Er. Natarajan Sivaramakrishnan



TPM AND TQM

The automotive manufacturing scenario has moved towards implementation of two broad systems – one is Total Quality Management – TQM and the second is Total Productive Maintenance – TPM

TQM is a top down approach with a focus on variation reduction and 'being sure' is the core ideology. Effectiveness /Quality with quantity is the intent

TPM is a bottom up approach with a focus on waste elimination and 'speed' is the core ideology. Efficiency /Quantity with quality is the intent

The success of an organization depends on how both of them merge together and synergy is brought in

Various systems have evolved over the last 20 years for implementation of TQM and TPM

Figure 10.3 Difference between TQM and TPM by Er. Natarajan Sivaramakrishnan

PEST CONTROL EXAMPLE FOR – EFFECT, CAUSE AND CONTROL ANALYSIS

PROBLEM	EFFECT	SPECIAL CAUSE	COMMON CAUSE	PREVENTION CONTROL	DETECTION CONTROL
Control flying in the restaurant	Irregularity of the order to handle the situation	Irregularity of the order to handle the situation	Irregularity of the order to handle the situation	Irregularity of the order to handle the situation	Irregularity of the order to handle the situation
Physical	Mental	Social	Spiritual	Physical	Mental

Figure 10.4 Pest Control example to explain quality by Er, Natarajan Sivaramakrishnan



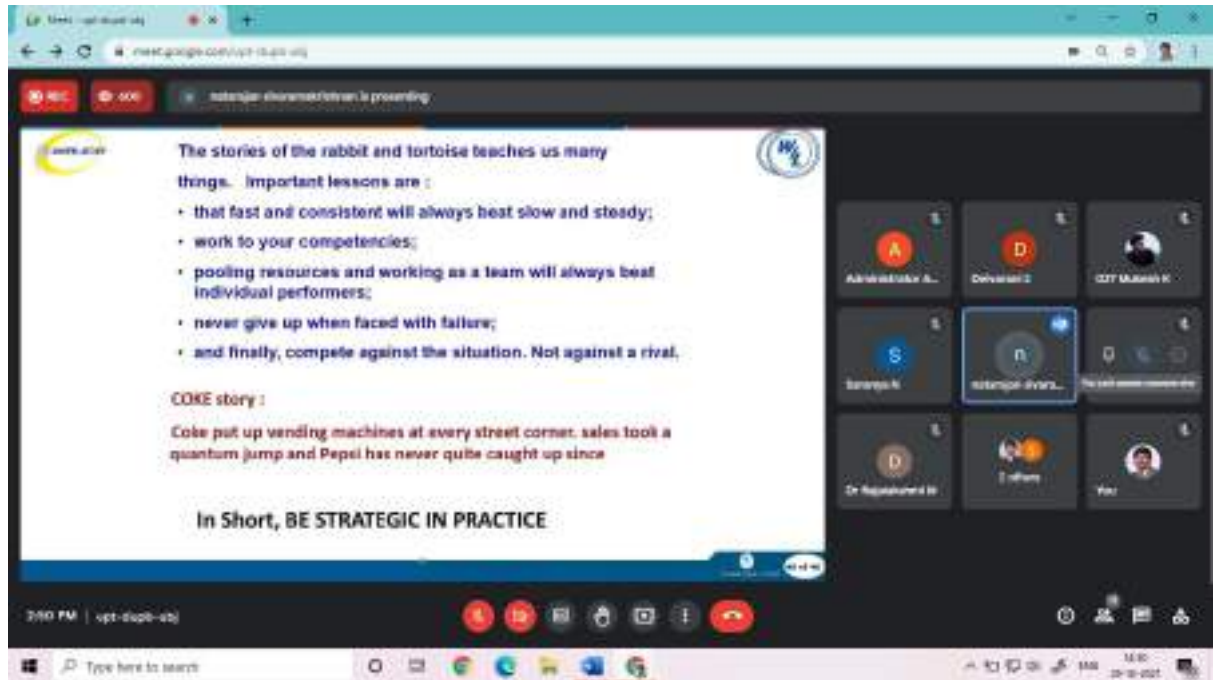


Figure 10.5 Simple Stories to highlight Quality Management by Er. Natarajan Sivaramakrishnan



Day 5 29.10.2021, Friday

Session 10 15:00-16:00 Hrs.

Born to Win

Rtn. PHF. R. Hendry Amalaraj

Zonal Chairman-Partnership Forums, Rotary-Youth Service

Mr. R. Hendry Amalaraj, Zonal Chairman, Partnership Forums Rotary – Youth Service, delivered his address in the Student Induction Programme on the fifth day, 29.10.2021 between 03.00 and 04.00 PM. He gave an inspirational speech on ‘Born to win’ (see Figure 10.7). He gave many examples from his life and from the lives of great leaders around the world to emphasize that passion for excellence was a success.

He added that positivity, sincerity, passion for excellence, and perseverance can take any human being to greater heights. He also shared the story of Mr. Barack Obama, who came from an underprivileged family, who was a drug addict, who lost both his parents but then was able to overcome addiction and raised to the height of being the President of the USA twice and came up with the mantra, ‘Yes we can’.

He shared many such instances from the lives of Mother Theresa, Ratan Tata, Swami Vivekananda and highlighted the attributes these leaders possessed and which led them to their success in life.

The students of Mechanical Engineering asked their queries to the speaker to which Mr. Hendry responded with enthusiastic answers. The administrator proposed a Vote of Thanks and thanked Mr. Hendry for sharing his valuable experiences (see Figure 10.8).



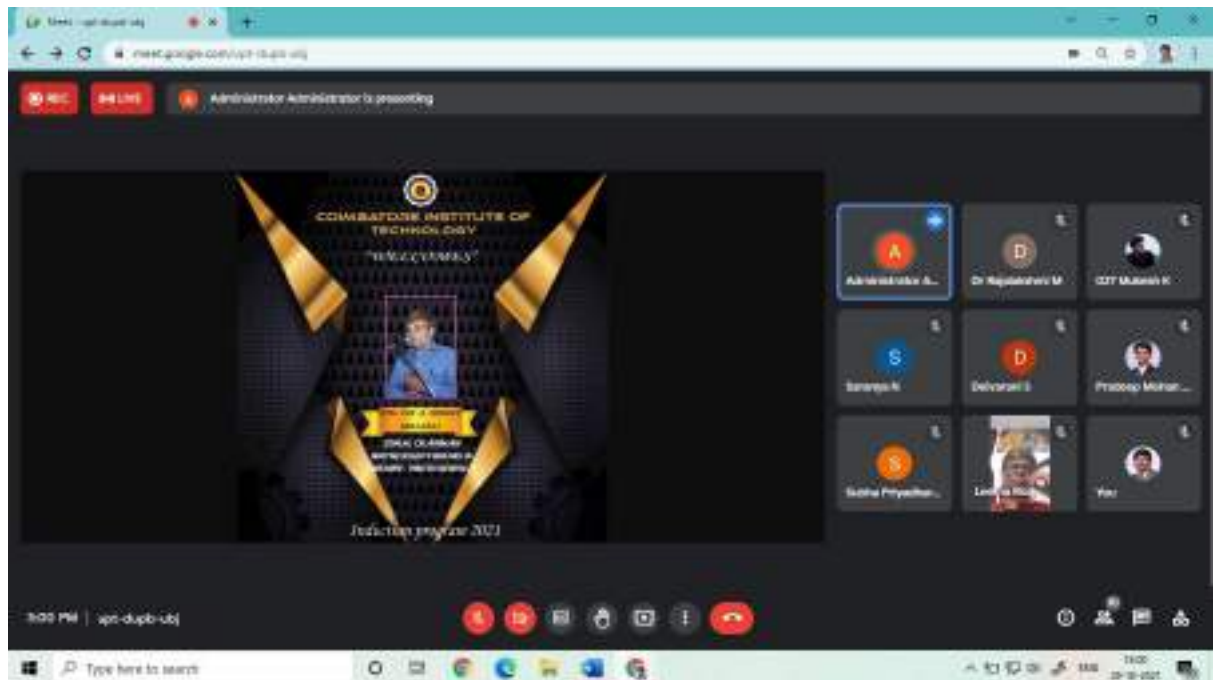


Figure 10.6 Welcome Address by Administrator

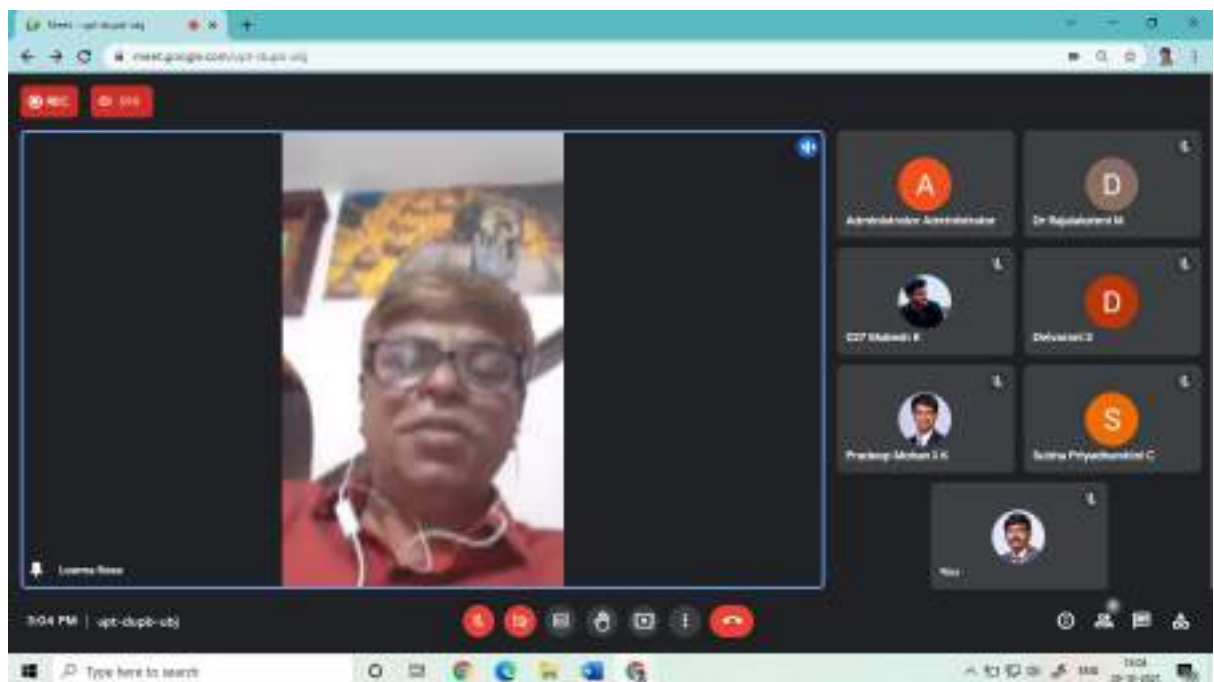


Figure 10.7 Speech by Mr. Hendry Amalraj



B.E. Students Induction Programme 2021, Department of Mechanical Engineering
Coimbatore Institute of Technology, Coimbatore, 25th Oct.-13th Nov. 2021



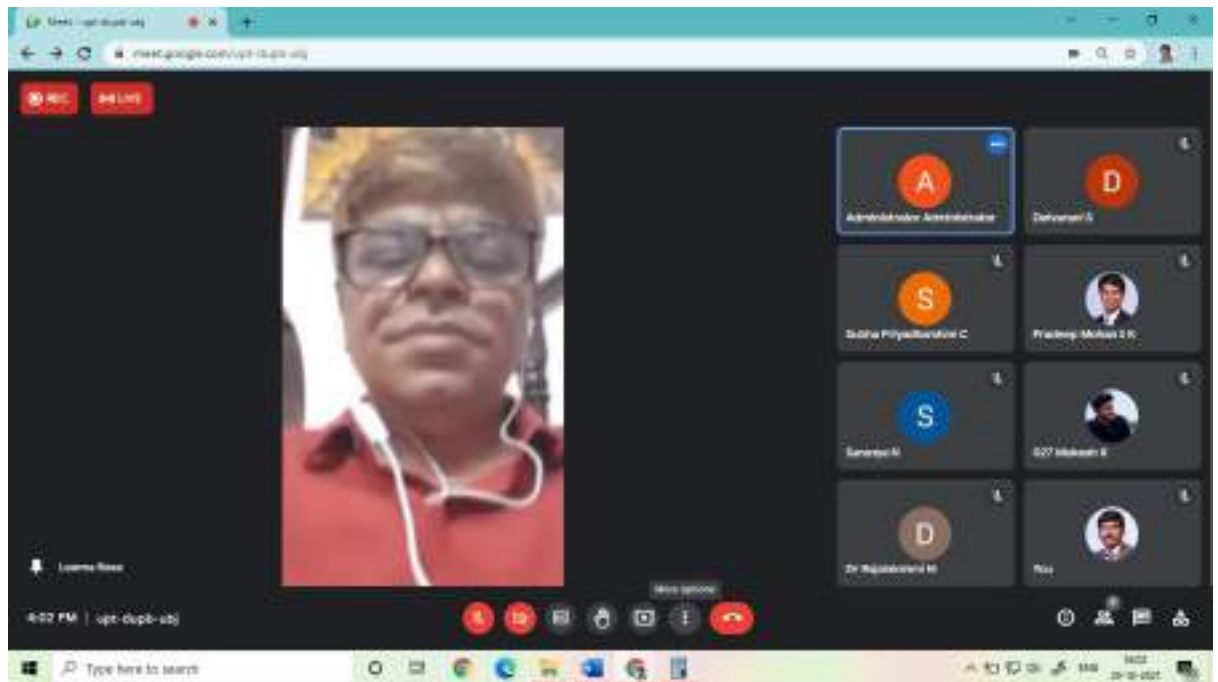


Figure 10.8 Vote of Thanks by Administrator



நாள் 6

30.10.2021 (சனிக்கிழமை)

மாமன்ற அமர்வு 12

மாலை 02:00–04:00 மணி

உணவே மருந்து – மருந்தே உணவு**திரு. யோகானந்த ஸ்ரீ அன்னராஜ்****ஸ்ரீ வீரமாருதி யோக நிலையம், கோயம்புத்தூர்**

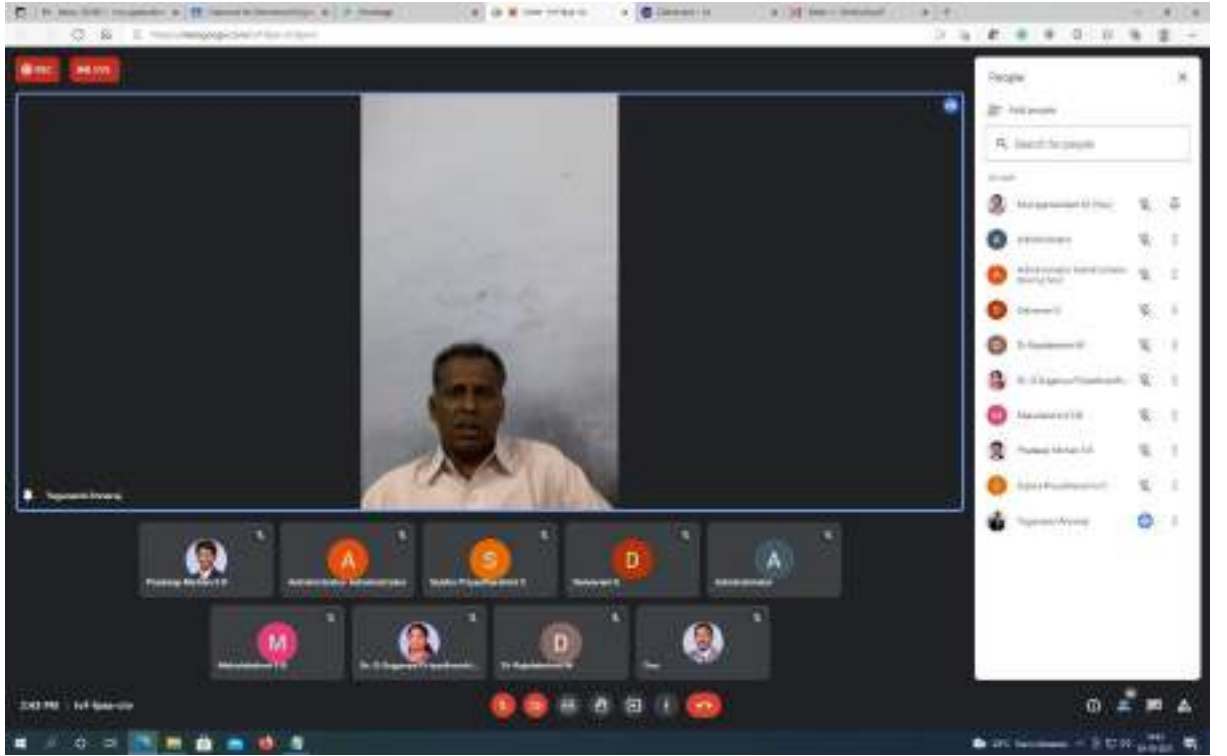
திரு. யோகானந்த ஸ்ரீ அன்னராஜ் (ஸ்ரீ வீரமாருதி யோக நிலையம், கோயம்புத்தூர்) அவர்கள் உணவே மருந்து – மருந்தே உணவு என்ற தலைப்பில் உரையாற்றினார். அவர்களின் உரையிலிருந்து கீழ்க்காணும் கருத்துக்கள் பெறப்பட்டன. உணவில் காய்கறி மற்றும் கீரைகளை சேர்க்க வேண்டும். பித்தம் சார்ந்த வியாதிகளை சரிசெய்ய கடுக்காயை காலை மற்றும் மாலை வேளைகளில் உண்ணலாம். 1990-களில் நூற்றுக்கு இரண்டு மாணவர்கள் கண் கண்ணாடி அணிந்திருப்பர். 2000-களில் நூற்றுக்கு பத்து மாணவர்கள் கண் கண்ணாடி அணிந்திருப்பர். இன்றோ நூற்றுக்கு ஐம்பது மாணவர்கள் கண் கண்ணாடி அணிந்திருக்கின்றனர். இதற்கு பித்தமே காரணமாகும். தேனில் இஞ்சியை சேர்த்து உண்டால் பித்தத்தை தவிர்க்கலாம். மலச்சிக்கல், தலைவலி, மற்றும் மயக்கத்திற்கு காரணமாக இருப்பது உணவின் அமிலத்தன்மையாகும். உடலில் இரத்த ஓட்டம், வெப்ப ஓட்டம், மற்றும் காற்று ஓட்டம் சீராக இருந்தால் உடலில் உள்ள நோய்களை தவிர்க்கலாம்.

தமிழக உணவுகளில் ரசம் மிக முக்கியமானது. சிறுநீரகக்கல் உருவாவதற்குக் காரணமாவது நாம் ரசம் சேர்க்காமல் இருப்பதேயாகும். திரிபலா குரணம் மலச்சிக்கலை குணமாக்கவல்லது. வெற்றிலை சளிக்கு மிகச்சிறந்த மருந்தாகும். வெற்றிலை, சுண்ணாம்பு, மற்றும் பாக்கு ஆகியவற்றை சேர்த்து மெல்லுதல் சீரணத்திற்கு நன்று. வாரத்திற்கு ஒரு முறை அல்லது இரு முறை பாசிப்பருப்பு, உடைத்த அரிசி, மற்றும் சீரகத்தை சேர்த்து கொதிக்க வைத்து, சூடான நிலையில் நெய்யை சேர்த்து, காலை பொழுதில் பருகினால் உடல் உறுப்புகள் சுத்தமாகும். மாதுளை, வாழைத்தண்டு, பேரிச்சை, மற்றும் தேங்காய் ஆகியவற்றை தலா இரண்டு தேக்கரண்டிகள் சேர்த்து கிச்சடி செய்து சாப்பிட கழிவு மண்டலம், எலும்பு மண்டலம், சுவாச மண்டலம் சார்ந்த வியாதிகளை குணமாக்கலாம்.

காய்கறியின் அரசன் கத்திரிக்காய். இதனை சமைக்காமல் சாறாக்கி பருகினால் சிறுநீரகம் நன்றாக செயல்படும். தோல் வியாதிகளைத் தடுக்கலாம். இரத்தம் சுத்தமாகும். புடலை தூக்கமின்மையைப் போக்கும். அரசாணிக்காயானது ஓர் இயற்கையான பழ வெல்லமாகும். வயிற்று வலிக்கு சிறந்த மருந்தாகும். முருங்கைக்காயை அதிகமாக வேக வைக்கக் கூடாது. அகத்திக்கீரையை அதிகமாக வேக வைக்கவேண்டும். முருங்கைக்காயை ஆவியில் வேக வைத்து சாப்பிட்டால் நுரையீரல் சளியை வெளியேற்றும். தேங்காயை சமைக்காமல் சாப்பிட்டால் கெட்டக் கொழுப்புக் கரையும். கடுக்காய் எடுப்பின் மிடுக்காய்



நடப்பர். கொப்பரை தேங்காயை காலை, மதியம், மற்றும் மாலை வேளைகளில் ஒரு கைப்பிடியளவு சாப்பிட்டால் மூட்டுவலி மற்றும் நாவறட்சி நீங்கும். பீட்ரூட் மற்றும் கேரட் ஆகியவை தோலுடன் சாப்பிட உகந்த காய்கறிகள். கொத்தவரையை வேகவைத்து சாப்பிட்டால் வாயுத் தொல்லை வரும். இதனை சாறாக்கி பருகினால் நரம்புத்தளர்ச்சி மற்றும் படப்படப்பு நீங்கும். கொளுத்தவனுக்கு கொள்ளு மற்றும் இளைச்சவனுக்கு எள்ளு. கொள்ளுவை எட்டு மணி நேரம் ஊறவைத்து, இரண்டு நாட்கள் வெயிலில் உலர்த்தி, வறுத்து, மற்றும் பொடிச் செய்து வாரத்தில் இரண்டு வேளைகளில் சாப்பிட்டால் தேவையற்ற கொழுப்பு நீங்கும். வடிசாறாகவும் பருகலாம்.



புறவுரு 12.1 திரு. யோகானந்த ஸ்ரீ அன்னராஜ் அவர்கள் உணவே மருந்து – மருந்தே உணவு என்ற தலைப்பில் உரையாற்றினார்

வெண்டையின் பலன்களாவன: உயர் இரத்தழுத்தம் நீங்கும், உடற்கழிவுகளை வெளியேற்றும், சைனஸிடீஸ் குணமடையும், மற்றும் சளி தொந்தரவு நீங்கும். வெண்டையை சமைக்காமல் சாப்பிடலாம். எலுமிச்சை ஒரு ராஜ கனி. இதனை உணவில் சேர்த்தால் குழந்தைப்பேறின்மை மற்றும் வயிற்றுவலி நீங்கும். மிளகாயை சாப்பிடுவதனால் ஏற்படும் காரத்தன்மையை அதன் காம்பை சாப்பிடுவதனால் சமன் செய்யலாம். மிளகை பகைவன் வீட்டிலும் சென்று சாப்பிடலாம். மிளகு இரத்தத்தை சுத்தப்படுத்தும். பொன்னாங்கண்ணிக் கீரை சாப்பிட்டால் கண் ஆரோக்கியம் பெறும். கல்லீரலை சுற்றி கொழுப்பு ஏற்பட்டால் சுவாசப் பிரச்சனைகள் ஏற்படும். இதனைத் தவிர்க்கக் கீழ்க்கண்டவற்றை உணவில் சேர்க்கலாம்: பீர்க்காங்காய், கோவக்காய், நெல்லி, வெள்ளைக் கரிசலாங்கண்ணி, மற்றும் கீழாநெல்லி.



முருங்கைக்கீரை, வெங்காயம், தக்காளி, சீரகம், உப்பு, மற்றும் மிளகைக் கலந்து வடிசாறு செய்து பருகினால் உடல் ஆரோக்கியம் பெறும். இரத்த சோகையைத் தவிர்க்கக் கீழ்க்கண்டவற்றை உணவில் சேர்க்கலாம்: முருங்கைக்கீரை, கரிசலாங்கண்ணிக்கீரை, பச்சைச் சுண்டைக்காய், பேரிச்சம்பழம், வெந்தயக்கீரை, மற்றும் நெல்லி.

