

Volume 9

Issue 1



**Best Moments,
We Cherish.**

January 2023

**Cambridge
Times**



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Volume 9 | January 2023



Issue 1

BEST MOMENTS,
WE CHERISH.

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“SEEDBRAINS 2.0” INNOVATION AWARDS’23



Cambridge Institute of Technology (CIT) is in the forefront among providers of quality engineering education in Karnataka and leaders in transforming more than 15000 lives since its inception. CIT augments quality in students through its evolving state of the art infrastructure, skill enhancement programmes, tie-ups with industry for incubation and projects, training and placements, research and development. CIT fosters a community to learn, to motivate, and to support our clients, partners, stakeholders and society, globally and locally, to realize their dreams and ambitions for a better world. Meeting the fast pace of global change, CIT is accelerating the transformation within the institution to make a better world expanding its academics to meet social change.

Cambrian House Of Student Startup (CHOSS) is set up to promote innovation and entrepreneurship by converting and translating technology ideas and innovation in various disciplines of science and engineering into products, processes and services for commercial exploitation and the benefit of society. To accomplish its goal, CHOSS an entity of Cambrian Consultancy Centre and Industrial Research (CCCIR) runs and manages incubation and student startup process at Cambridge Institute of Technology (CIT), Bangalore.

“SEEDBRAINS 2.0” INNOVATION AWARDS’23



In accordance with the mission, the CEO of Cambridge Institute of Technology, Mr. Nithin Mohan has recently hosted the Innovation Awards 2023, titled “SEEDBRAINS 2.0”. The main objective of the SEEDBRAINS 2.0 event was to motivate students to SEED their IDEAS and INNOVATIONS. This event served as a platform for young minds to exhibit their innovative ideas and solutions for real life problems, for a better and sustainable future. It’s a unique approach that has inspired young engineers to think globally. Involvement of eminent scientists, academicians and industry leaders across the globe as jury members has elevated the standards of innovation design contest. The main purpose of the event was, to recognize and award innovations that are in alignment with Sustainable Development Goals 2030. With involvement of student volunteers and organizing committee coordinators from CIT a rigorous promotion was taken up by branding “SEEDBRAINS 2.0” through college visits, social media and emails. The theme and thrust areas in alignment to Sustainable Development Goals were the major emphasis in the “SEEDBRAINS” event. Innovative ideas with interdisciplinary approach was encouraged for submission. SEEDBRAINS 2.0 was well received by the student community and was a highly successful event. We had received around 450 ideas from various colleges in Karnataka, Tamilnadu, Telengana, Kerala, Maharashtra and Andhra Pradesh.

“SEEDBRAINS 2.0” INNOVATION AWARDS’23



Several professors were impressed by the competition and had come forward to submit their ideas. Students from SRM Institute of Science and Technology, Sahrdaya College of Engineering and Technology, Sethu Institute of Technology, BSA Crescent institute of science and technology, CMRIT, Loyola ICAM College of Engineering and Technology, The Oxford College of Engineering, KLS Gogte Institute of Technology, BNMIT, BMSIT, BGMIT, Kakatiya Institute of Technology and Science, Achariya College Of Engineering And Technology, St Joseph Engineering College, Saveetha School Of Engineering, Sri Sairam College of Engineering, Reva University, Mount Carmel College, Sri Venkateswara college, Sapthagiri college of Engineering, and Cambridge Institute of Technology had actively participated

One of the main objectives of the event was to carryout a highly transparent and fool proof evaluations in all stages of selections. The selection process was planned to be carried out in 2 phases. More than 30 National and International Jury members were involved in evaluation process. In Phase I, the quality of the idea and its practical applicability had to be evaluated. Since the ideas were pertaining to various sectors and SDGs, three experts were identified for each sector and a team of experts were formed. Few experts were volunteering to evaluate the ideas from multiple sectors. Basically, each project idea was evaluated by three experts. Ideas were evaluated based on Innovativeness, customer pain point addressed and scope for commercialization. Top 100 ideas were shortlisted for First Round of Selections. Post first round selections several rounds of mentoring sessions were conducted for all participants to enable them to convert their ideas to business models and to develop a Minimum Viable Product. Innovation in the context of market demand, customer requirement, societal implication and cost was highlighted in the mentoring session. Final selections was carried out on 24th Jan and 25 teams were shortlisted for Incubation under Cambridge Institute of Technology and top 10 teams were finalized out of which top 3 winners received the cash prizes.

“SEEDBRAINS 2.0” INNOVATION AWARDS’23



First prize was bagged by the 3rd semester students of Electronics and Telecommunication Engineering department, BMS Institute of Technology Second prize was bagged by the 5th semester students of Information Science and Engineering department, Cambridge Institute of Technology Third prize was bagged by the 7th semester students of Computer Science and Engineering department, REVA university.

Marathon for a cause—# Corruption Free Clean KR Puram 2023.



Hydration and first aid kits are available at every one kilometer of the Marathon path. Ambulance was provided as part of precautionary measures. Cash prizes were awarded to the winners. Rs 10,000 was awarded for first prize; Rs 8,000 for second prize and Rs 5,000 for third prize. The cash prize was the same for both men and women category. Post marathon, participants assembled at Dr Ambedkar ITI Ground for flag hoisting followed by refreshments



Marathon for a cause—# Corruption Free Clean KR Puram 2023.



It's an invigorating feeling to see people across ages and section participating in the KR Puram Marathon 2023 especially for a cause—#Corruption Free Clean K R Puram. Seeing youngsters mainly students from Cambridge Group of Institutions conjuring their strength to take part in 5k and 8k Marathon was exhilarating. Actress Harshika Pooncha was the chief guest. Over 2,000 students, faculty members and parents gathered at the Cambridge Institute of Technology (CIT) premises to participate in the Marathon. T-shirts were distributed to the registered participants. The students and teachers were taken to the venue through the shuttle bus. Warm-up and Zumba was held before the commencement of the Marathon. Massive crowd assembled to take part in this Marathon.

On 26th January at 6 am CGI Chairman D K Mohan flagged off 8k runners and at 6.30 am he flagged off 5k runners. Speaking at the event, D K Mohan highlighted the development work in the K R Puram has not progressed over the years. Repeated pleas to the government have fallen into the deaf ears. "K R Puram is just 15 kms from Vidhana Soudha. Despite this no progress has been made because of corruption," he said. He added that 7,500 people registered and "we were expecting at least 50% of them. All the necessary arrangements were made accordingly. Besides registered users, more people turned up to participate in the Marathon. This indicates that people are aware about the problems plaguing K R Puram and they want respite from it," he added.

