

*A NATIONAL LEVEL TECHNICAL SYMPOSIUM*

# TENDONIX

A National Level Technical Symposium, named as TENDONIX 2k24, is conducted by Third year students of Civil Engineering Department, Coimbatore Institute of Technology, Coimbatore.

This symposium is planned on 5th and 6th of April 2024. It contains a total of 18 events which includes 9 Technical events (Paper War, Quiz Era, CADventure, Oratory Odyssey, Code Cracking, Hectarez, Model Making, Clash with content and Poster Presentation) and 9 Non-Technical events (FreeFire, BGMI, Technical photo, IPL Auction, Sound Party, Mudincha Kandupidi, GET SET GO, Act to Enact, Anime Quiz) with cash prize of Rs.1000 for every event.

Overall trophy and cash price of Rs.10000 is awarded for the best performing college. Cash prize was awarded to all the winners and certificates were provided to all participants as recognition for their participation and contribution.



# TENDONIX

## INAUGURATION

Inauguration of this Technovation was conducted at the LBCH (Library Block Conference Hall). Inauguration was held from 9:45 am to 10:45 am. For inauguration, we had our beloved alumni Dr R Ilangoan as our chief guest. He completed his Civil Engineering degree in the year 1981 and joined as an Assistant Engineer in PWD in the same year. Now he is a retired chief engineer in PWD. The event started with Tamil Thai Vazthu. It was followed by lamp lighting, welcome address, HOD address, chief guest welcome address, chief guest address, Memento distribution, vote of thanks and finally ended with National Anthem.



# TENDONIX

*TECHNICAL EVENTS*

## PAPER WAR

This event serves as a platform for participants to showcase their research, ideas, technical and presentation skills in a bright and engaging manner. Participants prepared and presented their papers on various topics including Green Building, Sustainability, Advancements in civil engineering, Smart infrastructure and smart city planning. This event was wonderfully organised by Varshini S and Prishaa S. This event was excellently judged by Dr. K. Nithyapriya and Dr. R. Saraswathi



### *WINNERS*

1st Prize - Hariharan C from AAA College of Engineering and Technology, Amathur.

2nd Prize - Swetha S, Vaishnavi S, Arun AK from PSG Institute of Technology and Applied Research, Coimbatore.

3rd Prize - Shared by Gokulam V from Nandha Engineering College, Erode and Nagarani S, Macrin Jeny J and Thirumalaiselvi R from Francis Xavier Engineering College, Thirunelveli.



# TENDONIX

TECHNICAL EVENTS

## CADVENTURE

The CAD event is an individual event where the students are challenged with two rounds of drafting a plan for a framed and load bearing structure in AUTOCAD software. This event was excellently organised by Balavignesh M and Abhishek R S. This event was judged by Mr.P. Leeban Joseph P and Dr.M.Kaarthik.



### **WINNERS**

- 1st Prize - Varadharaj G from Karpagam College of Engineering, Coimbatore.
- 2nd Prize - Saroj Adhikari from KPR Institute of Engineering and Technology, Coimbatore.
- 3rd Prize - Nagarani S from Francis Xavier Engineering College, Tirunelveli.

# TENDONIX

TECHNICAL EVENTS

## POSTER PRESENTATION

Poster presentation is the event where the participants express their thoughts and ideas on a specific topic through a poster. This event provides a platform for the students from different college pour their knowledge to the students. This event was excellently organised by Nithisakanan P and Shapna S. This event was excellently judged by Dr.V.G.Kalpana and Dr.S.Shanmugapriya.



### *WINNERS*

- 1st Prize - Hariharan C from AAA college of Engineering and Technology, Amathur.
- 2nd Prize - Nandhana N from Sri Ramakrishna Engineering College, Coimbatore.
- 3rd Prize - Sivaprashad R and Gowtham R from Dr NGP college of Engineering, Coimbatore.

# TENDONIX

TECHNICAL EVENTS

## MODEL MAKING

Model Making is the event where the students from different college express their innovative ideas and made the models of existing buildings and monuments. This event have more than 10 participants including our college students. This event was organised by Mohammed Aaqil Khan M and Nikitha M.

This event was excellently judged by Dr.N.Saranya and Ms.E.Jayanthimani.



### **WINNERS**

- 1st Prize – Gokulam V, Manikandan S and Logesh E from Nandha Engineering College, Erode.  
2nd Prize – Nandhana N from Sri Ramakrishna Engineering College, Coimbatore.  
3rd Prize – Brintha K, Santhiya K, Thashmitha and Joshika from Coimbatore Institute of Technology.

# TENDONIX

TECHNICAL EVENTS

## CODE CRACKING

Code Cracking is the event where the participants from different college are tested with questions from IS code book (IS 456 and IS 800). Answer for these questions are found by the other college students from the code book given to them. This event is conducted through G-forms. This event was excellently organised by Mukesh S and Ragasudha V. This event was excellently judged by Dr.S.Brindha and Dr.P.Jagadesh.



### **WINNERS**

1st Prize - Gayathiri K from AAA college of Engineering and Technology, Amathur.

2nd Prize - Thangaveni T from Government College of Engineering, Tirunelveli.

3rd Prize - Parasuram from KPR Institute of Engineering and Technology

# TENDONIX

TECHNICAL EVENTS

## QUIZERA

QuizEra is a trivia event where the knowledge of the students are tested in two rounds. One round is pen-and-paper round with question paper while the other is rapid fire round with buzzer. Questions of this event are from various civil engineering subjects. This event is organised excellently by Blesin Achsah J and Nikitha M.

This event is excellently judged by Ms.V.Padma Poorani and Ms.S.Kavitha.



## *WINNERS*

- 1st Prize – Manobharath P and Madhubalan M from KPIL Institute of Engineering and Technology, Coimbatore.
- 2nd Prize – Sivaprashad R and Gowtham R from Dr NGP college of Engineering, Coimbatore.
- 3rd Prize – Hariharan C from AAA college of Engineering and Technology, Amathur.

# TENDONIX

TECHNICAL EVENTS

## ORATORY ODYSSEY

This event is a technical JAM event, where the students from different college are given a random technical topics and they requested to speak about that topic for the period of 1 minute. This event was excellently organised by Samuel Selva Singh and Ahillesh Raj A.

This event is excellently judged by Dr.K.Nithiya Priya and Dr.N.Saranya.



### **WINNERS**

1st Prize – D Anitha from Government College Of Engineering ,Tirunelveli.

2nd Prize – Manobharath P from KPR Institute of Engineering and Technology, Coimbatore.

3rd Prize – Jeslinpatricia K from government college of Engineering and Technology, Tirunelveli.

# TENDONIX

TECHNICAL EVENTS

## CLASH WITH CONTENT

It is a debate event where the students from different colleges are given different topics. In this event, the students speak about the pros and cons about the Technical topics. This event was excellently organised by Samuel Solva Singh and Shapnaa S. This event is excellently judged by Mr. Cyril Santhosh J and Mr Karthik Kumar S.



### WINNERS

- 1st Prize - Sanjay B and Gowtham R from Sri Ramakrishna Engineering college, Coimbatore.
- 2nd Prize - GK Ukesh Karthikeyan and Ajay K from National Engineering College, Kovilpatti.
- 3rd Prize - Varshini S and Amirdhasudhan A from Coimbatore Institute of Technology, Coimbatore

# TENDONIX

TECHNICAL EVENTS

## HECTAREZ

This event is survey event where the students from different college are tested for their survey skills. This event consists of two rounds. In first round questions were given to the participants and in second round, area is measured or height of towers were calculated. This event was organised by Robino Jijin R, Agalya and their crew.

This event was excellently judged by Mr.D.Arul, Mr.P. Leeban Joseph P and Dr.C.Shankar.



### **WINNERS**

1st Prize – Thanga Veni T, Sneha G and Santhiya G from Government College of Engineering and Technology, Tirunelveli.

2nd Prize – DN Rublin Mahiba, M Rajesh and N Kavidhasan from Government College of Engineering and Technology, Tirunelveli.

# TENDONIX

*NON-TECHNICAL EVENTS*

## IPL AUCTION

IPL Auction is an offline event similar to real IPL auction where the participants are given a budget of 80 Cr and asked to pick 11 players from the prepared chart of players. The team who picked the maximum players from top player ranking was awarded the first place. This event was successfully organised by Nithiskannan P, Srinivasan S and their crew.



### **WINNERS**

1st Prize - Dhevadharshini-M, Nandhana N, Sanjay B and Gowtham R from Sri Ramakrishna Engineering College, Coimbatore

2nd Prize - Punjab Kings team members.