தினமும் கண் பயிற்சி, கபாலபதி பயிற்சி, மற்றும் மூச்சுப் பயிற்சி செய்தல் நன்று. வாரத்திற்கு ஒரு முறை அல்லது இரு முறை எண்ணெய் குளியல் சிறந்தது.



Day 8 01.11.2021, Monday

Session 13 10:00-12:00 Hrs.

Time Stress & Health Management

Dr. G. P. Godhanavalli

Student and Family Counselor, Social Activist

Student induction programme has been conducted by Dr. G. P. Godhanavalli on the topic of personal hygiene (see Figure 13.1). She discussed the hygiene techniques to be followed in our day-to-day life and also to get rid of the current covid 19 pandemics. She interacted with the students about the environmental impacts and how to protect it. She also discussed the going nature way to prevent viruses from our body.

But even though I've always believed that hiking in nature had many psychological benefits, I've never had much science to back me up...until now, that is. Scientists are beginning to find evidence that being in nature has a profound impact on our brains and our behaviour, helping us to reduce anxiety, brooding, and stress, and increasing our attention capacity, creativity, and our ability to connect with other people. People have been discussing their profound experiences in nature for the last several 100 years.

Speaker madam also discussed the general behaviour about the student and the teacher relationship in the classroom, and also how to make a discussion successful. She also taught the general physical exercises to be carried out during our routine work. Madam also clarified certain doubts which have been asked from the students' side. After the question-answer session finally vote of Thanks have been given by Mr. S. Praveenkumar, Assistant Professor from the Department of Mechanical Engineering.



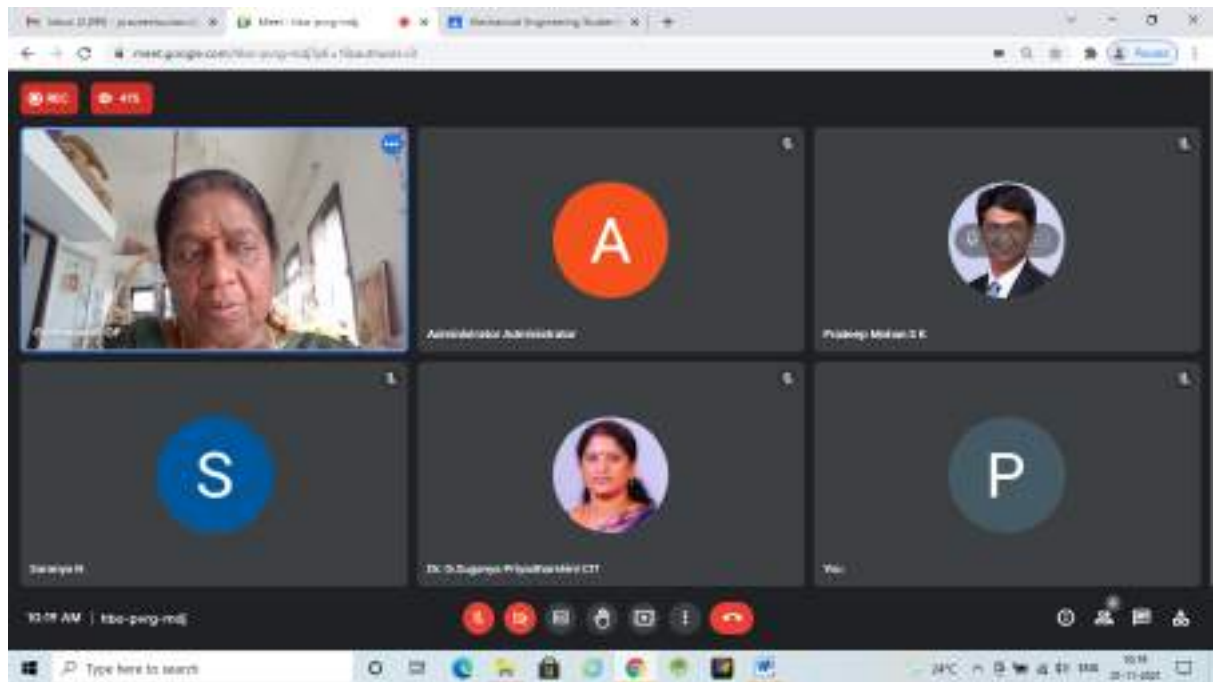


Figure 13.1 Speech by Dr. G. P. Godhanavalli



Day 8 01.11.2021, Monday

Session 14 14:00-16:00 Hrs.

Vaiyath Thalaimai Kol

Ms. P. S. Meyshri

Radio Jockey Rainbow FM & Director – Kalaiaalayam Fine Arts

The session is started after the welcome address to Ms. P. S. Meyshri and all the other present. In the session, she talks about how important our mindset is by relating to incidents that happened in the past (see Figure 14.1). She then talks about how the political position is not important to bring up a change by relating Mahatma Gandhi Ji, etc. She then talks about how important communication is to bring up a change. The questions asked to her were all answered thoughtfully and the session was ended after the vote of thanks.

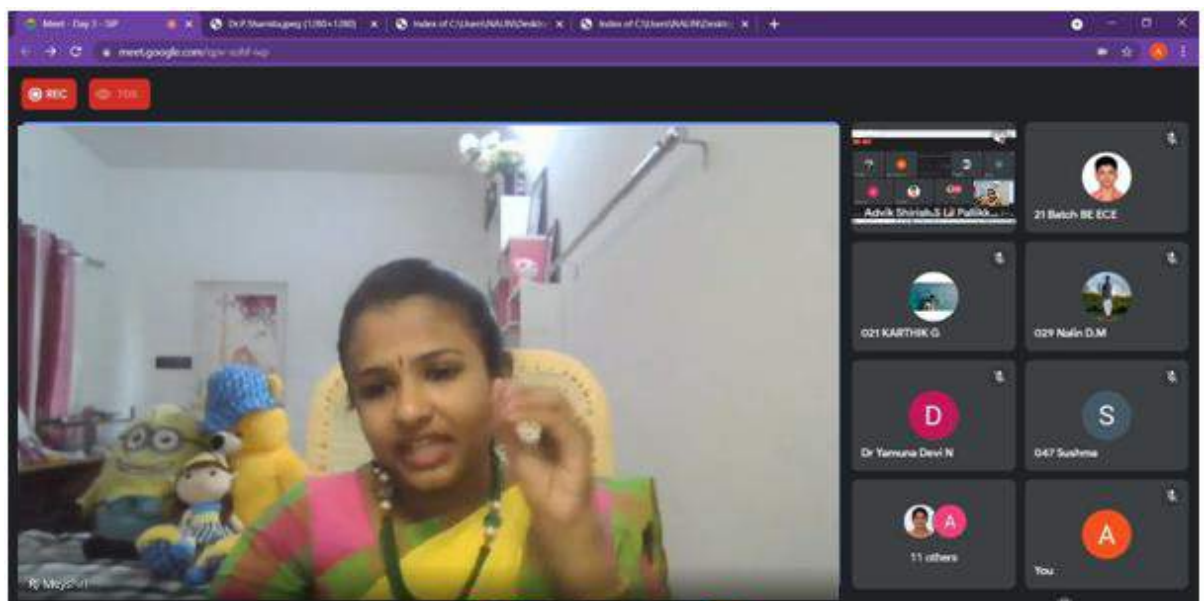


Figure 14.1 Speech by Ms. P. S. Meyshri



Day 9 02.11.2021, Tuesday

Session 15 10:00-12:00 Hrs.

Library Practice

Dr. M. Mandhirasalam

Dean - Academic & Research Resource Assistance

Coimbatore Institute of Technology, Coimbatore -641 014

Dr. M. Mandhirasalam, Dean, Academic & Research Resource Assistance, CIT, gave an excellent speech to our first-year students with the title of ‘Library system, Services, Web OPAC & E-Resources’ on the 8th day of the Students Induction Programme held on 26.10.2021 between 10.00 AM and 12.00 PM (see Figures 15.1-15.4).

He briefly explained the features of the CIT library. He demonstrated that how the books are issued from the library for active learning of the students with the fulfillment of knowledge. He explained how the students should download the online mobile app, how to create an account, and how to get access to OPAC & web OPAC with the help of a video.

He clearly explained how to subscribe to E-Resources like science direct, springer, ASME, ASCE, IEEE, Scopus, and McGraw Hill ebooks. After that, he explained how the students should get membership in SWAYAM-NPTEL, COURSERA, IETE, IEI, ACI, NDLI, etc., with the aid of a video. Finally, he gave a brief introduction about ‘Kalam Knowledge Club’, by means of a video.

He answered all the questions which are raised by the students. The Session was ended with the administrator’s Vote of Thanks and he too conveyed his thanks to the speaker for his informative speech.



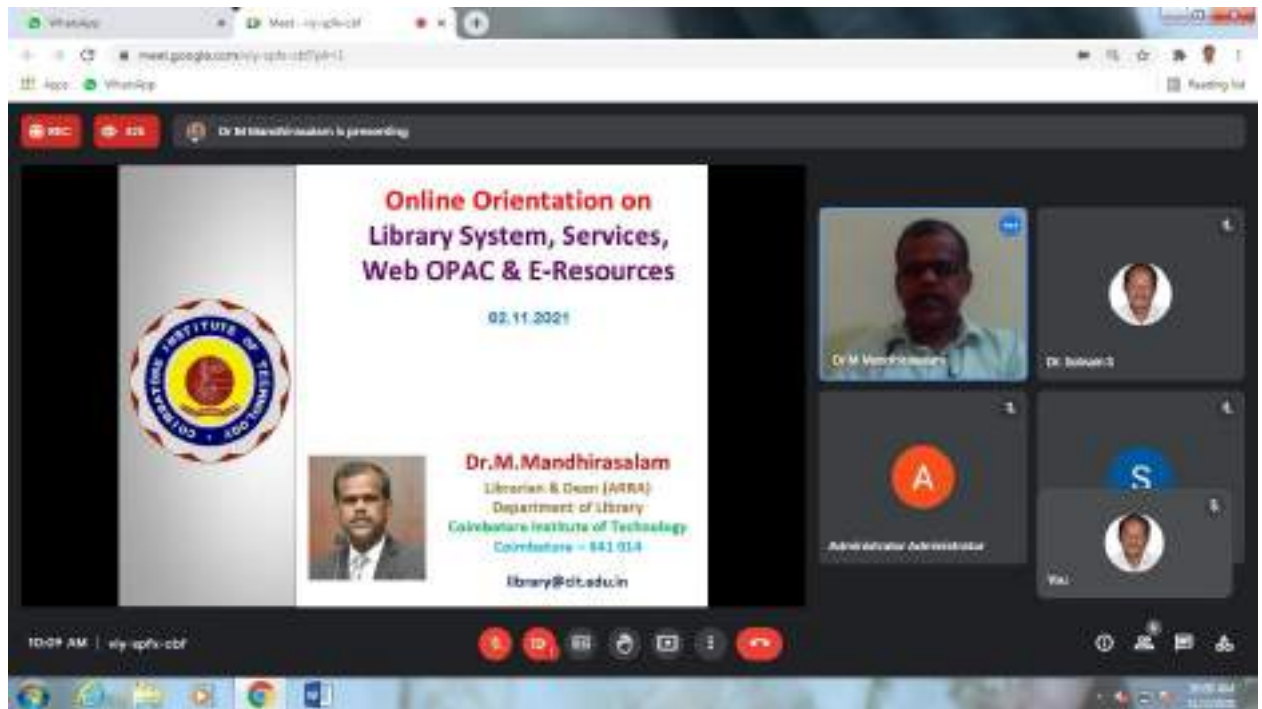


Figure 15.1 Dr. M. Mandhirasalam delivers an address on the topic of Library Practice



Figure 15.2 Online Public Access Catalogue



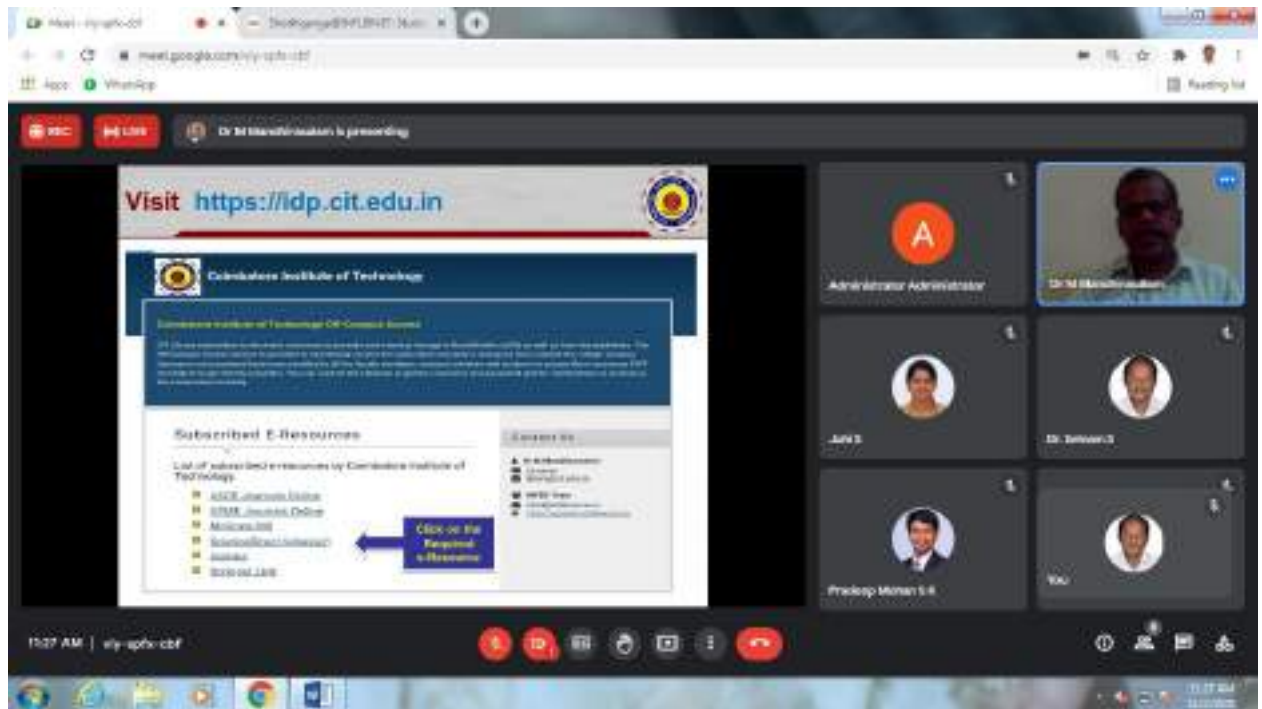


Figure 15.3 CIT Library E-Resources

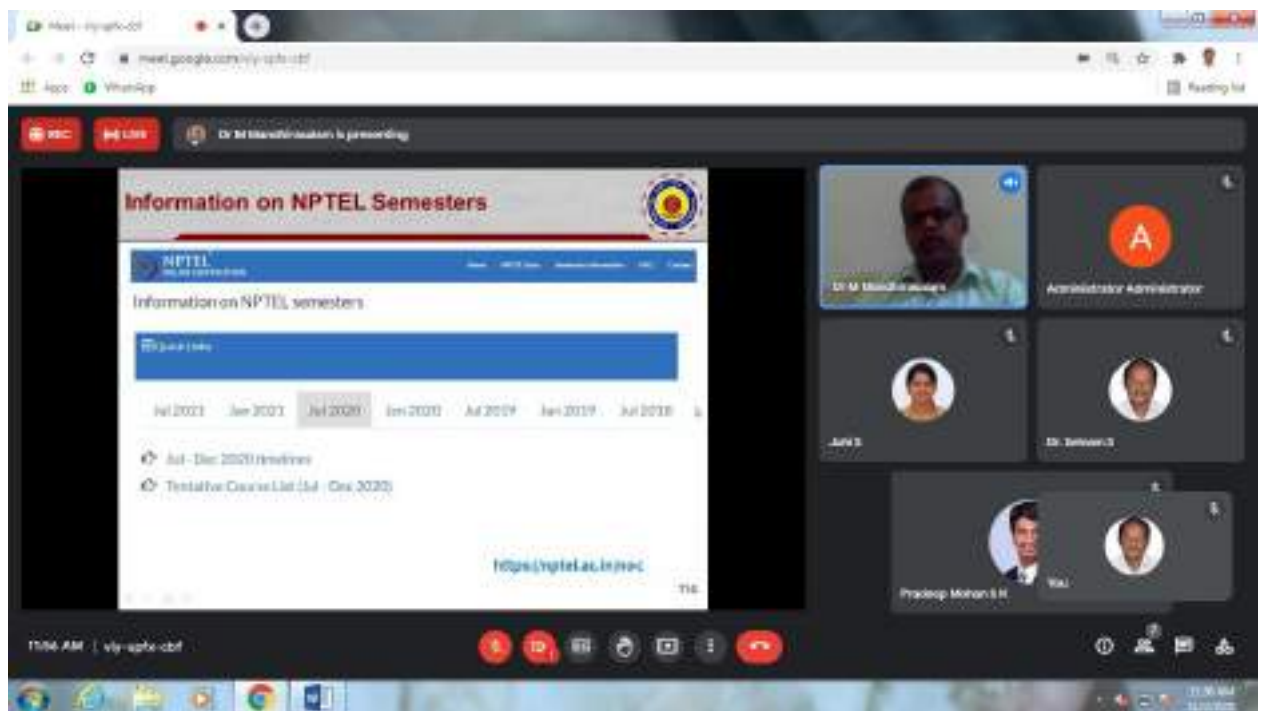


Figure 15.4 Information on NPTEL Semesters



B.E. Students Induction Programme 2021, Department of Mechanical Engineering
Coimbatore Institute of Technology, Coimbatore, 25th Oct.-13th Nov. 2021



Day 9 02.11.2021, Tuesday

Session 16 14:00-16:00 Hrs.

Health Awareness Homeo

Dr. N. Abirami

Homeopathy Specialist, Coimbatore

Dr. N. Abirami was the speaker for the 16th Session of the student induction programme. The speaker has delivered a lecture on Homeopathy (see Figure 16.1). She discussed the importance of healthy life for the students and she also highlighted the homeopathy medicine for the various diseases. The doctor has answered the question asked by the first-year students on various health issues and good food for a healthy life. The session was concluded by MoC with a vote of thanks.



Figure 16.1 Dr. N. Abirami delivers an address on the topic of Health Awareness Homeo



Day 10 03.11.2021, Wednesday

Session 17 10:00-12:00 Hrs.

Life, Career, and Dreams

Mr. Sivakumar Palaniappan

Corporate Trainer & Consultant, Thinkfluence Global

Mr. P. Sivakumar, a corporate trainer, and consultant delivered his address in the Student Induction Programme on the tenth day, 03.11.2021 between 10.00 AM and 12.00 PM (see Figure 17.1). He stressed the importance of having a goal and commitment towards achieving that goal.

He gave a practical example as to how young kids, without proper commitment lost opportunities that would have been utilized for a bright future. He also stressed the importance of skill development and highlighted that unemployment is not because of a shortage of jobs but because of unskilled professionals.

The speaker also pointed out the difference between resume writing and resume building. He motivated the students to participate in various technical competitions and build their skills apart from acquiring knowledge in classroom teaching. He also stressed the importance of hands-on training and acquiring practical knowledge rather than being satisfied with theoretical knowledge (see Figures 17.2 and 17.3).

He also encouraged the students to read the book “Become an engineer not just an engineering graduate” which was authored by the speaker himself. Students from Mechanical Engineering Department raised queries for which the speaker gave replies (see Figure 17.4). The Session was closed as the administrator proposed the Vote of Thanks and conveyed his thanks to the speaker for his motivational speech.



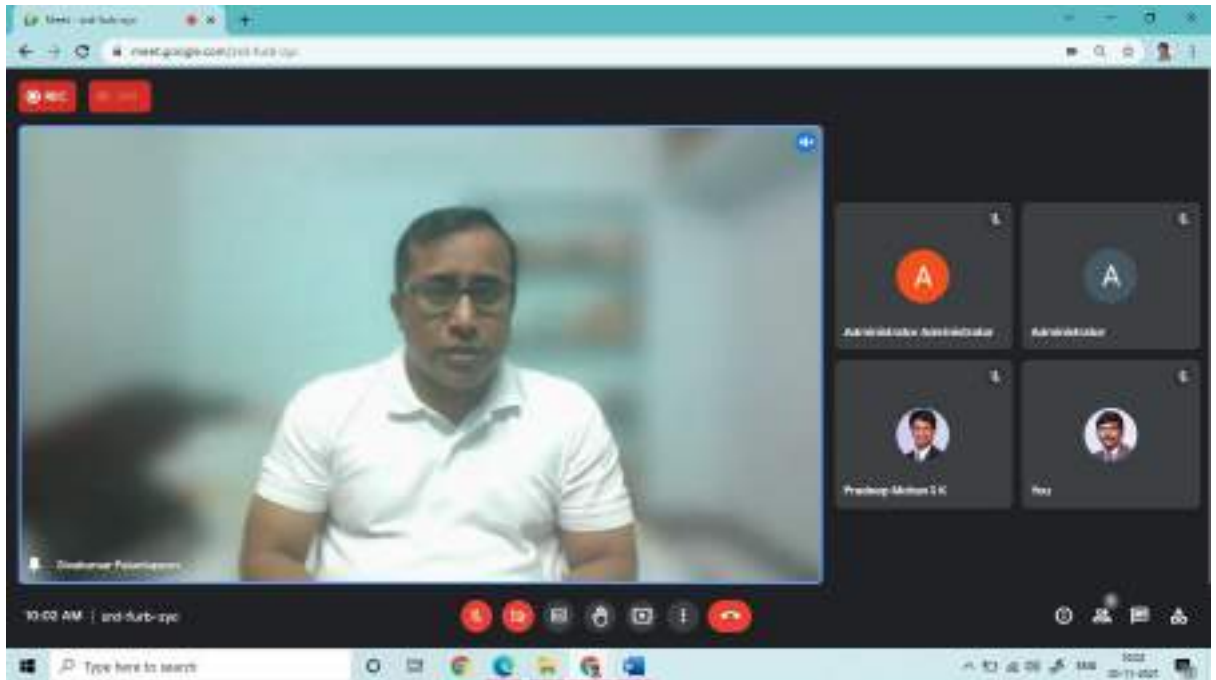


Figure 17.1 Mr. P. Sivakumar, Consultant & Corporate Trainer delivers the lecture

