CAMBRIDGE INSTITUTE OF TECHNOLOGY

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IQAC – Public Relations Committee

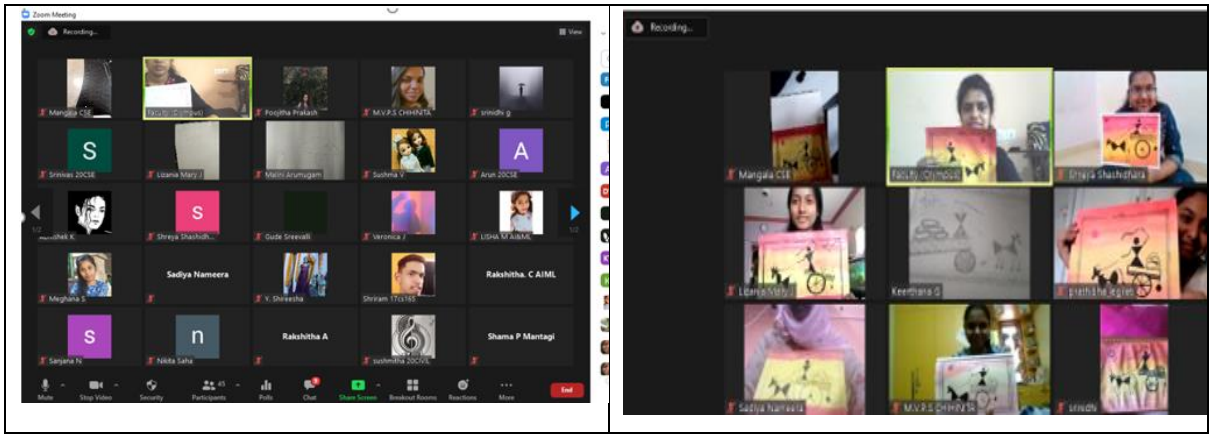
COLLATION OF JUNE MONTH ACTIVITIES - 2021

1. **Event: Innovative home decorative ideas using warli art**

WARLI ART & HOME DÉCOR

The cultural committee of the ***department of CSE*** organized a workshop on *Innovative Home Decorative Ideas using Warli art* on Saturday, 26th June 2021. The event that began at 12pm in the afternoon was aimed at exploring the hidden artists among our students. The primary focus of the event was to refresh each student's memory and encourage them to create home decorative through various innovative ideas. Such events often inspire the students to pursue entrepreneurship in the field of arts.

Miss Mangala KB, the assistant professor of CSE department, as the chief speaker of the event, about 43 students became a part of the enriching experience. The beginning of the program was marked by a brief introduction on arts in general. Understanding the need to express one's ideas in the best manner possible, the students were given a brief on sketching their ideas. From painting with water or acrylic colours, blending colours to adding finishing touch to the piece, the students gained a detailed understanding on making home decorative using Worli art.



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2. Event: Creative and Innovative still life photography

A CHANCE TO DUST OFF YOUR PHOTOGRAPHY SKILLS

On Saturday, 26th June 2021, the ***department of CSE's*** cultural committee conducted a *creative and innovative still life photography contest*. Students belonging to 4th, 6th and 8th semesters of the CSE department participated in the contest. The photographs for the contest were expected to be submitted before 25th June, 10pm. About a 100 pictures were shortlisted for the event.

This event provided a platform for the students to ignite creativity and come up with innovative ideas to capture still images. The students were given clear instructions not to submit images taken from Google.

A set of criteria were followed to filter the submissions, some of them were, originality of the images, presence of e-fix data in the image, no manipulation of the images and decent image with good resolution.