# TENDONIX

*NON-TECHNICAL EVENTS*

## SOUND PARTY

Sound Party is the event where the participants are tested for their cinema knowledge. This event consists of two rounds one is connection while the other is music round where the students had to find the song from its BGM.

This event is successfully organised by the  
Gayathiri SN and Naveena K.



### **WINNERS**

1st Prize - Sharun Hari and Devaguru from Coimbatore Institute of Technology, Coimbatore.

2nd Prize - Macrin Jeny and Sudhes from Francis Xavier Engineering College, Tirunelveli.

# TENDONIX

*NON-TECHNICAL EVENTS*

## MUDINCHA KANDUPUDI

Mudincha Kandupudi is an event where the cinema talent of the participants are tested. This event consist of two rounds. In first round the students have to find the movie from the scenes displayed. In second round they had answered the questions related to the cinema. This event was organised by Nikitha N and Mohammed Aaqil Khan M.



### **WINNERS**

1st Prize - Sharun Hari and Devaguru from Coimbatore Institute of Technology, Coimbatore.

2nd Prize - Karthik P and Kamilas from KPR Institute of Technology and Engineering, Coimbatore.

# TENDONIX

*NON-TECHNICAL EVENTS*

## GET SET GO

Get Set Go is actually a relay games. This events is combination of four small games. This event is a time-based event where the students who completes all this games quickly or in lesser time was awarded as the winners. This event was Successfully organised by Mukesh S and Amirthasudhan A.



### **WINNERS**

1st Prize – Surya Prakash from Coimbatore Institute of Technology, Coimbatore.

2nd Prize – Nirmal Kumar from Coimbatore Institute of Technology, Coimbatore.

# TENDONIX

*NON-TECHNICAL EVENTS*

## ACT TO ENACT

Act to Enact is Dum Charades game. This game is a time based game .In this game 3 minutes time is given to each team and they are asked to find movie from one acting. This event is organised successfully by Robino Jijjin R, Abhishek RS and Ragasudha V.



### **WINNERS**

1st Prize - Surendhar, Naveen Muthu Selvam, Hariharan and Avinash from Thiagaraja College of Engineering, Madurai.

2nd Prize - Devaguru, Sharun Hari, Gayathiri SN, Sivakumar and Thirugnanam from Coimbatore Institute of Technology, Coimbatore

# TENDONIX

NON-TECHNICAL EVENTS

## ANIME QUIZ

Anime Quiz is a delightful event for anime lovers. In this event Anime knowledge of the participants were tested. This event is specially made for anime lovers by Mohammed Aaqil Khan M and Mukesh S.



### **WINNERS**

1st Prize - Kishore from Coimbatore Institute of Technology, Coimbatore.

2nd Prize - Riyas from Coimbatore Institute of Technology, Coimbatore.

# TENDONIX

## OVERALLWINNERS

AAA college of Engineering ,Amathur has been awarded as the overall winners with cash Prize of 10000 . This college had won three first places in technical events along with one third Prize. Government College of Engineering, Tirunelveli Has been awarded as the Overall Runners along with the cash Prize of 5000. This college had won Two first places ,two second places and one third place in technical events .



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# TENDONIX

## VALEDICTION

Valediction of TENDONIX 2024 was conducted on the same day in front of IT block. In this event, our HOD Dr.M.P Muthuraj have presented the certificates to the event winners and awarded the cash Prize. This Prize Distribution is followed by cake cutting and group photo section.



THIRD YEAR BE CIVIL

SECOND YEAR BE CIVIL



# CIVIL CARNIVAL 2024

The Civil Carnival 2024, organized by final year students, Department of Civil Engineering, Coimbatore Institute of Technology, from 03.03.2024 to 21.03.2024. It showcasing athleticism and camaraderie. It took place within the CIT campus.

It featured a diverse range of sports including Cricket, Basketball, Football, Volleyball, Kabaddi, Shuttle, Chess, Carrom. Winners and Runners of each sport will be awarding cash prize, medal and certificate.

The Civil Carnival 2024 providing a platform for students to exhibit their talents outside the classroom, fostering holistic development. Additionally, it promotes teamwork, leadership, and community engagement among participants.







COIMBATORE INSTITUTE OF TECHNOLOGY

Unit of Government Institutions of Higher Education, Coimbatore

DEPARTMENT OF MECHANICAL ENGINEERING

Shree Siddhivinayak



# MECHNOTRON 2K24

*National level Technical Symposium*

## WORKSHOPS

EMERGING TRENDS & JOBBING  
SKILLS ON LEARNING & APPLICATION  
THINGS - 9:00 AM TO 12:00 PM



REGISTER



₹249  
₹449



ELECTRIC VEHICLE SIMULATION  
AND SOFTWARE DEVELOPMENT  
NAVIGATING AUTOMOTIVE INNOVATION  
THINGS - 2:00 PM TO 5:00 PM

PARTICIPATION CERTIFICATES WILL BE PROVIDED

**CIT**  
VENUE

SHREESHWAR : 73051 21028  
ROOPAN : 70949 72155  
PRANESH : 99948 51096

FOR BULK BOOKINGS  
CONTACT US!!

**27**  
APRIL



COIMBATORE INSTITUTE OF TECHNOLOGY



Coimbatore Institute of Technology affiliation to Anna University

DEPARTMENT OF MECHANICAL ENGINEERING

MECHNOTRON 2K24

PROJECT PRESENTS



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# DRONE MANIA

CUSTOMER: AVOIDANCE DRONE RACING

PRICE WORTH  
₹30,000

ENTRY FEE  
₹1000  
PER TEAM



**CONTACT US**  
YASUDEVAN - 9080846118  
NAYNATH - 9563255516  
ASHWIN N - 9342700000

**PALANI GROUND,CIT**

MECHNOTRON 2K24



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DEPARTMENT OF MECHANICAL ENGINEERING



MECHNCTRON 2K24

*praxidly presents*

ROBOVERSE

ENTRY FEE  
RS.350

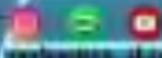
APRIL  
26

PRIZE  
WORTH  
RS.15,000



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Near Kabaddi Court, CIT



Vasudevan - 90800 45139  
Sheik farith - 93403 88351  
Mohammed - 93506 35019



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**DEPARTMENT OF MECHANICAL ENGINEERING**

REGULAR EVENTS

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**MECHANOTRON 2K24**

FOR UPDATES



**OFFLINE TECH EVENTS**

**ENTRY FEE Rs.199**

**ONLINE DEBATE WITHIN  
MECHANOTRON  
DEBATE DISCUSSION**

**PRIZE POOL  
Rs. 17000\***

**ENTRY FEE Rs.99**

**THE NEW FEM, LABOUR  
- THE FUTURE OF  
WORK & THE WORLD  
LEARNING IT  
THINGS YOU SHOULD  
- OWN AND  
- WITH A PROBLEM**

**ENTRY FEE Rs.49**

**ON-LINE  
TECHNICAL CONNECTION  
UPDATES**

**For More Details Contact:  
VAISHNAA - 922040695  
DEEPAK KUMAR - 938079439  
KARUL SURYA - 970000079**



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**MECHNOTRON 2K24**

**INSTAGRAM EVENTS**

ENTRY FREE

STAGE PRESENTATION  
LITERATURE PRESENTATION  
PHOTOGRAPH  
LEADERBOARD

FINALIST TROPHY  
PARTICIPATION CERTIFICATE  
STEP, DEPARTMENTAL AWARD  
CERTIFICATE OF APPRECIATION

For More Details Contact:  
VAJESHWAR - 9220104635  
DEEPAK KUMAR - 9380794394  
KARUL SURESH - 9700000278



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**COIMBATORE INSTITUTE OF TECHNOLOGY**  
(A GOVERNMENT AIDED AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY)

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING**

**AND  
EEE ASSOCIATION**

*Warmly invites you for*

**ELECT-ERA '24**

**LOGO LAUNCH**

VENUE : AUDITORIUM

DATE : 13.03.2024

TIME : 2.00 PM



**COIMBATORE INSTITUTE OF TECHNOLOGY**  
 A SOCIETY REGISTERED UNDER THE SOCIETY REGISTRATION ACT, 1860  
 DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



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## EVENTS

### CATEGORY 1 - BLAZEUP

1. BURNING RUBBER - 1000/2000  
 2. BURNING RUBBER - BURNING RUBBER  
 3. BURNING RUBBER  
 4. BURNING RUBBER  
 5. BURNING RUBBER  
 6. BURNING RUBBER