Vivekananda Jayanti-National youth Day Celebration



Cambridge Institute of Technology organised Vivekananda Jayanti-National Youth Day celebration on January 12. Prof. Karunakar Rai B, Member, Executive Council, VTU was the chief guest. Dr Ravishankar, NSS coordinator, Department of Basic sciences, Prof Raghunath Reddy, ECE department were the chief coordinators. Prem Kumar M 5th sem (ECE) is the student coordinator. The program was attended by 250+ students and faculty members. Dr Indumathi G, Principal, CIT, Dr Ravishankar, NSS coordinator, HoD's, faculty members and students of CSE,ISE,ECE,EEE,AI/ML,Mechanical and Civil department participated in this event. The purpose of this session was to introduce students to Swami Vivekananda's work, understand the importance of National Youth Day, and the challenges faced by the youth today. The session commenced with Prof Lokesh AM welcoming the gathering followed by an NSS pledge delivered by Mr Pavan Kumar, ECE department. Dr Indhumathi G and Prof Karunakar Rai B rendered floral tribute to Swami Vivekananda.

Mr Cyril Martin, student ISE department enthralled the audience with a mesmerizing flute performance including theme song from Kantara movie. Dr Ravishankar, NSS coordinator presented a detailed report on NSS activity organized at CIT campus. Students participated in various events like debate, sketching and essay writing competitions. The chief guest provided valuable insight into how the youth in today's world can lead a fulfilling life by following Swami Vivekananda's thoughts. He guided students in inculcating good habits to become calm and happy in everyday life. He also gave valuable information about Swami Vivekananda and how his thoughts are useful for the youth. The program came to an end by prize distribution for the winners.

The winners are:

Debate winner: Prithviraj (ISE dept) 1st sem

Debate title: What determines success: Skill or Will



Sketching winners: Pirupaksha 5 th sem(ECE)

Sketching Theme: Picture of Swami Vivekananda, Ramakrishna Paramahansa, Saradha Devi, Bharath Matha

Essay winners: 1 st Price Manasa S (ISE) 1st sem

Essay writing Theme: The roles and responsibilities of youth in building the nation in today's era

2nd price Lakshmi Prasana R(ISE) 1st sem

Guest Lecture on NEP and Academics



Cambridge Institute of Technology organized an event 'Guest Lecture on NEP and Academics' for all the faculty members to get knowledge about the NEP Scheme on January 9. Dr Indumathi G, Principal, CIT, HODs of the entire Department and 50 faculty members attended the lecture.

The speaker Dr Venkatesh Raikar, clearly explained about the need of NEP scheme and its features. The speaker explained about skills that are required by the faculties in an institution to implement the NEP scheme.

The faculty members got a clear knowledge about various features of NEP like attracting the quality student, flexibility in curriculum, Multi disciplinary, Interdisciplinary, Internationalisation of Higher Education, about ABC (Academic Bank of Credit), multi-entry and multi-exit scheme, about Indian culture, encouraging regional languages, regarding skill availability and collaboration.

At the end of the session the speaker answered the questions and cleared the doubts of faculties. The session was very helpful in getting the knowledge about NEP. Dr Indumathi G congratulated the speaker with the token of gratitude for sharing the enormous knowledge about NEP to faculties.



“Soil Day” -Better Soil, Better Life

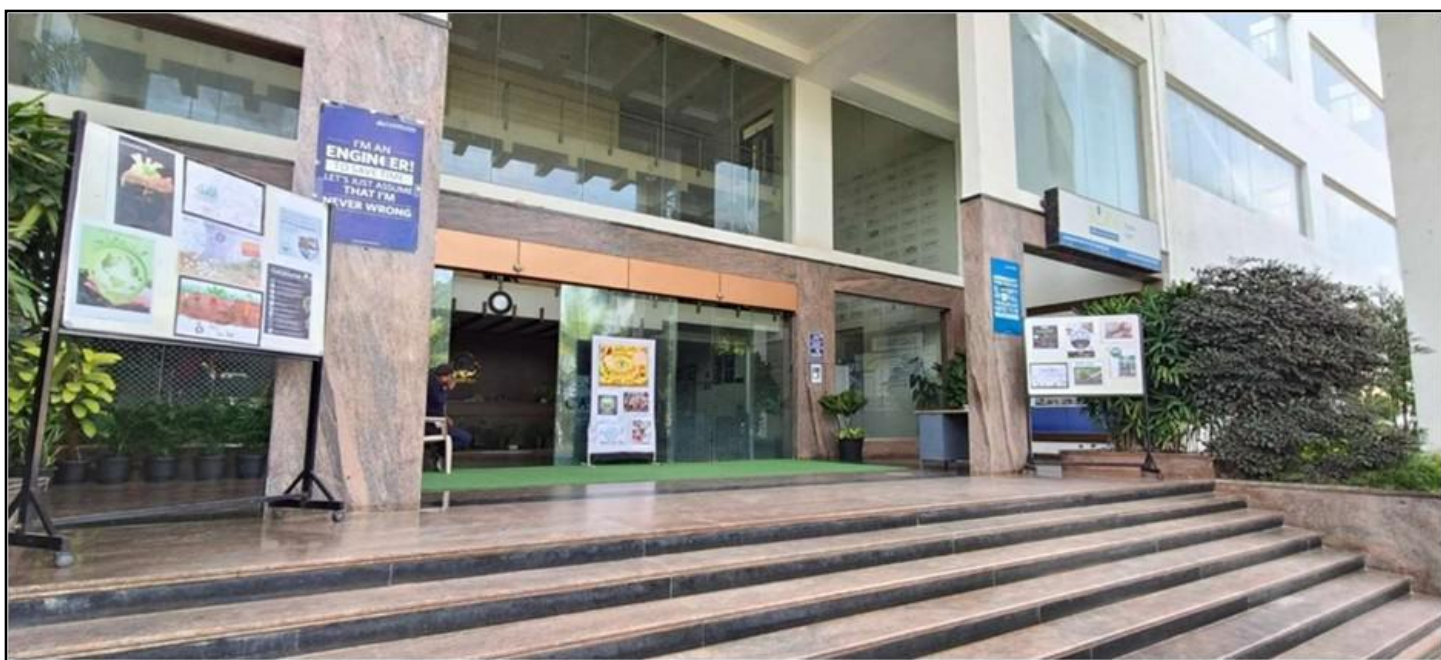


To create awareness about the importance of soil and measures to conserve it **Cambridge Institute of Technology** observed ‘Soil Day’ on January 3. The different branches at CIT—Civil, Mechanical and AI ML enlightened the students about various aspects of soil as part of their NSS activity. Healthy soil is the world’s lifeline, provides a steady food supply, maintains clean water, increases biodiversity and helps mitigate climate change. Sustainable soil and land management are essential for supporting soil functions and their vital ecosystem services, including food supply, water purification, nutrient cycling, and carbon storage and for biodiversity.





