

IQAC -Public Relations Committee

December - 11, 2021



THRIVE- a TEDxWomen event hosted by Cambridge Institute of Technology on the 11th of December 2022 was indeed a spectacular display of insights, performances, and loads of fun! It was a great place to be in; the ambiance, the people, the stage, and everything it showcased were nothing less than welcoming and charming!

From the conception to the execution,

THRIVE was a two-month-long process. It began with the license approval, followed by the theme curation. 'THRIVE,' a theme chosen to highlight how women in this society face all odds to make a strong stand and finally dazzle with the brightest sparkle one can imagine. The whole event was aimed at amplifying this very ideology.

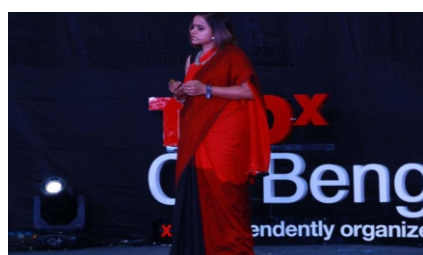
Once the theme was finalized, event preparations began in full swing. The different teams, namely Curation, Event Management, Social Media, Sponsorship and Marketing, ECP, Technical and Design, chalked out their plans and began working on them. The work was done partly on-site and partially online.

We started with purchasing goodies for the attendees' goodie bags and looking for partners.

Parallely, posters and content were developed for marketing via social media and the official TEDxCITBengaluru website. We also began looking for potential speakers and performers and started getting in touch with them. The team worked consistently on all the tasks. There were a lot of uncertainties. Nevertheless, they were taken care of to make the outcome impeccable.



After a short tea-break, we resumed with what A concert by "Crossroads," a well-known musical band, induced so much energy and jubilation in the audience!



It was then **Ms. Divya Madhur's** beautiful insight on how 'love' is the basis of our existence and how we thrive because of love.

"How love rewires us to Thrive."

We all witnessed an excellent TED talk by Ms. Leila Seth, a distinguished jurist, to fuel the theme further. She enumerated an aspect of the dark side of our society-dowry. The talk did indeed leave us with a lot to take home.

Ms. Sonali Swami, an inspiring bodybuilder, gave us a glimpse of her incredible journey and how she succeeded in breaking the stereotypes."From WHY to WOW-breaking the stereotypes."



Mr. Bharath Raj set the stage on fire with his perfect and fantastic dance moves. It was indeed an energetic performance

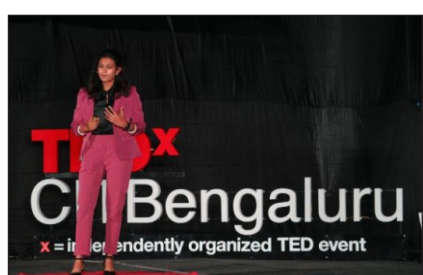


Ms. Bhavana BP, a well-known multipod coach, gave us a glimpse of the VUCA world and how we must consistently work towards thriving in it!

"Thriving in the VUCA world."



The next few minutes, we were transported to a whole new world of music and melody by the soothing voice notes of **Ms. Sparsha RK**, a prominent playback singer.



The final talk was one of a kind, with **Ms. Pragathi Gowda** elaborating on her journey to becoming a racer and how we all must dare to take the road less traveled.

"How 'she' became a racer."

We confirmed six speakers, four performers, and five partners within a few days. This was followed by scheduling their slots, arrival time, signing partnership bonds, accounting for the cash, matching them up with the expenses, and so on.

All the logistic arrangements, namely the stage, lighting, acoustics, seating, green rooms, lounges, dining rooms, and hospitality requirements, were set up a day before the event.

Then we finally arrive at the most awaited evening, 11th December 2021, 3:00 pm!

The event began beautifully, with the MCs welcoming and greeting the audience. Following this was an array of insightful talks and vibrant performances by our guests!



We started with **Dr. Anupama K Malagi**, a prominent professor and educationist, giving us a powerful message of how education is vital for women. "Educate a Woman, Educate a generation."



This was followed by an exemplary Mouth music Art, wonderfully presented by our performer **Kevin Noel Sequeira**, a prominent Mouth Music Artist.



We then moved on to a talk that left us all thinking about the plight of sexual minorities and women in India, a strong message by **Dr. Akkai Padmashali**, a great social activist. "*The Struggles of Women and Sexual Minorities in India*"



The MCs then concluded the event, and this was followed by dinner. The audience and guests departed after dinner with their gift bags and, of course, a lot of food for thought! The volunteers then wrapped up and reset the venue.

THRIVE- was more of a sweet memory than a planned event. It is something that we all reminisce and feel happy and enlightened about. It was a great stage and succeeded in becoming a platform to showcase and solve some of those less discussed problems in the female fraction of society.

THRIVE proved to be a marvel that transformed a quiet evening into one with celebration and deep thought!



All those words and memories will remain etched in our minds for the days to come!
- TEDxCITBengaluru

INDUCTION PROGRAM FOR FIRST-YEAR STUDENTS – SERIES OF TALKS AND THE ACTIVITIES

1. Yoga and Physical Exercises

December - 14, 2021



The Department of Basic Science initiated a Yoga and Physical Exercises event on 14th December 2021. Yoga is the journey of the self, through the self, to the self. It develops inner awareness that helps to focus on one's body abilities at present and helps to transform with new zest.

Yoga sessions were conducted every day from 14th to 24th December 2021 & 27th to 28th December 2021, between 6:30 am to 7:30 am. This session was held under the guidance of

Prof. Shyam Sundar, Assistant Professor, Department of Electronics and Communication Engineering, who is also a professional trainer. Around 197 students participated and benefited from it.

3. Preparedness to combat COVID 19 third wave

December - 14, 2021

As a continuous student-centric program, the Department of Basic Sciences conducted a talk on 'Preparedness to combat COVID19 Third wave' Prof. Padmavathy N Department of Basic Sciences on 14th December 2021 from 11.30 – 1.30 pm.

The discussion about the hardships faced by all of us during COVID- 19 first and second waves to the students. At both times, the impact of COVI-19 was ascertained to everyone.

Prof. Padmavathy explained delta, Omicron variants, and 15 Point CAB (Covid Appropriate Behaviour), which every individual must follow to combat COVID19 third wave. As many as 195 students participated in this webinar, and students made the session interactive with the speaker effectively by asking questions and clarifying all their doubts. It was an informative session for everyone.

4. Fireless Cooking

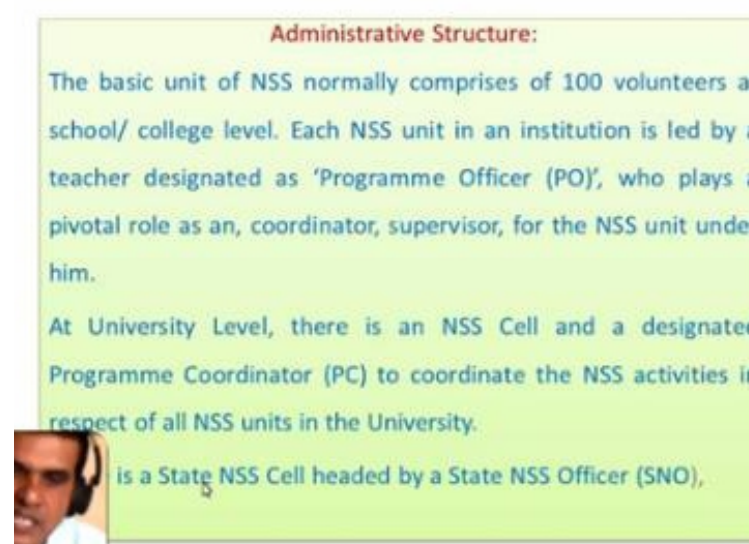
December - 15, 2021



As a part of the Student Induction Program, the organization of fireless cooking for first-year students, on 15th December 2021, the students reciprocated an overwhelming response and prepared various tasty and nutritious dishes. Students participated from 35 teams. The participation replicated a food festival, and students thoroughly enjoyed it. Here is a glimpse of some eye-catching and tasty dishes.