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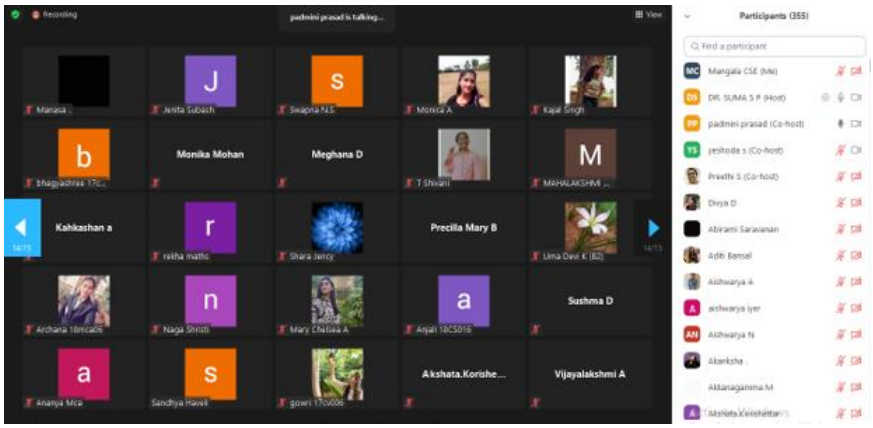
3. Event: Career guidance and intellectual Property opportunities in cyber security

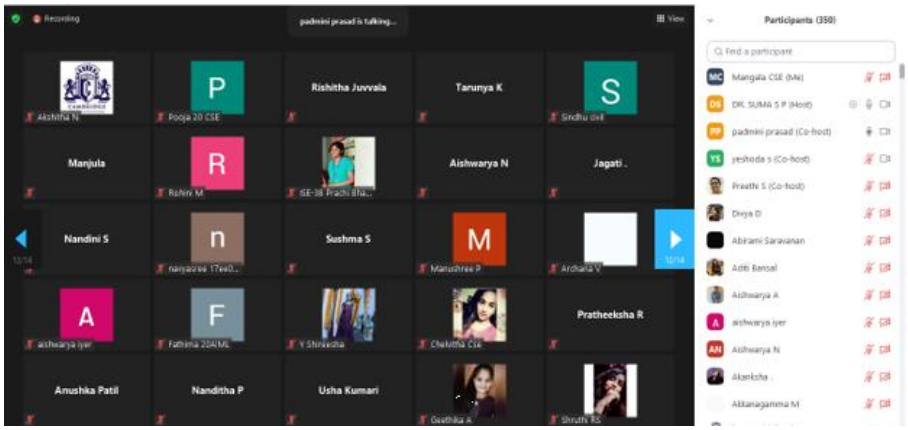
CYBER SECURITY: OPPORTUNITIES, ETHICS AND MORE.

A webinar organized by the ***department of CSE***, *Career guidance and intellectual Property opportunities in cyber security*, commenced at 3pm on Wednesday, 16th June 2021. The chief speaker of the event was Mr. Robin D'souza, the director, founder and cyber security advisor at CyberSapiens United LLP, Mangalore. He imparted knowledge and wisdom to the 6th semester students of CSE.

In the webinar participated by 144 students, the speaker shed light on concepts such as Introduction to Cyber Security, its fundamentals, needs and also, the employment opportunities in the industry. He articulated the importance of cyber security and its issues in networks and computer systems to secure an IT infrastructure.

In addition to that, he also talked about the employment opportunities in the field of forensic investigation. He emphasized on the need to evaluate and communicate the human role in security systems with an emphasis on ethics, social engineering vulnerabilities and training.





4. Are you Industry Ready and Innovative in your Ideas?

ARE YOU INDUSTRY READY AND INNOVATIVE? : ANALYZE & REFLECT

A significant question one must ask himself/herself while in college, *are you industry ready and innovative in your ideas?'* The ***department of CSE*** in collaboration with the Alumni club conducted a webinar to address this prominent question on Saturday, 5th June 2021. The four reputed speakers of the virtual event that began at 10:30am in the morning were Mr. Binoy Raj, Associate Software engineer, Rakuten, Mr. Aash Prashar, Cyber Security Analyst, Mcafee, Mr. B Krishna Pradeep, Associate Software Engineer, Mphasis and Mr. Deepesh Kumar Raja, SDET, HashedIn.