### CATEGORY 2 - SWIFT SPARKS

1. BURNING RUBBER  
 2. BURNING RUBBER  
 3. BURNING RUBBER  
 4. BURNING RUBBER  
 5. BURNING RUBBER

### CATEGORY 3 - RAPIDRUSH

1. BURNING RUBBER  
 2. BURNING RUBBER  
 3. BURNING RUBBER  
 4. BURNING RUBBER  
 5. BURNING RUBBER

### CATEGORY 4 - THRILL TRICK

1. BURNING RUBBER  
 2. BURNING RUBBER  
 3. BURNING RUBBER  
 4. BURNING RUBBER  
 5. BURNING RUBBER

## ELECT-ERRA '24

**PRIZE POOL**  
**RS.71,000**

## OUR VISIONARY EVENTS

1. HACKATHON
2. PAPER PRESENTATION

 **03,04 MAY 2024**

 **Coimbatore**  
 **094491 2111**  
 **electerra@cit.edu.in**

## FLAGSHIP EVENTS

1. ROBO SQUAD
2. ROBO SOCCER
3. RC RACE

## ONLINE EVENTS

1. SOCIAL MEDIA PHOTOGRAPHY
2. WEBINAR ON AI/ML/ROBOTICS
3. YOUTUBE VLOG ON AI/ML/ROBOTICS
4. YOUTUBE VLOG ON AI/ML/ROBOTICS
5. YOUTUBE VLOG ON AI/ML/ROBOTICS

### CONTACT

94491 21111  
 94491 21112  
 94491 21113  
 94491 21114

### LOCATION

Coimbatore Institute of Technology  
 Coimbatore, Tamil Nadu 641014



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 DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



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## EVENTS

### CATEGORY 1 : BLAZE UP

- 1. CARRY MESSAGE - 10000PTS
- 2. MEMORY CHALLENGE - 10000PTS
- 3. WORDS - 10000PTS
- 4. LOGIC - 10000PTS
- 5. GENERAL KNOWLEDGE - 10000PTS

### CATEGORY 2 : SWIFT SPARKS

- 1. GENERAL KNOWLEDGE - 10000PTS
- 2. WORDS - 10000PTS
- 3. LOGIC - 10000PTS
- 4. CARRY MESSAGE - 10000PTS

### CATEGORY 3 : RAPID RUSH

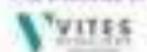
- 1. CARRY MESSAGE - 10000PTS
- 2. WORDS - 10000PTS
- 3. LOGIC - 10000PTS
- 4. GENERAL KNOWLEDGE - 10000PTS

### CATEGORY 4 : THRILL TRICK

- 1. CARRY MESSAGE - 10000PTS
- 2. WORDS - 10000PTS
- 3. LOGIC - 10000PTS
- 4. GENERAL KNOWLEDGE - 10000PTS

## ELECT-SRR 24

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EVENT SPONSORED BY



**PRIZE POOL**

**RS.71,000**

**ON 04 MAY 2024**

**FREE CHICKEN  
BIRYANI  
FOR EVENT  
PARTICIPANTS  
ON MAY 6TH**



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## OUR VISIONARY EVENTS

- 1. INTERVIEW
- 2. VISION CHALLENGE

## FLAGSHIP EVENTS

- 1. CARRY MESSAGE
- 2. WORDS
- 3. LOGIC

## ONLINE EVENTS

- 1. CARRY MESSAGE
- 2. WORDS
- 3. LOGIC
- 4. GENERAL KNOWLEDGE
- 5. MEMORY CHALLENGE

### CONTACT

- PHONE - 04262200000
- PHONE - 04262200000
- PHONE - 04262200000
- PHONE - 04262200000

### LOCATION

WATERBURY ROAD, WANDERWADI, PUNE  
 COIMBATORE, TAMIL NADU, INDIA

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COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE - 641029  
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

B.E. ELECTRONICS AND COMMUNICATION ENGINEERING  
ECE ASSOCIATION, IETE STUDENT'S FORUM & IEDS STUDENTS' CHAPTER  
ACTIVITIES 2024-2025

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

Number of students/Visa : 100 / 2 year B.E. ECE

Organizing Team:

ASSOCIATION FACULTY COORDINATORS:

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

Mr. C. Subba Prayatharan  
Assistant Professor  
Department of ECE,  
Coimbatore Institute of Technology,  
Coimbatore

IETE FACULTY COORDINATOR:

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

IEDS FACULTY COORDINATOR:

Dr. T. Balakrishnan  
Assistant Professor (SO)  
Department of ECE,  
Coimbatore Institute of Technology,  
Coimbatore

## THE SENSORS AND YOU

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

### Salient Features of the Programme

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

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

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

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

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

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

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

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

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

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

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

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

**COIMBATORE INSTITUTE OF TECHNOLOGY**  
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

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

**ENGINEER'S DAY 2023  
CELEBRATION**

**CHIEF GUEST**  
**ABHISHEK SNI**  
PROGRAM COORDINATOR

**PROGRAM OVER BY**  
**Dr. A. RAJENDRAN**    **Dr. G. JINA MANIYANDI**  
Coimbatore                      Coimbatore

**Coimbatore**  
**19th - 20th Nov**

**VENUE - IECB**

## SENSORS AND YOU:

Dr.SUDHA MAHESWAR, honoring Mr.S.N.Abbidiah by presenting him with a bouquet



Discussion with Mr.S.N.Abbidiah, Data Scientist in [IoT, AI]  
Innovation Lab, Bengaluru





Dr.B. Elvaneswari, honoring Mr.S.N.Abbinick by presenting him with a certificate.



*Dr. B. Elvaneswari*  
Signature of Course Coordinator of  
Electronics and Communication  
Department, Institute of Technology  
K. J. Somaiya, V. J.



COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE- 641014  
(Government aided Autonomous Institution affiliated to Anna University)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

B.E. ELECTRONICS AND COMMUNICATION ENGINEERING  
ECE ASSOCIATION, IETE STUDENT'S FORUM & IETI STUDENT'S CHAPTER  
ACTIVITIES 2023-2024

Name of the Activity/ Programme: Internal Mocktest 2023 Signature of Course Co-ordinator(s)

Number of students/ Year : 191 / II & III year B.E. ECE

Organizing Team:

ASSOCIATION FACULTY COORDINATORS:

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

Ms. C. Sakha Priyadarshini  
Assistant Professor  
Department of ECE,  
Coimbatore Institute of Technology  
Coimbatore

IETE FACULTY COORDINATOR:

Dr.S.Srinivasan  
Assistant Professor  
Department of ECE,  
Coimbatore Institute of Technology  
Coimbatore

IETI FACULTY COORDINATOR:

Dr. T. Sathyanarayanan  
Assistant Professor (SO)  
Department of ECE,  
Coimbatore Institute of Technology  
Coimbatore

COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE - 641024  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year: 2023-2024  
INTERNAL DEPARTMENT LEVEL  
SMART IDEA HACKATHON 2023  
SEPTEMBER 19<sup>th</sup> 2023

DATE: 20.09.2023

VENUE: Library Block (L506 and L510).

**NUMBER OF STUDENTS PARTICIPATED:**

- NUMBER OF BATCHES - 51
- NUMBER OF STUDENTS BY A BATCH - 2
- NUMBER OF STUDENTS - 102

**CONVENERS:**

- Dr.S.Uma maheswari (Professor and Head of the Department)
- Dr.M.Poongothai (Professor)
- Ms.C.Sultha priyadarshini (Assistant Professor)

**CO-ORDINATORS:**

- Dr.E.Premalatha (Assistant Professor)
- Dr.E.Bhuvanashwari (Assistant Professor)
- Ms.D.Diana Josephine (Assistant Professor)
- Ms.V.Sowmya (Assistant Professor)
- Ms.M.Ashfa Thangam (Assistant Professor)

**JURY MEMBERS:**

**INDUSTRY MEMBERS:**

- 1) Mr.E.Shanmuga Sundaram  
Director,  
Sops knowledge services Pvt.Ltd., Coimbatore.
- 2) Mr.S.Abdullah  
Embedded software engineer,  
Robert Bosch,  
Coimbatore

**INTERNAL COMMITTEE MEMBERS:**

- 1) Dr.M.Poongothai,  
Professor,  
Dept. of ECE,  
CIT, Coimbatore.
- 2) Dr.C.Puranasanth  
Assistant Professor(SG)  
Dept. of ECE,  
CIT, Coimbatore.