2. Awareness about NSS program and Clean Energy

December - 14, 2021



As the second session on the first day of the Induction program, **Dr. Ravi Shankar**, Associate Professor, Department of Chemistry, talked about Awareness about the NSS program and Clean Energy. This session is for the first-year students on 14th December 2021, as a part of the Student Induction Program.

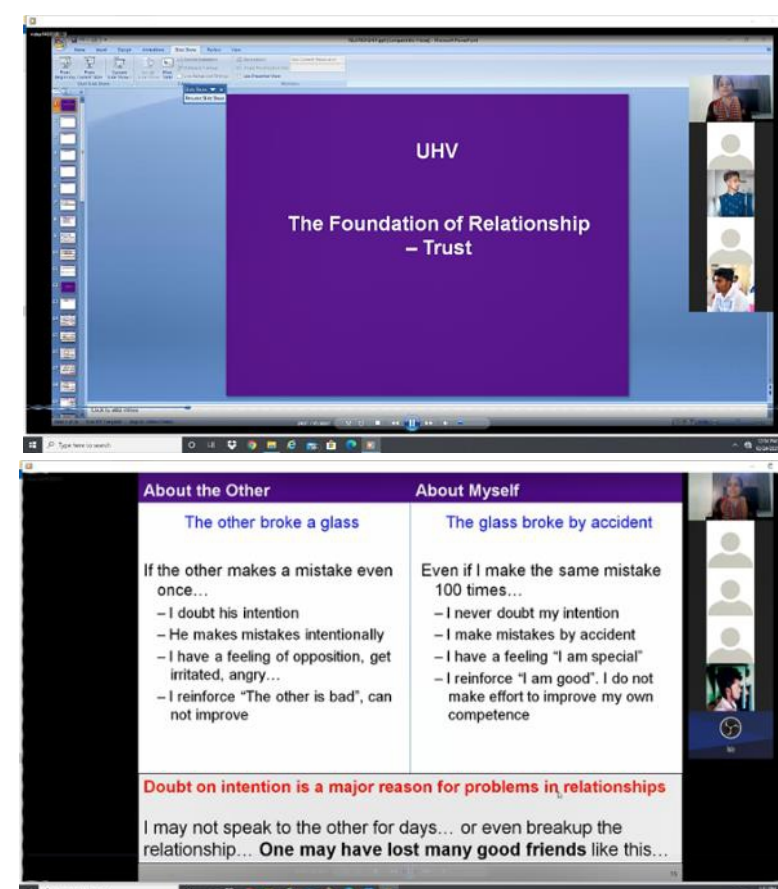
Dr. Ravishankar briefed about the objective NSS program and how it develops consciousness about service to the society and country through students.

The speaker shared information with the students regarding how to join the NSS program as a volunteer and take part in different events conducted by the college/university or National level.

The speaker informed various activities conducted under the aegis of NSS, including plantation of trees, rainwater harvesting, observing the significance of Constitutional Day, blood donation camps, Pollution control day, and more. The speaker also emphasized the necessity of dependence on clean energy, which would reduce the risk of environmental pollution. About 260 students participated in the session and benefited.

5. Relationship: Trust, Gratitude and Love, Universal Human Values

December - 16, 2021



The session on 'Relationship-Trust, Gratitude, and Love' was conducted by **Dr. Suma S P**, Professor & Head, Department of Mathematics, on 16th December 2021. The speaker's interaction highlighted the importance of relationships. Trust is the foundation of a relationship, is the belief and confidence in the integrity, reliability, and fairness of a person or organization; an essential human value that quantifies and defines our interdependence in relationships with others.

The speaker also emphasized gratitude and the value of thankfulness. Every individual has to express a sense of gratitude towards parents, teachers, and everyone around us.

Hence, the session focused on expectations from students to become more aware of themselves and their surroundings (family, society, nature) to become more responsible in life and in handling problems with sustainable solutions while keeping human relationships and human nature in mind.

INDUCTION PROGRAM FOR FIRST-YEAR STUDENTS – SERIES OF TALKS AND THE ACTIVITIES

6. Unleash your potential

December - 16, 2021

A talk on the topic “Unleash your potential” was held on 16th December 2021, by **Dr. Muralidhara Reddy**, Associate Professor, Department of MBA, Cambridge Institute of Technology.

The inner potential within us needs to be rejuvenated time and again to gain confidence in performing any task. We cannot achieve this without our willingness and continuous participation.

The session started by sharing success stories of young entrepreneurs who began their ventures with small capital yet, with high determination. The story of how they took upon calculated risks to fulfill their dream to become a successful entrepreneur in years to come.

Dr. Reddy emphasized the importance of keeping a goal in one's life. Indeed, the thought process, his words of wisdom would spark the urge to set up a new venture by the young graduates to work and think independently. Around 200 students attended the webinar.

7. Industrial Visit

December - 17, 2021

In continuation to the student-centric activities organized through Student Induction Program, we organized an Industrial visit on 17th December 2021.

As our country is witnessing the 75th year of Independence to commemorate this glorious occasion, various activities are observed across all Higher Education Institutes (HEI) and government sectors. On account of these celebrations, this exhibition was for the public at Bharat Electronics Limited (BEL) and Aviation Electronics Inspection Specification & Documentation Authority (ALISDA) Bangalore.

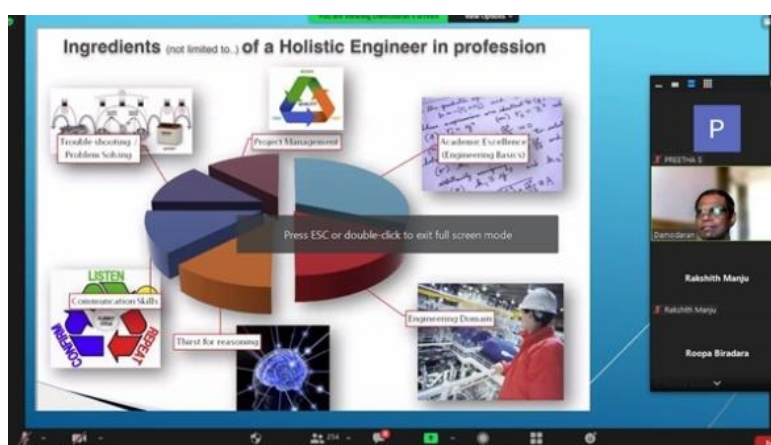
As a part of the Student Induction Program facilitated the first-year students to visit these museums. These exhibitions showcased the up-gradation of aerospace and defense electronics technology. The performance of the defense sectors was impressive and efficiently boosted the students.

Also, such initiatives show a sense of pride in the country's progress in the young minds that would inspire more students to pursue research as a career in the future and render their service to our motherland.



8. Talk on “Ingredients of a holistic Engineer.”

December - 18, 2021



It is necessary to teach soft skills and academics that help them transform the overall growth in personality and be successful in professionalism. This session on the topic “Ingredients of a holistic Engineer” was organized for first-year students on 18th December 2021, as a part of a Student Induction Program.

Mr. Damodaran, Chairman of – Management committee SAEINDIA Bangalore chapter, presented the session. The speaker shared his tips and suggestions on how to master the

technologies with a positive mindset. In this competitive era, it is of utmost necessity to update knowledge and skills. Hence, the speaker emphasized lifelong learning.

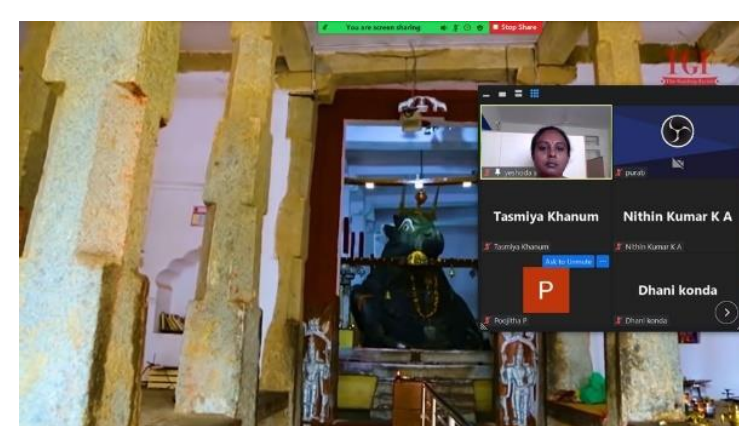
Communication and presentation skills play a crucial role in knowledge sharing. Mr. Damodaran gave his advice on developing a skill set, how to control troubleshoots, and problem-solving skills that enhance an engineer's performance.