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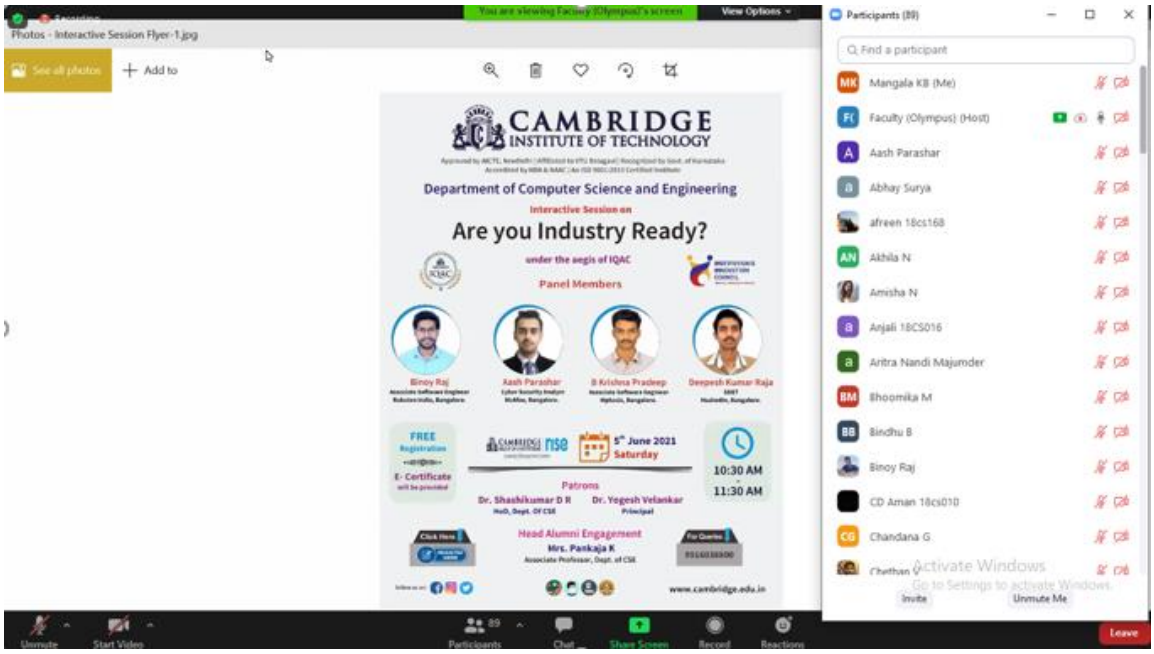
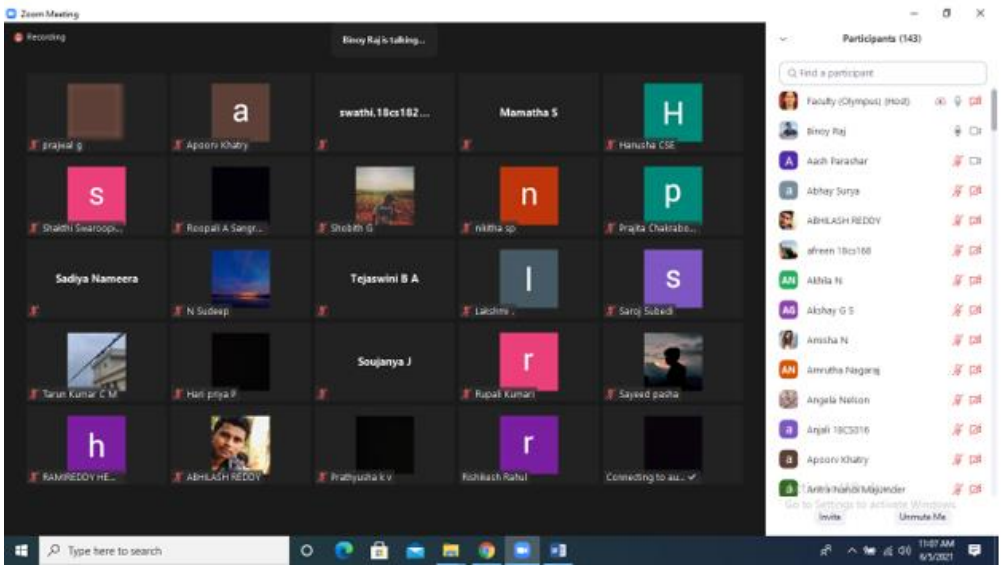
About 162 students took part in the event held for the 6th semester students of the department. The aim of the event was to motivate the audience to attain programming skills, inculcate professional ethics and self-discipline, and take up challenges along with managing time during the course of their studies.