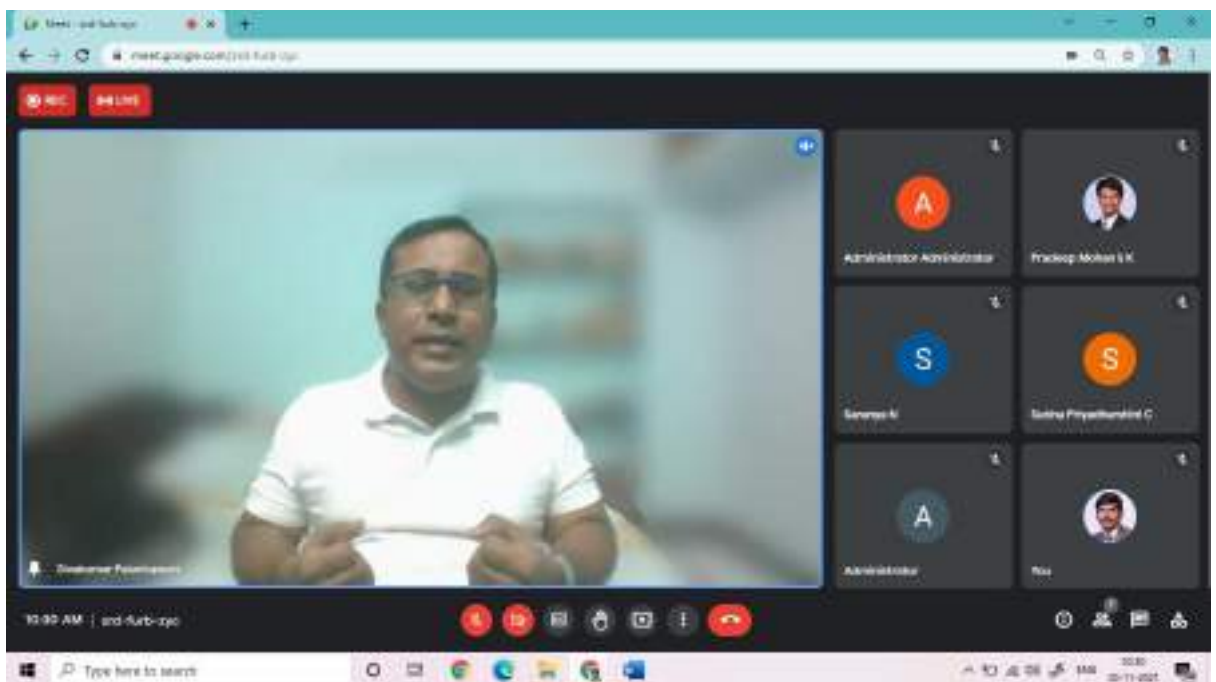


Figure 17.2 Mr. P. Sivakumar stresses the importance of hands-on exposure



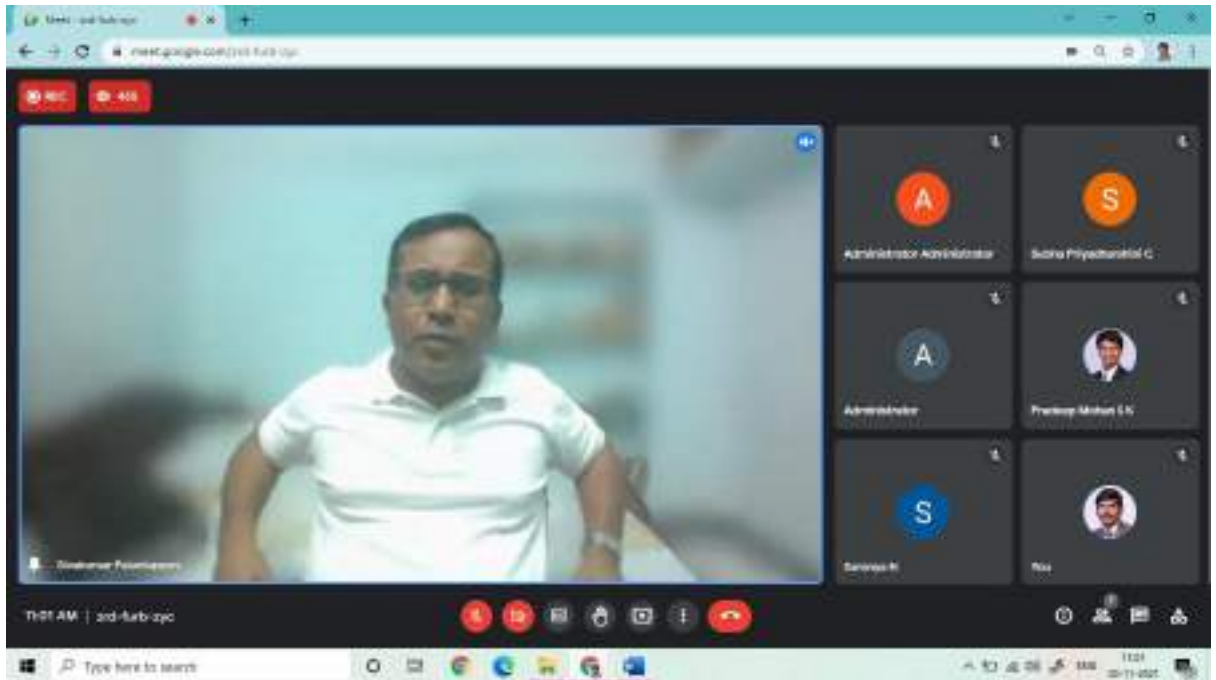


Figure 17.3 Mr. P. Sivakumar stresses the importance of self-control

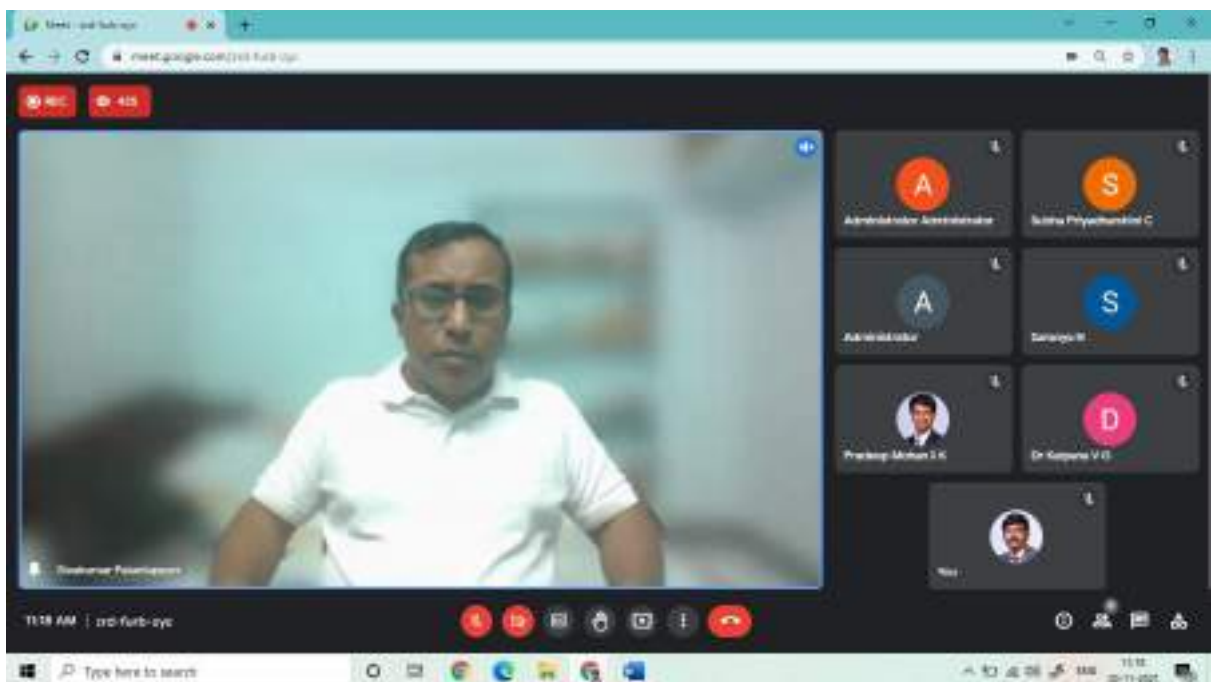


Figure 17.4 Mr. P. Sivakumar answers the queries of students



Day 13 06.11.2021, Saturday

Session 21 10:00-12:00 Hrs.

Placement at CIT

Placement Students Coordinator

(Civil, Mechanical, EEE, ECE, CSE, IT and Chemical)

The session was started with a welcome address to the coordinators from the placement cell of CIT and all the others who were present. It was a warm and clear session held by our 4th-year student coordinators of placement cell - CIT. They explained to our first-year champs about the placements on our campus over the past years and the salary packages offered. They have also answered all the queries that have been raised to them by the first-year students (see Figure 21.1). The session was concluded after the vote of thanks.

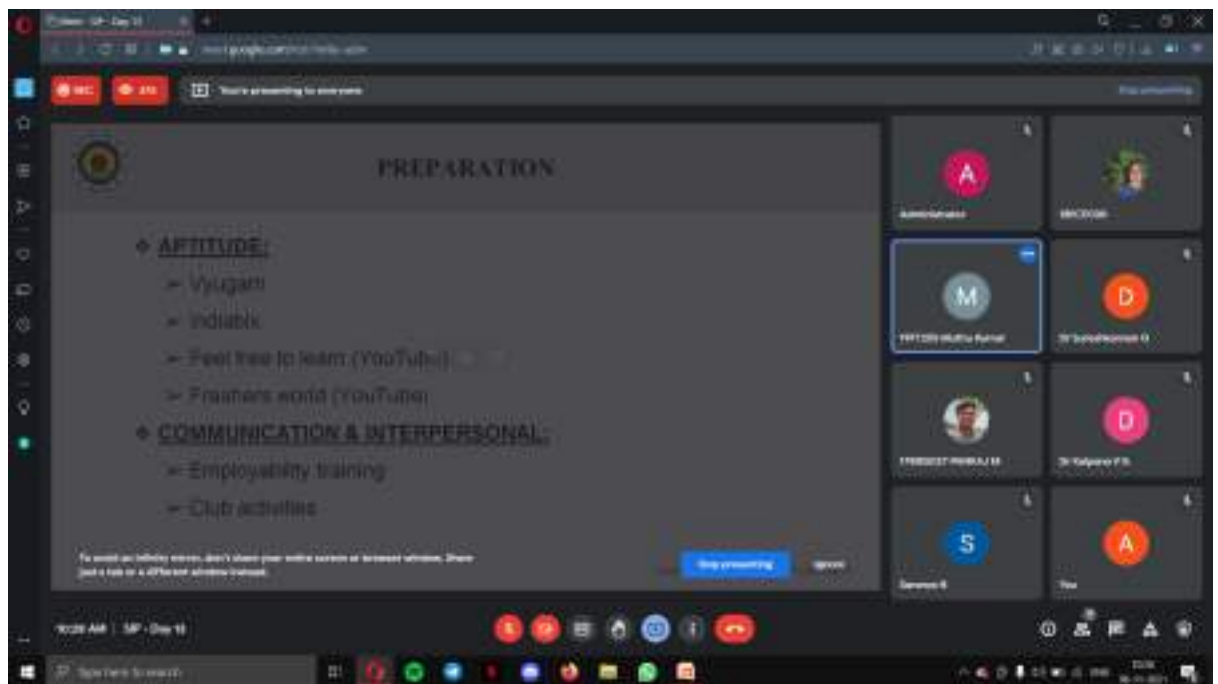


Figure 21.1 Placement Coordinator answers the queries of students



Day 13 06.11.2021, Saturday

Session 22 14:00-16:00 Hrs.

Unlearn the past for a bright future

Mr. Saravanaprabhu Subramanian

Art of Living, Coimbatore

The session was started with a welcome address to the speaker Mr. Saravanaprabhu Subramanian (see Figure 22.1) and all the others who were present. He has over 18 years of work experience in the software industry and not only that he is a life skill trainer, a certified yoga instructor, varma practitioner, NLP practitioner. This session was the most interactive session in all of the student induction program 2021. The students were able to interact directly and they were also given small activities in the session (see Figures 22.2 and 22.3). He also gave a lot of important tips to our students regarding common issues faced in life and he also answered all the questions asked to him by our students patiently. The session was concluded after the vote of thanks.



Figure 22.1 Mr. Saravanaprabhu S. addresses the students





Figure 22.2 Mr. Saravanaprabhu S. answers the queries of students



Figure 22.3 Mr. Saravanaprabhu S. answers the queries of students



Day 15 08.11.2021, Monday

Session 23 10:00-12:00 Hrs.

Students Induction Address

Dr. K. Marimuthu

Professor and Head

Dr. Sridhar Thyageswaran

Professor

Department of Mechanical Engineering

Coimbatore Institute of Technology, Coimbatore – 641 014

On Day 15, Session 23, of the three-week Virtual Students Induction Programme for the first-year mechanical engineering students of 2021 – 2022 is addressed by the head of the department of mechanical engineering, Dr. K. Marimuthu (see Figure 23.1).

The session was started with an introductory note about our HOD Dr. K. Marimuthu, the introductory note was given by Dr. G. Sivakumar and he invited Dr. K. Marimuthu, Professor and HOD, to address the first-year mechanical engineering students.



Figure 23.1 Dr. K. Marimuthu delivers the students induction address

Dr. K. Marimuthu delivered the welcome address to the students of first-year B.E. Mechanical Engineering. He has described the courses, available resources and also pointed out the research facility of the department. After the welcome address, HoD sir invited the



first-year students to give a self-introduction about themselves. The students have given a self-introduction about their family members, hobbies, why they selected this prestigious college and mechanical engineering department (see Figure 23.2).



Figure 23.2 Self Introduction by B.E. Mechanical Engineering First-Year Students

In the next session, Dr. M. Muruganandam has delivered the introductory note about Dr. Sridhar Thyageswaran, Professor, DoME, who is the speaker of the session and he once again welcomed the first-year students (see Figure 23.3). Professor Dr. Sridhar Thyageswaran addressed our first-year mechanical engineering students.

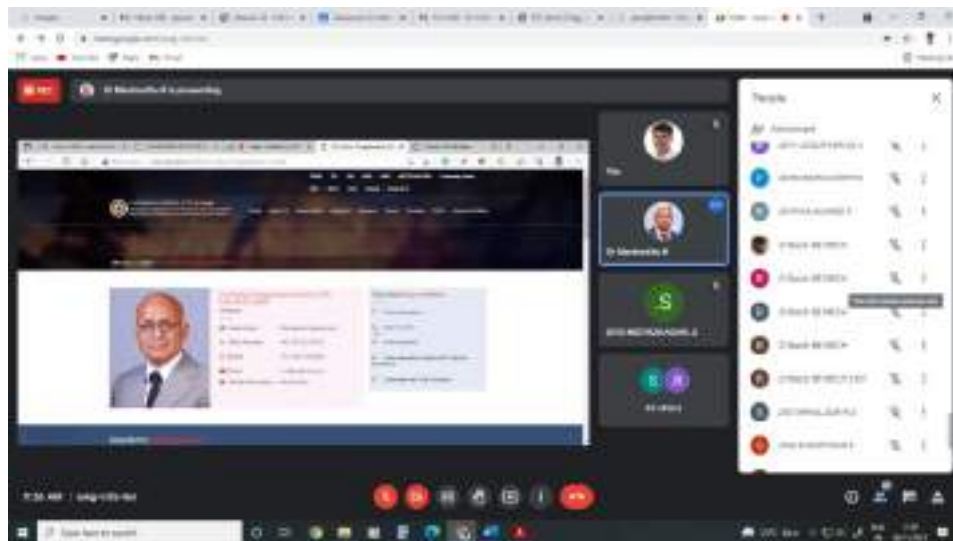


Figure 23.3 Dr. M. Muruganandam delivers an introductory note about Dr. Sridhar Thyageswaran



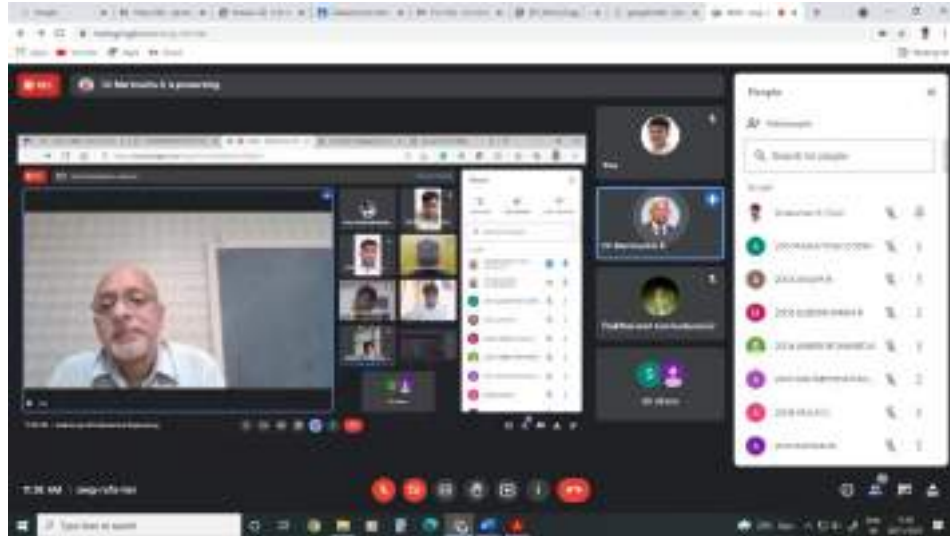


Figure 23.4 Dr. Sridhar Thyageswaran delivers the students induction address

Dr. Sridhar Thyageswaran, Professor, DoME, once again welcome the gathering and started his address by elaborating the necessary skill sets required for future engineers in the job market (see Figure 23.4). He has instructed the students to do the day-to-day work regularly and do not have any pending work. He is one of the senior professors in the department, he has also shared his personal and professional experience with the students. He also pointed out the importance of communication skills for engineering students. He highlighted our Prime Minister as an example of how to hold the attention of the audience with good communication skills. Dr. G. Sivakumar delivered the vote of thanks.



Day 15 08.11.2021, Monday

Session 24 14:00-16:00 Hrs.

Introduction of Mechanical Engineering Department Faculty

The Faculty in the Department of Mechanical Engineering welcomed the first-year undergraduate mechanical engineering students and shared their views and suggestions for a successful and fruitful stay at CIT for the next four years (see Figure 24.1-24.4).

Some of the key takeaways from the faculty were

1. A brief introduction on the streams available in Mechanical Engineering – Manufacturing, Thermal, and Design.
2. Students have to learn for another 4 years as there is a common tendency to relax after coming to college.
3. Make use of the opportunities available and develop their skillset.
4. Strength and facilities of the department were highlighted.
5. Apart from the prescribed curriculum, students should also take part in co-curricular and extra-curricular activities as it would add points to their resume.
6. Prepare for GATE simultaneously along with regular syllabi prescribed in the course.
7. Enjoy college life but not at the cost of academics.





Figure 24.1 Dr. N. RajamRamaswamy, Associate Professor motivates students to continue learning

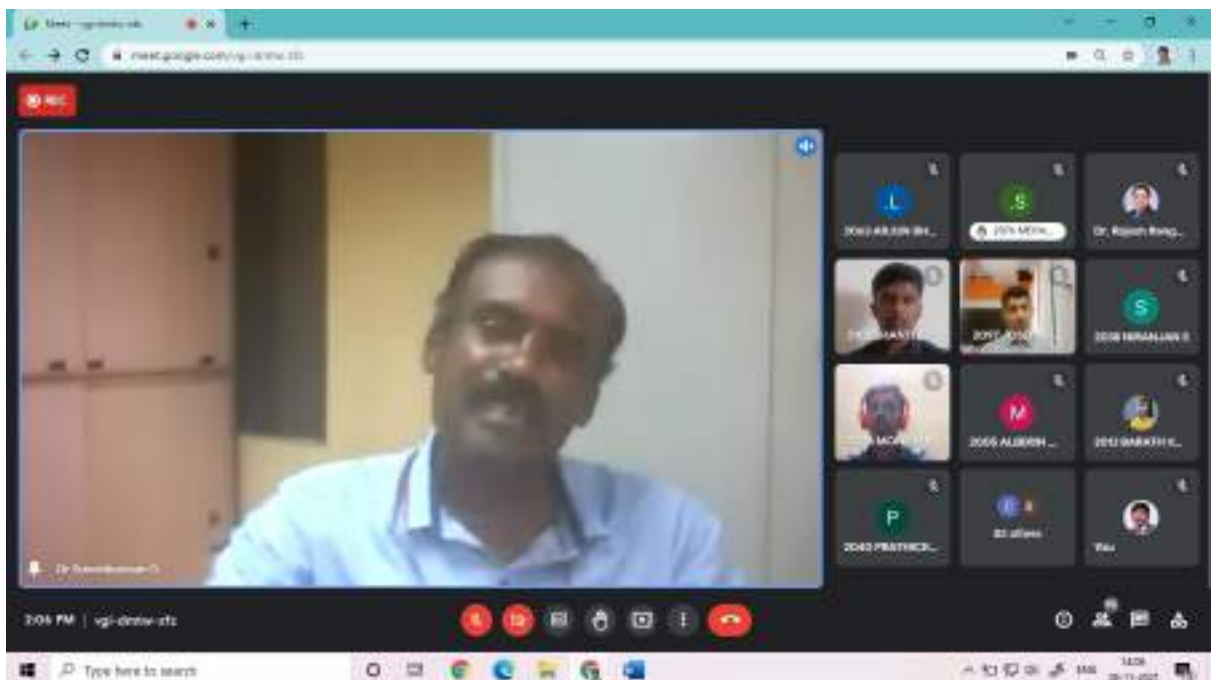


Figure 24.2 Dr. G. Suresh Kannan, Associate Professor highlighting the strengths of the Department





Figure 24.3 Dr. A. S. Krishnan, Associate Professor motivating students to strengthen their conceptual understanding



Figure 24.4 Dr. M. Muruganandam, Assistant Professor answering the queries of a student



B.E. Students Induction Programme 2021, Department of Mechanical Engineering
Coimbatore Institute of Technology, Coimbatore, 25th Oct.-13th Nov. 2021



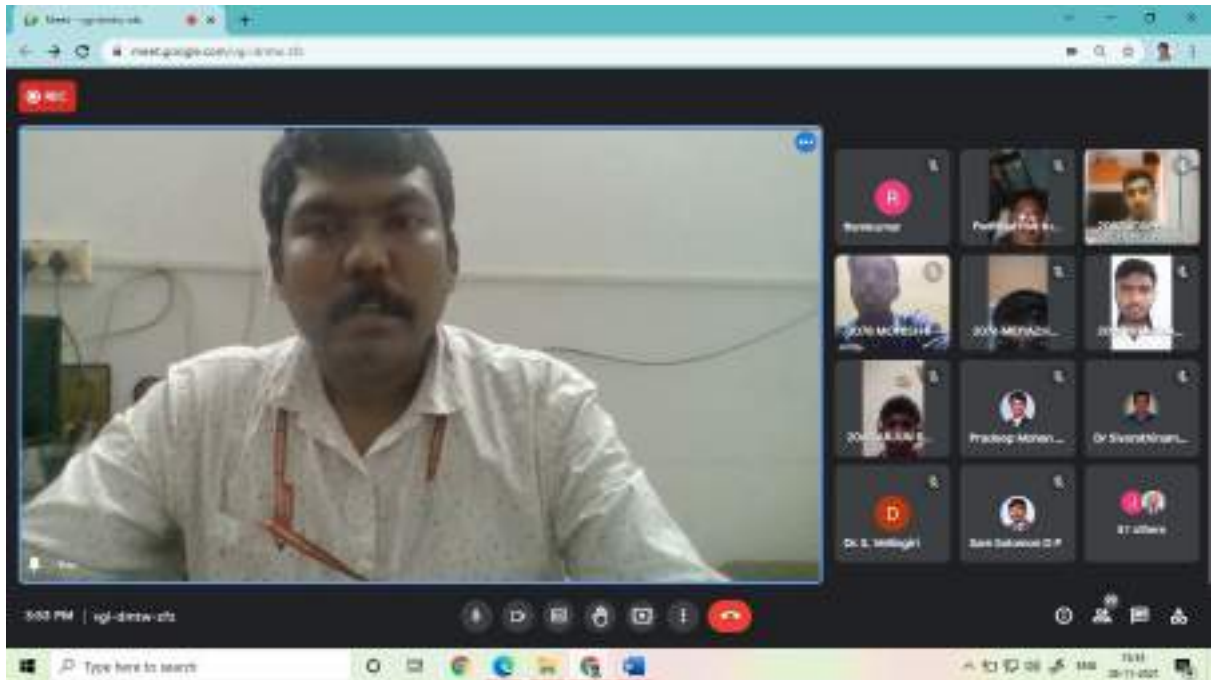


Figure 24.5 Mr. D. P. Sam Solomon, Assistant Professor delivering the Vote of Thanks



Day 16 09.11.2021, Tuesday

Session 25 10:00-12:00 Hrs.

Motivational Talk for Budding Engineers

Mr. S. R. Balasubramanian

Additional Director and Board Member

Manappuram Finance, Mumbai – 400 088

Dr. G. Balamurugan, Assistant Professor, Department Mechanical Engineering invited the faculty member and speaker Mr. S. R. Balamsubramanian, Additional Director and Board member of Manappuram Finance. He also introduced the speaker to the participants and the session is handed over to Mr. S. R. Balasubramanian. It is an eye-opening session about Engineering and Technology.