Students actively interacted, shared their views, and clarified their queries with the speaker.



9. Virtual tour of the local area

December - 18, 2021



One of the motives of the Student Induction Program is the familiarization of college to the new joiners. The student community who are newly inducted are from different cities and cultural backgrounds. The sense of familiarization about the college and city would assist them about the professional courses into which they are.

In this regard, a virtual tour of Bangalore city in various cultural and student-centric events organized at the institute was presented to the students on 18th December 2021. The session was by



Prof. Yeshodamma, Assistant Professor, Department of Physics.

This attempt to familiarize the new joiners was well received by the students thus, making the session a success.

INDUCTION PROGRAM FOR FIRST-YEAR STUDENTS – SERIES OF TALKS AND THE ACTIVITIES

10. Creative Arts

December - 18, 2021



In association with the series of webinars organized by the institute to educate its fraternity about National Education Policy 2020, we organized a session on Indian Knowledge System, Language, Arts, and Culture for the first-year students on 18th December 2021 as a part of the Student Induction Program.

Ms. Swathi Krishna, a B.E graduate in Printing Technology and is passionate about

fine arts, handled this event.

Ms. Swathi Krishna briefed about various forms of painting. She also demonstrated DIY from the used plastic water bottle, wall putty, and so on. About 160 students participated and tried to prepare craftwork from waste.

11. Introduction to first-year Engineering

December - 20, 2021

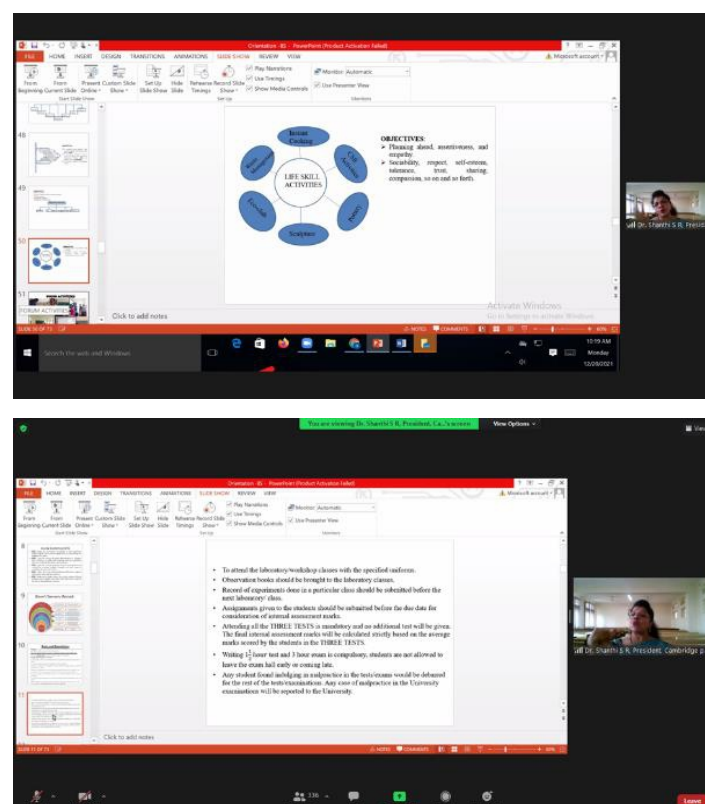
The foremost duty of a newly inducted student to an Institute would be to abide by the rules and regulations framed by the Institute and its affiliated University. In this regard, we organized a session to introduce the new joiners to the Institute. In particular to the first-year engineering as a part of the Student Induction Program on 20th December 2021.

Dr. Shanthi S R, Dean- Basic Sciences Department, heads all the academic proceedings and student-centric activities presented at this event, thereby ensuring and monitoring the progress of every student.

The first-year engineering program at the Institute is managed by the Basic Sciences Department, Dr. Shanthi. She introduced the students to the vision and mission of the Institute and the department, thereby educating them about terminologies like Course Outcomes, Program Outcomes, and Revised Bloom's Taxonomy. The usage of these terminologies is strictly followed in the delivery of the curriculum at CIT.

Dr. Shanthi also briefed about college

norms and also, dress code. She introduced them to the student-centric activities (including academic and non-academic) observed at the college for the students of first-year Engineering. Dr. Shanthi also shared the proposed activity list conducted for the students in the current academic year. These activities would rejuvenate their inner potential and thereby assist the holistic development of every student. About 300 students of the first-year attended the session and got a brief introduction to the college. human relationships and human nature in mind.



12. Growth Mindset a Silicon Valley secret

December - 20, 2021



A session on the topic "Growth Mindset a Silicon Valley secret" was organized for first-year students as a part of the Student Induction Program on 20th December 2021.

Mr. Vijay AV, Director HR, Y Media Labs, presented this session. The speaker rightfully explained the necessary mindset of every professional working for multinational companies in this Silicon

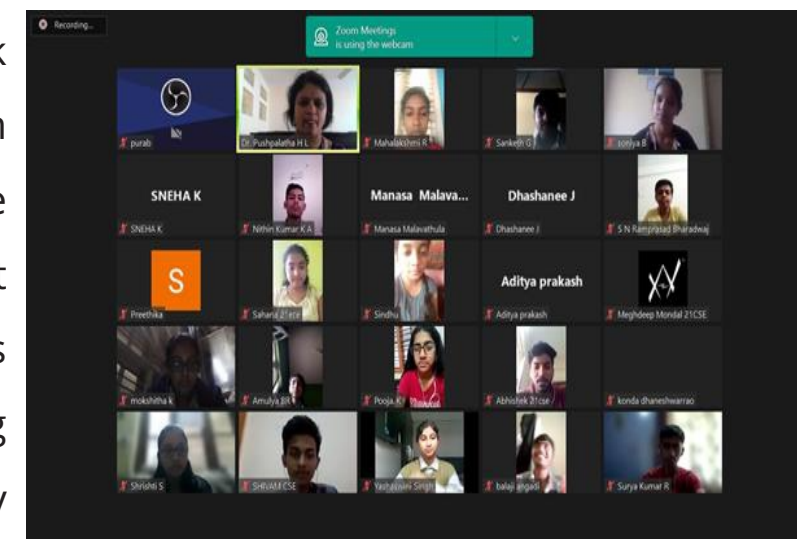
Valley, which offers ample job opportunities. Hence, it is essential to imbibe adapting and prosper in a changing working environment.

The speaker motivated the new joiners to believe in themselves and gain confidence in facing the unpredicted situations in the work environment. The speaker also educated the students about the necessity of possessing a positive mindset.

13. Universal Human Values

December - 20, 2021

Dr. Pushpalatha H L, HoD of Physics, took an online session on 'Universal human values' on 20th December 2021. The motive of the session was all about Introduction by the students. Students shared the place to which they belong (root), their educational and family background. Students also shared their aspirations in life and how they want to view their life down the line.



14. Sports for All

December - 21, 2021

Physical Education is an integral part of the education system to attain the holistic development of all students. Considering the concept of "SPORTS FOR ALL," the Department of Basic Sciences organized sports activities as a part of the Induction program of various events. The Physics cycle was on 21st December, and the Chemistry cycle was on 23rd December 2021. The following events are the inter-class sports tournaments for students:

- Cricket
- Volleyball
- Throw Ball
- Carrom
- Chess



INDUCTION PROGRAM FOR FIRST-YEAR STUDENTS – SERIES OF TALKS AND THE ACTIVITIES

15. Traffic Awareness

December - 22, 2021



We conducted a Traffic Awareness Program as a part of the First-year Induction Program on 22nd December 2021. **Mr. Sathish Kumar R**, Assistant Chief Warden, Zonal Incharge, KR Puram, Bangalore, presented this awareness program.