The speakers emphasized on the importance of teamwork. Adhering to professionalism and ethics were also a major point of focus at the event. The honourable speakers also pointed out that facing challenges and overcoming them during one's journey is crucial.





5. IEEE prize distribution and membership drive

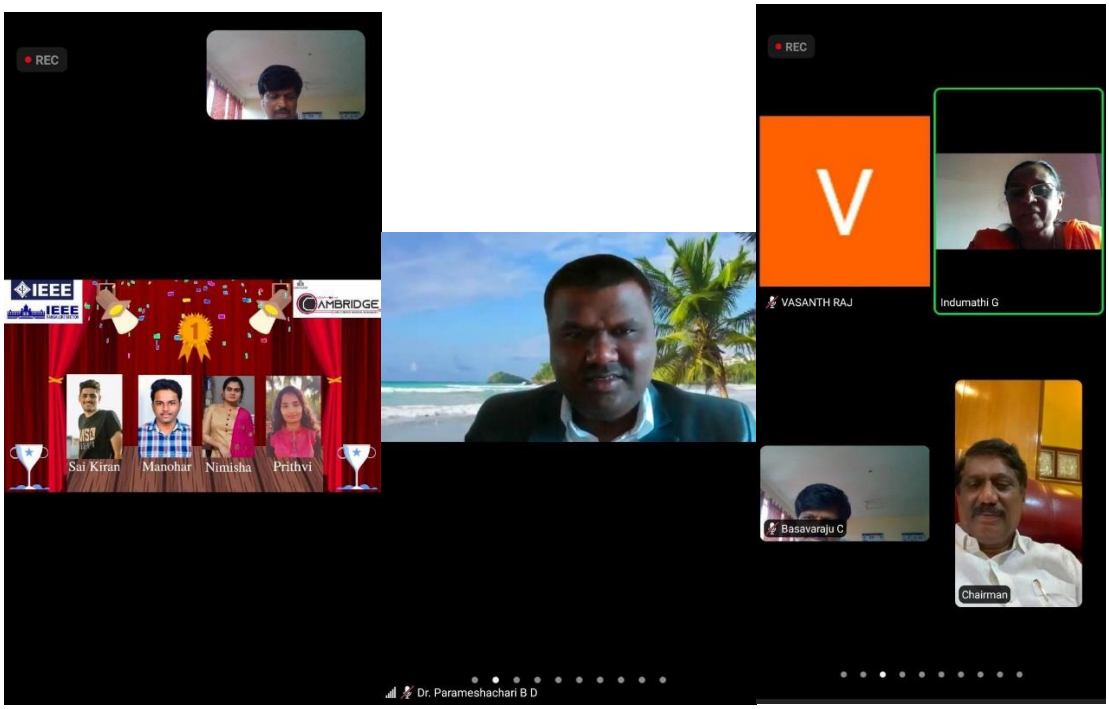
LEARNING AND NETWORKING WITH IEEE

The *IEEE prize distribution and membership drive* organized by the ***department of ECE*** on 4th June 2021 began at 3:30 pm in the afternoon. The event brought together 300 students from 4th, 6th and 8th semesters of the ECE department.

With an aim of educating the crowd about the importance of IEEE membership and appreciating those who actively participated in IEEE events, the event was graced by Dr.Parameshachari B D, Prof & Head, GSSSIETW, Mysore. During the event presided by Shri. D. K. Mohan, the chairman at CIT, awareness was spread among the undergraduate and graduate students interested in IEEE designated fields about the educational, technical and professional development opportunities. The purpose of the event was to promote technological innovation and excellence among the students for the betterment of humanity.