**EVALUATION PROCESS:**  
Rubrics for SEH 2023:  
Idea  
Technology  
Feasibility and Sustainability  
Scale of Impact & Future scope  
Presentation Skill

**Photographs:**





## PROJECT BATCHES

PANEL 1

VENUS L&amp;M

S.No	Batch Number	Register Number	Student Name	Name of the Supervisor
1	1	71.762104033	Panchaseerdy M	Dr B Premalatha
2		71.762104034	Vishna S	
3		71.762104039	Deepika R	
4		71.762104043	Sona Sarani S	
5		71.762104046	Somamamala T	
6		71.762104042	Shilini P	
7	2	71.762104013	Gnanasekaran T	Dr B Srinivasanathan
8		71.762104036	Lagan R	
9		71.762104031	Nandhini P	
10		71.762104046	Sruithi S	
11		71.762104019	Mohammad Sasi	
12		71.762104038	Pradeep Kumar D	
13	3	71.762104014	Dinesh Prabhu G	Dr M Poongothai
14		71.762104016	Colud K M	
15		71.762104033	Nithya A	
16		71.762104034	Pallavi K	
17		71.762104047	Suganya G	
18		71.762104030	Suresha S V	
19	4	71.762104018	Harshini Priyaa M	Ms M Abitha Thargam
20		71.762104033	Kavya V	
21		71.762104029	Meenakshi S Nar	
22		71.762104036	Devithra V	
23		71.762104037	Pradhakshana M	
24		71.762104038	Prasthika G	
25	5	71.762104041	sanjay V	Ms D Diana Josephine
26		71.762104013	Dinesh K	
27		71.762104051	Therantharan T	
28		71.762104037	Amanikha	
29		71.762104038	Madhuvanthi J Y	
30		71.762104030	Nandhaani S N	
31	6	71.762104001	Aashika Jarmi T	Ms V Sowrya
32		71.762104004	Adarsh K R	
33		71.762104003	Anbarasan R	
34		71.762104026	Kannarasu S	
35		71.762104033	Koerikano P	
36		71.762104043	Siva S	

37	7	71762104002	Abinaya A	Ms C.Gubba Dnyadharshini
38		71762104003	Densadharshini A	
39		71762104007	Gowthik Kumar N	
40		71762104044	Soma Sunderam A	
41		71762104048	Sundaramoorthy V	
42	71762104008	Vineeth Kumar S		
43	8	71762104006	Anusuya	Ms.K.M.Dnya
44		71762104011	Dhanu Kumar A	
45		71762104033	Karthik Venkatesh T	
46		71762104002	Naren Karthick S	
47		71762104002	karmika sr.M	
48	71762104006	Smritharshi S		
49	9	71762104117	Ravi Shankar S	Ms.R.Salavati
50		71762104007	Madhavan S	
51		71762104007	Yashra Vardhan R.	
52		71762104040	Sarjan Prakash V.	
53		71762104118	Deepika	
54	10	71762104011	Dhanurprakash J	Ms.T.Vashti
55		71762104010	Dhanurka D	
56		71762104002	Shrutha Poorani M	
57		71762104128	Vethamathy S	
58		71762104007	Mangritha N	
59	71762103000	Nirmal K		
60	11	71762104001	Aadhav B	Dr.G.Purnasahavari
61		71762104000	Mohana vashti S	
62		71762104008	Alfa Jananthan	
63		71762104001	Mitharasa S	
64		71762104003	Gayathri S	
65	71762104080	Estikkita A		
66	12	71762104006	Arshad Nisha M	Dr. G.Purnasahavari
67		71762104009	Abinaya. R B	
68		71762104009	Deepika S	
69		71762104002	Jeeva Meethi S	
70		71762104006	Niamth S	
71	71762104009	Sree Han Krishna S		
72	71762104006	Prabhakaran S		
73	71762104002	Mohamed Rinoz M		
74	13	71762104090	Vineeth Kumar K	Ms.M.Rasmya
75		71762104008	Lobh R.	
76		71762104009	Madhan Kumar S	

77		71762204021	Jeyasankari R R	
78		71762204034	Karthash B	
79		71762204046	Rohi V	
80	14	71762204034	Albin Madhav	Ms.M.Ranjya
81		71762204061	Vijesh Kumar V	
82		71762204064	Vidhya P	
83		71762204035	Makurath Karan M	
84	15	71762204043	Ranjit V	Ms.K.Muralidharan
85		71762204033	Corradarshoni A G	
86		71762204045	Rudhanya K B	
87		71762204041	Praveen V G	
88		71762204037	Nishanth K B	
89		71762204018	Shatnam T	
90	16	General	Ranjith N	Ms.K.Muralidharan
91		General	Annanthi S V	
92		71762204042	Pras Sruba	
93		General	Kaarthana V	
94		General	Kaarthi Nardhana R	
95		71762205007	Kaarthana S	

**PANEL I**
**VENUE 1,140**
**LIST OF PARTICIPANTS:**

S.NO	Batch Number	Register Number	Student Name	Name of the Supervisor
1	1	717622154070	Adwin Nora A	Dr.M.Poongotai
2		717622154080	Mehulak V	
3		717622154091	Radhakumar A	
4		717622154099	Sabarnasan R T	
5		717622154096	Sanjana V	
6		717622154098	Sathika I	
7	2	717622154075	Hanshika S C	Dr.B.Prasanna
8		717622154094	Santika S	
9		717622154105	Sruthika K	
10		717622154106	Thamija S	
11		717622154113	Varun S	
12		717622154115	Han Abhishek K N K	
13	3	717622154072	Gayana Roseline S N	Dr.B.Bhuvanachari
14		717622154097	Sanjay B K	
15		717622154101	Shri Harini K	
16		717622154106	Sudhan Shiva R	
17		717622154107	Susaj Kann A	

28		71762194112	Vasanthi T	
29	4	71762194061	Alex Pardi M	Ms.H.Asha Thangam
30		71762194078	Iyanarya K	
31		71762194099	Sandhya	
32		71762194099	Shashwanth K B	
33		71762194109	Thamiz	
34		71762194214	Vivalee Narayanan D	
35	5	71762194058	Aaradhana	Ms.D.Diana Josephine
36		71762194060	Akshya	
37		71762194077	Amrutha	
38		71762194080	Lalith Mohan	
39		71762194084	Mohammad Saifudeen	
40		71762194211	Sonjay V	
41	6	71762194088	Parvath Mohanmad	Ms.V.Sowmya
42		71762194076	Haniya H	
43		71762194090	Rashwanth	
44		71762194110	Tharun akash	
45		71762194086	Moraha S	
46		71762194116	Naihsayatri	
47	7	71762194064	K Arul Prakash	Ms.C.Subha Priyadharshini
48		71762194095	Anan Sento G S	
49		71762194210	Pradeepa	
50		71762194074	Geethika	
51		71762194089	Prakash G	
52		71762194087	Mohammad Farooq	
53	8	71762194059	Aharna Vikashini	Dr.I.S.Akila
54		71762194063	Azamed Sudhanan	
55		71762194065	Dhanaseelan S	
56		71762194085	Moraha L	
57		71762194101	Sriramesan	
58		71762194101	Sofiya Parveen A	
59	9	71762194066	P.Dhanath rajai	Dr.T.Balakumaran
60		71762194111	Udhaya Shankar P	
61		71762194091	Sahasini	
62		71762194212	Thamara karan	
63		71762194213	Vimalraj	
64		71762194088	Catherine A	
65	10	71762194071	Fazil A	Ms.Cynthia Joseph
66		71762194100	Shree Kapilan R	