The speaker explained traffic signs and symbols and gave examples of traffic violations and the grave consequences one has to face. He discussed Do's and don'ts that to be followed on the road. It's our prime

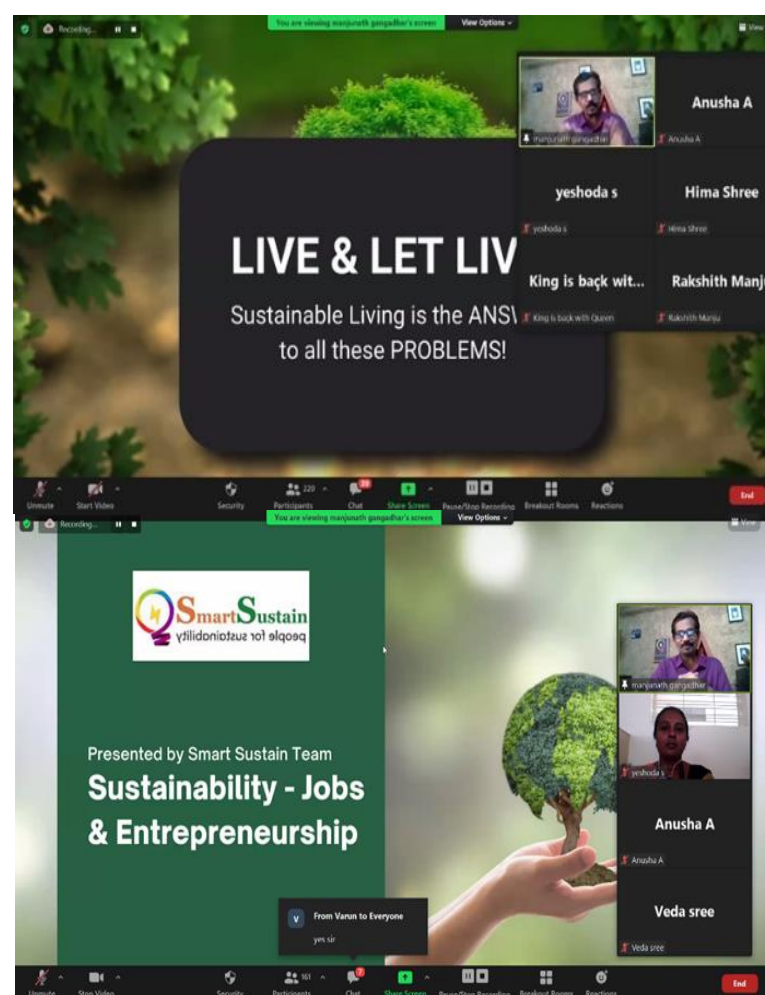
duty to abide by traffic rules to help in minimizing traffic congestion.

The speaker also explained the causes for accidents and educated all the students to follow traffic rules and lane discipline to minimize it. The session was interactive as the students asked their queries and received satisfactory responses from the speaker.

The session was a remarkable one.

17. Talk on 'Sustainability.'

December - 22, 2021



Mr. Manjunath Gangadhar, a media professional and Sustainability entrepreneur, talked about sustainability on 22nd December 2021. He is the founder of Smart Sustain, Bangalore, and works as a reporter and anchor.

In the rapidly changing scenario, irreparable damage to natural resources is consistently and increasingly done. We are in a situation where we are dependent on minerals extracted from the earth. In the intellectual run by man, he has become blind to foresee the pathetic scenario that

we are driving into the future. To create awareness and encourage the students, we arranged this session.

He encouraged students to practice sustainability right from home. As responsible citizens, it is well-appreciated to educate and encourage their friends and family to follow this path to allow mother earth to heal.

16. Research and Innovation

December - 22, 2021

A session on "Research and Innovation" was organized on 22nd December 2021 for the firstyear students to motivate and imbibe the research mindset among the young minds. The speakers are **Dr. Antony Piriya Kumar**, Dean R&D & **Dr. Cyril Prasanna Raj**- Department of Electronics and Communication Engineering.

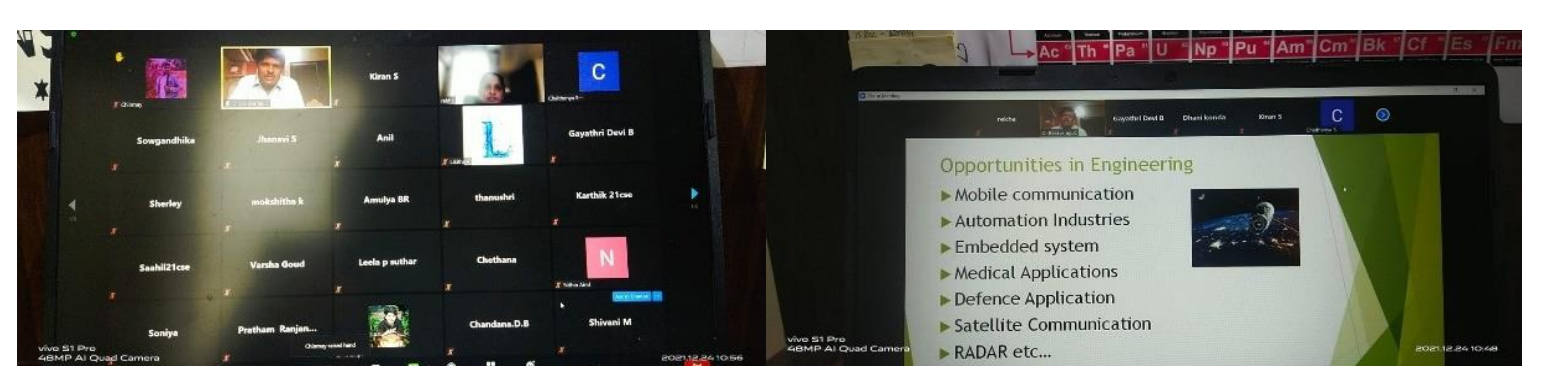
The speakers enlightened the young minds about the overwhelming progress in the field of Science and Technology. There is always a better scope to opt for Research as a career. The speakers who are experts in innovation briefed about patenting the ideas.

Also, as a youth in good spirits, the students need to look for an opportunity to utilize the apt idea, which is considered a pain point, and get into start-ups. In this regard, the speakers educated the students about possible opportunities to get into start-ups.

They also briefed about resources that offer to fund and incubate the ideas to transform into a firm establishment.

18. Talk on "Benefits of IEEE in Engineering."

December - 24, 2021



With the progress of transforming students into successful professionals, it becomes necessary to obtain membership of professional bodies to learn, interact, collaborate and innovate. One such professional body is IEEE (Institute of Electrical and Electronics Engineers).

Dr. Basavaraj, Professor, Department of Electronics and Communication, and IEEE branch counselor at Cambridge Institute of Technology, conducted this session on 24th December 2021.

He emphasized the students' active involvement in activities hosted by IEEE to better holistic personality transformation. He briefed about the benefits of IEEE to students and activities conducted at the Institute.

He encouraged students to practice sustainability right from home. As responsible citizens, it is well-appreciated to educate and encourage their friends and family to follow this path to allow mother earth to heal.

INDUCTION PROGRAM FOR FIRST-YEAR STUDENTS – SERIES OF TALKS AND THE ACTIVITIES

19. A talk on “How to clear Software Product companies Interviews?”

December - 24, 2021



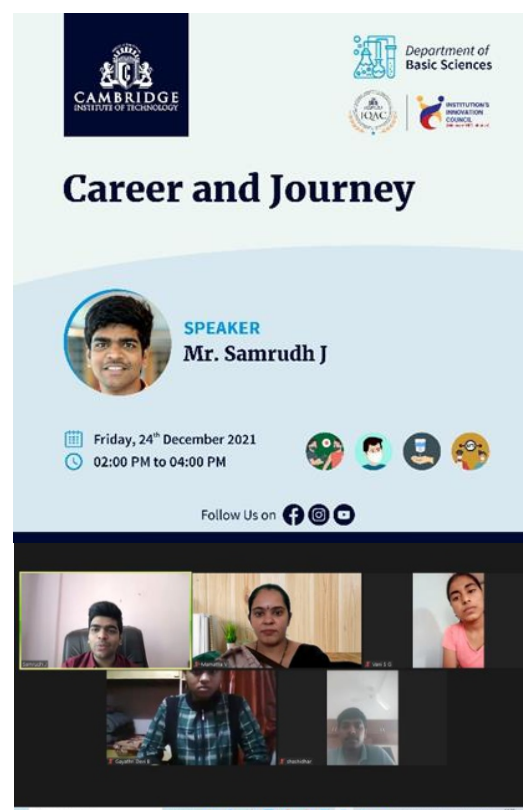
An exclusive session on 'How to clear software product companies' interviews?' for the benefit of the students on 24th December 2021. **Mr. Kushal Vijay**, a software engineer at Microsoft, and Youtuber opened up about his experience. The motive of the session was to motivate students to prepare to face the interviews at the end of B.E. He explained in detail the company's expectations in terms of technical skills. Hence, because of this,

students need to acquire additional technical knowledge that improves their communication skills. This skill sets an additional weightage in the selection process during an interview.