While addressing the gathering, the speaker mentioned that, the IEEE membership delivers access to the industry's most essential technical information and provides networking opportunities both locally and globally. He also explained that the members of IEEE will have

the ability to stay relevant in their profession, connect with peers and further invest in their future as well.



6. A webinar: Ethical hacking and cyber security

The ***department of ECE*** organized a webinar on *Ethical Hacking and Cyber Security* on 3rd and 4th June 2021. Mr. Samarth Bhaskar Bhatt, the Technical Director of Reverse Engineering Infosec, Bangalore, was the chief speaker of the event. The events initiated at 9am on both the days were attended by 50 students from 6th and 8th semesters of ECE.

The goal of the event was to make the students learn and perform hacking in a professional manner. As a professional hacker, an individual is expected to present a maturity scorecard highlighting the client's overall risk, vulnerabilities and suggestions towards improvement.

Through the webinar, the students understood the need to update hack-preventing tactics and install several technologies to protect the system from becoming a victim to the hacker. Various

aspects related to cyber security which is relevant in the current industrial scenario were introduced to the students.

The speaker focused on the methods to prevent data from being stolen and misused by malicious attackers. He underlined the significance of discovering vulnerabilities from an attacker's point of view and then fixing the weak points. Implementing a secure network that prevents security breaches and protecting networks through real-world assessments were some other key points highlighted in the event.

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7. Event: Practical Approach towards Mini-Project Development using System on Chip Platform

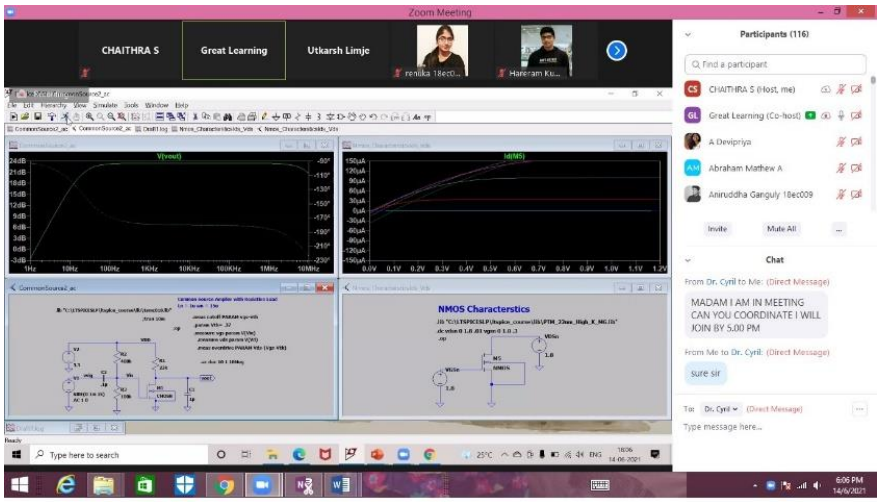
A 5 day workshop was organized by the ***department of ECE***, *Practical Approach towards Mini-Project Development using System on Chip Platform* on 10th to 15th June 2021. The virtual workshop that began at 2pm on 5 consecutive days hosted three honorary speakers, namely, Pooja P M , Entrepreneur-In-Residence at NIDHI-EIR program , DST Govt. of India, Dr. S. L. Pinjare, Professor, Dept. of ECE, NITTE, Bangalore and our own faculty member, Dr. Cyril Prasanna Raj P. Professor , Dept. of ECE.