Principal Dr G Indumathi , Dr Antony Louis Piriya-kumar Dean R&D and HOD of AI ML dept; Dr Shankar HOD of CIVIL dept and Assistant Professors from various departments and NSS program co-ordinator Dr Ravi Shankar took part in the event. Dr. G Indumathi presented her views regarding the importance of soil Conservation. Dr Ravi Shankar talked about the NSS activities conducted in CIT and about the increasing number of volunteers to conduct these events. The event was concluded by presenting a token of appreciation to the staff and guests.



Importance of NIRF ranking for Institution

Deepesh Divakaran, Founder and CEO, QPIC Solutions was invited to talk on 'Importance of NIRF ranking of Institution on Jan 11, 2023. He addressed our faculty members on the imparting quantity in the education system. Deepesh emphasized on the role of faculty members in being proactive in the research arena. His session was very informative to get better NIRF rankings for the institute.



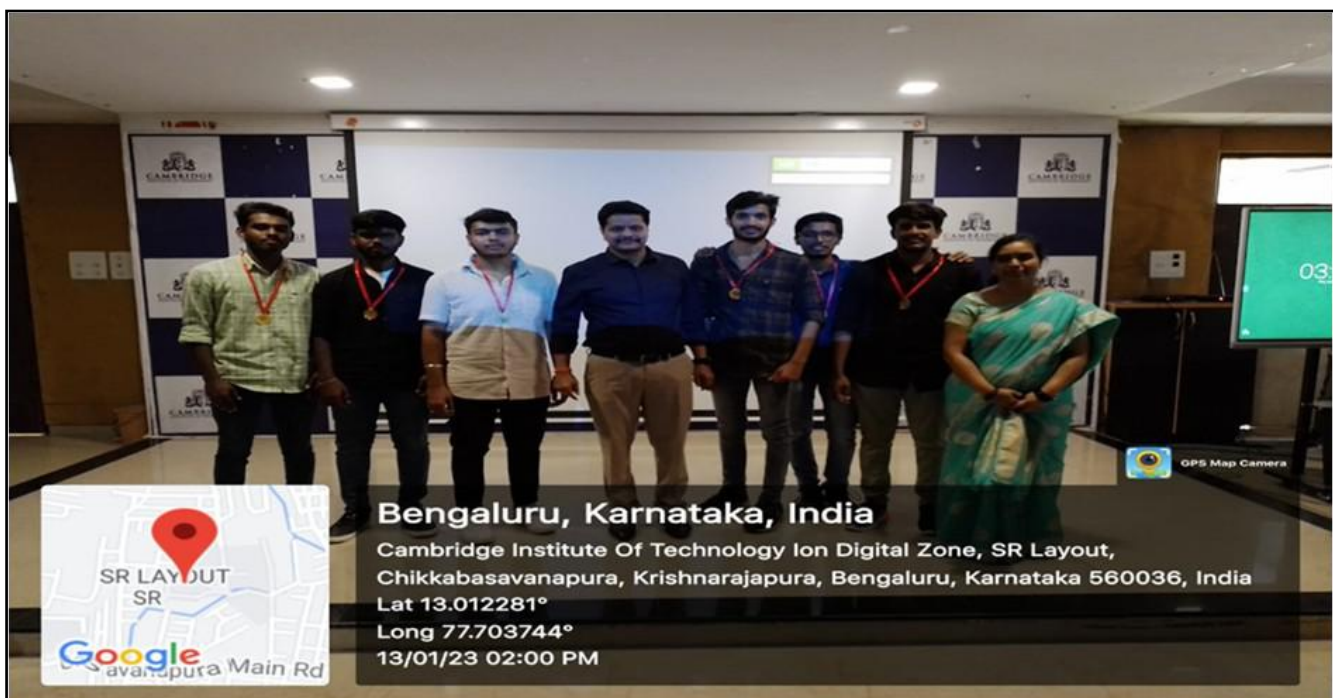
Fresher's Day'



One of the most unforgettable days in student life is their first day of the college. It is a beginning of a new chapter, a new phase in one's life. Department of Civil, ECE, ISE and AI ML of **Cambridge Institute of Technology** organized 'Fresher's Day' for 3rd semester students on Jan 2, Jan 11, and Jan 13. All the departments came out with innovative games to make students comfortable in the new environment. Freshers along with their seniors got chance to showcase their talent by a stunning ramp walk and dance performances like solo, duo, group dances. Later small games were organized to make the function more intriguing and fun!



Fresher's Day'



Department of AI and ML

Developing and managing efficient garbage disposal system



Bengaluru, once named as ‘Garden City’, is now branded as ‘Garbage City’ much to the agony of Bangaloreans who once enjoyed the clean air and picturesque sight. Multinational companies proliferated in the early 90s throwing Bengaluru out of gear leading to rapid and unplanned urbanization. This has given rise to high density population, flooding, and inadequate waste infrastructure among others. Lack of awareness among public and laziness has attributed to the disposable of garbage everywhere—roads, empty sites, corner areas, lakes which have given rise to respiratory problems, contamination and vector borne diseases. So, educational institutions are taking several steps to create awareness among students from the grass root level to understand the importance of scientific disposal of waste. In one such initiative, AI ML department of **Cambridge Institute of Technology** under ‘**Swachh Bharat Abhiyan**’ conducted an AICTE student activity on January 6.





The objective of the activity includes exposed to real time life challenges, provide an opportunity to gather data, analyze data, propose solutions and implement solutions, enhance personal development skills, to create engineers who are proud volunteers having a sense of achievement and ready to take up projects having social impact and create digital awareness.

Expert talk on ‘Machine Learning and its Real-time Applications’

The department of AI&ML, **Cambridge Institute of Technology** had arranged an expert talk on ‘Machine Learning and its Real-time Applications’ on 13th January for 3rd and 5th semester students. Farhana Kausar Assistant Professor-CSE Atria Institute of Technology was the key note speaker. The session started with an introduction of the speaker. 50 people attended the lecture. The entire event was organised by Prof Rajani K C. The objective of the session was to give insights to the students on the Concepts of Machine Learning, Algorithms for Machine Learning, Tools and Real time applications of ML.