Mr. S. R. Balamsubramanian delivered an address on the topic “Motivation Talk for Budding Engineers” on the sixteenth day, 09.11.2021 between 10.00 and 12.00 PM. It is an insightful opening session about Engineering and Technology. He started with a definition of Engineering and its importance in various sectors. He also added a new acronym for mechanical engineering (see Figure 25.1) and ever-changing modern-day opportunities in this field. Students addressed with responsibilities of Engineers in the world. Students are with the role of engineers and their responsibilities in every stage of their life. It was an informative session that speaker highlighted the career of Mechanical Engineering students through which they can shine on any platform (see Figures 25.2-25.4).

He also explained the pandemic situation of COVID -19 viruses and its impact on human beings. He has delivered his personal experiences related to COVID- 19 and gave an insight into how to overcome this pandemic situation. Under this timeframe, he mentioned that digital technology has greatly influenced day-to-day life making every possibility of enhancing the personal, technological aspect of human beings. The speaker also motivated the student community to develop good characteristics as a human being respect one among themselves, teachers, parents, and almighty. The knowledge gained through these four years of education not only helps in one’s life but also is capable of addressing the needs of others.



He emphasized that all technology, inventions by an engineer play a vital role in every aspect of humans by following ethical rules.

Students from Mechanical Engineering Department raised questions regarding his balancing between life and work, for which the speaker gave replies with his experience and through the practical situations. The session was closed by Dr. G. Balamurugan with a Vote of Thanks and conveyed his thanks to the speaker, HOD, Faculty members, and students.

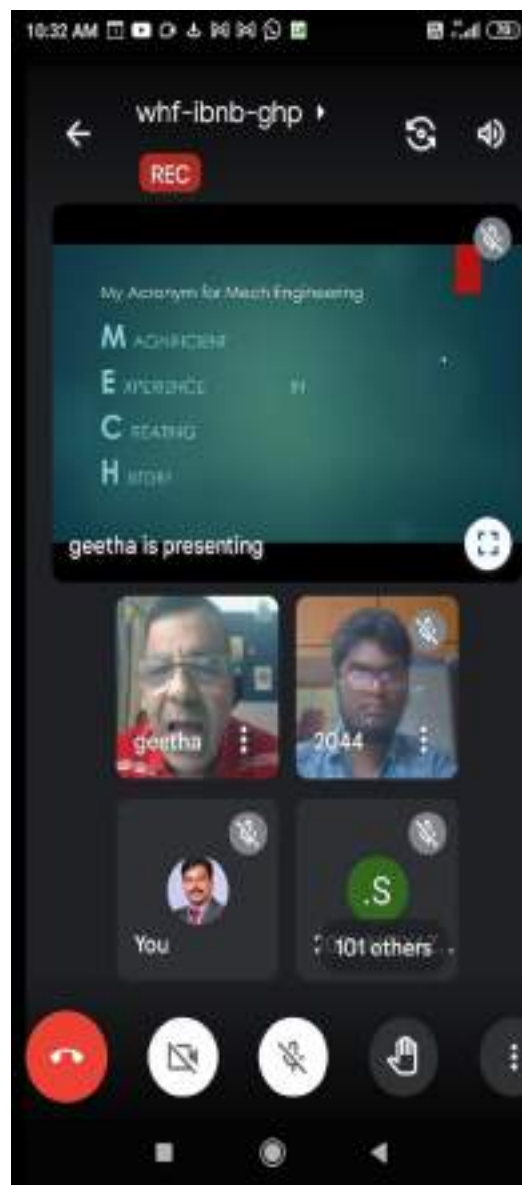


Figure 25.1 Mr. S. R. Balamsubramanian's acronym for mechanical engineering



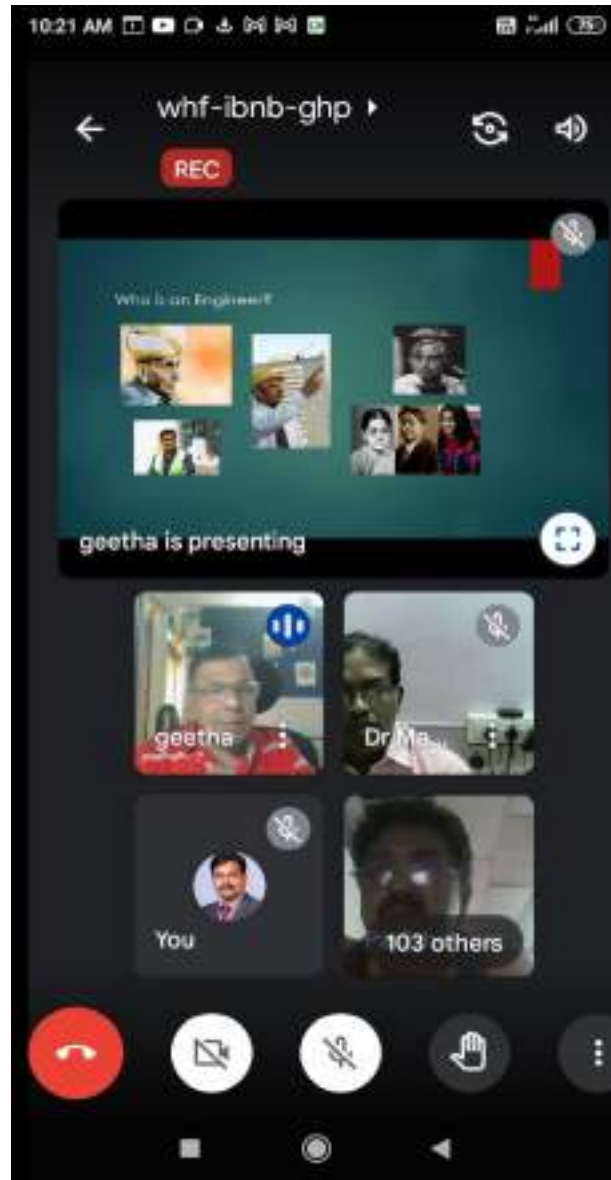


Figure 25.2 Mr. S. R. Balamsubramanian introduces the honorable engineers of India to students



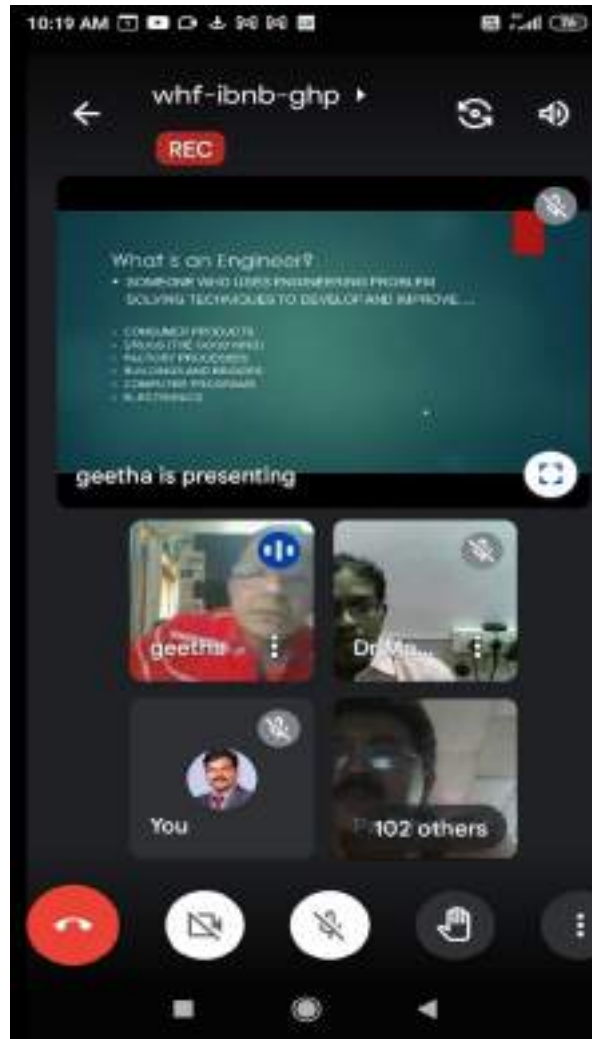


Figure 25.3 Mr. S. R. Balamsubramanian defines the role of an engineer



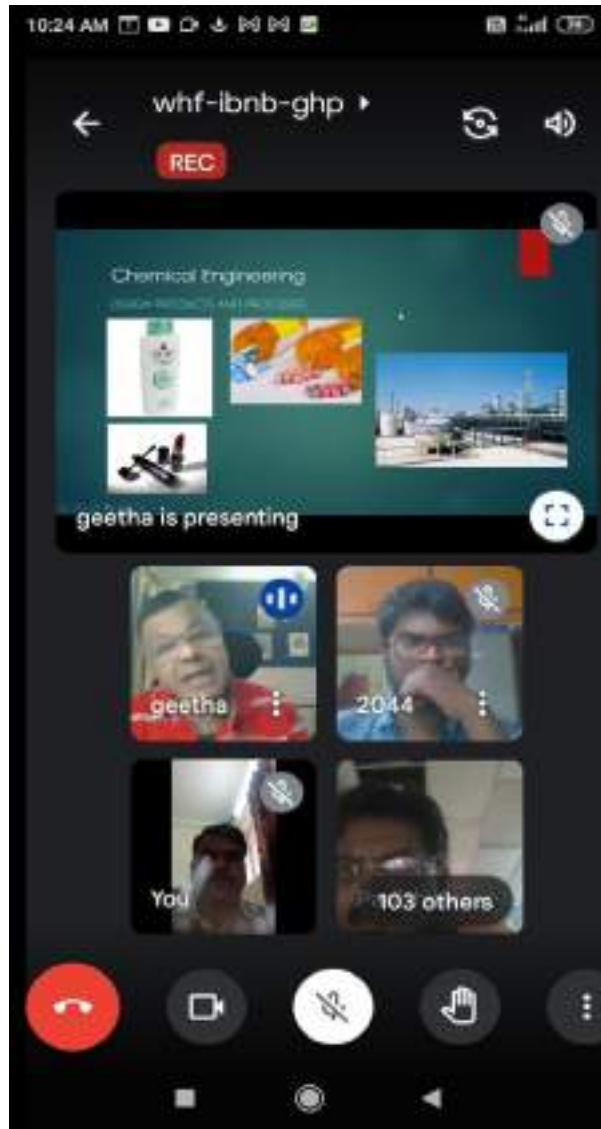


Figure 25.4 Mr. S. R. Balamsubramanian explains the applications of chemical engineering



Day 16 09.11.2021, Tuesday

Session 26 14:00-16:00 Hrs.

Basic Mechanical Engineering and Metallurgy

Mr. Periasamy Sathish

General Manager-Projects (Retd.)

Mukand Limited, Bajaj Group Companies, Mumbai – 400 605

Dr. M. Muruganandam delivered the welcome address (see Figure 26.1). Mr. Periasamy Sathish, General Manager-Projects (Retd.), Mukand Limited, Bajaj Group Companies Mumbai, delivered a lecture on the topic “Basic Mechanical Engineering and Metallurgy” (see Figure 26.2). He started to explain the procedure of extracting iron from its ore. He explained the physical properties of steel, their measurement, the destructive testing, and the non-destructive testing methods, and the international standards being followed in testing welding. He explained the various managerial functions such as purchase, costing, fabrication, testing, and marketing. He explained various important terminologies in a managerial function. The excerpts from his talk are given below. Iron is a mineral. Steel is an alloy. Iron is produced from iron ore in a blast furnace. Steel is produced from iron in a blast furnace by varying the content of carbon. Casting, forging, powder metallurgy, and rolling are the processes of making steel. The iron-carbon diagram and stress-strain diagram are important in the steel industry. Steel has the chemical composition of carbon, manganese, silicon, and chromium, etc. The physical properties of steel are varied by normalizing, annealing, and tempering, etc. The strength of steel is tested in a tensile testing machine which is a destructing testing method. There are also non-destructing testing methods such as ultrasonic testing, magnetic penetrant testing, and die penetrant testing. Welding is a process of joining two similar metals or two dissimilar metals by melting in the plastic state. There are tungsten inert gas welding, metal inert gas welding, resistance welding, and thermit welding. Electrodes are coded using American Welding Society (AWS) standards. The first two digits of the 6013 electrodes refer to the tensile strength of the metal. i.e., 60000 N mm⁻². The welding equipments are a transformer, welding generator, electric cables, and electrode holder, etc. A welder needs to be qualified. WPC refers to Welding Position Chart. Using the number of electrodes and the welding time, one can calculate the number of



welders required. Hardness is the resistance to indentation. Using the number of machining hours, the machining cost is calculated. When a purchase manager imports a product, he needs to forecast the fluctuations in money value. It is advisable to go for advance booking. Arbitration requirements are to be specified in the purchase order. Customs duty, value-added duty, etc. are to be paid to import the product. Guarantee and warranty clauses are mentioned in the purchase order. Permission from Road Transport Organization needs to be obtained for transferring the imported item from the airport or harbour to the plant. Fabrication cost, steel cost, welder cost, welding material cost, and welding equipment cost are required to prepare a quote. Engineering graphics is the language of mechanical engineers. Documents regarding the safety precautions need to be submitted to the pollution control board for getting their approval for setting up a plant. Dr. M. Muruganandam delivered the vote of thanks and said that this talk would benefit the students as they would progress in their professional careers.



Figure 26.1 Dr. M. Muruganandam delivered welcome address





Figure 26.2 Mr. Periasamy Sathish delivered a lecture on “Basic Mechanical Engineering and Metallurgy”



Day 17 10.11.2021, Wednesday

Session 27 10:00-12:00 Hrs.

Exploring the Potential Applications of Mechanical Engineering

Dr. Rajesh Ranganathan

Professor

Department of Mechanical Engineering

Coimbatore Institute of Technology, Coimbatore – 641 014

Dr. Rajesh Ranganathan handled session 27 on 10.11.2021 FN. He discussed with the students about the manufacturing techniques that are currently undergoing the changes that have been undergone to date (see Figure 27.1). He also discussed rapid prototyping. He explained the difference between rapid prototypes and rapid manufacturing. He also covered about 3 D printing techniques.

He also interacted with the students about the textile manufacturing happenings and the developments in the textile, automobile, and construction sectors.

The sectoral changes that are happening in our day-to-day life have been discussed. He also had an interaction session with the students. He answered the various questions from the students' side and finally, the students cleared their doubts from their side. Vote of thanks have been given by Mr. S. Praveenkumar assistant professor from Department of Mechanical Engineering.



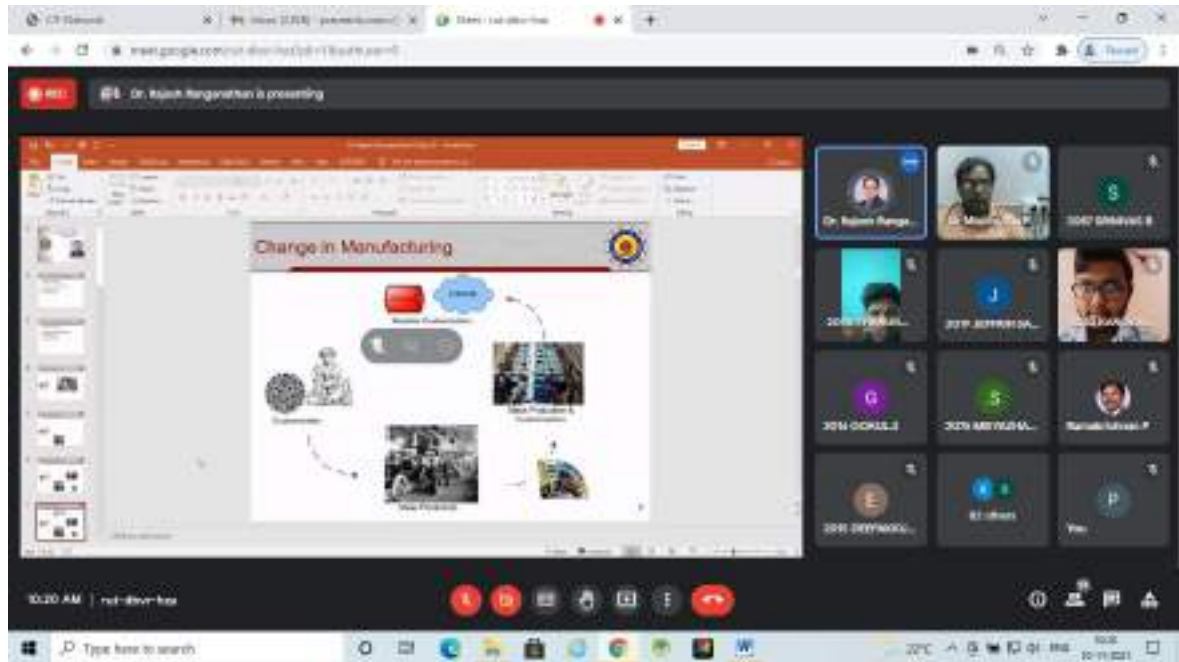


Figure 27.1 Dr. Rajesh Ranganathan delivered a lecture on “Exploring the Potential Applications of Mechanical Engineering”



Day 17 10.11.2021, Wednesday

Session 28 14:00-16:00 Hrs.

Soular Power

Er. Saminathan Mathialagan

Managing Director

BrainBox Innovations Pvt. Ltd., Singapore

The session is started with a welcome address to Er. Saminathan Mathialagan and all the gathered. After the welcome address, a video song has been played which is penned by our resource person Er. Saminathan Mathialagan, composed by Mr. Varshan Sathish and sung by Mr. Shankar Mahadevan. It is a tribute song to our former Indian President Dr. A. P. J. Abdul Kalam. He started the session with a thirukkural

“தம்மின்தம் மக்கள் அறிவுடைமை மாநிலத்து
மன்னுயிர்க் கெல்லாம் இனிது “

and gave explanation.

He shared a few poems which are written by him on the screen and asked the students to read them.

Then, he spoke about Soular Power – the power of soul, body, soul, mind, and importance of maintaining it in a good way, self-motivation, and how to overcome problems (see Figure 28.1). He shared his experiences with his topic, and also he shared his experience at CIT, importance of college life, alumni network.

Our HOD Dr. K. Marimuthu had an interaction with resource person Er. Saminathan Mathialagan, and alumni guest Mr. P. Marimuthu. Finally the Session ended up with a vote of thanks.



Day 18 11.11.2021, Thursday

Session 29 10:00-12:00 Hrs.

Technology to Solution

Dr. Ramesh Kumar Singh

Professor, Department of Mechanical Engineering
Indian Institute of Technology Bombay, Mumbai – 400 076

The session was initiated with a welcome address given by Dr. M. Muruganandam, Assistant Professor, Department of Mechanical Engineering, CIT, Coimbatore.

The session Chief Guest Dr. Ramesh Kumar Singh, Professor, Department of Mechanical Engineering, Indian Institute of Technology, Bombay, Mumbai-400 0076, was introduced by Dr. S. Selvam, Assistant Professor, Department of Mechanical Engineering, CIT, Coimbatore.

The session was started with a video about the ‘Technology to Solutions’ which was presented by our Chief Guest Dr. Ramesh Kumar Singh in the NPTEL course. At the end of the part - 1 video our chief guest Dr. Ramesh Kumar Singh answered all the questions which were raised by the mechanical engineering students. One of our students raised a beautiful question related to the scope of mechanical engineering and he gave a splendid explanation on that. The students were very passionate to make interaction with our chief guest. The session was ended with Dr. S. Selvam’s Vote of Thanks and he thanked the chief guest for his inspirational interaction with our 1st year mechanical engineering students.

Finally, his video about ‘Technology to Solution’ part – 2 was displayed to our students.



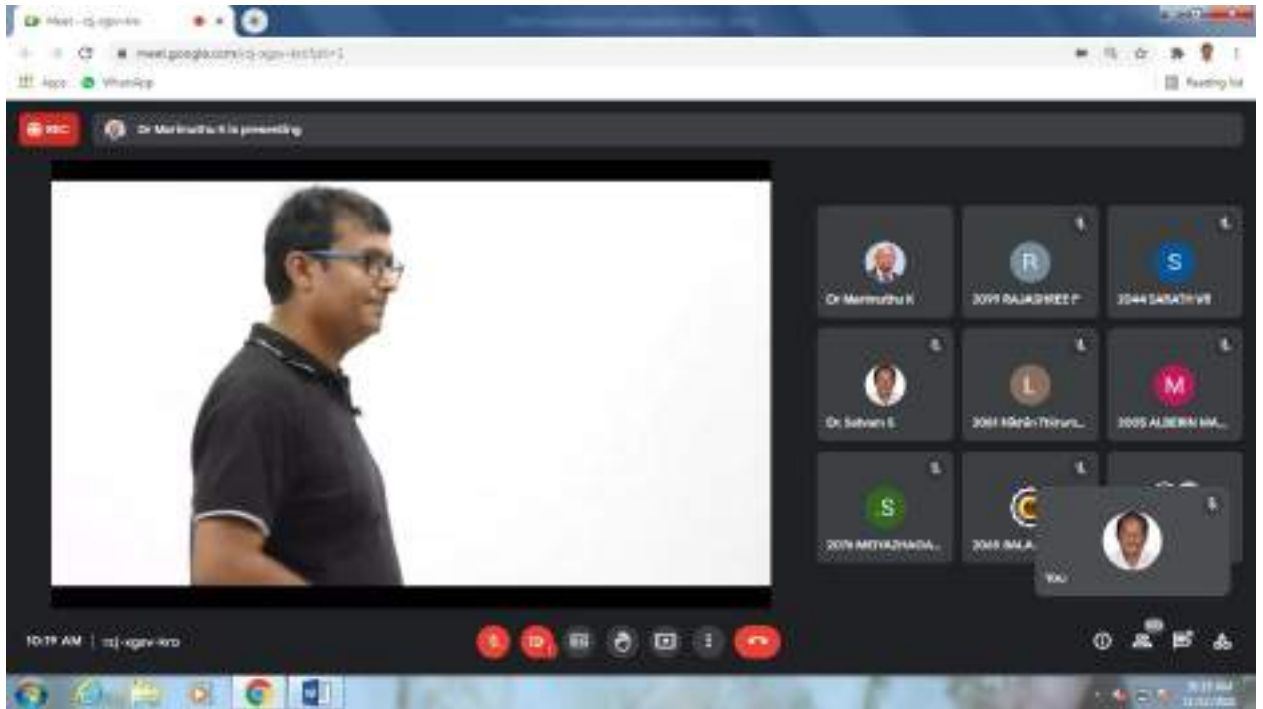


Figure 29.1 Dr. Ramesh Kumar Singh delivers a recorded video lecture on the topic “Technology to Solution”



Figure 29.2 Dr. Ramesh Kumar Singh presents a measuring microscope facility in IIT Bombay during his lecture on the topic “Technology to Solution”



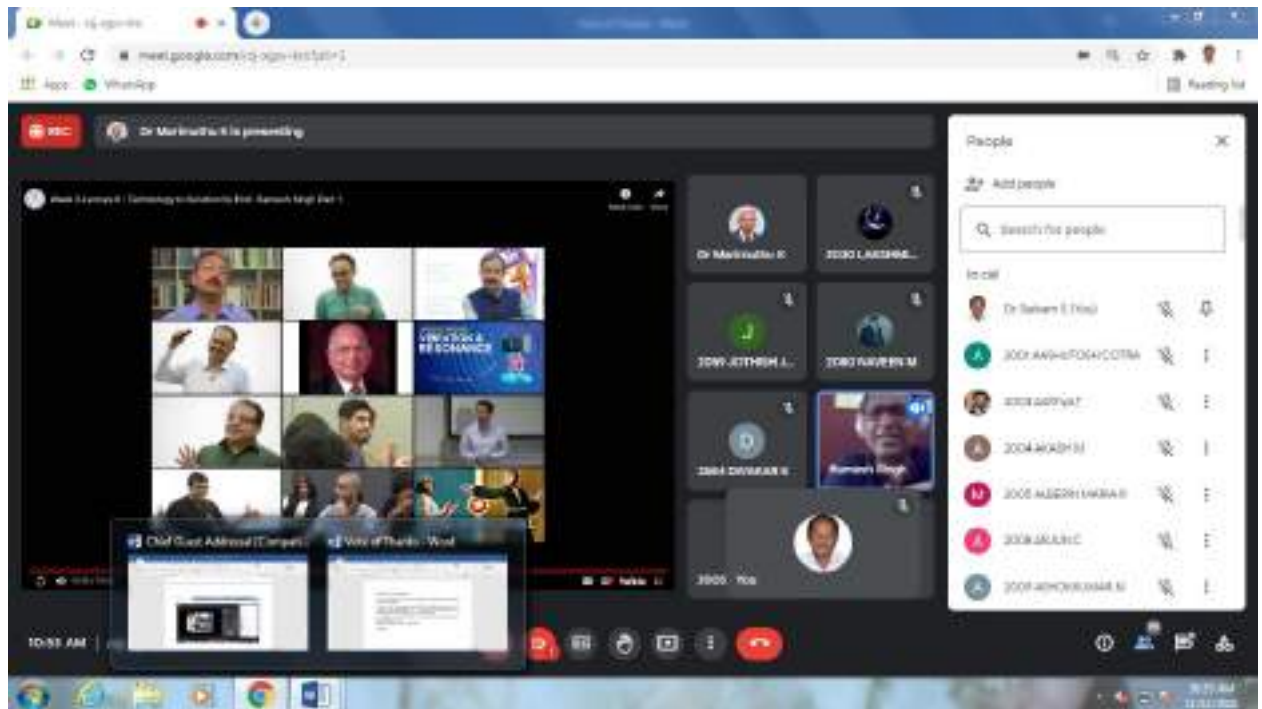


Figure 29.3 Dr. Ramesh Kumar Singh interacts with students during his lecture on the topic “Technology to Solution”



Day 18 11.11.2021, Thursday

Session 30 14:00-16:00 Hrs.