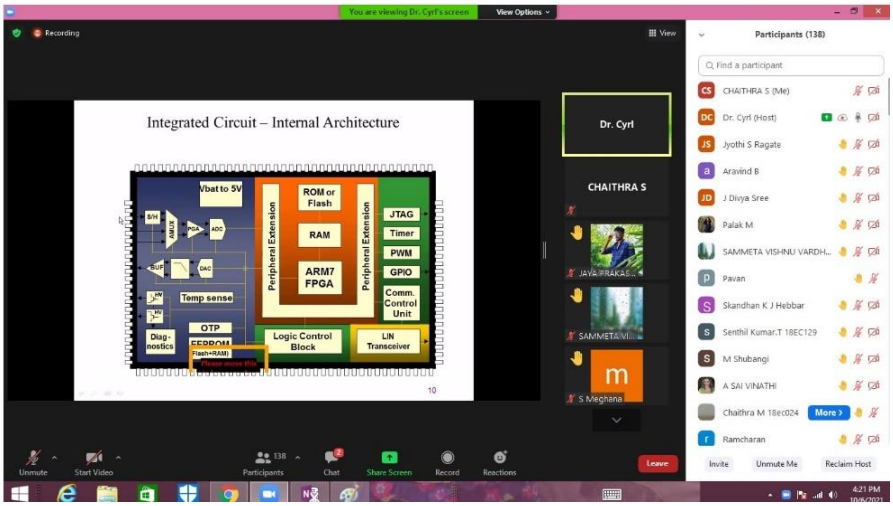
The event primarily focused on making the 6th semester students of ECE understand the real time software development environment. All the 120 students present in the virtual workshop were expected to gain a thorough understanding of the problem they chose and the language/software being utilized to solve the same.

Mini Projects are similar to the first run scored by a batsman to complete his century. They help the students to explore and strengthen the understanding of fundamentals through practical

application of theoretical concepts. It acts like a beginner's guide to do larger projects later in their career.

This workshop helped the students to boost their skills and widen their horizon of thinking. All the participants attained guidance on choosing a topic. The speakers covered the concepts of MEMS and mathematical modeling. In addition to that, the students learned to apply the appropriate technology for Designing of FPGA as well.





8. Event: Awareness Program on Money Management

The ***department of MBA*** at Cambridge Institute of technology in association with Central depository Services ltd. organized a webinar, *Awareness Program on Money Management*. The main goal of the session was to create awareness about stocks, capital market and depositories among the students.

The management students of CIT actively participated in the virtual session conducted on Zoom, an online meeting application.

The event commenced at 4pm by welcoming the resource persons and the gathering by Prof. Chikkegowda. The session was divided into two sections; the first was on the topic, *Investors on CDSL* by the resource person Dr. Sharan Kumar Shetty. He elaborated on the functioning of central depository services, capital market, its myths and realities. He briefed about the buying and selling of shares as well.

The second session was on the topic *Depositories* by the resource person Mr. C.S Harisha. The speaker gave a detailed explanation on trading, working process of DMAT account, Mutual funds and the do's and don'ts of investing.

In a question & answer session, all the participants clarified their doubts on the topic, followed by which, feedbacks were taken from the students, most of which seemed positive.

As the event came to an end, Prof. Basavraj Girimallanavar shared his opinion and thanked the resource persons for such an informative session.

9. Standardising the specifications of a Biogas run dual fuel Diesel engine for stationary applications

At present the engines used in automobiles will mostly be either petrol or diesel. In such engines only one particular type of fuel can be used. We're aware that the cost of fossil fuels like petrol and diesel is increasing day by day and in addition to that, the combustion of these fuels release carbon monoxide and carbon dioxide causing environmental pollution.

To educate students about the development of an alternative fuel, the ***Department of Basic Sciences*** organised a webinar on the topic, *Standardizing the specifications of a Biogas run dual fuel Diesel engine for stationary applications* on 12th June 2021. The chief speaker at the event was Dr. Bhaskar Jyoti Bohra, from the Energy Institute center of Rajiv Gandhi Institute of Petroleum Technology, Bengaluru.

Bio gas was developed when the requirement of alternative fuel was at its rise. Due to its low calorific value, bio gas won't contribute to environmental pollution. While Bio gas alone cannot be used as a fuel in automobiles, it's combined with diesel for usage. Since ordinary diesel engines do not function in this manner, a new type of diesel engine was developed to meet the purpose. The engine design, the ratio of mixing the two fuels, and its effect on

calorific values were discussed. Finally the conclusion was derived that it was beneficial. They are utilized in many places for running buses and other automobiles.

10. International Day of Yoga

In response to the circular put forward by the Ministry of Ayurveda, Yoga and Naturopathy dated 2nd March 2021 regarding observation of ***seventh International Yoga Day*** on 21st June 2021, Cambridge Institute of Technology rendered its initiative in participation. The Institute encouraged its entire faculty and students to participate in daily 45 minutes practice sessions from 11th June to 21st June 2021 at 7am every day.