57		71762204114	Geetham P	
58		71762204234	Thiruppathi C	
59		71762204206	Gana	
60		71762204104	Sounder Raj	
61	11	7172204099	Kathika J	Dr.C.Chitra
62		71762204077	MS Dharmani	
63		71762204123	Gonnamo J S	
64		71762204069	Amha V	
65		Laeral	Vignesh C	
66	Laeral	Saraj Balan P		
67	12	71762204108	Nathya Raj S	Dr.C.Chitra
68		71762204115	Sergey Sm	
69		71762204121	Shyam Kumar C	
70		71762204070	Tamizh Selvan L	
71		71762204087	Kaadhana S	
72		71762204127	Ummal Ghani N	
73	13	71762204128	Va Vichal	Ms.S.Dhanalakshmi
74		71762204094	Kabdash C	
75		71762204106	Narasa R	
76		71762204074	Chandni Sambhaji Sm	
77		71762204007	Chandina Prasanna M	
78		71762204100	Labakshi Praba S	
79	14	71762204030	Jehna Ghazi MS	Ms.S.Dhanalakshmi
80		71762204079	Donnalyna Infantina J	
81		71762204030	Maheshwari V.	
82		71762204110	Peyyadarshini N.S	
83		71762204114	Sanyalaha R.P.	
84		71762204082	Gayathri R.M.	
85	15	71762204080	P. Jayashree	Dr.P.Madhua Subramanian
86		71762204098	M.Kinchra Prasika	
87		71762204111	G.Priyadarshini	
88		71762204119	V.Shamini	
89		71762204073	P Bhuvanachari	
90		71762204058	M.Thani Sree	
91	16	71762204066	Aashy R	Dr.P.Madhua Subramanian
92		71762204076	Dhanesh S	
93		71762204084	Geetha S	
94		71762204104	Magd.M	
95		71762204113	Ramachandran.K	

56	71762204123	EndPage 5	
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**BEST PROJECT BATCHES:**

TEAM LEADER	REG.NO	NAME	SUPERVISOR	TITLE
Rishikumar A	71762204070	Edvito Nova A	Dr.M.Noongolhat	Telematics in ECU (Smart Cars)
	71762204080	Mehulan V		
	71762204091	Rishikumar A		
	71762204090	Saharwanan S Y		
	71762204096	Sergana V		
	71762204096	Sabwika I		
Aadharsh B	71762204001	Aadharsh B	Dr.G.Purnanavarti	Bus Tracking and Trip schedule optimization system
	71762204093	Mithana vardhini S		
	71762204008	Alia Janardhan		
	71762204001	Mitharavani S		
	71762204013	Gayathri S		
	71762204090	Rukhinder A		
Hani Abhishek K N K	71762204075	Narabolu S C	Dr.B.Purnalatha	Team Logistics Overhaul
	71762204094	Sarvika S		
	71762204008	Shruthika K		
	71762204006	Tharunja S		
	71762204013	Varun S		
	71762204013	Hani Abhishek K N K		

*(Signature)*  
 Head of Center / Coordinator  
 Electronics and Computer Engg  
 Government College of Engineering  
 Chittoor-517002



COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE- 641014  
(Government Aided Autonomous Technological Institution in India Territory)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

Name of the Activity/ Programme: MOCK INTERVIEW

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

Organizing Team:

ASSOCIATION FACULTY COORDINATORS:

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

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

IETE FACULTY COORDINATOR:

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

IES FACULTY COORDINATOR:

Dr. T. Sankaranarayanan  
Assistant Professor (SO)  
Department of ECE,  
Coimbatore Institute of Technology  
Coimbatore

## MOCK INTERVIEW

<b>Date</b>	: September 25, 26 & 27 2023
<b>Venue</b>	: 3003
<b>Expert Member</b>	: Mr. Pray, SVTS Co-ordinator
<b>Objective of the Program</b>	: To provide Final-year Electronics and Communication Engineering (ECE) students with practical experience in handling job interviews.
<b>Number of Participants</b>	: 115 Students
<b>Programme Outcome Impact</b>	: Final year student showed marked improvement in their ability to articulate their skills and experience clearly and confidently.

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

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

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

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



## CIT-BCE-Mock Interview Sample Report Overall

### Feedback

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

Tharun	18/35
Self-introduction	Need to be Improved(1/5)
Resume	It is Good(3/5)
Python	(3/5)
5.5	Q Tell me few global functions
	A append, pop, insert, list -> all these are list methods. Didn't know about global function
	Q What is print
	A print is a fun used to print. can be used without ()
	Q Is python compiled or interpreted lang
	A interpreted lang
	Q What is interpreter
	A line by line one, stops when error occurs
	Q What is variable & constant
	A. Am is variable
	Q what is function
	A. For is an better. for i in range
	Q what is range?

	A range(v, stop, step) will not include stop value starts from v value. step is needed. Get the explanation by using q on w3schools
	Q What a range return?
	A tuple
	Q What a tuple?
	A unchangeable if we want to add, we cannot add
	Q Which scenario will you use tuple?
	A unrelated one
	Q What a dictionary and set?
	A set does not allow duplicates, dictionary keys is not duplicate, value can be duplicated
	Q How do you iterate dictionary
	A using keys
	Q what is sharing
	A cannot know
<b>Problem Solving Skills</b>	(5/5)
	Q remove duplicates from list
	A simple solution - using set, using another list. Asked for optimization solution - give solution - replace the duplicate value with some character and delete it
	Logical thinking is good
	Coding is good
<b>Project</b>	(3/5)
	sewage block detector- 5 modules are there can collect 210grams of wastage. being budget some credit not do store time. Role: implementing the connection in hardware, and

	analysis: Need to explain more about the project without the consecutive questions
<b>Area of Interest</b>	1/5
<b>Computer Network</b>	
	Q Tell me about OSI layers
	A. told about all 7 layers
	Q Explain about every layer
	A. not strong in the explanation
<b>Short term / Long Term Goals</b>	Q What is your short term and long term goal
	A. get selected in reputed company long term is to buy a specific car
<b>Presentation</b>	1/5
<b>Shreya</b>	20/40
<b>Self Intro</b>	1/5
	less than 30 secs. told about name, college & school
	Q Did you take any steps to overcome your weakness
	A. Manu takes every course like C/C++, HTML, CSS
	Q Tell me about your project
	A. C++ char-by-character only
<b>Communication</b>	4/5
<b>Resume</b>	4/5
<b>C</b>	1/5
	Q What are the pointers

	A Null pointer, void, wild dangling pointers
	Q Advantages of pointer
	A to traverse the memory location, pointers saves memory
	Q What is call by value & address.
	A calling by value , calling by address
	Q what is storage class?
	A auto,static,extern,register , storage of variable
	Q What is an array
	A Collection of same data type. Index starts at 0
	Q Difference between structure and union
	A different types of data can be stored in structure unrelated one for union
<b>C++</b>	0.5
	Q What is name mangling
	A Dont know
	Q what is object slicing
	A Dont know
	Q use of templates
	A STL has many algorithms we can use it
	Q tell me about STL
	A STL has stack, queue, vectors
<b>Problem Solving Skills</b>	5.5
	Q Find the mid point of DLL
	A Slow and fast pointer: solve the functionality

Project	1:5
	Block Storage System - Need more explanation
Computer Network	4:5
	Q Explain about OSI Layers
	A Explained well about all
	Q What is encryption and encoding
	A Encryption uses key to encrypt the message. for security encoding-> all system mostly support encoding reducing length encoding to reduce length
	Q "antivivables" write a program to reduce the length "xP90of1e7"
	A use Microcontroller
	Q which microcontroller are you comfortable
	A 8051
	Q Explain about it
	A it has subunit timer, specific application, RAM, ROM, serial communication, RISC architecture
Vinesh	15:40
Self intro	3:5
Rename	4:5
Communication	2:5
	Need to be improved
C	1:5
	Q What is pointer?

	A stores address of another variable and there are no array pointers
	Q Advantages of pointer
	A don't know
	Q disadvantages of array
	A We cannot perform insertion
	Q tell me about little and big endian
	A low order - lower bytes in little endian higher order lower bytes in big endian
	Q Explain call by value & call by address
	A explained swapping of two numbers
	Q difference between call by address and reference
	A do not know
<b>Python</b>	2:5
	Q how to get input in python
	A <code>int(input())</code>
	Q how to get multiple input in the same line
	A map function is used
	Q explain about map function
	A Do not know
	Q difference between partition and split
	A do not know
	Q do you any other string functions
	A find, count, insert

	Q how to traverse the list?
	A for i in arr
	Q can a function return more than one value
	A yes
<b>DBMS</b>	1:3
	Q Tell me about joins
	A Left Join right join, Full join
	Q difference between having and where clause
	A where is used as if else, having is used in aggregation
<b>Project</b>	1:3
	Car Parking System
	Will check the parking area is available or not
<b>CN</b>	1:3
	Q tell me about OSI
	A Only 3 told
	Q What is mac and ip address
	A it is used in HUB
	Q What is a HUB
	A It is used to connect more than one system
	Q What is LAN
	A Local Area Network
<b>Short / Long term goals</b>	
	Short: Good position in reputed company

	Long full stack developer
Rating on languages	
C	4.5
Python	3.5
SQL	3.5

  
 Department of Computer Science and Engineering  
 Electronics and Communication Engineering  
 Institute of Technology  
 COUSAR/17/02 - 14