Healthy Habits for Today's Life

Dr. P. Saravanan B.S.M.S

Chief Medical Officer

Kasturba Gandhi Memorial Siddha Hospital & Research Centre, Coimbatore – 641 015

During the 30th session of the student induction programme, Dr. G. Sivakumar introduced the speaker Dr. P. Saravanan, Chief Medical Officer from Kasturba Gandhi Memorial Siddha Hospital & Research Centre, Coimbatore. The speaker has delivered a lecture on Healthy Habits for Today's life (see Figure 30.1).

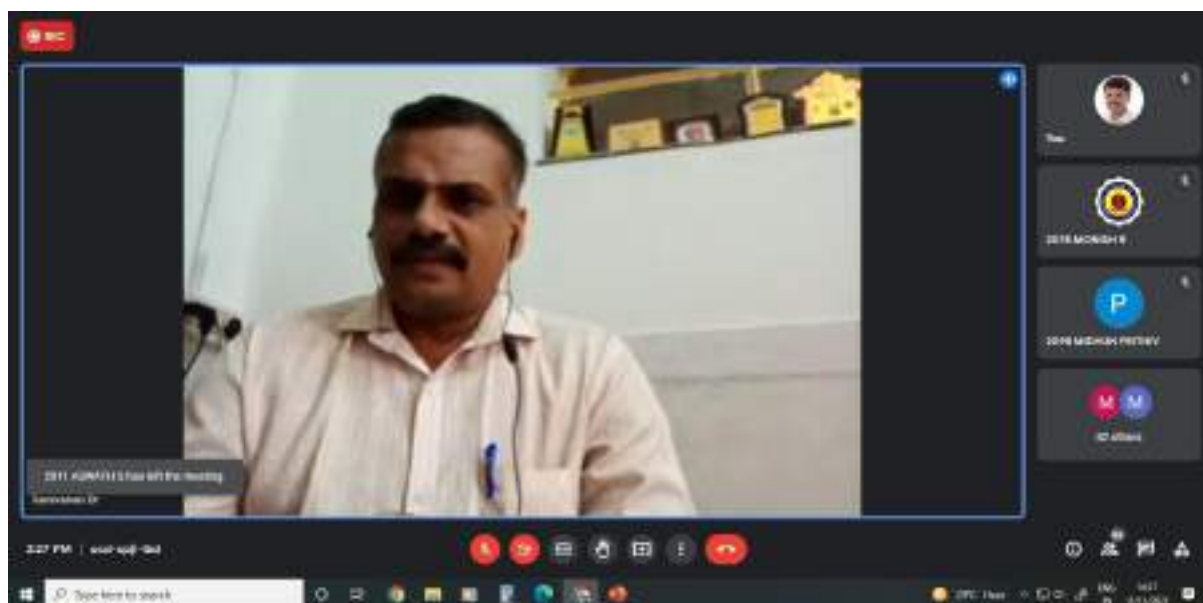


Figure 30.1 Dr. P. Saravanan delivers a lecture on the topic “Healthy Habits for Today's Life”

He discussed the balanced diet for a healthy life for the students and he also highlighted the Siddha medicine for chronic diseases. He encouraged the students to do physical exercise for a healthy lifestyle. He has listed various health issues caused by the usage of electronic gadgets for a longer time. The doctor has answered the question asked by our HOD Dr. K. Marimuthu and the first-year mechanical engineering students on various healthy food, exercise, and good habits for healthy living (see Figures 30.2 and 30.3). The session was concluded by Dr. G. Sivakumar with a vote of thanks.



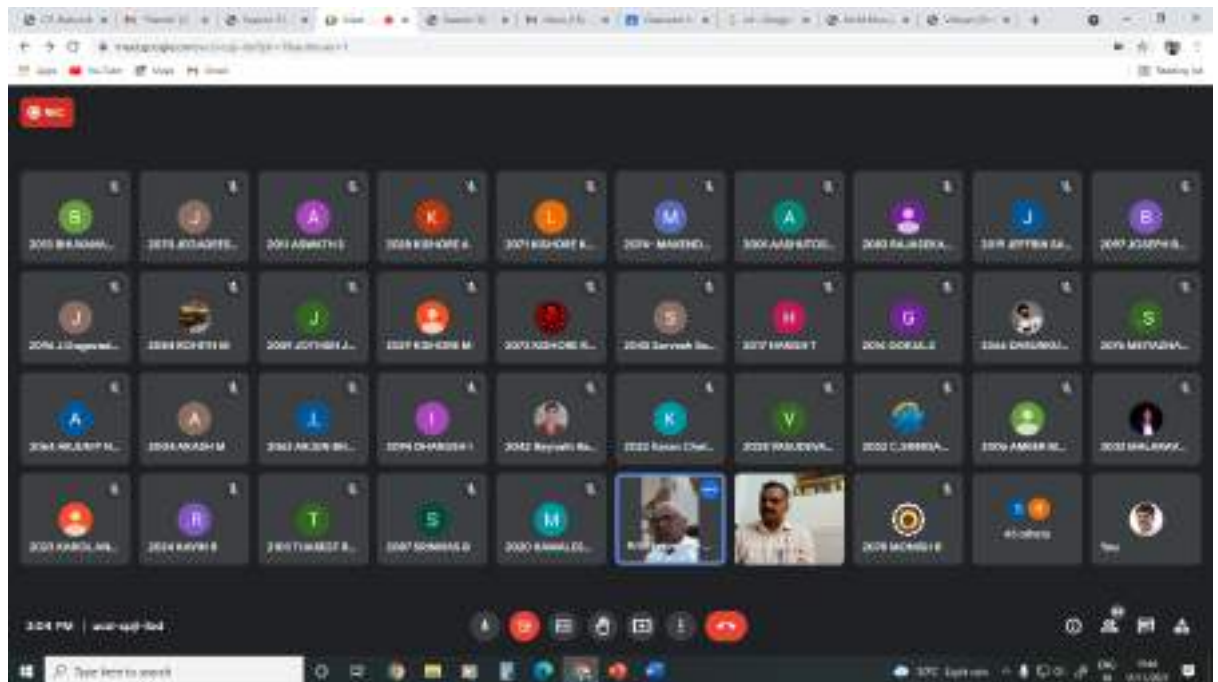


Figure 30.2 Dr. P. Saravanan answers the queries of Dr. K. Marimuthu

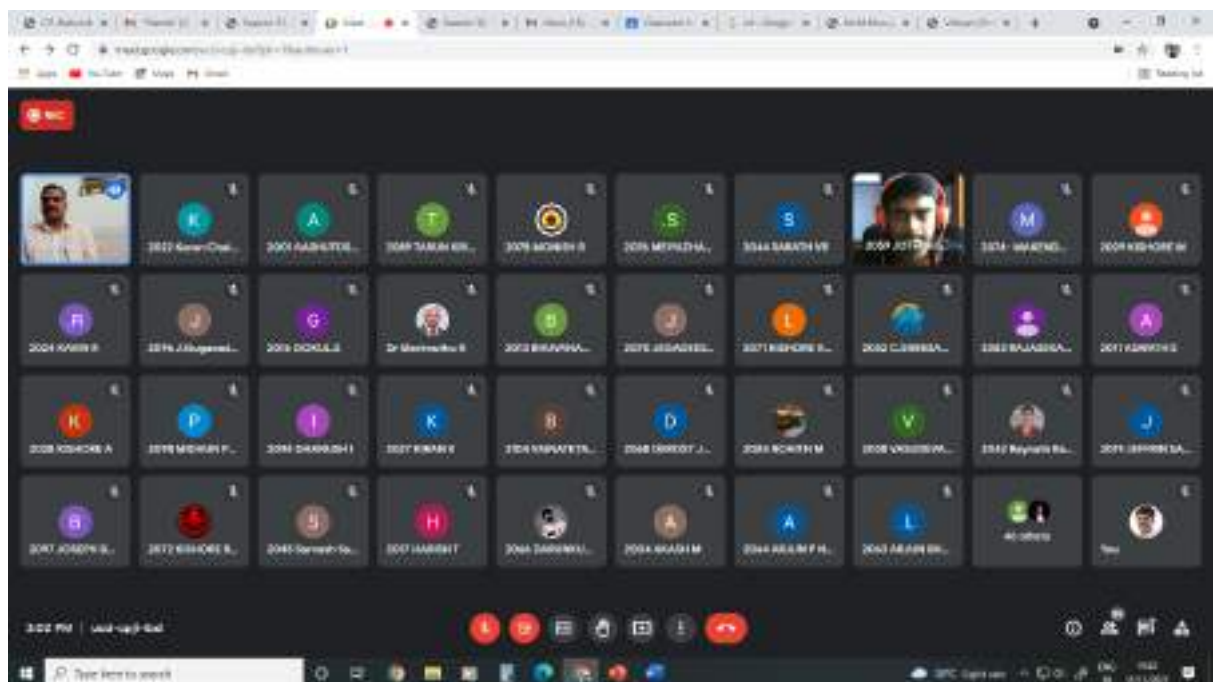


Figure 30.3 Dr. P. Saravanan answers the queries of the students



Day 19 12.11.2021, Friday

Session 31 10:00-11:00 Hrs.

Universal Human Values

Dr. M. Muruganandam

Assistant Professor

Department of Mechanical Engineering

Coimbatore Institute of Technology, Coimbatore – 641 014

Dr. M. Muruganandam, Assistant Professor from the Department of Mechanical Engineering, CIT and Department Co-Ordinator for Student Induction Programme 2021, delivered his address on “Universal Human Values” on 12.11.2021 between 10.00 and 11.00 AM (see Figure 31.1). He stressed that apart from skill development education, it is essential to impart human values to students through education as well.

The speaker also highlighted that emotional needs are also to be taken care of apart from fulfilling physical needs. He also highlighted that the concept of ‘living in harmony’ is overshadowed and falsely projected by ‘survival of the fittest’.

He pointed out that self-realization is primary after which harmonious human relationships can be taken care of and then comes the need for satisfying physical needs. He also added that holistic development cannot be limited to skill development but requires value education as well (see Figure 31.2). He also invited students to reflect on key takeaways from the session.

The administrator closed the session with the vote of Thanks.



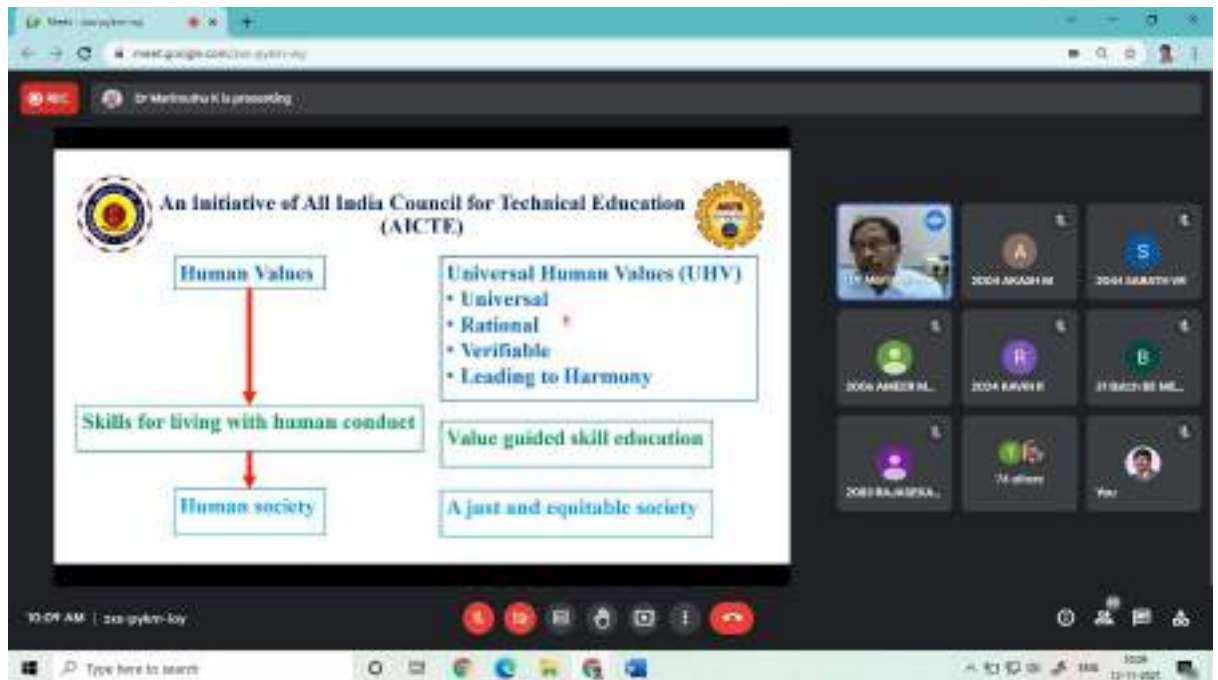


Figure 31.1 Dr. M. Muruganadam delivering his address on “Universal Human Values”

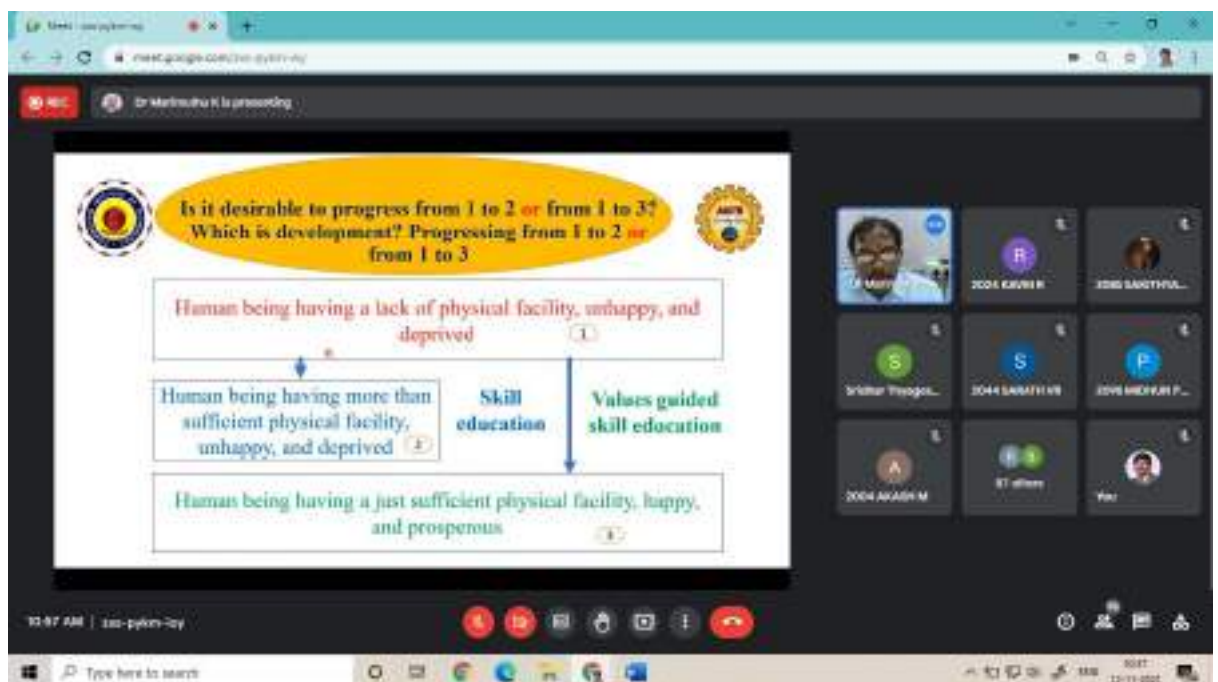


Figure 31.2 Dr. M. Muruganadam stressing the need for Value education



Day 19 12.11.2021, Friday

Session 31 11:00-12:00 Hrs.

Importance of Engineering to Society

Mr. M. Jeyaselvan

Sr Principal Specialist

NVH and Drive Systems & CAE-FEA, Technology

ELGI Equipments Limited, Coimbatore – 641 005

Mr. M. Jeyaselvan, Senior Principal Specialist, NVH and Drive systems & CAE-FEA Technology, ELGI Equipments Limited, Coimbatore, delivered his address on “Importance of Engineering to Society” on 12.11.2021 between 11.00 AM and 12.00 PM. He gave a brief introduction about ELGI equipments and the range of compressors being manufactured in the industry (see Figure 31.4).

The speaker stressed that the drive and thirst for problem-solving would be the basis for any successful engineer. He highlighted that though mathematical modelling and mathematical solutions are focused during the undergraduate programme, it is equally important to know the physics behind a problem and the physical significance of a mathematical solution (see Figure 31.5). He motivated the students to take efforts to learn these aspects as well so that they would be successful engineers in the future.

He also stressed the importance of life-long learning as engineers are expected to solve emerging problems in society. He likened it to sharpening an axe before cutting a tree. The students put forth their queries to the speaker for which he answered with enthusiasm. The administrator concluded the session with the Vote of Thanks.



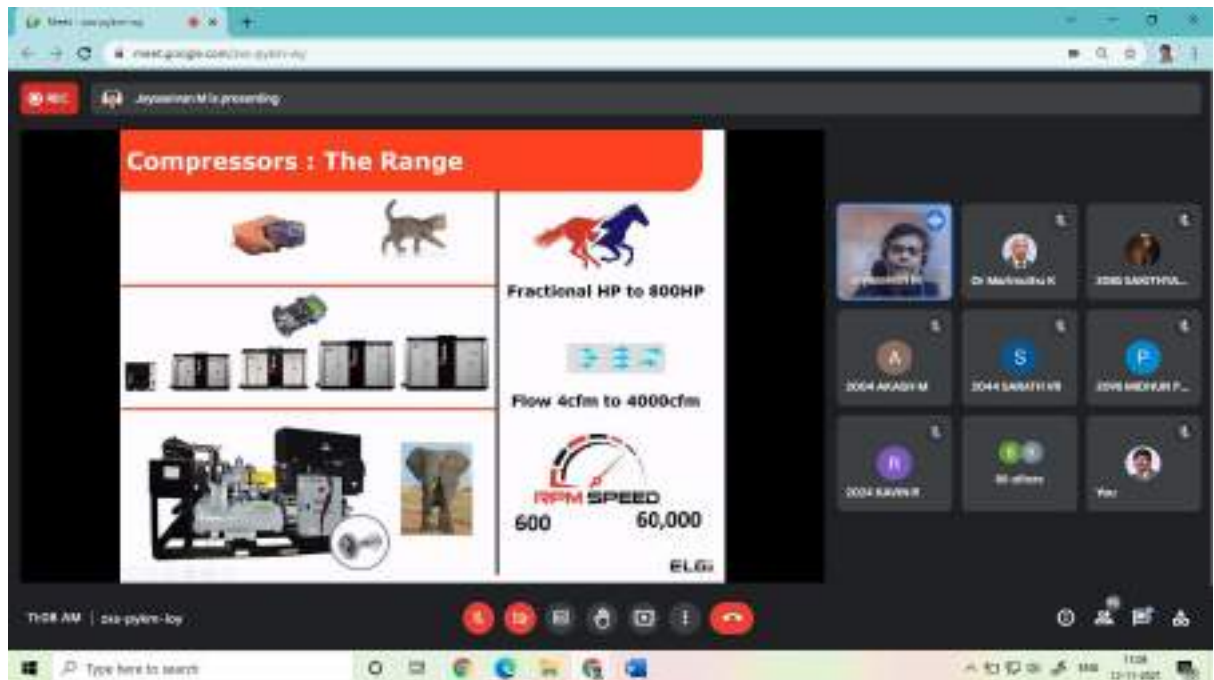


Figure 31.3 Mr. M. Jeyaselvan presenting the products of ELGI Equipments



Figure 31.4 Mr. M. Jeyaselvan stressing the importance of mathematical modelling



Day 19 12.11.2021, Friday

Session 32 14:00-16:00 Hrs.

Yoga for Youth Empowerment

Arul Nithi Dr. V. Ponnuswamy

Research Guide of Vision Academy

World Community Service Centre, Aliyar, Pollachi – 642 101

Dr. G. Balamurugan, Assistant Professor, Department Mechanical Engineering invited the faculty member and speaker Dr. V. Ponnuswamy, Former Principal, Sri Ramakrishna Mission Vidyalaya College of Arts and Science. He introduces the speaker to the participants and the session was handed over to Dr. V. Ponnuswamy. This session outlines the purpose of life through the philosophy of Arutthanthai Vethathri Maharishi.

Dr. V. Ponnuswamy delivered an address on the topic “Yoga for Youth Empowerment” on the nineteenth day, 12.11.2021 between 02.00 and 04.00 PM. The speaker enlightened on the topics of mental health, physical health through practicing yoga and meditation. He also highlighted the philosophies of Arutthanthai Vethathri Maharishi for increasing the efficiency of human values. In this session, the speaker illustrates with examples how to balance between mind, soul, and body. He motivated the students with various Tamil poetries by considering practical examples and providing solutions for better understanding in life.

Students were exposed to different yoga techniques and the speaker explained the steps involved in practicing yoga. He added the importance of physical and mental health fitness for students having better perception during their entire life. They were also motivated and instructed to do some physical exercises in every day-to-day life. He gave solutions for students in addressing their activity related to education, family, and society on how to balance themselves in life. The students were addressed with the importance of spirituality and moral values to be followed in all of their position during their entire life.

Students from Mechanical Engineering Department elevated questions regarding yoga for improving their memories and physical strength, for which the speaker replied with



his experience and through spirituality. The session was ended by Dr. G. Balamurugan with a Vote of Thanks and conveyed his thanks to the speaker, HOD, Faculty members, and students.