The session gave an overall view of the interview process. Session also creates an awareness of effective time management by the students in acquiring these skill sets from the first-year engineering.

20. A talk on “4 Golden years in Engineering.”

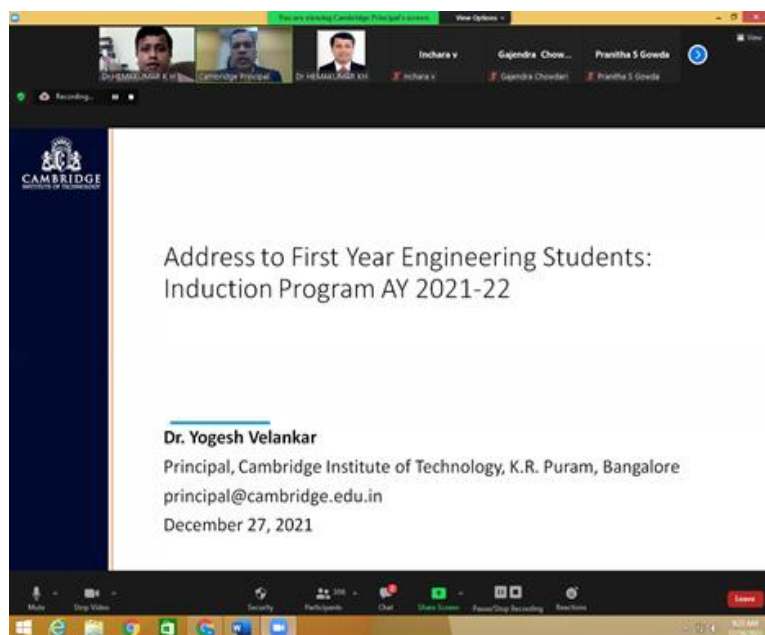
December - 24, 2021



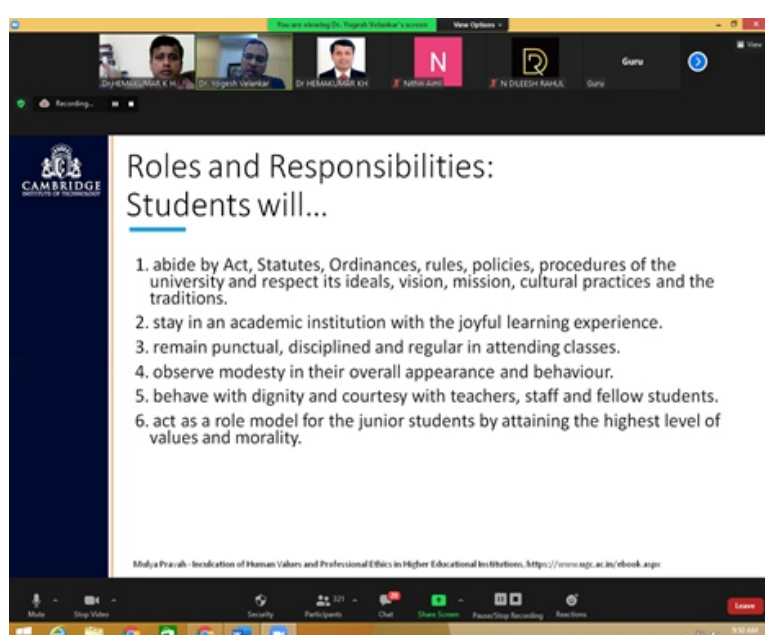
A session dedicated to time management is vital to a student. It was presented by **Mr. Samrudh J**, from Eightfold. AI. He is responsible for its India University Program on 24th December 2021. The speaker shared the value of time through various incidents. Which would guide and motivate the students to succeed in their chosen careers. The session gave a brief insight about how to become successful by proper time management.

21. Address to first-year engineering students, Roles, and responsibilities of students

December - 27, 2021



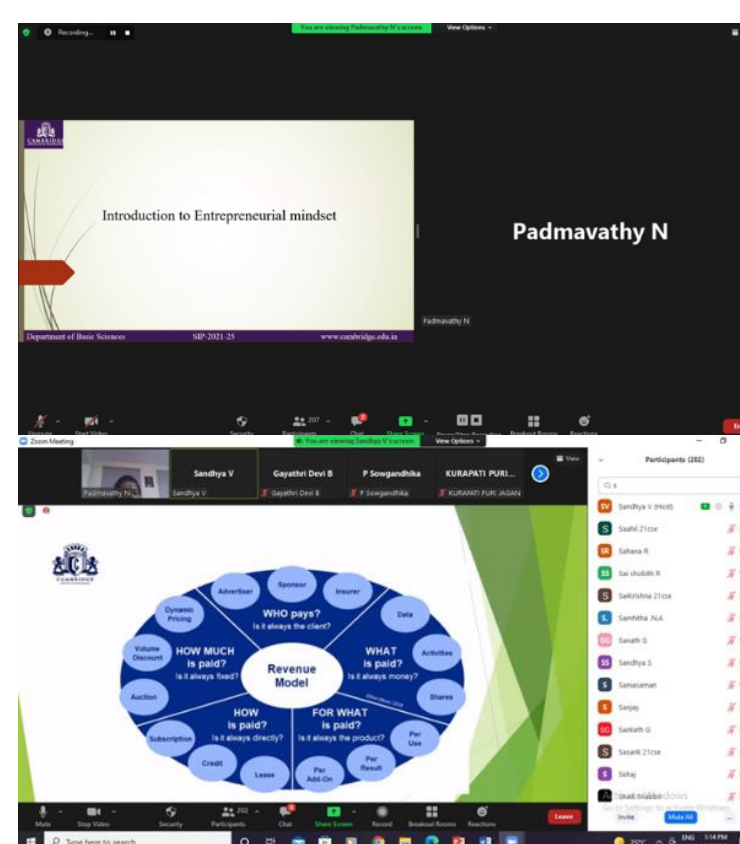
In the session to introduce the new joiners to norms and regulations of the institute, **Dr. Yogesh Velankar**, Principal, addressed the first-year students on 27th December 2021. Dr. Yogesh Velankar delivered an interactive session to students about their aspirations and successful attributes for the engineers of 2020.



Dr. Yogesh Velankar informed them to remain punctual and disciplined in attending the classes and observe modesty in their overall appearance and behavior. He also educated the students to be self-responsible concerning their careers. The session was interactive, and about 325 students attended the session.

22. Introduction to Entrepreneurial mindset

December - 27, 2021



Students often focus on getting a dream job. An opportunist looks for a chance to begin a business on a small scale and gradually expand it. Such Entrepreneurs are the contributors to the growing economy and are a source of inspiration to many others.

At present, there is a necessity to look at the option of becoming job givers rather than job seekers. A session was conducted on the topic “Introduction to Entrepreneurial mindset” as a part of the student Induction Program on 27th

December 2021 to give a glimpse of how to think and utilize the available opportunities to become an entrepreneur.

Prof. Padmavathy N, Assistant Professor at the Department of Chemistry, and **Prof. Sandhya V**, Assistant Professor at the Department of Physics, took the session forward.