Outcomes:

1. Became familiar with concepts of Artificial Intelligence and Machine Learning.
2. Understood the concepts Artificial Intelligence learning algorithms.
3. Mathematics for Machine Learning.



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Department of
Artificial Intelligence and
Machine Learning Engg




A Technical Talk on

Machine Learning and its Real Time Applications

RESOURCE PERSON
Farhana Kausar
Dept. of CSE, Atria Institute of Technology, Bangalore

Topics

- Introduction to AI & ML
- Introduction about machine learning, Types of Learning algorithms
- Mathematics for Machine Learning
- ML Applications for Real World

Dr. D Antony Louis Piriyakumar
Dean R&D and HoD, AI&ML

Dr. G. Indumathi
Principal

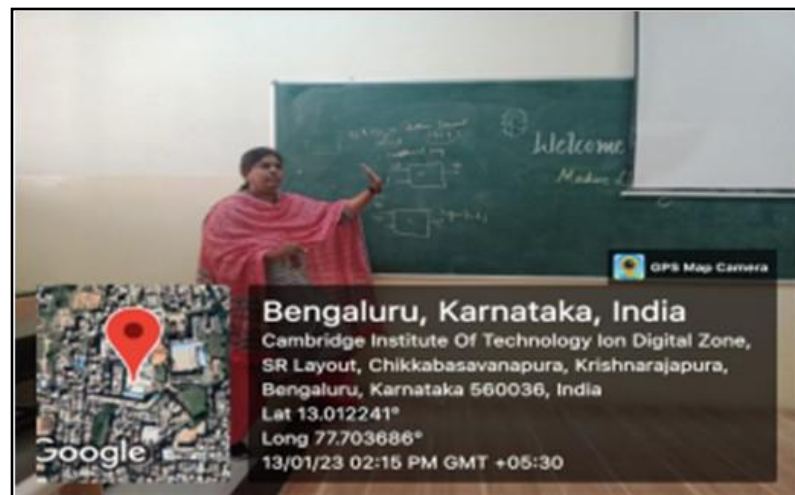
Forum Activity Co-ordinator
Prof. Rajani K C
Asst. Prof, Dept. of AI&ML, CIT

 **Friday,**
13th January 2023

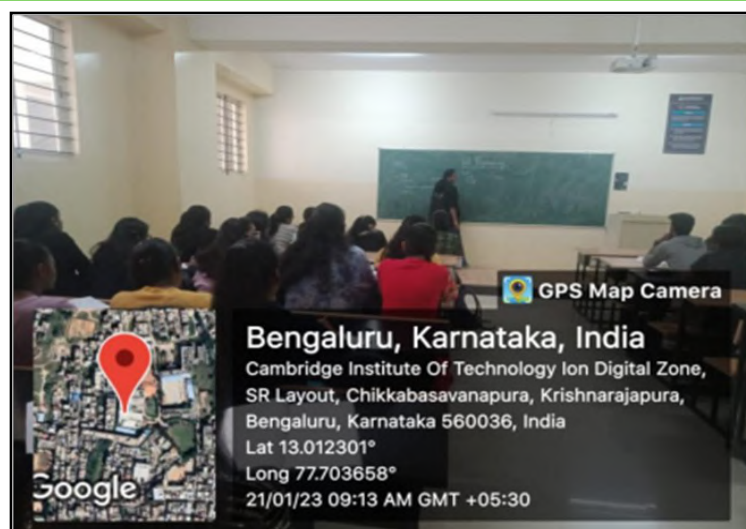
 **02:00 PM to**
04:30 PM

 **Room No. 419**

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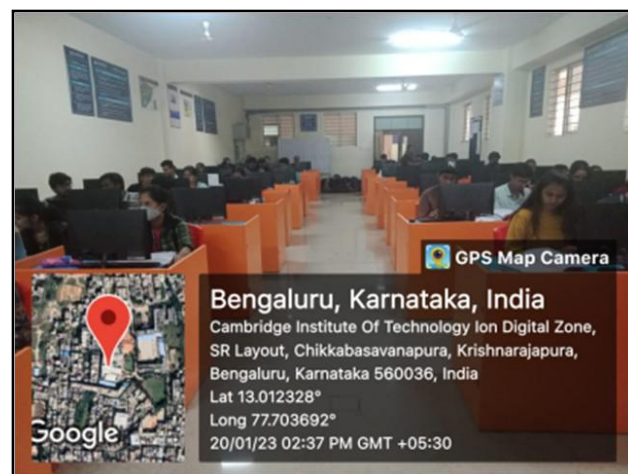
Workshop on 'Python Programming for AI&ML Skill Lab'



The department of AI ML conducted five day workshop on 'Python Programming for AI ML Skill Lab' starting from January 20. The resource persons included: Dr D Antony Louis Priyakumar; Prof R Geetha and Prof Rajani K C. The first day of the Skill lab was started by Dr D Antony Louis Priyakumar. The session included the discussion about Basic concepts of python like Learn the syntax and semantics of the Python programming language, Apply built-in functions, Learn the Mathematical Concepts and Formulas used in Data Science.

Outcomes:

To Demonstrate the usage of Python and Mathematical Formulas in AI ML and Usage of Python code Library followed by python hands on session.



Department of CSE

INSYNC ACTIVITY- Code Competency- Test Series -1



An INSYNC ACTIVITY on Code Competency Test Series-1 was conducted for the students of 3rd Sem CSE on 24th January. The duration was for one and a half hours. A total of 96 students participated in the test. Students were given 7 programming questions on Algorithms and Data Structure concepts. It was a time stamped test.

Out of 96 participants, 23 were shortlisted and these 23 students were also selected in prior for the Samsung Innovation Campus. Out of 23, 3 students won the test.

First Prize- Darshan Pattar

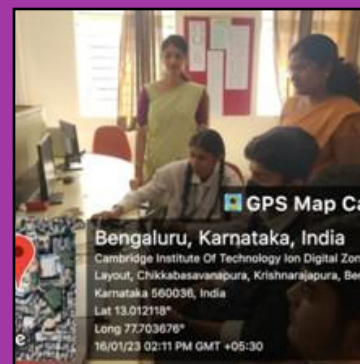
Second Prize - Harish Kumar

Third Prize - CNVC Harsha and Ayshman Muduli



Workshop on IoT Skill Lab

The department of CSE hosted a skill lab on IOT for the second-year CSE students starting from January 16 to January 23. The goal of this course is to teach students the fundamentals of IOT. The faculty of the CSE department provided hands-on training to a total of 180 students, divided into three sections of 60 students each. Each section was allotted 2 days for the workshop. On Day 1, students were taught the fundamentals of IOT and was split up in 2 different groups where few groups worked on the hands-on-session with Raspberry-Pi and other groups worked with Arduino.