The art of practicing Yoga is deep rooted in our culture since centuries. It helps in regulating an individual's mind, body and soul. Yoga brings together physical and mental disciplines to achieve a peaceful body and mind.

These practice sessions introduced a new healthy lifestyle and sensitized the entire faculty fraternity about the benefits of regular Yoga practice. Consistent practice of Yoga helps in all round fitness and is the best solution for stress management. It improves inner peace, boosts immunity and gives better flexibility and posture.

Yogacharya Sri. B.KS Iyengar has quoted, "Yoga is a light once lit will never dim. The better you practice, the brighter your flame". The faculty reciprocated to these initiatives with high spirit and demonstrated the Yogasanas and Pranayama techniques on IDY, which they have acquired through practice for over a week. They realized the efficacy of Yoga and the need to practice and follow it for a lifetime.

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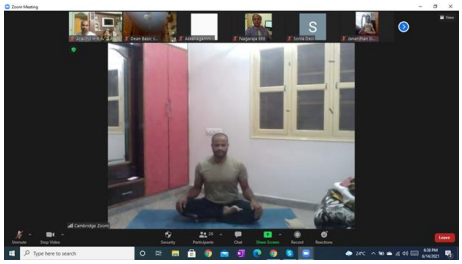
Dr. Yogesh Velankar, Principal, Cambridge Institute of Technology has initiated and constantly encouraged these practice sessions for the benefit and wellbeing of every individual. Yoga trainer Prof. Shyam Sunder V, Assistant Professor, Department of Electronics and Communication Engineering has trained and supported the participants throughout the sessions.

About 90+ faculty and students participated in the session on IDY. The college had publicized the event on various social media platforms and witnessed good participation.



11. Webinar on Ensuring Academic Integrity: Plagiarism Issues

The ***Department of Basic Sciences*** in association with Library and Learning Resource Center, Cambridge Institute of Technology organized a webinar on the topic, *Ensuring Academic Integrity: Plagiarism Issues*, for the first year students on 14th July 2021 at 3pm.

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The webinar was presented by Dr. Varsha, Assistant Professor of the MBA department, Cambridge Institute of Technology. The motive of conducting a webinar on such a topic was to inculcate professional ethics among the budding professionals and entrepreneurs.

Dr. Varsha explained to students using various instances the consequences of indulging in Plagiarism, a punishable offence. The act of plagiarism is viewed very seriously under various acts in UGC and AICTE and can attract punishment. If a student is found guilty of plagiarism, he or she might lose registration and if a faculty indulges in this act, he or she may lose the job.

The Government of India has initiated many rules to curb this unethical practice. Hence it is important to work on our own creativity, rather than copying ideas or content from others. The speaker also informed not to forget to mention citations in the research papers or books as applicable.

The webinar was useful to the young professionals so as to gradually incline towards ethical practices, develop and flourish by their own ideas and creativity. The webinar witnessed a participation of 245+ students and faculty members.

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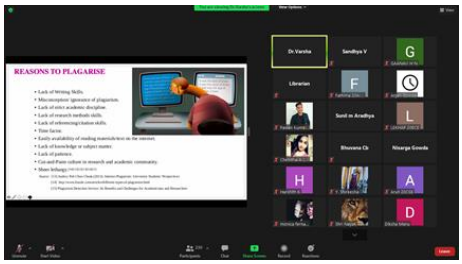

**********End of June Month Report**********

PUBLIC RELATIONS COMMITTEE	
Department Representatives	Name of Dept
Prof. Sandhya B S	Basic Sciences
Prof. Chandirika	Civil
Prof. Mangala	CSE
Prof. Jenita Subash	ECE
Prof. Sathya	EEE
Prof. Mamatha	ISE
Prof. Punith Kumar	Mechanical
Prof. Basavaraj	MBA
Prof. Rashmi	MCA
Ms. Anjali Menon, Content Writer	
Prof. J Vimala Devi - Focal	

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