The speakers educated the students about vast opportunities that directly into an enterprise. They also briefed various funding agencies, which source and incubate the start-ups. The session introduced another possible option that could be opted to become self-sustained job givers in the future.

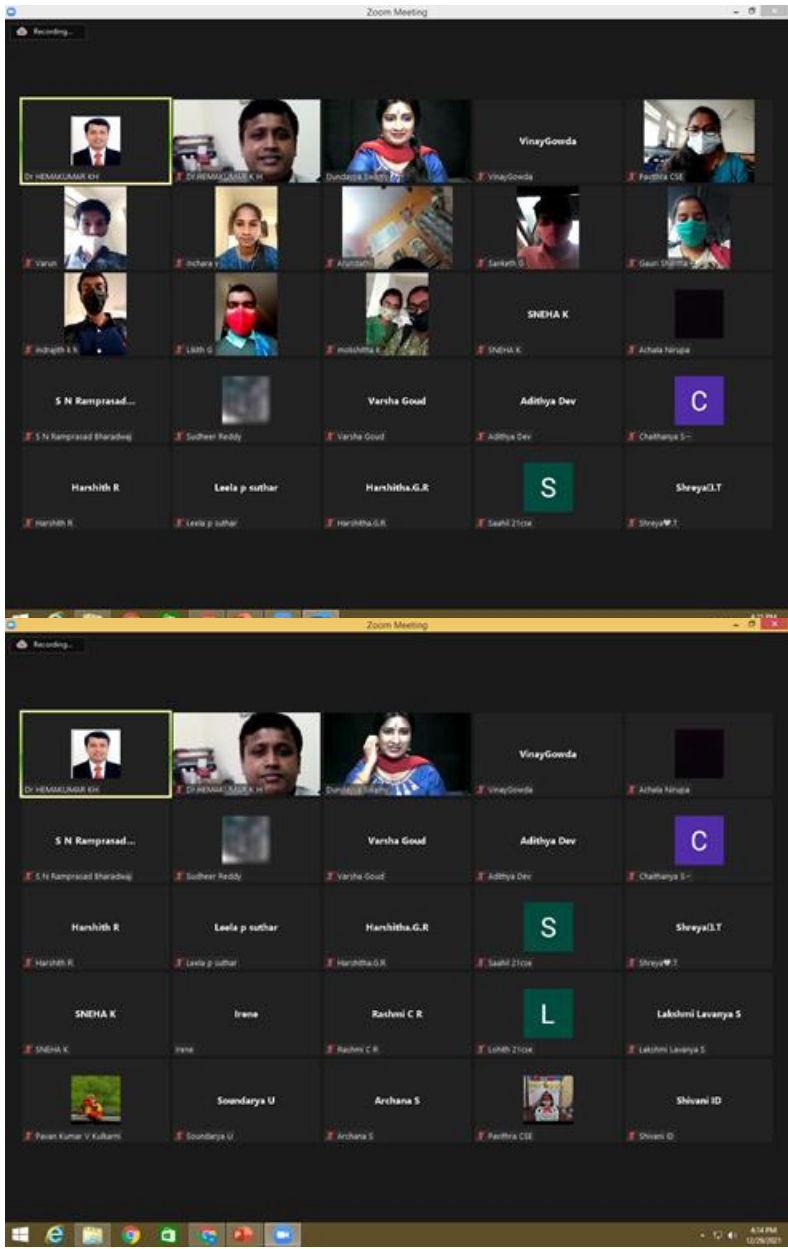
INDUCTION PROGRAM FOR FIRST-YEAR STUDENTS
– SERIES OF TALKS AND THE ACTIVITIES

23. A session on “Performing Arts and Science.”

December - 27, 2021

Time, it is necessary to re-introduce our rich cultural and traditional values to young students to uphold and transfer them to future generations. In this regard, a talk on “Performing Arts and Science” to the first-year students on 27th December 2021 as a part of the Student Induction Program.

The resource person delivered an interactive session about the science of dance forms, aspects of dance performance, particularly about Bharatanatyam. She also focused on dance, yoga, mudras for health and their benefits. She involved her dance and vocal students in the session. About 245 students were present.



24. Aeroplane modeling is done by first-year students

December - 28, 2021

The objective of the Student Induction Program is to conduct student-centric activities and familiarize the students with the institute and peer group. In this regard, an airplane model building activity for all the first-year students on 28th December 2021, through Lion's Club.



We informed students to carry stationery items handy to build the model. The trainers assisted students from all the sections and helped design an airplane model. The students worked in groups, and the session was a fun-learn activity for all the students.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Basics of Ai & ML - Insync Activity

December - 1, 2021

The Department of CSE scheduled a webinar on 1st December 2021 for 3rd sem CSE students. **Dr. Shashikumar**, Head of the Department of Computer Science, welcomed the gathering. The session started with the introduction of Data Mining and its importance in decision support systems.

The highlight discussion in this session was Practical applications in the field and their transition to machine learning. The session also covered the basics of machine learning, giving a broad idea of

the different types of problems powered by AI and ML. The speaker also thought about implementing solutions to these problems using practical machine learning algorithms. The students were presented with specific use-cases and were asked to identify the type of learning problem and discuss the use-cases. The talk was well accepted and appreciated by the students.

Basics of NS2 Tools

December - 1, 2021

The Department of CSE scheduled a webinar on 1st December 2021 for 5th sem students. The Coordinators of the CSE department welcomed the gathering. The session started with introducing simulation, network simulators, and installing NS-2. The session was continued by giving details on the types of files used in NS-2 and descriptions of the fields. The speakers also gave an idea about setting up a simulation of three-node point-to-point topology and finding dropped packets. The session ended by introducing NSG (a script generator tool for NS-2), installing

NSG, and setting up three-node topologies using NSG. On the whole, the program went well, and students appreciated it.

The number of participants in the 3rd semester CSE is 158 and from the 5th semester is 120. Event In-charge for 3rd and 5th semesters are **Prof. Varalatchomy & Prof. Geetha P** and **Prof. Shilpa V**, respectively. Coordinators of the 3rd and 5th semesters are **Prof. Vasantha & Prof. Shilpa V** and **Prof. Sharon** and **Prof. Ganga**, respectively.



Webinar For First Semester on 'Data Mining Applications' – Insync Activity

December - 1, 2021

The Department of CSE scheduled a webinar on 1st December 2021 for 3rd sem CSE students. **Dr. Shashikumar**, Head of the Department of Computer Science, welcomed the gathering. The session started with the introduction of Data Mining and its importance in decision support systems. The highlight discussion in this session was Practical applications in the field and their transition to machine learning.

The session covered the basics of machine learning, giving a broad idea of the different types of problems powered by AI and ML. The speaker also thought about implementing solutions to these problems using practical machine learning algorithms.

The students were presented with specific use-cases and were asked to identify the type of learning problem and discuss the use-cases. The talk was well accepted and appreciated by the students. The no. of participants are 45. The event organizers are **Prof. Varalatchomy, Prof. Geetha P** and the Coordinators are Prof. Geetha P.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop on FPGA Programming

December -30, 2021

The Department of ECE organized a two-day workshop on FPGA Programming on the 30th and 31st of December 2021. This workshop objective was on topics FPGA and Java Programming to provide an opportunity for the students to be updated with novelties in the modern scientific field to enhance their research activities.

The event started with a welcome and opening address by Dr.Indumathi.G, HOD –ECE department. **Dr. Cyril Prasanna Raj. P**, Department of ECE, gave the opening address followed by a

technical talk. He discussed the basic concepts and evolution of FPGA.

The technical talk led to the hands-on training on "FPGA programming" held at VLSI laboratory, Department of ECE, Cambridge Institute of Technology. More than 65 students from 5th semester ECE benefited from this workshop. The lectures and hands-on training were interactive with lively participation by the attendees.

Workshop on Java Programming

December -14, 2021

The Department of ECE organized a two-day workshop on Java Programming on the 30th and 31st of December 2021 for the 5th sem students of ECE. This workshop provides an opportunity for students to enrich their knowledge in the area of Object-Oriented Programming using JAVA Language. It also helps the students with a vibrant opening during the recruitment phase to enhance their programming skills. This workshop is based on hands-on exercises. It also helps to focus on developing Programming and Logical skills.