On Day 2, students were swapped to work with Raspberry -Pi and Arduino. Students were also given a case study with different IOT topics and each group presented their topic.

Finally the students understood about Basics of IOT and the components. Students acknowledged their satisfaction by working on different programs based on their new found knowledge. On January 23, a valedictory event was conducted in the presence of Principal Dr Indumathi G.



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Department of
Computer Science Engineering




Workshop on IoT Skill Lab

RESOURCE PERSON

Dr. Jayanthi M. G.
Associate Professor

Mr. Sandeepkumar
Associate Professor

Mr. Janardhan Singh K
Associate Professor

 **16 - 23 January, 2023**

 **8.45 AM - 4.30 PM**

COORDINATORS

Ms. Sharon Christina

Ms. Ganga D Benal

Ms. Maria Kiran

Dr. Shashikumar D. R.
HoD, Dept. of CSE

Dr. Indumathi G
Principal

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Social Connect Field Trip

On January 13th, a field excursion to Jnanabharathi was planned for the students of 3rd sem CSE to learn more about water conservation. Students had the opportunity to visit the Bio Parks 1 and 2. They set out from Bio Park 1 to begin with. There were three water bodies in this park. One, a small pond, which serves as a water source for both animals and a plants, allowing the plants to remain perpetually green.








A larger pond that also provided water to adjacent plants was the 2nd body of water. However, the adjoining hostel's wastewater was mixed with this body of water, which made the water tainted and caused a green layer to grow on top of it.

The third body of water was equally obscured by a green coating, making it impossible to see the water.

Students were back after touring all three water features. They proceeded to Bio park 2. Many of the plants in this park had medicinal values. Students were educated about the advantages, applications, and the botanical names of various plants.




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SOCIAL CONNECT - FIELD TRIP
 DEPARTMENT OF CSE
Water Conservation
 at Jnanabharathi

Topic covered

- Understanding Water Harvesting in Dry Lands.
- Water Harvesting Map.
- Types of water Harvesting Structures.
- Building few Structures.
- Planting the Bunds.






Checklist

1. Social Connect book.
2. Pen.
3. Water bottle.
4. Cap.
5. Lunch.

Note: No single use items to be carried.

13th January 2022

09:00 AM to 04:00 PM

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Talk on 'Water Conservation'

The students of 3rd sem CSE attended the talk on 'Water Conservation' which was presented by Mr. Sanam from an NGO on January 12. Students were assigned an activity with a team of 10 members. They in which they were given topics to discuss and make a chart about how much water is used, wasted and conserved in different places

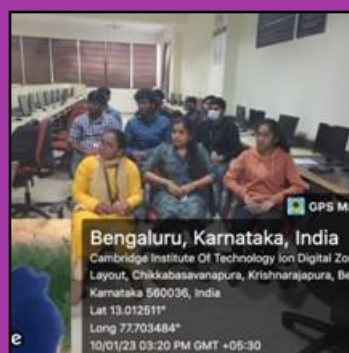





By doing this activity students understood how much water is wasted on daily basis and measures taken to preserve water. Students were also made understand about the importance of water recycling. They were also informed about natural calamities like drought and floods.


INSYNC Activity - Data Collection for AI Model

The INSYNC Activity on Data collection AI model was conducted in association with Samsung Research Lab from January 10th to 12th. A total of 30 students were selected from 3rd Sem CSE, and were made into groups containing five members each. Each group selected a category for data collection and fetched 30 pictures from the chosen category. Students made use of a website named MAKE SENSE AI. Students imported the pictures that were gathered and imported labels for it. The activity was all about data collection for AI Modeling and labeling the data collected.







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Department of
Computer Science Engineering

INSYNC Activity on Data Collection for AI Model

in association with **Samsung Research Lab**
for 3rd & 5th semester students


RESOURCE PERSON


Dr. Jayanthi M. G.
Associate Professor

Mrs. Yashaswini S.
Assistant Professor

COORDINATORS




Ms. Sharon Christina
Mrs. Pushpalatha Dubey
Mrs. Vasantha
Mrs. Shilpa V
Mrs. Shilpa S B
Mr. Lokesh

 **10 - 12 January, 2023**

 **3 PM - 4.30 PM**

Dr. Shashikumar D. R.
HoD, Dept. of CSE

Dr. Indumathi G
Principal

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Department of Basic Sciences

MYTRI -Singing competition



The Basic Sciences department conducts co-curricular and extra-curricular activities under the aegis of department forum MYTRI, to unmask the hidden talents among the students so as to felicitate holistic development of every individual.

Here are some of the activities conducted--**Singing competition:** Singing competition was held on January 11th and 12th for the students of physics and chemistry cycle in coordination with Dr Hema Kumar K H, Head- Chemistry department and Prof. Mamatha V- Assistant Prof. Department of Mathematics.



MYTRI -Creative writing

A session on creative writing was conducted on 25th January. This session inspired many students to take part in the competition and essentially improved their writing skills. About 40 students from all the sections participated in the event. The competition was successfully conducted by Dr. S V Rasajna and Prof. Suman Datta.





**Department
of
Electrical and Electronics
Engineering**

‘Skill Lab: Circuit Designing and PCB Prototyping’



**Department of
Electrical and Electronics Engg**



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)

Skill Lab on

**Circuit Designing and
PCB Prototyping**

RESOURCE PERSON

**Mr. Zonain Haris**
CEO, Induslearn, Bangalore

**Mr. Karthik**
Product Architect, Spectris

 **20/01/2023 to
23/01/2023**

 **JC Bose
Seminar Hall**

 **09:00 AM to
04:00 PM**

Follow Us on   

The EEE department had organised four day training on ‘Circuit Designing and PCB Prototyping. Induslearn CEO Zonain Haris and Spectris Product Architect Karthik were the resource persons. The main purpose of the workshop is to train the students on circuit designing and PCB Prototyping. The training was organized from January 20 to 23. The program was inaugurated in the presence of Dr G Indumathi, Principal, Prof. Hema A, Prof and HOD, Dept. of EEE and faculty of EEE dept.