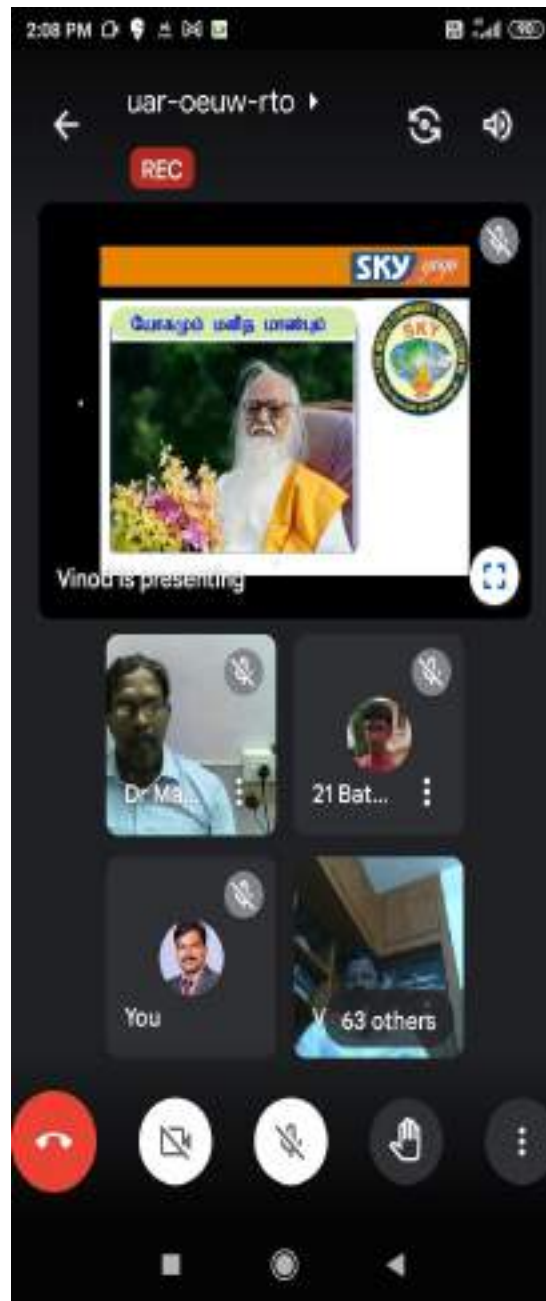


Figure 32.1 Dr. V. Ponnuswamy delivers a lecture on “Yoga for Youth Empowerment”



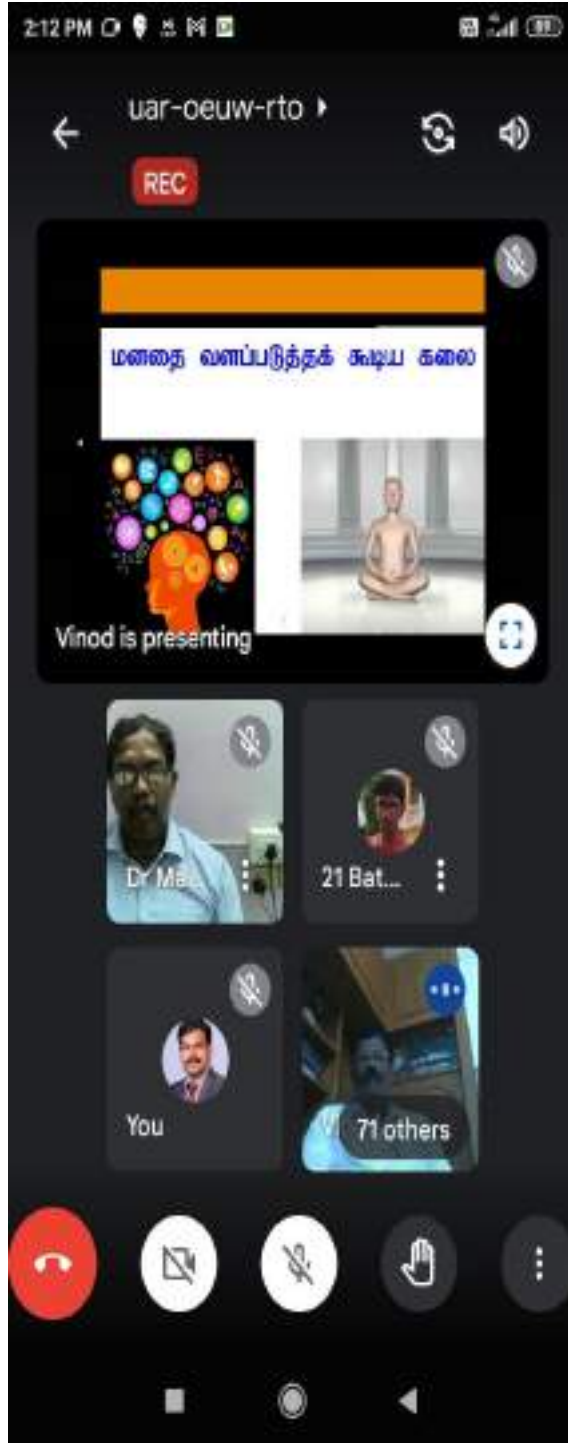


Figure 32.2 Dr. V. Ponnuswamy explains about manavalakkalai





Figure 32.3 Dr. V. Ponnuswamy explains the importance of healthy mind



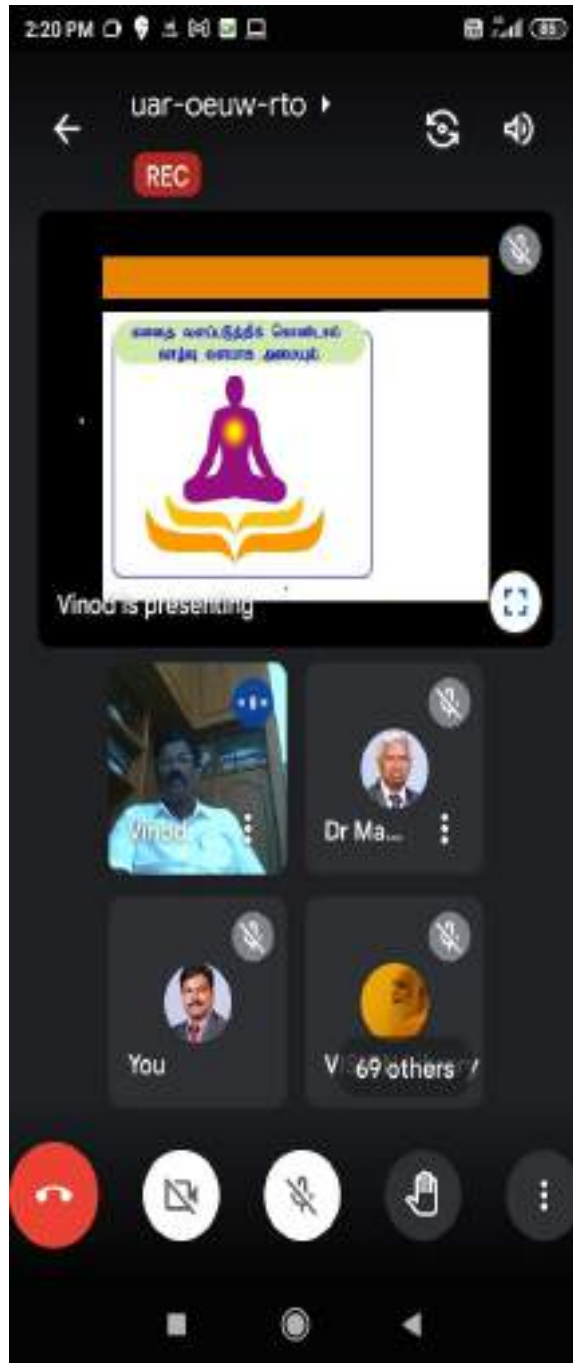


Figure 32.4 Dr. V. Ponnuswamy explains the importance of manavalakkalai



நாள் 20

13.11.2021 சனிக்கிழமை

மாமன்ற அமர்வு 33

காலை 10:00-12:00 மணி

வினைத் தந்திரம் கற்போம்**புலவர் வீ. மாரப்பன்****தமிழ் பண்டிதர் (ஓய்வு)****அரசு மேல்நிலைப் பள்ளி, கோயம்புத்தூர் - 641 005**

முனைவர் மு. முருகானந்தம் வரவேற்புரை ஆற்றினார் (படம் 33.1 பார்க்க). புலவர் வீ. மாரப்பன் அவர்கள் “வினைத் தந்திரம் கற்போம்” என்ற தலைப்பில் உரையாற்றினார் (படம் 33.2 பார்க்க). அவரது உரையிலிருந்து கீழ்க்காணும் கருத்துக்கள் பெறப்பட்டன. இந்தாண்டு மகாகவி பாரதியின் நினைவு நூற்றாண்டு ஆகும். “வினைத் தந்திரம் கற்போம்” என்ற சொற்கோவையானது அவரது படைப்புகளில் ஒரு தொடராகும். மகாகவி பாரதி 38 ஆண்டுகளே வாழ்ந்தாலும், அம்மகாக் கவிஞன் செய்த சாதனைகள் போற்றத்தக்கவை. அவர் வறுமையில் வாடியபோதும் மக்களின் வறுமையைப் போக்கப் பாடுபட்டார். “வயிற்றுக்குச் சோறிட வேண்டும் இங்கு வாழும் மனிதருக்கெல்லாம், பயிற்சி பல கல்வி இப்பாரினில் வளர்ந்திட வேண்டும், உழவுக்கும் தொழிலுக்கும் வந்தனை செய்வோம்” எனப் பாடினார். மாணவர்கள் படிக்கும் போதே பேச்சுக் கலையையும் கற்க வேண்டும். படித்தவர்கள் தொழிநுட்பத்தை புகுத்தி வேளாண்துறையை மேம்படுத்த வேண்டும். காலத்தை வீணாக்கினால் அதனை திரும்பப் பெற இயலாது. மாணவர்கள் நூலகத்திற்கு சென்று பல புத்தகங்களை படிக்க வேண்டும். ஒரு மனிதனுக்கு அறிவே ஆற்றலாகும். அறிவுக் களஞ்சியத்தின் திறவுகோல் மன ஒருமைப்பாடாகும். மனத்தூய்மை வேண்டும். சென்றிருவீர் எட்டுத்திக்கும், கலைச் செல்வங்கள் யாவும் கொண்டிங்கு வந்து சேர்ப்பீர். எண்ணிய எண்ணியாங்கு எய்துப எண்ணியார் திண்ணியராகப் பெறின். வினைத் தந்திரம் கற்போம் என்பது வினை நுட்பத்தைக் கற்போம் என்பதைக் குறிக்கிறது. கரிகால் சோழன் கட்டியக் கல்லணை நம் முன்னோர்களின் தொழில்நுட்பத்திற்கோர் சிறந்த எடுத்துக்காட்டாகும். கண்டுபிடிப்புகளுக்குக் காரணம் கற்பனைத் திறனே. பறவையைப் பார்த்தான், விமானம் படைத்தான். எதிரொலிக் கேட்டான், வானொலிப் படைத்தான். அறியாமை, அலட்சியம், மற்றும் உணர்ச்சிவயப்படுதல் ஆகியவற்றை நீக்கினால் வெற்றி நமக்கு நிச்சயம் என கிரேக்க நாட்டு அறிஞர் சாக்ரடீஸ் கூறுகிறார். நுணங்கிய கேள்வியர் அல்லார் வணங்கிய வாயினர் ஆதல் அரிது என்ற திருவள்ளுவரின் வாக்கிற்கிணங்க ஆழமாக படிப்பவர்களே பணிவானச் சொற்களைப் பேசுவர். தூங்காமை கல்வி துணிவுடைமை இம்முன்றும் நீங்கா நிலன்ஆள் பவர்க்கு என்ற திருவள்ளுவரின் வாக்கை எதிர்காலத்தில் அதிகாரியாக செயல்புரியச் செல்லும் மாணவர்கள் கடைபிடிக்க வேண்டும். தூங்குக தூங்கிச் செயற்பால தூங்கற்க தூங்காது செய்யும் வினை என்ற திருவள்ளுவரின் வாக்கிற்கிணங்க செய்ய வேண்டிய





புறவுரு 33.1 முனைவர் மு. முருகானந்தம் வரவேற்புரை ஆற்றினார்



புறவுரு 33.2 புலவர் வீ. மாரப்பன் அவர்கள் “வினைத் தந்திரம் கற்போம்” என்ற தலைப்பில் உரையாற்றினார்

வேலைகளை குறித்த நேரத்தில் செய்து முடிக்க வேண்டும். இயந்திரப் பொறியியல் மாணவர்கள் கால மேலாண்மையைத் தெரிந்திருக்க வேண்டும். ஆங்கில மொழித் திறன் வேண்டும். முதலிலார்க்கு ஊதியம் இல்லை மதலையாம் சார்பிலார்க்கு இல்லை நிலை என்ற திருவள்ளுவரின் வாக்கிற்கிணங்க படித்த, வயதில் முதிர்ந்தவர்களின் சொற்களை மாணவர்கள் கடைபிடிக்க வேண்டும். எந்நன்றி கொன்றார்க்கும் உய்வுண்டாம் உய்வில்லை



செய்நன்றி கொன்ற மகர்க்கு என்ற திருக்குறளின் வரிகளுக்கேற்ப மாணவர்கள் ஒருவர் செய்த உதவியை மற்றவரால் அவருக்கு நன்றி பாரட்டவேண்டும். மாணவர்கள் எந்த ஒரு செயலிலும் திட்டமிடுதல், தயாரித்தல், மற்றும் செய்த செயலை மதிப்பிடுதல் என்ற முப்பண்புகளையும் வளர்க்க வேண்டும். மாணவர்களுக்கு உடற்பயிற்சி மற்றும் மனப்பயிற்சியாகிய தியானம் ஆகியவை அவசியம். மாணவர்கள் முயற்சியும் பயிற்சியும் செய்தால் உயர்ச்சி தானாக வரும். கற்றவருக்கு சென்ற இடமெல்லாம் சிறப்பு. மாணவர்கள் நூலகத்தைப் பயன்படுத்த வேண்டும். கருத்தரங்கங்கள் மாணாக்கரைச் செம்மைப்படுத்த வல்லன. முனைவர் மு. முருகானந்தம் நன்றியுரை ஆற்றினார்.



**B.E. Students Induction Programme 2021, Department of Mechanical Engineering
Coimbatore Institute of Technology, Coimbatore, 25th Oct.-13th Nov. 2021**



Day 20 13.11.2021, Saturday

Session 34 14:00-16:00 Hrs.

Demonstration of Simplified Physical Exercises developed by Thathuvagnani Vethathiri Maharishi

A/N. Prof. N. Malliga

North Coimbatore Manavalakalai Mandram Trust, Coimbatore - 641 043

A/N. Dr. M. Muruganandam

Assistant Professor

Department of Mechanical Engineering

Coimbatore Institute of Technology, Coimbatore – 641 014

Mr. S. Praveenkumar delivered welcome address (see Figure 34.1). Prof. N. Malliga, North Coimbatore Manavalakalai Mandram Trust and Dr. M. Muruganandam, Assistant Professor, Department of Mechanical Engineering, CIT, demonstrated ‘Simplified Physical Exercises developed by Thathuvagnani Vethathiri Maharishi’ (see Figures 34.2 – 34.6). The following physical exercises were demonstrated: hand exercises, leg exercises, neuro-muscular breathing exercise, eye exercises, kapalabathi, makarasana, massage, acu-pressure, and relaxation.

It was pointed out that hand exercises cure the arthritis, pains in the limb joints and shoulders. Leg exercises improve the blood circulation in all parts of the abdomen. Foot reflexology activates heart, lungs, intestines, and brain. It was emphasized that the regular practice of neuro-muscular breathing exercises improves the ability of the students to grasp, retain, and recall the engineering concepts. Headache, insomnia, and asthma can be cured. Eye exercises help to correct defective eyesight by toning up the muscles around the eyes, prevent eyestrain and itching. By continuous practice of eye exercises, one can reduce the use of spectacles. Kapalabathi cures sinusitis, cleanses the nose and the sinus of dust and improves the circulation of blood to the brain. Makarasana strengthens the abdominal muscles, regulates the activities of the endocrine glands, helps to cure diabetes, arthritis, sciatica, blood pressure, hip pain, spinal pain, and neck pain. Makarasan strengthens the backbones and the discs. It reduces the obesity. For women, it regulates the menstrual system and helps to cure uterus related diseases. Acu-pressure and relaxation exercises prevent heart ailments, reduce blood pressure, regulate the nervous system, reduce the stress, bring



calmness to the mine and provide sound sleep during night. Dr. M. Muruganandam delivered a vote of thanks to Prof. N. Malliga.



Figure 34.1 Mr. S. Praveenkumar delivered welcome address



Figure 34.2 Prof. N. Malliga explained about simplified physical exercises





Figure 34.3 Dr. M. Murugnandam demonstrated simplified hand exercises



Figure 34.4 Dr. M. Murugnandam demonstrated simplified eye exercises





Figure 34.5 Dr. M. Murugnandam demonstrated makarasana



Figure 34.6 Dr. M. Murugnandam demonstrated acu-pressure



Day 20 13.11.2021, Saturday

Session 35 16:00-17:00 Hrs.

Valedictory Function

Dr. S. Shanmugam, Dean, Students Affairs delivered the Welcome Address (see Figure 35.1). Dr. V. Selladurai, Advisor, Coimbatore Institute of Technology delivered the Special Address (see Figure 35.2). Dr. V. Selladurai announced the winners of the Poster Presentation Competition (see Figures 35.3-35.5).

Dr. A. Rajeswari, Principal I/C, Coimbatore Institute of Technology delivered the Valedictory Address (see Figure 35.6). She emphasized the importance of mathematics course and english language course during the first two years of the engineering programme. She appreciated the efforts taken by the Department Coordinators for the successful conduct of the Students Induction Programme 2021. She announced the winners of the Video Presentation Competition (See Figures 35.7-35.10).

The Poster Presentation Competition and the Video Presentation Competition were organized and conducted by Dr. E. Arul, Assistant Professor, Department of Information Technology, and Mr. M. Karthikeyan, Assistant Professor, Department of Mechanical Engineering Department, Coimbatore Institute of Technology. These competitions were conducted as an initiative of the Institution's Innovation Council of Coimbatore Institute of Technology. Dr. K. Marimuthu, Professor and Head of the Mechanical Engineering Department, Dr. N. K. Karthikeyan, Professor and Head of the Information Technology Department, Dr. N. Muthukumarasamy, Professor and Head of the Physics Department, and Dr. K. Sakthi Mala, Professor and Dean of the Computing Department evaluated the Poster Presentations and the Video Presentations.



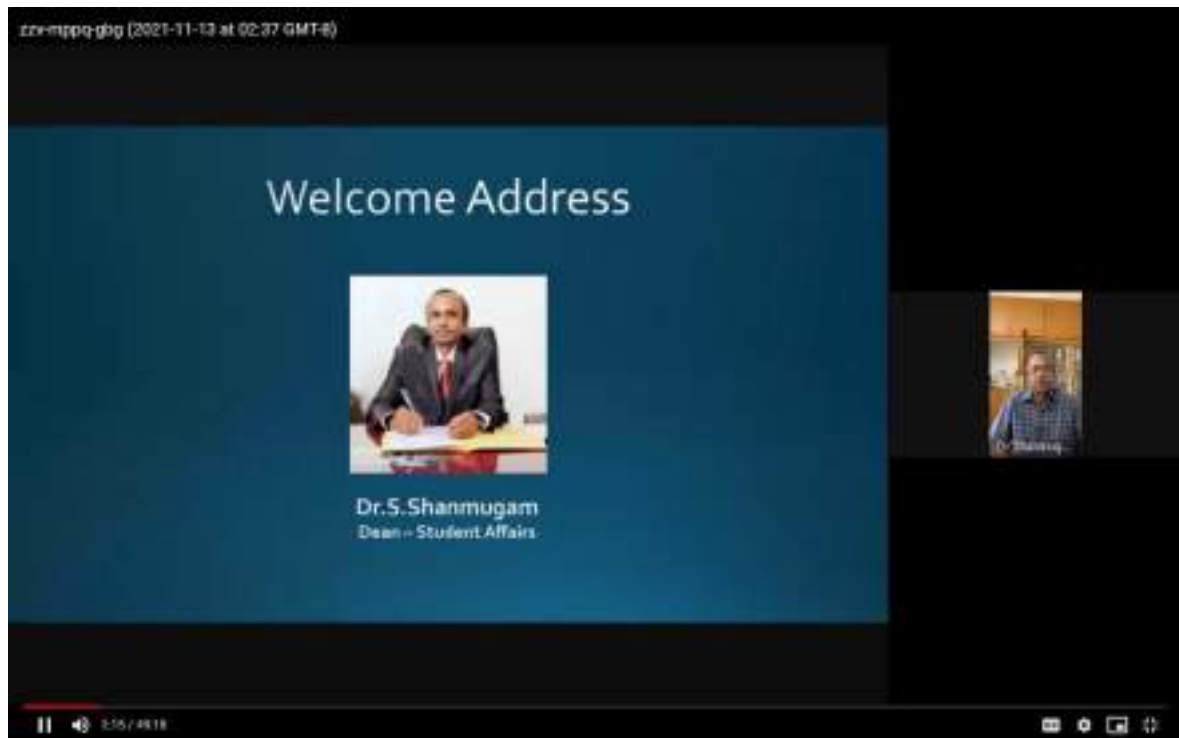


Figure 35.1 Dr. S. Shanmugam delivered the Welcome Address



Figure 35.2 Dr. V. Selladurai delivered the Special Address



B.E. Students Induction Programme 2021, Department of Mechanical Engineering
Coimbatore Institute of Technology, Coimbatore, 25th Oct.-13th Nov. 2021





**Figure 35.3 Poster Presentation Competition – First Place
Selvan. E. Vishwa**

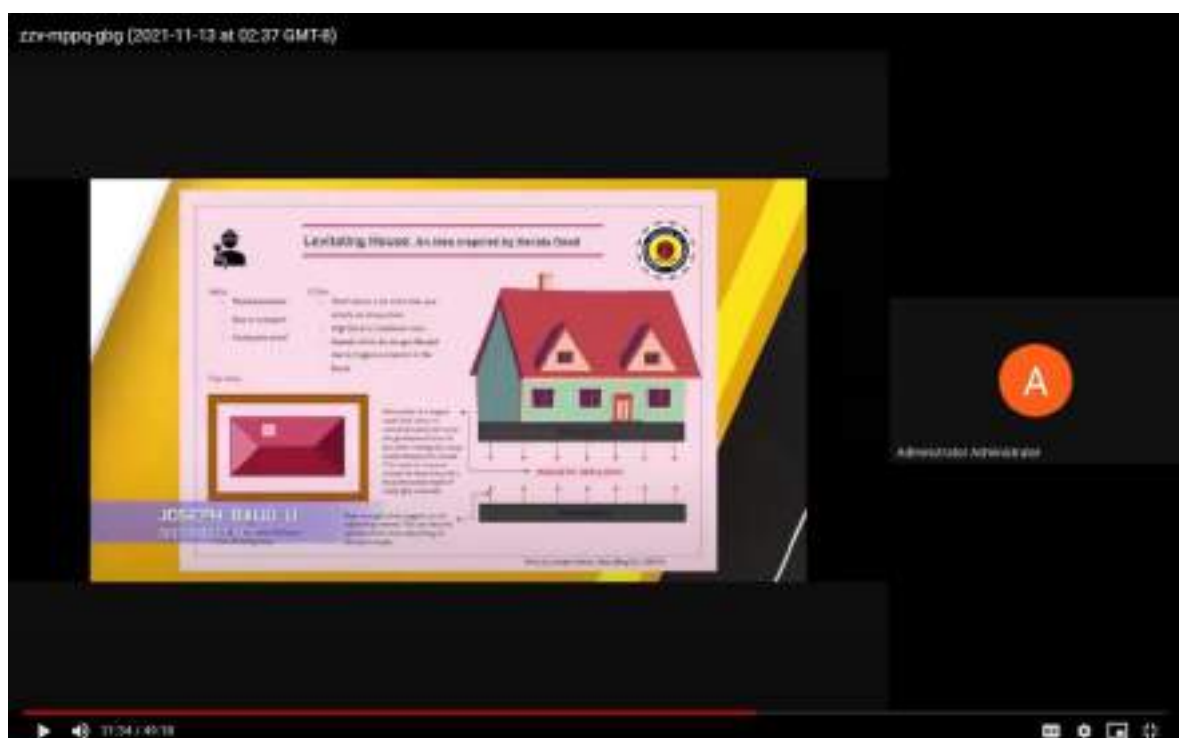


**Figure 35.4 Poster Presentation Competition – Second Place
Selvan. U. Joseph Baiju**



B.E. Students Induction Programme 2021, Department of Mechanical Engineering
Coimbatore Institute of Technology, Coimbatore, 25th Oct.-13th Nov. 2021