Prof.Tejaswini from the ECE department

was the speaker of this workshop.

Students learned to write, compile and execute Java programs, build robust applications using Java's object-oriented features. This workshop is beneficial in the reference of placement of students. A total of 50 students have participated in this workshop.

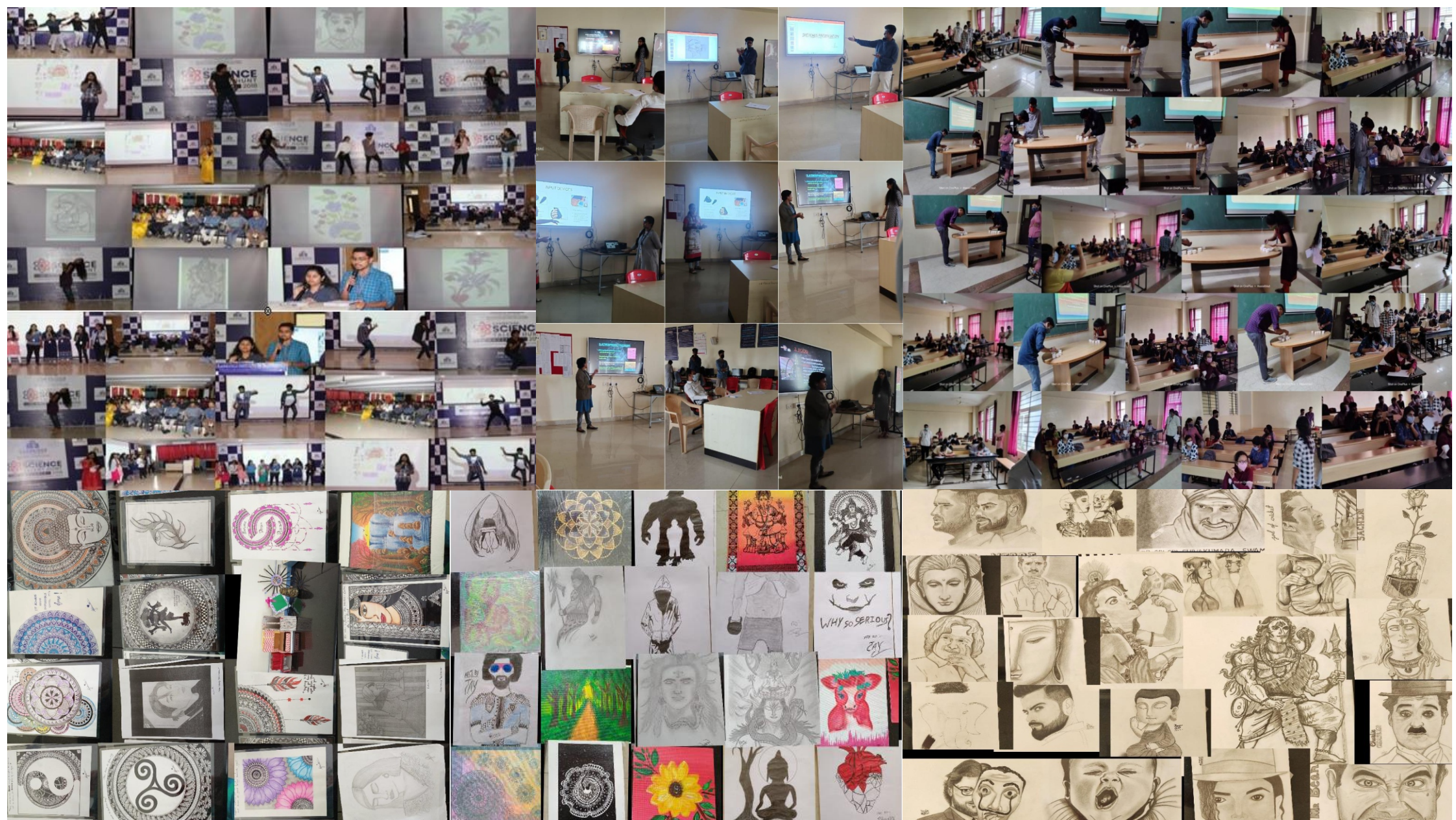
Shannon Forum activities

December -23, 2021

On 23rd December 2021, the Department of ECE organized an art exhibition for the students of ECE. The art exhibition is at the second floor-Power Electronics lab who has witnessed long paintings which beautifully crafted the history and culture of the Indian states.

The students had made various sketches with coloured pencils and watercolours by depicting the environment posters which showed Indian culture. The theme is about science, where students had to draw pencil sketches and diagrams to present information about nature and its processes.

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DECEMBER, 2022

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING TOUR OF THE DEPARTMENT

December - 21, 2021

Department of Electrical & Electronics Engineering organized as a part of bridge course on

“Tour to the department” on 21st Dec 2021 for students of 1st semester. The total number of participants was 37.

The resource persons were **Prof. Aruna, Prof. VK Gupta, Prof. KG Nagaraja, Prof Archana K, Prof. Shivamurthy K.P.**, Assistant Professors, Department of EEE, Cambridge Institute of Technology, K R Puram, Bengaluru.

The session started at 9 A.M. with a brief introduction about the Vision and Mission of the institute and dept, faculty and staff, the scope of the Electrical dept., course details, Electrical/Job / Entrepreneur opportunities, departmental activity, department forum, its activity, Industry Institute interaction, student support system, i.e., Mentoring / Slow learners / Bright learners, Placements / Higher education. The speakers gave the basic understanding of various labs like

Microcontroller, DC Machines & AC Machines, Power Electronics, High Voltage, Basic Electrical, etc., and their importance on emerging technologies.

Dr. Shankar explained about the Entrepreneurship Development Cell. In addition, he talked about the importance of innovation and being an entrepreneur in technical colleges, various skills required to be a good leader, and at last enlightened on the various funding agencies. The students acquired

knowledge of emerging technologies in electrical and electronics engineering workshop.



DEPARTMENT OF CIVIL ENGINEERING

Webinar on “Beyond Horizon – Expanding the understanding of CRIP sector and Its potential.”



December - 9, 2021

The Department of Civil organized a webinar to create awareness and better understand the potential of Construction, Real estate, Infrastructure, and Project management. **Dr. Rajesh Goyal**, Professor and Dean of National Institute of Construction Management and Research (NICMAR) Delhi NCR campus at Bahadurgarh, and

Dr. Sachin Batra, Associate Professor at National Institute of Construction Management and Research (NICMAR) Delhi NCR campus at Bahadurgarh, presented a webinar on the CRIP sector in detail. Dr. Sachin Batra explained the requirement of human resources in construction, the construction industry's role in the nation's GDP, and potential.

He showed the statistics of the role of the construction industry in any country for its development. Dr. Rajesh Goyal gave in-depth knowledge of project management requirements in civil engineering and the different profiles the students can opt for after graduation. Need of infrastructure development in any country. At the end of the session, a Q&A session was held with Dr. Rajesh Goyal and Dr. Sachin Batra. They answered the questions/queries posed by the students and faculty members. The total No. of participants is 62.

Quiz Competition On “EarthWise Pollution Control”



December - 9, 2021

The Civil Engineering Department held a quiz competition on 9th December 2021 from 2:30

PM to 4:30 PM. The main aim of the quiz competition was to create awareness on pollution control among the students and encourage them to know about their living environment and the various global environmental issues. The quiz competition consisted of 5 rounds, and screening was done based on the correct answers and time taken by the

participants in each round of the game. The rounds included global environmental issues like environmental pollution, global warming, acid rains, ozone layer depletion, etc. The No. of participants is 30.

Round 1: Multiple Choice Questions

Round 2: Image round

Round 3: Video round

Round 4: Pick and speak

Round 5: Debate round



DEPARTMENT OF CIVIL ENGINEERING

Three Day Workshop on Entrepreneurial skill development



December -7, 2021

Prof. Nagendra N, Assistant Professor & IIC Innovation Ambassador at Department of Civil

Engineering, Cambridge Institute of Technology, addressed all the Entrepreneurial skills of the students on 7th, 8th, 9th December 2021. He refurbished the details of MHRD, MOE,

IIC, IA and created awareness of the workshop.