The session started with the introduction and importance of learning circuit designing and PCB prototyping. The session continued with the explanation of the fundamentals of Arduino, fundamentals of Kicad software, installation of Kicad software, coding the Arduino using Attiny 85 was discussed.

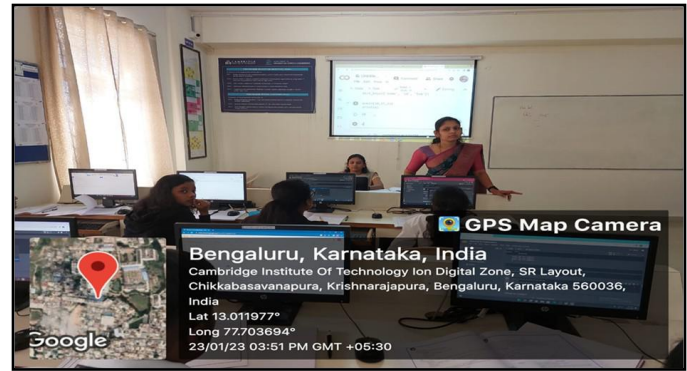
The simple programs like glowing the LED, on and off of the buzzer were done practically. On day two the designing of PCB using Kicad software was taught and the 3D modeling was done and the circuit was etched on the PCB board. The Burglar Alarm, LED glowing were the projects built using PCB designing. On day three, based on the previous two days sessions, the assignments in the form of projects were given for the students to complete.

On day four the practical sessions were done for the projects and theoretical knowledge about the Arduino, coding was discussed and assessment was done for testing both the theoretical and practical knowledge.



**Department
of
Information Science
Engineering**

Skill Lab on Exploring IOT Concepts through Python Programming



The ISE department organised Skill Lab on Exploring IOT Concepts through Python Programming from January 23 to February 3. The key speakers include:

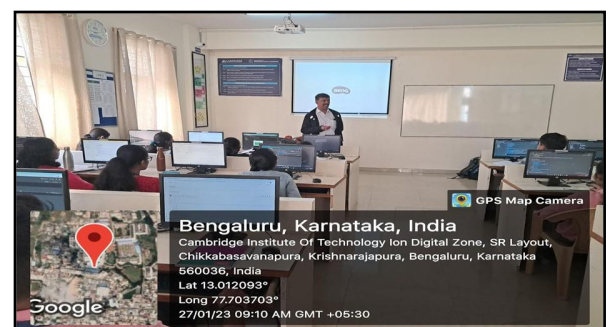
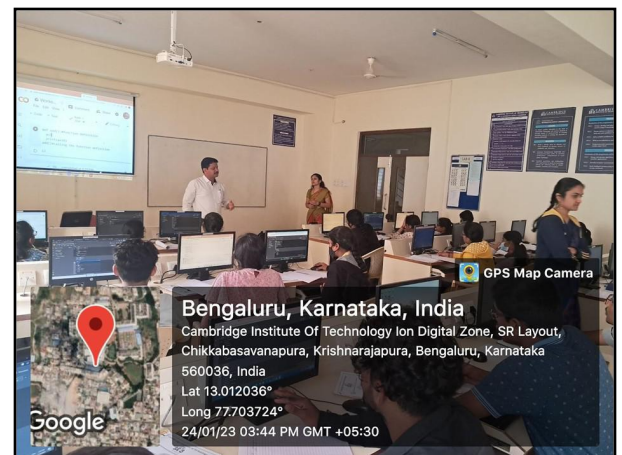
Prof Krishna Kumar P, Registrar, CIT; Prof Anand Reddy, Assoc. Professor, CMRIT; Prof Pruthviraj S P, Principal Data Scientist, Aligned Automation and

Prof Triveni N, Asst. Professor, Dept. of ISE. The resource person started first session by discussing about IOT concepts followed by python hands on session.

The session started by Prof Krishna Kumar P R with the Introduction to IoT, Evolution of IoT, Genesis of IoT, IoT and Digitization, IoT Impact, Convergence of IT and IoT, IoT Challenges, IoT Network Architecture and Design, Arduino Board, Raspberry Pi, IoT Network Architecture and Design, Simplified IoT Architecture, The Core IoT Functional Stack, IoT Data Management and Compute Stack.

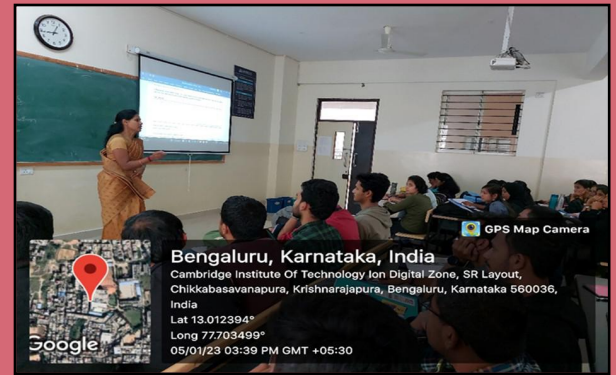
The second session was started along with the hands-on-session where Prof. Triveni N explained the session with support from Prof. Jayashree N and Prof. Anusha B. The students learnt about introduction to Python, Comments, Variable names, Data Types, Operators, Strings along with Methods, input() and print(). The students were given small programs on the topics covered such as printing sum of three numbers; find area of circle, square, rectangle etc.

The external speaker Dr Anand Reddy, started the session with introduction to smart IoT devices, and then experimented with all the IoT devices using Proteus software. The students gained knowledge about implementing small projects such as “Face recognition”, “LED glow” etc. using IoT concepts through Python Programming.



GUEST LECTURE ON NETWORK SIMULATOR 2

The department of ISE organised a guest lecture on Network Simulator-2 for 5th Semester students on January 5. The key speaker was Prof Subhashini R, Asst Prof, CSE department. The speaker started the session by discussing about NS2 and how NS provides substantial support for simulation of TCP, routing, and multicast protocols over wired and wireless (local and satellite) networks. The speaker also discussed about the features of NS2 and architecture of Network Simulator 2. The main aim of this session was to clearly brief about Network Simulator 2. Prof Preethis S, HOD Department of ISE congratulated the speaker for enlightening the students about NS2.



Department of Mechanical Engineering

Freshers Day Celebration

The Mechanical department organised a Fresher Party for its 3rd semester students on January 5th. The purpose of Fresher's Party was to welcome 3rd semester students in a friendly atmosphere and to encourage their creative impulses to boost their confidence. It is the day where seniors and juniors finally bond and unite to celebrate being part of the college. The 3rd semester students were welcomed with red roses.