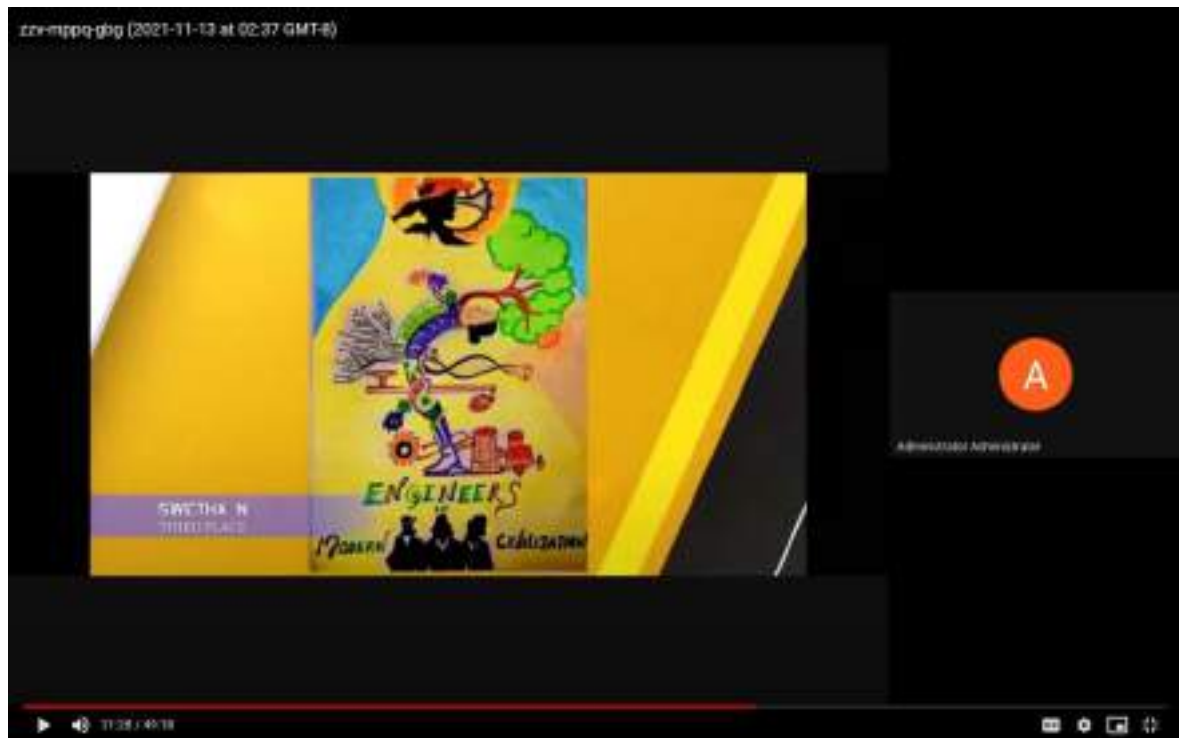


**Figure 35.5 Poster Presentation Competition – Third Place
Selvi. N. Swetha**



Figure 35.6 Dr. A. Rajeswari delivered the Valedictory Address



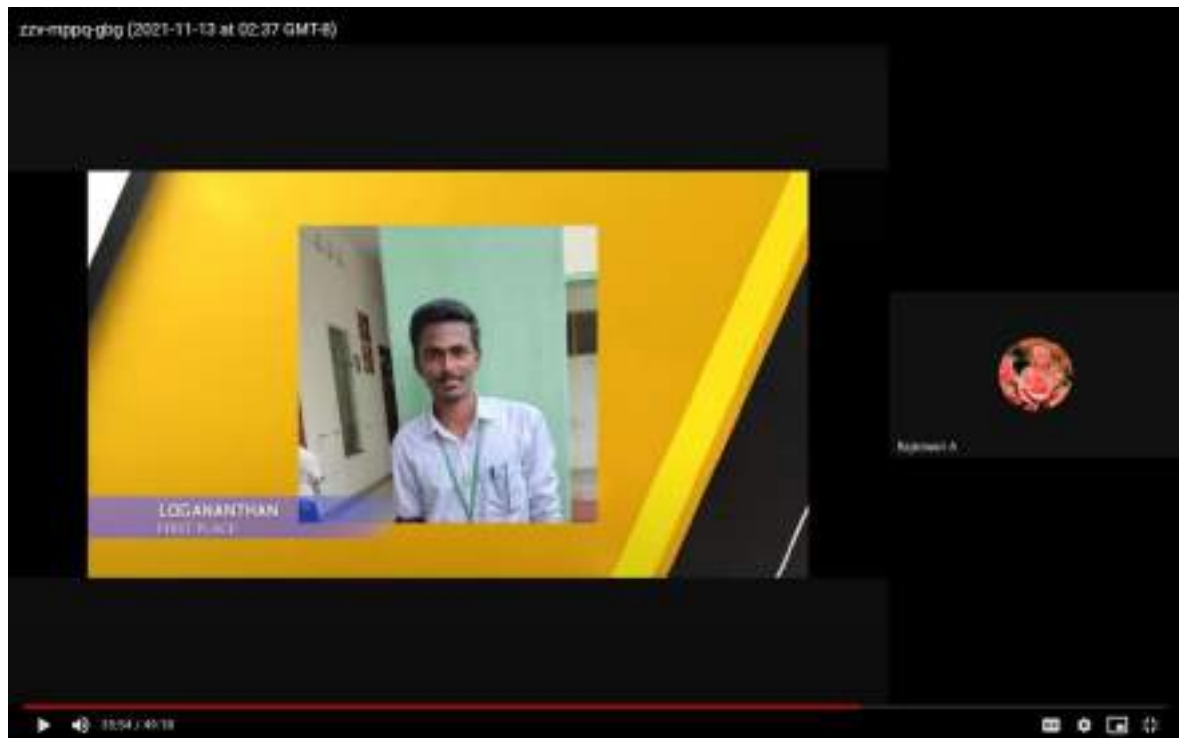


**Figure 35.7 Video Presentation Competition – First Place
Selvan. Logananthan**

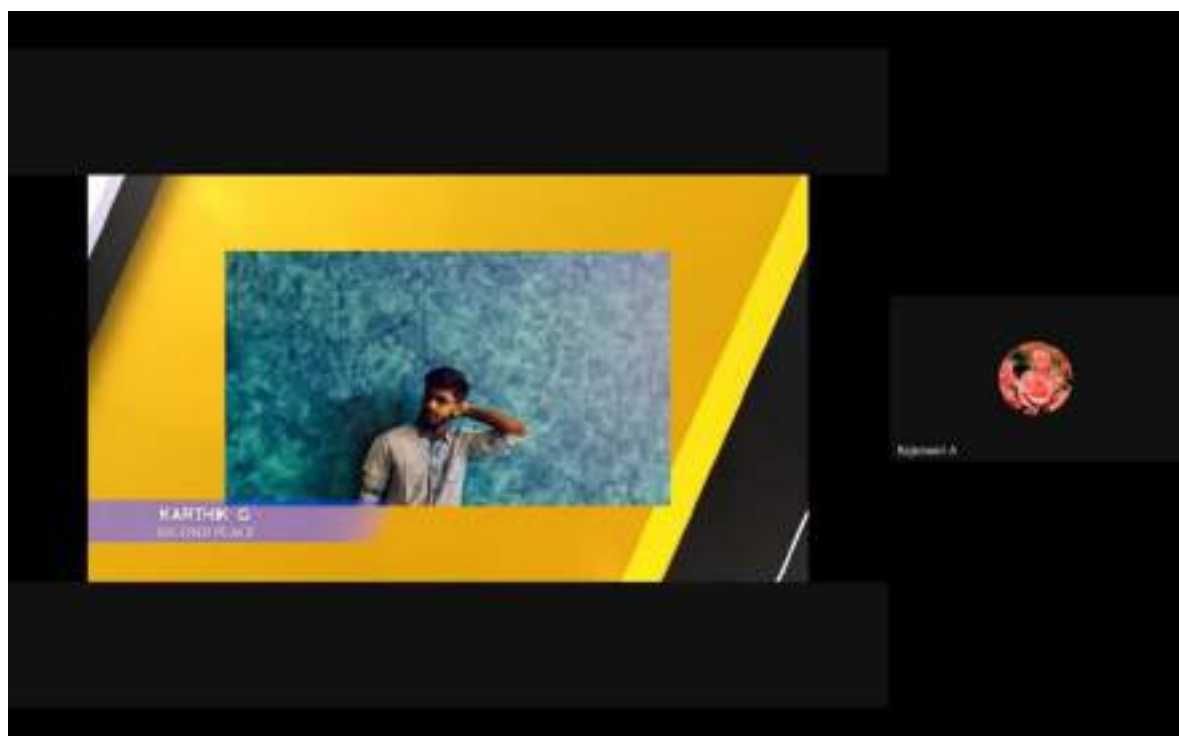


**Figure 35.8 Video Presentation Competition – Second Place
Selvan. G. Karthik**



B.E. Students Induction Programme 2021, Department of Mechanical Engineering
Coimbatore Institute of Technology, Coimbatore, 25th Oct.-13th Nov. 2021



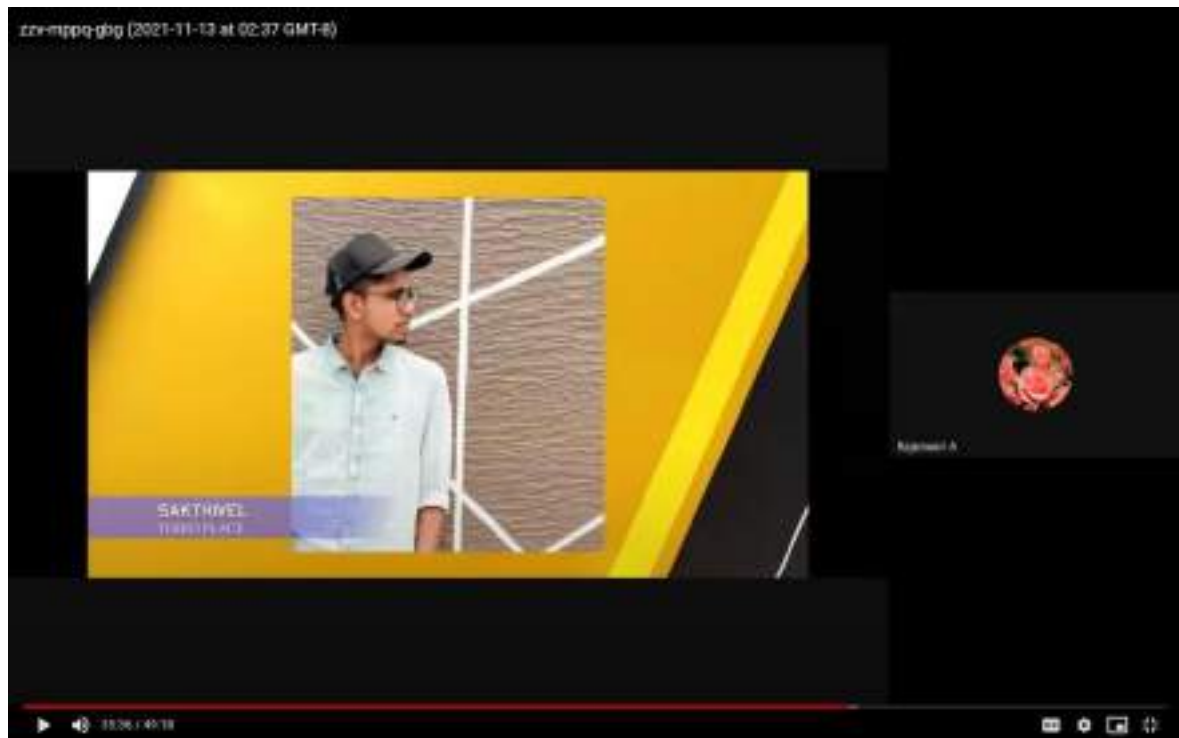


**Figure 35.9 Video Presentation Competition – Third Place
Selvan. Sakthivel**

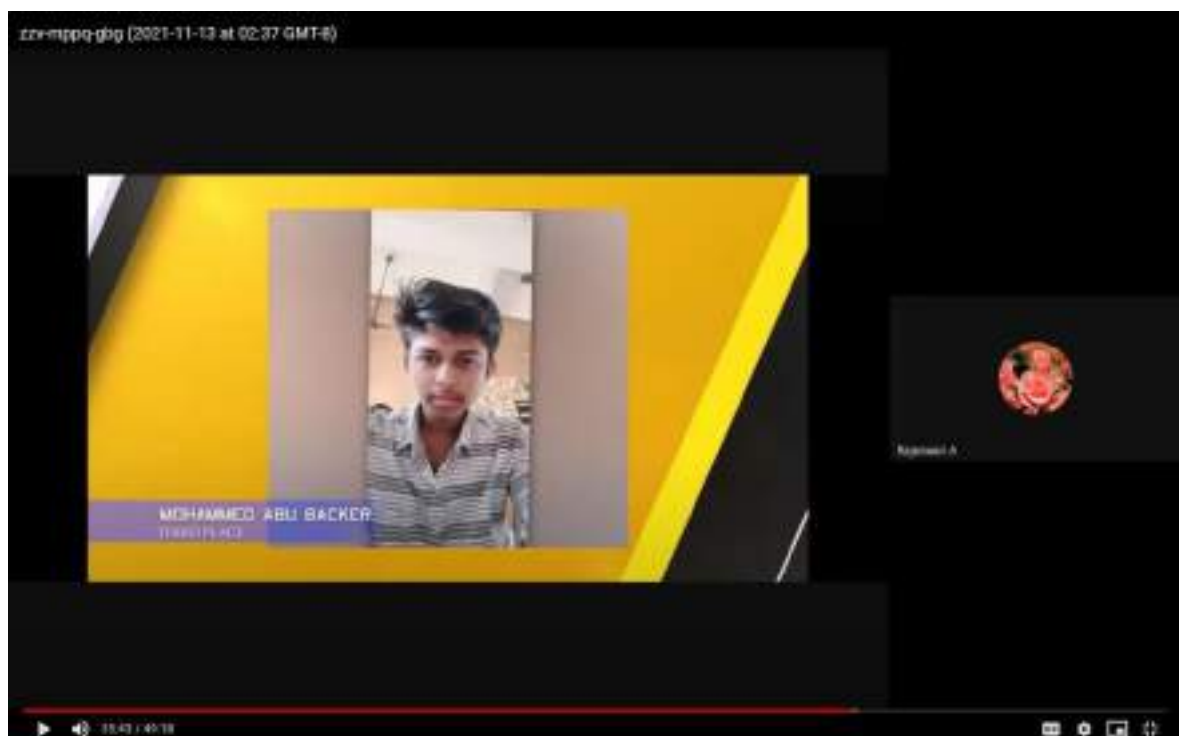


**Figure 35.10 Video Presentation Competition – Third Place
Selvan. Mohammed Abu Backer**



COIMBATORE INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
STUDENTS ASSOCIATION
REPORT
ACADEMIC YEAR 2020-2021
EVEN SEMESTER

S.No.	Name of the event	Date of the event	Resource person	Number of participants
1	Webinar/Guest lecture on “Energy Systems”	28.10.2020	Mr.R.CHELLAPPAN MANAGING DIRECTOR SWELECT ENERGY SYSTEMS LTD,(FORMERLY NUMERIC POWER SYSTEMS LTD) SWELECT GROUP SWELECT ENERGY SYSTEMS PTE LTD,SINGAPORE SWELECT INC. USA, HHV SOLAR TECHNOLOGIES LIMITED AMEX ALLOYS PVT LTD.	120
2	Webinar/Guest Lecture on “Project Management”	11.1.2021	Mr. Shriram Vasudevan Former In charge and Mentor Cisco Thingqbator, Principal of K.Ramakrishna College of Technology	120
3	Webinar on “Career Guidance”	1.2.2021	Mr. Gowtham Kalyan, HR at Ericsson India Recruitment Engagement NHRD Rotaract Chairman	80

The event was taken over by **Chief Guest Mr. R.Chellapan**, Managing Director, Swelect Energy Systems LTD (Formely known as Numeric Power Systems LTD) Swelect Group Swelect Energy Systems PTE LTD, Singapore, Swelect Inc, USA, HHV Solar Technologies Limited, Amex Alloys PVT LTD and a proud alumni of CIT.



The guest was very keen to motivate the students because he always addresses the students as Future Architect of India. The start off of the guest was regarding his travel and experience in his carrier starting from being a senior executive in Ramakrishna steels. Following this, was his story of developing a public company named Numeric Engineers now so called as Swelect Energy Systems. He gave a brief note of all the works that was carried out by the company from the domain of power electronics to power quality and continuity.

A guest lecture on **PROJECT MANAGEMENT** was masterminded and conducted on January 11th 2021 which witnessed an active participation from the student community.

The event was flagged off formally with **Ms.Mythili** (III year ECE), Promotion Manager of IETE Students' Forum, delivering the welcome address.

This was followed by a ceremonious introduction of our beloved chief guest, **Mr. Shriram Vasudevan**, Former In charge and Mentor Cisco Thingqbator, Principal of K.Ramakrishna College of Technology(New), by **Ms.K.Maunasree** (III year ECE) Member of ECE Association and IETE Students' Forum.



The chief guest took the reins of the session by sharing numerous project ideas that he had undertaken. He enlightened the students on comprehensive list of domains such as Sophisticated Automatic Doctor Machine, Driving Assistance for middle class family cars and Feedback Collection for Fastag sans form filling etc.,

A webinar on **CAREER GUIDANCE** was planned and conducted on 1 st February 2021 for third year students of ECE Department at 2.30 PM.

The event was started with the welcome address by **T. Vignesh Raaj** (III year ECE), Joint Treasurer of ECE Association. He extended his hearty welcome to the chief guest, faculties and the students. Following this warm welcome was a grateful introduction of our beloved chief guest **Mr. Gowtham Kalyan**, HR at Ericsson India | Recruitment | Engagement | NHRD | Rotaract Chairman.

The webinar session was then handed over to the Chief Guest. He emphasized the importance of working on the hardware and software domains in a company.



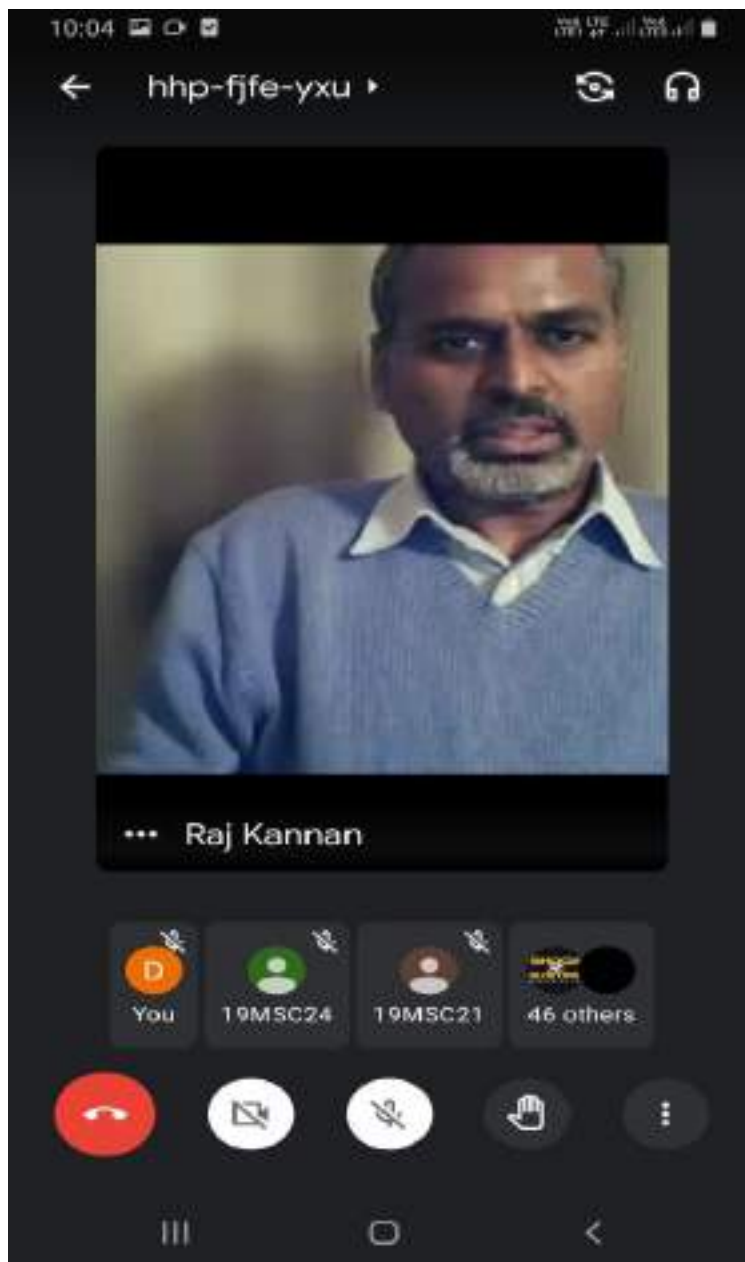
Coimbatore Institute of Technology
Department of Computing - AI & ML
Webinar on
AIML Use Cases in Retail Industry

Resource Person Details:

Mr. Raj Kannan,

TCS, US

It was a virtual session conducted on February 15, 2021. The session promoted knowledge about the various use of Artificial Intelligence and Machine Learning in the Retail Industry. It was an informative session from an industry expert.



Shane

Coimbatore Institute of Technology

Department of Computing - AI & ML

One day Webinar on “ Introduction to IoT”

One day webinar on “Introduction to IoT” was conducted on 4th March 2021. Training was given by Dr. C.Stanly Felix, Assistant Professor, Department of Computing, CIT, around 120 students were participated in the training and gained knowledge.



Coimbatore Institute of Technology
Coimbatore
Department of Computing (AI & ML)
Cordially invites you for the Webinar On
Introduction to IoT Part-1

Date: 04/03/2021
Time: 10.00 am
to 12.00 pm

Resource person:
Dr. C. Stanly Felix,
Asst. Professor,
Department of Computing.

Platform: Google Meet





Shane

Coimbatore Institute of Technology
Department of Computing - AI & ML
Webinar on

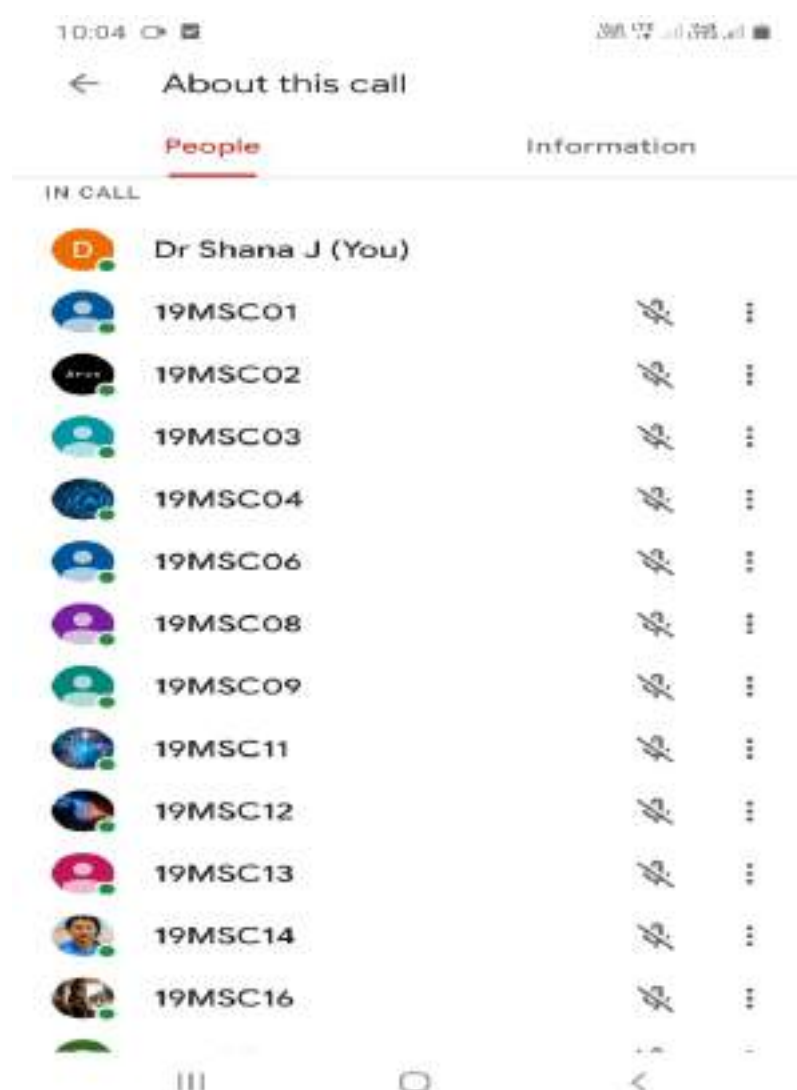
C Problem Solving for Interviews

Resource Person Details:

Mr. Dinesh,

Bangalore

The session was conducted online due to outbreak of COVID-19 Pandemic. The session provided various tips and perspectives on solving problems for interviews using C Language. It was an enthusiastic and useful session for the students.