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

B.E. ELECTRONICS AND COMMUNICATION ENGINEERING  
ECE ASSOCIATION, IETE STUDENT'S FORUM & IRO STUDENT'S CHAPTER  
ACTIVITIES 2023-2024

Name of the Activity/ Program: First Lecture on "Career Guidance"

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

Organizing Team:

ASSOCIATION FACULTY COORDINATOR:

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

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

IETE FACULTY COORDINATOR:

Dr. R. Bhaskaravenu  
Assistant Professor  
Department of ECE,  
Coimbatore Institute of Technology,  
Coimbatore

IRO FACULTY COORDINATOR:

Dr. T. Balakrishnan  
Assistant Professor (SO)  
Department of ECE,  
Coimbatore Institute of Technology,  
Coimbatore

## CAREER GUIDANCE PROGRAM

<b>Date</b>	: September 27, 2023
<b>Venue</b>	: LECN Library/Block Conference Hall,
<b>Resource Person(s) Name, Designation and Address:</b>	: Mr. S Siddarth, Manager (Operations) at TIME, Coimbatore.
<b>Objective of the Programme</b>	: To assist individuals in making informed and fulfilling career choices by providing information, resources, and guidance tailored to their skills, interests, and goals.
<b>Number of Participants:</b>	: 100 Students
<b>Programme Outcome Impact</b>	: Participants were informed of different career choices and the program reduced career-related stress.

### Salient Features of the Programme

A lecture on "Career Guidance" took place at the Library Block Conference Hall, Coimbatore Institute of Technology, Coimbatore, on Sep 27, 2023, from 02:00 to 04:30 PM. Mr. S. Siddarth, Manager (Operations) at TIME, Coimbatore enlightened the students about different career paths. Dr. S. Umashankaran, M.D of the Department of Electronics and Communication Engineering at Coimbatore Institute of Technology, presided over the meeting.

Mr. Siddarth's comprehensive lecture on career guidance delved into multifaceted aspects, offering a wealth of insights for individuals navigating the intricate landscape of professional choices. Throughout the discourse, Mr. Siddarth emphasized the pivotal role of self-discovery in shaping a fulfilling career trajectory.

One of the key takeaways from Mr. Siddarth's lecture was the importance of aligning personal values and interests with one's chosen profession. He elucidated that a harmonious integration of these factors not only fosters a sense of purpose but also enhances job satisfaction. Mr. Siddarth argued that understanding oneself, including one's strengths, passions, and values, lays a robust foundation for making informed career decisions.

Moreover, Mr. Siddarth underscored the evolving nature of the job market and the necessity for individuals to cultivate adaptability and a commitment to lifelong learning. He acknowledged that the rapidly changing dynamics of industries require professionals to stay abreast of emerging trends and acquire new skills continually. Mr. Siddarth's emphasis on adaptability resonated as a crucial aspect for sustained success in a world characterized by technological advancements and globalization.

In Mr. Siddarth's view, career guidance goes beyond merely choosing a profession; it entails a holistic approach that considers personal growth, satisfaction, and contribution to society. He urged the audience

to reflect on their aspirations, recognizing that a fulfilling career extends beyond financial success to encompass personal fulfillment and societal impact.

The lecture provided practical strategies for self-assessment and exploration. Mr. Siddarth suggested various tools and exercises to aid individuals in identifying their strengths, weaknesses, interests, and values. By encouraging a thorough understanding of oneself, Siddarth aimed to empower individuals to make more informed and purposeful career decisions.

Mr. Siddarth also addressed the significance of mentorship and networking in the professional journey. He shared anecdotes and case studies illustrating the transformative impact of guidance from experienced mentors. Mr. Siddarth stressed the importance of building a supportive professional network, emphasizing how connections and relationships can open doors to opportunities and provide valuable insights.

Furthermore, Mr. Siddarth delved into the concept of career resilience, highlighting the inevitability of setbacks and challenges in any professional journey. He encouraged the audience to view obstacles as learning experiences and opportunities for growth rather than insurmountable roadblocks. Mr. Siddarth's perspective on resilience resonated as a valuable mindset for navigating the uncertainties of a career path.

Throughout the lecture, Mr. Siddarth addressed the changing nature of work, acknowledging the rise of remote and flexible work arrangements. He discussed the implications of these changes on traditional career trajectories, emphasizing the importance of adaptability and embracing technology as integral components of a modern professional skill set.

In addition to individual self-assessment, Mr. Siddarth explored the concept of societal impact in career choices. He discussed the growing trend of socially responsible business practices and the increasing importance of contributing to causes that align with personal values. Mr. Siddarth advocated for a broader perspective that considers the ethical and social implications of professional decisions.

The lecture's practical approach extended to the exploration of various industries and professions. Mr. Siddarth provided insights into emerging sectors, potential growth areas, and the skills required to thrive in these fields. His comprehensive overview aimed to equip the audience with the knowledge needed to make informed decisions in a rapidly evolving job market.

In conclusion, Mr. Siddarth's lecture on career guidance was a rich tapestry of insights, combining self-discovery, adaptability, mentorship, and societal impact. By emphasizing the holistic nature of career decisions, Mr. Siddarth empowered individuals to approach their professional journeys with purpose and resilience.

Brochure



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AICTE, NEW DELHI & AFFILIATED TO JSSR UNIVERSITY, SHRIHANGUR)

**DEPARTMENT OF ELECTRONICS &  
COMMUNICATION ENGINEERING**

|||

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

PL 2002, L T 2001, B L 10, 11, 14

**CAREER GUIDANCE PROGRAM**



**PROFESSOR (ELECTRICAL)**  
**Mr S. SIDDARTH**  
The Power of  
Ideas

**Dr. SURESHKUMAR**      **Dr. P. PRASADHAR**

**TIME - 2:00 PM - 2:15:00 PM**      **VIBRA LAB**

**Career Guidance.**

**Discussion with Mr S Siddarth , Manager (Operations) at T.I.M.E., Coimbatore.**





*Prof. B. S. Chakrabarti*  
Institute of Social Communication  
Electronics and Computer Science  
Gangadharanagar, Mysore  
@SABARJAG - 14



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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

Name of the Activity/ Programme: Guest Lecture on "Gen AI- A Deep Dive into"

Number of students/ Year : 115 : II & III year B.E. ECE

Organizing Team:

ASSOCIATION FACULTY COORDINATORS:

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

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

IETE FACULTY COORDINATOR:

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

IETC FACULTY COORDINATOR:

Dr. T. Balakumaran  
Assistant Professor (S/O)  
Department of ECE,  
Coimbatore Institute of Technology  
Coimbatore

## Gen AI: A Depth Discussion

<b>Date</b>	October 09, 2023
<b>Venue</b>	LRCE - Library Block Conference Hall,
<b>Resource Person(s) Name, Designation and Address:</b>	Mr. Anish Kumar, AI Software Engineer at Intel Bangalore, Dr. Shantanu Kirti Vasudevan, Lead Technical Evangelist at Intel India Pvt. Ltd, Bangalore.
<b>Objective of the Programme</b>	To provide a comprehensive insight into Generative AI Technology and foster a deeper understanding of AI technologies and inspire future innovation in this rapidly evolving domain.
<b>Number of Participants</b>	125 Students
<b>Programme Outcome / Impact</b>	Created a deeper understanding of Generative AI and its real- world applications.

### Salient Features of the Programme

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

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

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

Following Dr. Vasudevan, Mr. Anish Kumar explored a range of intriguing subjects. He provided a comprehensive explanation of "viable diffusion," which refers to the method of effectively and consistently disseminating information. This technique is widely used in DALL-E 2 and Midjourney for AI Image Generation. Additionally, he offered a foundational overview of "LLM: Large Language Model" Fine-tuning, a game-changing process in enhancing AI systems.

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

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

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

## Brochure

The brochure features a dark blue background with a subtle pattern of glowing particles. At the top, there are four logos: a yellow sun-like circle, a colorful geometric shape, a circular emblem with a tree, and a white triangle with a blue design. Below the logos, the text is centered and reads: 'COMBATORE INSTITUTE OF TECHNOLOGY', 'DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING', 'ECE ASSOCIATION, IETE STUDENTS FORUM & IED STUDENTS CHAPTER', and the main title 'GEN AI - A DEPTH DISCUSSION'. The speakers are listed as 'MR. ANISH KUMAR' and 'DR. SUMAN KRISHNA VAIDYA'. The event is presented by 'PRADEEP K. S.' and 'S. S. S. S. S.'. The date and time are '15th FEBRUARY 2024' and '6:30 PM - 8:30 PM'. The location is 'CENTRAL LECTURE HALL, COIT'. At the bottom, there is a QR code and the text 'FOR MORE INFORMATION CONTACT: 94490 94490'.