The program started with a welcome song played by Jepson, 5th semester student and followed by a speech by Dr Indumathi G, who spoke to the students about the opportunity present in the field of mechanical engineering and wished them the best. Dr. Suneelkumar Kulkarni, HOD-ME, gave a wonderful speech encouraging the students.

To make the students more interactive, games were organised. Refreshments were also provided which made them really happy and joyful.

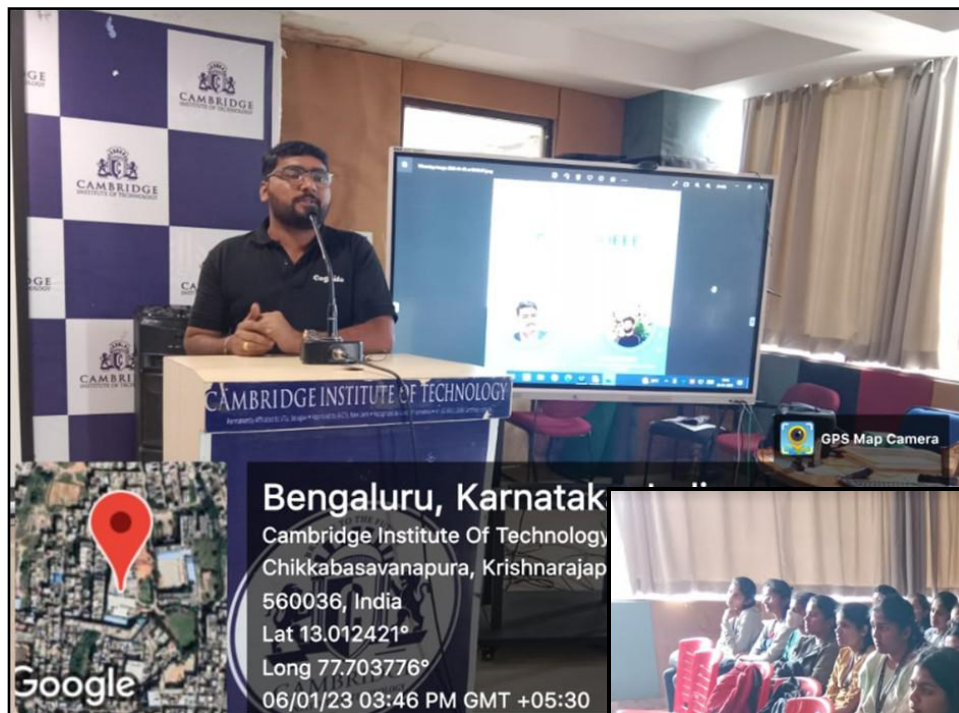
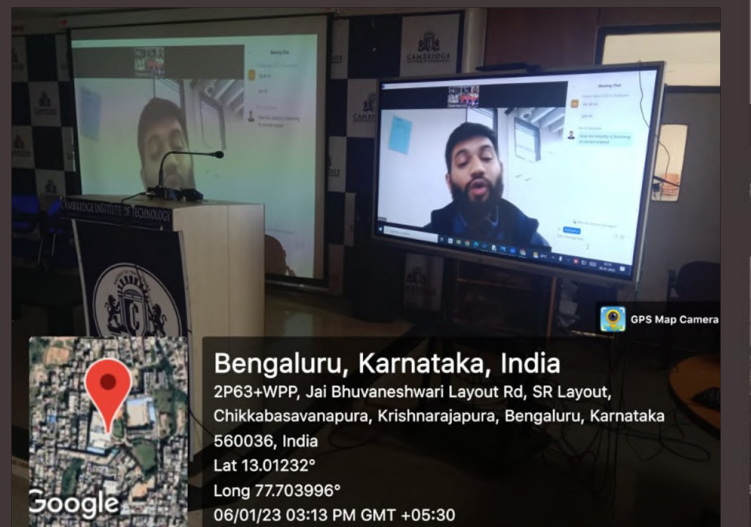


**Department
of
Electronics and Communication
Engineering**

An Expert Talk on Entrepreneurship

The department of ECE organized an expert talk on Entrepreneurship for the 5th semester students on January 6th. Mr.Nagarjuna Reddy, Founder and Director of XPRES-DATA and COGNIFO Company and Mr.Paresh Patidar, Manager-Sales and Business Development at TESSOLVE were the speakers. The speakers shared their ideas regarding schemes for entrepreneur to start a new business. They opined that many government agencies are providing too much funds to start a new business. In this technical talk, the experts gave all the information regarding developing new business as well as sustaining it with highly incentives.

160 pre-final year students participated. The event witnessed overwhelming response from the students. The lecture motivated students to think seriously about entrepreneurship.



Award Distribution Ceremony for Ideathon -2022

The department of ECE conducted award distribution ceremony for Ideathon -2022 on January 6th. The competition, which was held in three-stages in November 2022, aimed at inculcating the spirit of innovation and entrepreneurship amongst ECE students through the power of ideas which can transform the nation. The winning ideas will be developed into prototypes/products and they were awarded with certificates and memento by Dr Indumathi G, Principal, CIT. She appreciated students for their active participation. The event helped each team to showcase their ideas and learn about drawbacks, if any. Our industrial / academic experts also gave their valuable suggestions for the betterment of each project and guided them on how they can improve their product so that it is ready to face the competition in the market.

Experts are volunteered to mentor some ideas personally. Overall, the event nurtured the entrepreneurial spirit in students and gave all the participants a platform to exhibit their innovative ideas and projects.



Department of MBA

Sell your ideas through posters

From ages we all know advertisement is a strong medium to reach out to the masses. Advertisements were mainly used to promote political events and candidates, movies, products, musical events and general awareness among people.

However, over the years, the art of expressing ideas through advertising has evolved. For instance, paintings, graffiti, posters and billboard were used to popularise the brand. Though graffiti and paintings are no longer in vogue, posters and billboards continue to dominate the advertisement space. Moreover, with the advent of internet, things have changed dramatically. With just a touch of a button, everything from designing to printing, reaching out to people is done in a jiffy.