Shana

C Problems Solving for Interviews (Responses)						
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	A	B	C	D	E	F
1	Timestamp	Email Address	1. Was the topic covered?	2. Rate the trainer	3. Would you like more?	4. Is it different from our?
2	3/28/2021 16:08:10		Yes	Good	May be	Yes
3	3/28/2021 16:08:40		Yes	Excellent	Yes	Yes
4	3/28/2021 16:08:33		Yes	Good	May be	Yes
5	3/28/2021 16:10:07		Yes	Excellent	Yes	Yes
6	3/28/2021 16:11:02		Maybe	Good	Yes	Yes
7	3/28/2021 16:11:03		Yes	Excellent	May be	Yes
8	3/28/2021 16:11:17		Yes	Excellent	Yes	Yes
9	3/28/2021 16:13:05		Yes	Good	Yes	Yes
10	3/28/2021 16:13:29		Yes	Excellent	Yes	Yes
11	3/28/2021 16:13:48		Yes	Good	Yes	May be
12	3/28/2021 16:14:03		Yes	Good	Yes	Yes
13	3/28/2021 16:15:01		Yes	Good	Yes	Yes
14	3/28/2021 16:15:50		Yes	Excellent	May be	May be
15	3/28/2021 16:16:20		Yes	Good	May be	Yes

Shane



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INDUCTION PROGRAM

DEPARTMENT OF MECHANICAL ENGINEERING

REPORT

About Coimbatore Institute of Technology

The V. Rangasamy Naidu Educational Trust devoted to the cause of promoting technical and scientific literacy, established Coimbatore Institute of Technology (CIT) in 1956. CIT is one of the most reputed and prestigious educational institutions in South India since 1956. The Institute backed by World Class research and development attained autonomous status in 1987 and is affiliated to the Anna University of Technology.

The Institute boasts of strong academic-industrial interaction and a high quality of research and consultancy. CIT, managed by a pedigreed lineage for the past 50 years, enjoys national reputation. The Institute has the services of competent qualified faculty, and visionary management to enhance the quality of education at all levels and maintain its position in emerging global scenario.

About Mechanical engineering Induction program

The Induction program is acting as a buffer for new students. This induction program acts as a bridge to initiate mechanical engineering with ease. This course includes many motivational speech by many eminent speakers. Moreover, the students were informed about the schedule of Induction program in detailed. This program will enable students to prepare for the mechanical engineering with confidence. In addition with the faculty and their classmates, the students will be equipped with the knowledge and the confidence needed to take on bigger challenges as future mechanical engineers of this country.

Induction program for the first year semester students of B.E Mechanical Engineering Program was conducted during 20.07.2019 to 03.08.2019 to give an overview of the mechanical engineering courses of study and to motivate the students by technical and career guidance sessions handled by faculty members. The Induction program for first year mechanical engineering was inaugurated by Dr.K.Marimuthu, Professor and Head, Department of Mechanical engineering, CIT on 22.07.2019. Following, the first year tutors



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REPORT

were interacted with students to introduce each other. A lecture on “UMS Demo” was presented by Dr.G.Suganya Priyadharshini, and Mr.S.K.Pradeep Mohan, Asst. Prof., Department of Mechanical engineering, CIT on 22.07.2019 in the forenoon session.

The Scope of Mechanical Engineering was explained by Dr.A.S.Krishnan, Associate Prof., Department of Mechanical engineering, CIT on 23.07.2019 in the forenoon first session. Then students were assists to visit their respective first year laboratory to learn their experiments in afternoon session on 23.07.2019. Then the schedule was followed by corresponding. A lecture on “Choices based credit system” was presented by Dr.G.Suganya Priyadharshini, and Mr.S.K.Pradeep Mohan, Asst. Prof., Department of Mechanical engineering, CIT on 24.07.2019 in the forenoon first session.

Mr.D.P.Samsolomon, Asst. Prof., Department of Mechanical engineering, CIT was explained about alumni of Mechanical Engineering on 24.07.2019 in the Afternoon first session. Following, lecture on “Rubik’s Cube” was presented by Mr.S.Thirumurugan Asst. Prof., Department of Mechanical engineering, CIT on 24.07.2019 in the Afternoon Second session. Then the schedule was followed by corresponding.



26.07.2019
Afternoon Session

Inner Engineering
Isha Yoga center, Coimbatore
Venue: L219



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INDUCTION PROGRAM

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REPORT



27.07.2019,
Afternoon Session

Inner Engineering
Isha Yoga center, Coimbatore
Venue: L219



29.07.2019,
Session 1, 9:00 a.m.
To 10:30 a.m.

Current affairs in Indian Economy
Dr.R.Maheswari, Venue: L219



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INDUCTION PROGRAM

DEPARTMENT OF MECHANICAL ENGINEERING

REPORT



29.07.2019
Session 2, 11:00
a.m. To 12:30 p.m.

Idea generation and winning strategy
Mr.R.Senthil kumar, Venue: L219



30.07.2019
Session 1, 9:00 a.m.
To 10:30 a.m.

Motivational Speech
Mr.Sateesh Nataraj, Venue: L219



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INDUCTION PROGRAM

DEPARTMENT OF MECHANICAL ENGINEERING

REPORT



31.07.2019
Session 1, 9:00 a.m.
To 10:30 a.m.

Motivational Speech
Mr.A.S.Shivakumaran, Venue: L219



01.08.2019
Session 1, 9:00 a.m.
To 10:30 a.m.

Role of Mechanical Engineers in IT industries
Dr.S.Dhanabal, Venue: L219



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INDUCTION PROGRAM

DEPARTMENT OF MECHANICAL ENGINEERING

REPORT



02.08.2019
Session 1, 9:00 a.m.
To 10:30 a.m.

Defeating Cyber Crime with Awareness and Good Habits,
Dr.M.Sangeetha, Venue: L219



03.08.2019
Session 1, 9:00 a.m.
To 10:30 a.m.

Motivational Speech
Mr. M. Nachimuthu, Venue: L219



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INDUCTION PROGRAM

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REPORT



05.08.2019
Forenoon Session

Brand
Mr.K.M.G. Adhi Pandiyan, Venue: L219



06.08.2019
Session 1, 9:00 a.m.
To 10:30 a.m.

IOT
Mr.S.Ansari, Venue: L219



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INDUCTION PROGRAM

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REPORT



06.08.2019
Session 1, 9:00 a.m.
To 10:30 a.m.

Drone
Mr.A.Rahman, Venue: L219



06.08.2019
Session 2, 11:00
a.m. To 12:30 p.m.

Regional Science Center



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INDUCTION PROGRAM

DEPARTMENT OF MECHANICAL ENGINEERING

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07.08.2019
Forenoon Session

People for Animal
Mr.Pradeep Prabakaran, Venue: L219



Full Day

Isha Yoga center, Coimbatore



COIMBATORE INSTITUTE OF TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY
ASSOCIATION OF INFORMATION TECHNOLOGY - DECODE



SUMMARY OF TECHNICAL TALKS

2019 – 2020

Date	Name of the event
25.07.2019	Entrepreneurship Skill Development
01.08.2019	Awareness talk on E - Content Development
12.09.2019	Internet of Things Workshop
19.12.2019	Awareness session on iOS App Development
23.01.2020	Awareness session on Blockchain

ENTREPRENEURSHIP SKILL DEVELOPMENT

DATE:25.07.2019

TIME: 2.30 P.M - 3.30 P.M

RESOURCE PERSON: Mr. Ajay Kumar A.C and Mr. Mohan Kumar from
Onceptual Business Solutions



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COIMBATORE - 641014, INDIA



**ASSOCIATION OF
DEPARTMENT OF IT { DECODE }
AND
DEPARTMENT OF CSE { ASCII }
PRESENTS**

**ALUMINI TALK ON
ENTREPRENEURSHIP SKILL DEVELOPMENT
BY**



AJAY KUMAR AC
ONCEPTUAL BUSINESS SOLUTIONS PVT LTD

MOHAN KUMAR A
ONCEPTUAL BUSINESS SOLUTIONS PVT LTD



**VENUE: LIBRARY AC CONFERENCE HALL
DATE: 25TH JULY
TIME: 2.30 PM**

The talk on Entrepreneurship Skill Development held on 25-JUL-2019 by Ajay Kumar A.C and Mohan Kumar from Onceptual Business Solutions shed light on the conception, inception, development and management of startups. Alumnus of

our own college, Ajay Kumar and Mohan Kumar explained in detail about how their venture into designing of an electric bike during their college days and their attempts to promote and market it led them to establish and grow their own marketing startup Onceptual Business Solutions.

Onceptual Business Solutions is an information technology and services-based startup which works tightly with Businesses and entrepreneurs to increase their revenues with psychological approach and result based pricing. They specialize in Behavioral Economics, Neuro Marketing, Content Marketing, social media, Marketing Campaigns, Increasing ROI, Restaurant Consultancy, E-commerce, Personalized marketing, Web Development and Marketing consultancy.

The talk which covered a little over an hour was interactive and highlighted taking calculated risks, recovering from losses, gaining profits and wisely managing time and money. It was overall, a useful and knowledgeable session.



AWARENESS TALK ON E-CONTENT

DEVELOPMENT

DATE: 01.08.2019

TIME: 2.30 PM – 3.30 PM

RESOURCE PERSON: Mr. Pathy Thangavelu, Business Development Manager at Zillioncubes, Coimbatore.

The awareness talk on E-Content Development was held on 01-AUG-2019 and the session was handled by Mr. Pathy Thangavelu, Business Development Manager at Zillioncubes, Coimbatore.

The session covered the various aspects and strategies involved in the development of quality web content that satisfies all the criteria of user satisfaction, professionalism and aesthetic appeal. Some of the notable points discussed during the talk include the various techniques that can be followed for Search Engine Optimization (SEO) so that the web content reaches out to the precise and specific reaches and provides the best use of utilisation.

The session was insightful and provided a deep look into developing content, designing web pages and upscaling the content to the internet and getting the best experience.

INTERNET OF THINGS WORKSHOP

DATE:12.09.2019

TIME: 2.30 P.M - 3.30 P.M

RESOURCE PERSON: Ms.Anitha.V and Mr.Vijayaraghavan.S



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CORDIALLY INVITES YOU FOR THE

IoT WORKSHOP

BY

VIJAYARAGAVAN S, B.E EEE

DESIGN ENGINEER WITH EXPERIENCE IN PLC AUTOMATION
2+ YEARS OF EXPERIENCE IN IOT

AND

ANITHA V, B.E EEE, MBA

PCB DESIGNER, EMBEDDED, IOS AND IOT SOLUTIONS PROVIDER
7+ YEARS OF EXPERIENCE IN IOT



Venue : LBCH

Date : 12th Sep

Time : 2.30 p.m.

The workshop on the applications of Internet of Things held on 12-SEPT-2019 offered a deep insight into the industrial, web and temperature applications of IoT. The speakers were Ms.Anitha.V a graduate in Bachelor of Engineering in ECE and an MBA degree holder and Mr.Vijayaraghavan.S a graduate in Bachelor of Engineering in EEE. Ms.Anitha has over 3 years of experience in textile industry as a PCB Engineer, Embedded System, R and D developer, 1 year of experience as an iOS developer and 3 years of experience in IoT and as an IIOT solution provider for several industries. Mr.Vijayaraghavan has worked as a design engineer in Bangalore and has 2 years of experience with PLC Automation to his credit. Currently, he is working in the IoT industry.

The workshop including a variety of topics for discussion. They included use of IIoT(Industrial IoT), application of IoT techniques and concepts for industry specific purposes, web applications in IoT using Cloud servers, application of IoT in mobile applications using socket programming and SSID and in temperature sensors which could be used in product manufacturing units and weather forecasting system.





AWARENESS SESSION ON iOS APP DEVELOPMENT

DATE:19.12.2019

TIME: 2.30 P.M - 3.30 P.M

RESOURCE PERSON: Mr.Shibu,

Senior Techno-Commercial Manager-Apple,
Business group, Reddington

The workshop on the importance of iOS development held on 19 December, 2019 offered a deep insight into the demand of iOS App developers necessary in today's corporate world. The speaker was Mr.Shibu, Senior Techno-Commercial Manager-Apple, Business group, Reddington. The main objective of the workshop was to give a general overview about iOS App Development and its ongoing demand. Mr. Shibui also gave a quick instantaneous demonstration on how to create an iOS App right from anormal utility MacBook. In addition, he mentioned the advantage of knowing iOS App Development for students and how it changes their career charts. He elicited the various ways a student can learn iOS App development right from scratch and provided resources such as websites where one can learn the programming language used, named Swift. Further, he also explained the various career opportunities at Apple available for students who excel in iOS App Development.



AWARENESS SESSION ON BLOCKCHAIN

DATE: 23.01.2020

TIME: 2.30 PM – 3.30 PM

RESOURCE PERSON: Mr. Rahul Oberoi, Emurgo Technology Solutions

The awareness session on Blockchain technology was handled by Mr. Rahul Oberoi from Emurgo Technology Solutions on 23-JAN-2020. Mr. Oberoi has had an extensive experience in the field of marketing in several companies, notably as Business Development Associate at BYJU's and Business Development Intern at SUN Mobility. The session targeted on second and third years of the Departments of CSE and IT covered the theoretical concepts of Blockchain, its applications in current technology industry and how students by practicing blockchain can improve their prospects and scope of their projects. In addition, the resource person discussed an upcoming programme being organised by their company and invited students to participate. Overall, the workshop was informative and provided a lot of insight into Blockchain and its associated domains and how students can utilise its potential.



COIMBATORE INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
STUDENTS ASSOCIATION
REPORT
ACADEMIC YEAR 2019-2020

Date : 28.08.2019

Topic: Embedded Systems

The activity conducted on 28 August 2019 for 2nd year E.C.E students highly emphasized the importance of learning Embedded system. The event was handled by Mr. Rijo George, Emglitz Technologies, Saibaba colony, Coimbatore . Introduction of embedded system was given first. The components of the embedded system were demonstrated. The advantages and disadvantages of microprocessor and microcontroller were discussed. Real time applications related to embedded system were also discussed. General view of some languages like C and C++ were taken. The engine which is the most important component of the automobile was also taken in this session. The process of ECU (Engine Control Unit) was also explained. The students eagerly attended this session and effectively used this lecture.



19HSS01 - SCIENCE OF CREATIVITY AND PROFESSIONAL ETHICS

L	T	P	C
1	0	0	1

ASSESSMENT : THEORY

COURSE OUTCOMES

After successful completion of course, students will be able to

- CO1** : Understand the principles of karma yoga, duty consciousness and evolution of the universe.
- CO2** : Analyze the benefits of yoga and meditation.
- CO3** : Understand the benefits of harmony, introspection and examine human values for sustained growth in career and life

LIFE FORCE, CONSCIOUSNESS AND EVOLUTION OF UNIVERSE

Science of Creativity and Personality Development - Principles of Karma Yoga - Duty Consciousness
Law of Nature - Life Force -Potentiality of the Life Force - Consciousness - Pancha Thanmatras
Biomagnetism. Evolution of the Universe: Creation Theory - Evolution Theory - Evolution of Living Being
Absolute Space and Force - Seven Constituent Layers in the Body.

YOGA AND ITS BENEFITS

Simple and Safe yoga - Upa yoga Practices : Yoga for peace, health, joy, love, well-being and success
Physical exercise - Meditation - Seven centers of meditation - benefits - effect of good vibrations - cause
and effect system.

HARMONY IN LIFE, INTROSPECTION AND HUMAN VALUES

Harmony in Life : Self, family, society and nature - Introspection : Analysis of thought, Moralization
desire, Neutralization of anger, Eradication of worries and Self realization.
Morals, Values and Ethics - Integrity - Work ethics - Service learning - Virtues - Respect for others
Valuing time - Co-operation -Commitment - Empathy - Self confidence - Challenges in work place
impact of cyber space on individual.

TOTAL:

TEXT BOOKS

1. Yogiraj Vethathri Maharishi, "Karma Yoga - The Holistic Unity", Vethathri Publications 4th Edition, 2009.
2. R.S.Naagarazan, "A Textbook on Professional Ethics and Human Values", New Age International Publishers, New Delhi, 2011.

REFERENCES

1. Sadhguru, "Body the Greatest Gadget and Mind is your Business", Diamond Pocket Books Pvt. Ltd. Isha Foundations, 2013.

Syllabus

SUBJECT CODE / NAME 15H5601 Science of Creativity and Professional Ethics

(i) COURSE OUTCOME

- After successful completion of this course, the students will be able to:
- CO1: Explain the principles of karma yoga and yogisgurus.
 - CO2: Point out the various theories - creation, evolution, permanence, mitya for the evolution of universe and living beings.
 - CO3: Analyse the benefits of yoga and meditation.
 - CO4: Demonstrate good thought for better living.
 - CO5: Examine the human values for Sustained growth in career and life.

LIFE FORCE, MIND AND CONSCIOUSNESS

Science of Creativity and Personality Development - Objectives - Principles of Karma Yoga - Duty Consciousness - Communion and Capitalism - Law of Nature - Life Force - Origin - Permanence of the Life Force - Perennial State - Wave Theory - Consciousness - Pancha Tanmatras - Secret of Revelation - Mind - Samskara - Physical Transformation of Samskara (7)

EVOLUTION OF THE UNIVERSE AND LIVING BEINGS

Evolution of the Universe - Creation Theory - Evolution Theory - Theory of Permanence - Theory of Mitya - Evolution of Living Beings - Perennial State and Force - Photo Experience Path - Two Eyes and Two Ears - Seven Cohesive Layers in the Body (8)

YOGA AND ITS BENEFITS

Simple and Safe Yoga - Upa Yoga Practices - Yoga for Peace - Yoga for Health - Yoga for Joy - Yoga for Love - Yoga for Well-being - Yoga for Success - Physical Exercises - Meditation - Seven Centers of Attention - Benefits - Effect of Good Vibrations - Cause and Effect System (9)

INTROSPECTION

Attachment, Detachment and Moderation in Enjoyment - Imaginary Expectations - Harmony in Life, Self, Family, Society and Nature - Introspection - Analysis of Thought - Moderation of Desire - Neutralization of Anger - Evaluation of Worries and Self Restoration (10)

HUMAN VALUES

Morals, Values and Ethics - Integrity - Work Ethics - Service Learning - Virtues - Respect to Others - Living Peacefully - Caring - Sharing - Honesty - Courage - Valuing Time - Co-operation - Self-empowerment - Empathy - Self-Confidence - Challenges in daily life - Impact of cyberspace on mankind (11)

(ii) Text books:

1. Yagya Vithalji Maharshi "Karma Yoga - The Road to Unity", Vithalji Publications 4th Edition, 2000
2. R.S. Nagdevan "A Textbook on Professional Ethics and Human Values" New Age International Publications, New Delhi, 2011

Reference books:

1. Sachdev, "Body the Greatest Gadget and Mind is your Business", Diamond Pocket Books Pvt. Ltd. New Foundations, 2013
2. Suresh, Vivekananda and Suresh Nikhilenanda "Karma Yoga and Bhakti Yoga" 2nd Edition, Vivekananda Vivekananda Publications, 2008
3. Henry Dreyfus, "The Measure of Man and Woman, Human Factors in Design", John Wiley and Sons Publications, 2010
4. Mark W. Martin and Robert Schrammer "Ethics in Engineering", 4th Edition, McGraw Hill

Name

P. Babu

Designation

Assistant Professor

Department

Chemical Engineering

Academic Year

2019 - 2020

Branch

Chemical Engineering

Semester

III

Course Code

15H5601

Course Title

Science of Creativity and Professional Ethics

Date of Reopening

10.07.19

Last Working Day

09.11.19

Date of I-Mid Semester Test

13.07.19

Date of II-Mid Semester Test

07.11.19

Number of Students Registered

63

Number of Students Passed

62

Percentage of Pass

98.41%

Particulars of Grades Obtained

O	A+	A	B+	B	FA
-	12	14	27	9	1

Minutes of the Tutor - Ward Meeting

Date	Details	Reg. No. of absentees
24.02.2020	Tutors discussed about the talking YAK app.	1706080 1706024
2-3 2020	student Particular forms were updated.	1706020 1706024 1706032 1806210
09.03.2020	Tutors Instructed the Students to attend the class properly.	1706020 1706028 1706023 1706024 1806210
16.03.2020	Tutors instructed the Students to prepare well for Mini project review.	Nil
21.12.2020	Tutors asked the Students to submit their In-plant training certificates.	1706080 1706023 1706024 1706025 1706029 1706033 1806207 1806210
28.12.2020	Tutors informed the date of Project review (First review).	1706080 1706024 1706025 1706030 1706033 1806207 1806210

Date: 28.12.2020

Signature of Senior Tutor

Signature of HOD

Minutes of the Tutor - Ward Meeting

Date	Details	Reg. No. of absentees
16.09.19	Tutors discussed about the Industrial visit and also the second mid-semester time table.	1706010 1706004 1806203 1706006 1706007 1706008 1706009, 1806207 1706018, 21, 22
23.09.19	Tutors discussed about the Symposium.	1806204 1606012 1706016 1706001 1706009 1806207
30.09.19	Tutors discussed about the second mid-semester and semester exams and also Hall ticket issue.	1706001 1706004, 1806204 1706005, 1806205 1706008, 1806206 1706009, 1806207 1706016 1706024 1706029 1706032
9.12.19	Tutors discussed about the fifth Semester results.	1706010, 1606010 1706004, 1606011 1706006, 1806204 1706009 1706015 1706018 1706020 1706029 1706033 1806203
16.12.19	Tutors collected the implant training certificate and students Particular form.	1706010 1706004 1706030 1706001 1706008 1706009 1806206 1606012 1606039
04.01.2020	Tutors instructed the Students to attend the class regularly and also explained about the Avishkar.	1706009 1706004 1706015 1706021, 1706029 1606010 1606039 1806203 1806206

Date: 4.1.2020

Signature of Senior Tutor

Signature of HOD

Date	Details	Reg. No. of absentees	of th
26/8/19	* Instruction for filling attendance percentage in second sem * Discussion about Industrial Visit	NIL	201
23/9/19	Discussion about Attendance percentage	18 06 039 18 06 049 18 06 055 18 06 059 18 06 060	201
20/9/19	Discussion about GATE Exam	1806028 1806017 1806004 1806202 1806055 1806046 1806045	201
14/10/19	Discussion about Student Ethics Motivation for GATE Examination	1806008 1806006 1806009 1806036 1806049 1806058	19
21/10/19	Meeting was altered - CPC Lecture class.	NIL	19
28/10/2019	Institutional Holiday - Deepawali (27 th October 2019)	-	20

Date: 28.10.2019

Therindu
Signature of Senior Tutor

Signature of HOD