**COMBATORE INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**ECE ASSOCIATION,  
IETE STUDENTS FORUM &  
IED STUDENTS CHAPTER**

**" GEN AI -  
A DEPTH DISCUSSION "**

**MR. ANISH KUMAR     DR. SUMAN KRISHNA VAIDYA**

**PRESENTED BY  
PRADEEP K. S.**

**S. S. S. S. S.**

**15th FEBRUARY 2024     6:30 PM - 8:30 PM**

**CENTRAL LECTURE HALL, COIT**

**FOR MORE INFORMATION CONTACT: 94490 94490**

**Generative AI: A Depth Discussion:**

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



**Discussion with Dr. Sivaram Kiru Varadrasa, Lead Technical Evangelist at Intel India Pvt. Ltd., Bangalore.**



Mr. Ansh Kumar, AI Software Engineer at Intel Nagasaki.



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



*Dr. M. Pongesthi*  
Member of Cluster Council  
Electronics and Comm. Engg.  
Sri Sankar Institute of Technology  
COIMBATORE - 14



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

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

Name of the Activity/ Programme: Guest Lecture on 'Advanced Developments in Satellite based Services'

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

Organizing Team:

ASSOCIATION FACULTY COORDINATORS:

Dr. N. Poongodi  
Professor  
Department of ECE,  
Coimbatore Institute of Technology  
Coimbatore

Ms. C. Subin Priyadarshini  
Assistant Professor  
Department of ECE,  
Coimbatore Institute of Technology  
Coimbatore

IETE FACULTY COORDINATOR:

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

IE(I) FACULTY COORDINATOR:

Dr. T. Balakrishnan  
Assistant Professor (SO)  
Department of ECE,  
Coimbatore Institute of Technology  
Coimbatore

### Advanced Developments in Satellite based Services

<b>Date</b>	October 18, 2023
<b>Venue</b>	LBCH - Library Block Conference Hall,
<b>Resource Person(s) Name, Designation and Address:</b>	Dr. T. Senthil Vinayagam, Technical Head for the 5G Technology, Architecture and Implementation, Jeyra Tech, Coimbatore
<b>Objective of the Programme</b>	To share the latest satellite technology advancements, promote practical applications, facilitate industry networking, address policy and regulatory issues, explore business opportunities, ensure environmental sustainability, discuss security, and raise public awareness.
<b>Number of Participants</b>	100 Students
<b>Programme Outcome / Impact</b>	Participants were endowed with up-to-date knowledge and foster collaborations in advancing satellite industry and its applications.

#### Salient Features of the Programme

A lecture on "Advanced Developments in Satellite based Services" took place at the Library Block Conference Hall, Coimbatore Institute of Technology, Coimbatore, on Oct 18, 2023, from 02:00 to 04:30 PM. Dr. T. Senthil Vinayagam, Technical Head for the 5G Technology, Architecture and Implementation, Jeyra Tech, Coimbatore enlightened the students in the tract of satellite communications. Dr. S Uma Maheswari, HoD of the Department of Electronics and Communication Engineering at Coimbatore Institute of Technology, presided over the meeting.

Dr. Uma Maheswari commenced the lecture focused on the advanced progress in satellite-based services by delivering an insightful explanation of the fundamental concepts in satellite technology, thereby preparing the ground for the subsequent conversation. Furthermore, she graciously welcomed and introduced the distinguished guest, Dr. T. Senthil Vinayagam, highlighting his remarkable contributions to the field of satellite-based services and laying the groundwork for the ensuing discussion. She also noted that Dr. Vinayagam had a rich 14-year tenure in our esteemed institute's Department of ECE, adding valuable experience to the discourse.

Dr. Senthil Vinayagam sparked a vibrant discussion by providing the students with a concise introduction to satellite technology. He elaborated on the diverse classification of satellite communication technologies, emphasizing their profound impact on the field of satellite-based services and their applications in various industries. Dr. Senthil Vinayagam also shed light on the intricate relationship between satellite design and data transmission, offering valuable insights into their applications and potential advancements in the satellite-based service domain.

Moreover, he emphasized the paramount significance of Very Small Aperture Terminal (VSAT) technology in revolutionizing satellite communications. VSAT technology not only enhances

connectivity but also provides remote access to vital satellite services, thus bridging the digital divide. Additionally, he highlighted the growing role of 5G technology in maritime usage, enabling us faster and more reliable data communication at sea, which in turn, enhances maritime operations, safety, and efficiency.

In addition to these insights, Dr. Vinayagam introduced two key players in the satellite technology landscape. The National Remote Sensing Agency (NRSA) plays a pivotal role in harnessing satellite data for environmental monitoring, disaster management, and resource planning. High-Altitude Pseudo-Satellites (HAPS), representing a new frontier, promise extended coverage and versatile applications, such as surveillance, environmental research, and enhanced connectivity, transforming how we harness satellite-based services.

In summary, this discussion shed light on the extraordinary potential of satellite technology in a global market. The reach and adaptability of satellite-based services extend far beyond geographic boundaries, benefiting a multitude of industries, businesses, and communities worldwide. As technology continues to evolve, satellite technology is poised to take on an increasingly pivotal role in addressing global challenges, expanding connectivity, and driving innovation.

Following the discussion, as a mark of gratitude and admiration, B. Sureshchandra bestowed a memento upon Dr. T. Senthil Vinayagam. This gesture not only recognized his significant contributions and expertise but also symbolized appreciation for the enlightening insights and time shared with the young minds.

The gathering evolved into a priceless educational experience for the students of Coimbatore Institute of Technology. Dr. T. Senthil Vinayagam's insightful presentation deepened the students' grasp of satellite technology and its practical applications in communication. Dr. Uma Maheswari's expert guidance and introduction of esteemed guests infused the discussion with a futuristic perspective, showcasing the latest advancements and leaving students inspired and excited about the future of satellite communication.



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www.combosatel.com

**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**NEW ASSOCIATION OF MTE STUDENTS FORUM & MTE STUDENTS CHAPTER**

**ADVANCED DEVELOPMENTS IN SATELLITE BASED SERVICES**



**DR. T. SENTHIL KUMAR**  
ASSOCIATE PROFESSOR

**LECTURER**  
**DR. S. LEELA**

**DR. S. SURESHKANTH, DR. T. BALAJI, DR. JAYAKANTH**

**REC. SATELITE PROFESSIONALS OF A. M. S. COLLEGE**

**THE J. S. S. PE. W. COLLEGE, SETHUPATI, LAKSHI**

**Advanced Developments in Satellite based Services:**

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



**Discussion with Dr. T. Senthil Vinayagam, Technical Head for the 5G Technology, Architecture and Implementation, Janya Tech, Coimbatore.**





Dr.B.Eluvandurai, honoring Dr.Senthil Vinayagam by presenting him with a memento.



*Rajesh Rajagopal*  
Head of Center for  
Electronics and Cyber Tech  
Center for Institute of Technology  
Chennai, India



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

Name of the Activity/ Programme: Guest Lecture on 'Career Opportunities in Indian Armed Forces'

Number of students/ Year : 115 : II & III year B.E. ECE

Organizing Team:

ASSOCIATION FACULTY COORDINATORS:

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

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

IETE FACULTY COORDINATOR:

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

IETC FACULTY COORDINATOR:

Dr. T. Balakrishnan  
Assistant Professor (S/O)  
Department of ECE,  
Coimbatore Institute of Technology  
Coimbatore

## Career Opportunities in Indian Armed Forces

<b>Date</b>	: November 1, 2023
<b>Venue</b>	: LBCH - Library Block Conference Hall,
<b>Resource Person(s) Name, Designation and Address</b>	: Mr. Col Jacob G Podipara
<b>Objective of the Programme</b>	: To provide a comprehensive insight about Career Opportunities in Indian Armed Forces and foster a deeper understanding of various career paths in defense after Bachelors in Engineering.
<b>Number of Participants</b>	: 112 Students
<b>Programme Outcome / Impact</b>	: Gain better idea about Career Opportunities in Indian Armed Forces after UG Degree in Engineering.