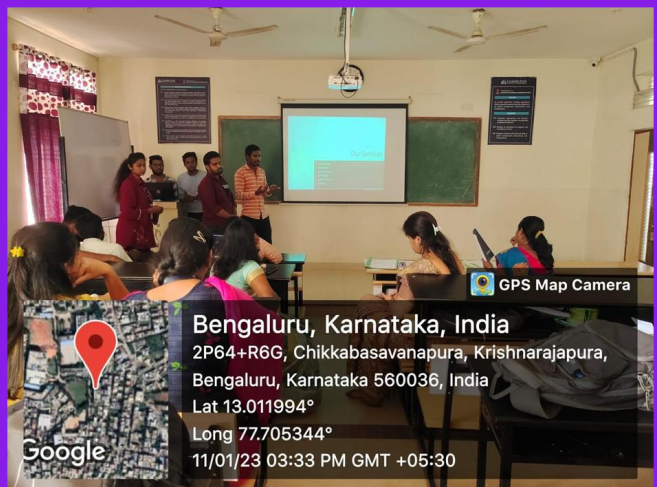
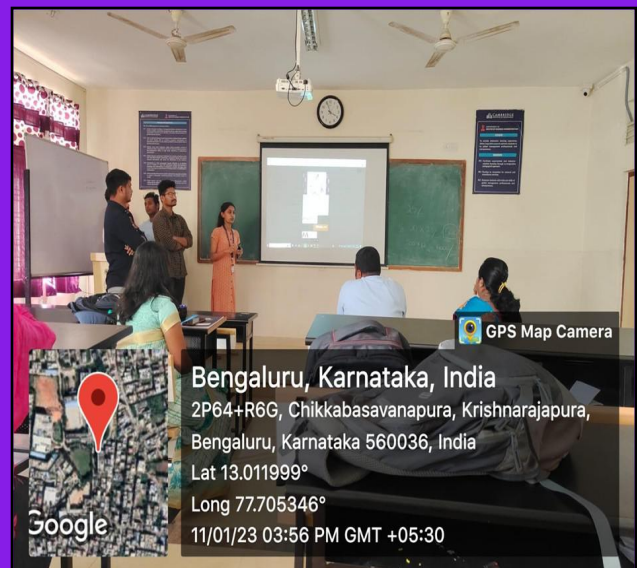
To begin with, digital posters allow one to experiment with multimedia technology like graphics), video and audio for efficacious branding. In business terms, posters are instrumental in grabbing the attention of the public.

To inculcate this idea in students, the MBA department of **Cambridge Institute of Technology** organized 'Poster Making competition – Business Idea' on January 11.

The competition helped the management students to understand the intricacies of creating poster and pitching their idea competently. Importance of research, creativity and innovation were highlighted while creating business idea. Eager to learn more on this, 8 teams registered for the event. The IIC co-ordinators Prof Priyanka R and Prof Jayaprakash were the judges.

The 8 teams came up with the following business ideas: Laundry business idea; Bestee – a café shop; Super app; Reseller business idea; Leo fashion and Boss – Bachelor of social service (**only six teams names are there**). After each team presented their ideas through poster, Q&A session was initiated.

Laundry Business Idea bagged the first prize; Bestee business bagged the second prize and third prize was shared by super app and reseller business idea.



On your mark, get set and play.....

Sports have no boundaries, religion, race or culture. Rather, it's a podium, which bring people and nation together. Sports of all kinds have gained wider recognition--be it marathon, cycling, motor-race, tennis or kho-kho. Sports not only pave the way for sportsmanship and team spirit, but it also promotes mental and physical well-being.

Unfortunately, today's youngsters, are getting less involved in sports. Blame it on unscientific designing of curriculum or extensive usage of social networking sites, playing sports has taken a severe beating.

To encourage students to showcase their talent in sports, **Cambridge Institute of Technology**, on January 12 conducted a 'Sports Event-Intra Department' where students from all the department participated in both indoor and outdoor activities.



Department of MCA

Seminar on 'Mobile Applications'

The Department of MCA had organised a seminar on Mobile Applications for the 3rd semester MCA students on January 15th. The speaker for the day was Prof. Vijayalakshmi, Assistant Professor, Dept. of ISE. The objective of the seminar was to understand the Android application architecture, including the roles of the task stack, activities, and services.

Students were given training on creating robust mobile applications and learnt how to integrate them with other services. The session also focussed on creating intuitive, reliable mobile apps using the android services and components besides creating a seamless user interface that works with different mobile screens.





Department of
Master of Computer Application



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of IISD Initiative)

Seminar On
Mobile Application



SPEAKER
Prof. Vijayalakshmi
Assistant Professor
Dept. of ISE , CITech



15-01-2023



2.30pm - 3.30pm



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05th Thursday January 2023

CAMBRIDGE
INSTITUTE OF TECHNOLOGY

CIT NEWS

CCCIR-CIT signs MoU with Ecovate Tech LLP

Cambrian Consultancy Center and Industrial Research (CCCIR), the R&D wing of Cambridge Institute of Technology signed an MoU with Ecovate Tech LLP on January 5, 2023. The purpose is to ignite the entrepreneurial spirit in students and faculty. The MoU was signed by Mohan Ramanathan, Director, Ecovate Tech LLP; Dr G Indumathi, Principal, CIT and Dr Cyril Prasanna Raj P, Director, CCCIR.

www.cambridge.edu.in



11th Wednesday January 2023

CAMBRIDGE
INSTITUTE OF TECHNOLOGY

CIT NEWS

CIT signs MoU with Voyzon Aerospace Pvt Ltd

Cambridge Institute of Technology added another feather to its cap. The institute signed an MoU with Voyzon Aerospace Pvt Ltd where CIT students will be supported and encouraged by collaborating with industry for internships, project training, skill development and product development. The MoU was signed by Dr G Indumathi, principal, CIT and Bikasha Kumar Sahoo, Founder and CEO, Voyzon Aerospace Pvt Ltd. Other officials present at the signing of MoU include Dr Prasad Samapth, Co-founder and Chief of Design; Dr Kailash Chandra Panda, Co-founder and CTO; Arvind Mathur, Co-founder and Chief Strategy Officer; Dr Cyril Prasanna Raj, Director, CCCIR; Dr Antony Louis Priyakumar, HoD, AI & ML and HoDs of CIT.

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VISION AND MISSION OF THE INSTITUTE



VISION

To become a premier institute transforming our students to be global professionals.

MISSION

M1. Develop competent Human resources, and create state-of-the-art infrastructure to impart quality education and to support research.

M2. Adopt tertiary approach in teaching—learning pedagogy that transforms students to become competent professionals and entrepreneurs.

M3. Nurture and train students to develop the qualities of global professionals.

To Know More



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