Entrepreneurial skills are the need of the hour. Being an individual and making calculative decisions is a quality to be presented either in an employee or employer. The students need to be educated on Problem identification, Design Thinking, Innovation in problem-solving, Business plan, Self-evaluation and retrospection, and Support systems available on the campus by regulatory bodies, government schemes.

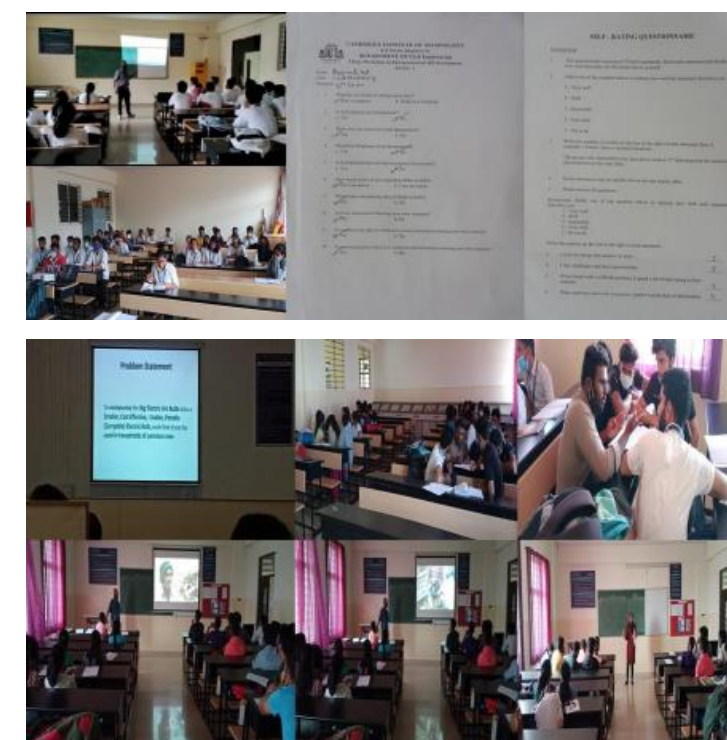
The students were asked to take part in a quiz to understand their knowledge on the importance of Entrepreneurial skill requirements. The students were enumerated on the Global work

scenarios and Intrapreneurial qualities one should possess.

A self-rating questionnaire containing about 70 questions was given to the students to understand their present entrepreneurial mindset and examples like to improve their intrapreneurial personality. The students watched inspirational videos of startups following innovative approaches in providing sustainable solutions.

Students are grouped to similar interests to conduct activities such as identifying their customers, identifying a pain point, and proposing a unique solution. Student groups were identified as companies and allowed to brainstorm on their ideas. The session was about various schemes like

Yukti2.0, Kapila, MSME, NABARD, SIDBI, PMEGP, DIC, and more. The total No. of participants is 109.



DEPARTMENT OF AI & ML STUDENT INDUCTION PROGRAM

December -21, 2021

The Department of Artificial Intelligence and Machine Learning conducted a one-day induction program for the UG students on 21st December 2021.

Dr.D. Antony Louis Piriyakumar, Head of the Department of AI & ML, welcomed the gatherings. **Mr.Nithin Mohan**, CEO, CIT, joined the occasion and graced with his impassioned speech. The participants of the programmer were first-year AI & ML students. Its purpose is to make the students feel comfortable in their new environment and bond with their classmates and faculty. It also helps create awareness, understanding of the self and society. The following are the activities under the induction program.

- **Dr. D.Antony Louis Piriyakumar** introduced the students to the department. That follows with placement statistics and the future of AI.

- **Dr.JharnaMajumdar** delivered about "Applications of advanced video processing."
- **Prof.R.Geetha** discussed the department course objective and outcomes.
- **Prof.Kusuma N** addressed academics, VTU rules, and dress code.

The Event In-Charge is **Dr.D.Antony Louis Piriyakumar**. The Coordinators are **Prof. R. Geetha and Prof.Kusuma N**.



DECEMBER, 2022

DEPARTMENT OF MCA

Web Development in WordPress



December - 24, 2021

The Department of MCA organized a workshop on web development for MCA students on the 24th of Dec 2021. The workshop session enlightened the students about web development tools and web services. The speaker for the day was **Mr. Kishore K**, Software Engineer, Canary's, Bangalore.

The students were given hands-on training on how to create websites using WordPress. They also learned that Word Press provides a development platform to individuals, companies, and governments on a metered pay-as-you-go basis.

It also included designing and customization of word-press themes for a start-up. Also, it consists of a well-documented package of responsive layout framework and in-depth analysis, and real-time working on the search engine optimization to optimize blog. The Number of Participants is 60 students from III and V semesters from Dept. of MCA.



Constitution Day

December - 26, 2021

Constitution Day, also known as 'Samvidhan Divas', is celebrated in the Department of MCA on 26 November 2021. This day is to commemorate the adoption of the constitution of India. On 26 November 1949, the Constituent Assembly of India adopted the Constitution of India, which came into effect on 26 January 1950.

As a part of the celebrations, the Department planned innovative activities to highlight and reiterate the values and principles enshrined in the constitution. An essential part of the celebrations was

reading the Preamble and reaffirming our commitment to upholding it. Students and teachers read the Preamble at 11 am on 26 November 2021 in the classroom.

Prof. Sunil Kumar K N, Dept. of MCA, shared a PowerPoint presentation to explain citizens' enduring and invaluable rights & duties as envisioned by our founding fathers. The day served as a reminder to live by and promote these timeless values in our communities.

Walking through various connectivity methodologies.



Two Day Hands-on Session on IoT

December - 1, 2021

The speaker was **Mr. Mallikarjun**, R&d Dept, Advanced Electronic Systems., Bangalore. The seminar is for the faculty and students from 30th Nov and 1st Dec 2021.

The workshop has specific objectives:

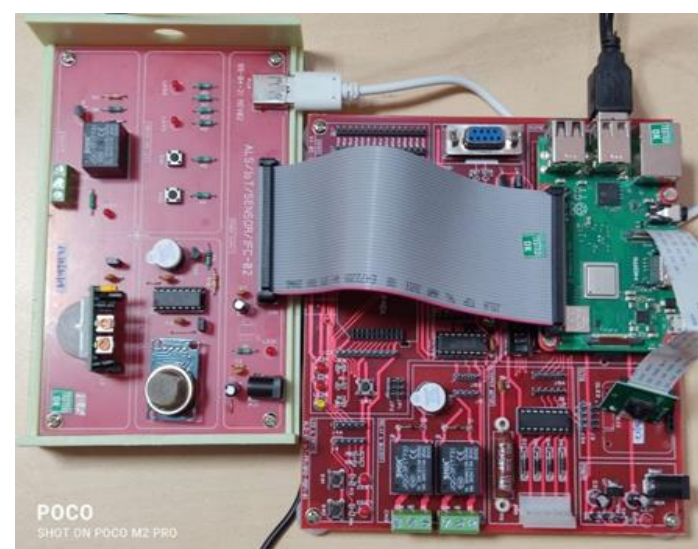
- Provide an introduction to the Internet of Things (IoT)
- Exposure to various sub-fields and technology stacks of IoT
- Enable students to convert their IoT product idea into a working prototype
- Provide thorough working knowledge of the Raspberry Pi Platform and Sensor Board.

Internet of Things (IoT) is a new revolution of the Internet and a hot technology worldwide. The government, academia, and industry are involved in different aspects. The domains include agriculture, space, healthcare, manufacturing, construction, water, and mining. These are presently transitioning their legacy infrastructure to support IoT. A device that becomes an intelligent device is called IoT.

WORKSHOP BENEFITS:

- Provided kits for students to work.
- Students worked in groups of 3, each student getting an opportunity to work hands-on.
- Understanding the skill set required in Sensor Board and Raspberry Pi.
- Understanding IoT components
- IoT related protocols
- Wireless technologies used in IoT enabled systems
- Explanation on the IoT domain relates to Hardware, Sensors, and connectivity protocols.

Walking through various connectivity methodologies.



END OF DECEMBER MONTH REPORT