### Salient Features of the Programme

"Career Opportunities in Indian Armed Forces" took place at the Library Block Conference Hall, Coimbatore Institute of Technology, Coimbatore, on Nov 01, 2023, from 02:30 to 03:30 PM. Mr. Col Jacob G Podipara, shared his expertise on Career Opportunities in Indian Armed Forces. Dr. B Uma Maheswari, HoD of the Department of Electronics and Communication Engineering and Dr T Balakrishnan, Assistant Professor, Department of Electronics and Communication Engineering, at Coimbatore Institute of Technology, presided over the meeting.

Dr T Balakrishnan commenced the event with an insightful briefing on the various roles and jobs available in the Defense Forces of our country for students with an UG degree at hand, thus, setting the stage for the ensuing discussion. He also welcomed and introduced to the students, the distinguished guest, Mr. Col Jacob G Podipara. His introduction emphasized the guest speaker's remarkable contributions to the Indian Armed Forces, establishing a foundation of expertise for the discourse that followed.

Mr. Col Jacob G Podipara started the discourse by introducing the students to the various career paths in the Indian Armed Forces. He talked about the different roles one can take on, from being on the front lines as infantry to working behind the scenes in logistics. He stressed the importance of being able to adapt to different situations and the need for resilience in these demanding roles.

He shared stories from his own career to illustrate his points and gave the students a glimpse into the tough training that prepares individuals for these roles. He also highlighted the opportunities for learning and growth within the forces, including professional development courses and higher education options. His talk gave the students a better understanding of the many career opportunities in the defense sector.

After the discussion, Mr. C Sobha Periyaswari, in a gesture of appreciation and respect, honored Mr. Col Jacob G Podipara by presenting him with a memento. This act not only acknowledged his valuable contributions and expertise but also served as a token of gratitude for his enlightening insights and valuable time shared with the audience.

The meeting proved to be an invaluable learning experience for the students of Coimbatore Institute of Technology. Through the insightful presentations of Career Opportunities in Indian Armed Forces, students gained a better idea about Career Opportunities in Indian Armed Forces after UG Degree in Engineering. Dr. Uma Maheswari's adept facilitation and introduction of the seasoned guests added a layer of inspiration, leaving students with a sense of purpose and excitement for a future in non-traditional career path of Indian Armed Forces.

Brochure:






**COIMBATORE INSTITUTE OF TECHNOLOGY**  
 GOVERNMENT ENGINEERING COLLEGE, BANGALORE  
 GOVT. ENGINEERING COLLEGE, BANGALORE  
 DEPARTMENT OF ELECTRONICS &  
 COMMUNICATIONS ENGINEERING  
 1ST SEMESTER  
 1ST SEMESTER STUDENTS FORUM &  
 1ST SEMESTER STUDENTS  
 2023-2024

**'CAREER OPPORTUNITIES IN  
 INDIAN ARMED FORCES'**  
 PRESENTED BY  
**Mr. Dil Anand D. Padigara**  
 ASSISTANT PROFESSOR  
 DEPARTMENT OF ELECTRONICS &  
 COMMUNICATIONS ENGINEERING  
 COIT  
 COIMBATORE

**Dr. M. P. Srinivasan**     **Dr. V. Subramanian**  
 CHIEF GUEST     CHIEF GUEST  
**Dr. B. Srinivasan**     **Dr. S. Srinivasan**  
 GUEST SPEAKER     GUEST SPEAKER

11:30 AM - 12:30 PM     12:30 PM - 01:30 PM     01:30 PM - 02:30 PM

**'ONE OF  
 US IS  
 BETTER  
 TO TEN  
 OF  
 THEM'**



## Career Opportunities in Indian Armed Forces

Addressed by Dr T Balakrishnan, Assistant Professor, ECE Department, CIT.



Mr. Col Jacob C Podipara Interacting With Students





Mr. C. Sathya Prayatharasi, honoring Mr. Carl Jacob D. Pedras by presenting him with a certificate



*Carl Jacob D. Pedras*  
Mr. Carl Jacob D. Pedras  
**Electronics and Control Engg**  
CEN 2019-2020  
COMBATONG - 14



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING

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

Name of the Activity/ Programme: Career Guidance-GATE Forum

Number of students/ Year : 111 / II & III year B.E. ECE

Organizing Team:

ASSOCIATION FACULTY COORDINATORS:

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

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

IETE FACULTY COORDINATOR:

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

IEE FACULTY COORDINATOR:

Dr.Y.Balakrishnan  
Assistant Professor (SO)  
Department of ECE,  
Coimbatore Institute of Technology  
Coimbatore

## GATE FORUM

<b>Date</b>	: March 12, 2024
<b>Year</b>	: Auditorium
<b>Objective of the Program</b>	: To assist individuals in making informed and fulfilling career choices by providing information, resources, and guidance tailored to their skills, interests, and goals.
<b>Number of Participants</b>	: 133 Students
<b>Program's Overall Impact</b>	: Participants were informed of different career choices and the program reduced career-related stress.

On March 12, 2024, the auditorium hosted a pivotal career guidance seminar aimed at assisting individuals in making informed and fulfilling career choices. The seminar, attended by 133 students, was designed to provide tailored information, resources, and guidance aligned with each participant's unique skills, interests, and goals.

A Q&A session provided an opportunity for students to seek personalized advice and clarify their queries. Overall, the seminar was highly effective in reducing career-related stress by providing clarity and actionable guidance, helping participants feel more confident and prepared for their future career decisions. The program successfully combined informative content with practical skill development, making a significant impact on the attendees' career planning and readiness.





*Engl Bay by of at*  
Department of Electrical Engineering  
Electronics and Control Engg  
Cantonment Institute of Technology  
COIMBATORE - 14



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING

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

Name of the Activity/Program: **We Offer an "GENAI- The AI Revolution"**

Number of students/Year : 100 External Participants

Organizing Team:

ASSOCIATION FACULTY COORDINATORS:

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

Ms.C.Selva Prayatharani  
Assistant Professor  
Department of ECE,  
Coimbatore Institute of Technology  
Coimbatore

IETE FACULTY COORDINATOR:

Dr.S.Shravanrao  
Assistant Professor  
Department of ECE,  
Coimbatore Institute of Technology  
Coimbatore

IEDS FACULTY COORDINATOR:

Dr.T.Balaraman  
Assistant Professor (SO)  
Department of ECE,  
Coimbatore Institute of Technology  
Coimbatore

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

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

# ***PINNACLE 2K24***



**GENAI – THE AI REVOLUTION**

REPORT-2024-25

<b>Title</b>	: GENAI: The AI Revolution
<b>Chief guest</b>	: DR. SHIBRAM KESU VAIDYAN P.D., Lead Technical Evangelist, AIOF Software and Advanced Technology Group, Intel India Pvt.Ltd,Bangalore,India
<b>Date</b>	: 13-03-2024
<b>Venue</b>	: Main building conference hall
<b>Event Coordinator</b>	: Shashank S.R

#### INTRODUCTION:

The activities titled "GENAI - THE AI REVOLUTION" was held on March 13, 2024 with distinguished speaker Dr. Shibram Kesu Vaidyan, a renowned expert from Intel India Pvt.Ltd, as students explore the transformative power of AI at the Main Building Conference Hall. It was conducted as part of POTENTIAL '24 - A National Level Symposium.

#### OBJECTIVE:

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

#### PROCEEDINGS:

The event began with opening remarks from Sh.Nithin setting the stage for a day filled with insightful discussions and engaging activities. Then it was taken over by the chief guest Dr. Shibram Kesu Vaidyan. The event started approximately around 11:00 am and he just started on how to generate an image with four lines of code. He then started to give brief explanation on what is GENAI,LLM,PROMPTS and so on. He then gave real time examples and showed the students on how the image is generated realtimely with just four lines of prompt and finally he gave quick overview on how to access and develop cloud services.

#### CONCLUSION:

The event was a grand success in fostering a culture of innovation and creativity. The vocal thanks was provided by Sh.Nithin. The event served as a platform for participants to connect, learn, and grow, inspiring them to pursue their dreams with passion and determination. As students, the anticipation of the future is weighed with confidence that the knowledge gained at this hands-on workshop will prove very helpful in our AI's journey.







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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

B.E. ELECTRONICS AND COMMUNICATION ENGINEERING  
ECE ASSOCIATION, IETE STUDENT'S FORUM & REGISTRATION CHAPTER  
ACTIVITIES 2023-2024

Name of the Activity/Programme: National level Symposium - "FUSION'23" &  
National level Workshop - "NEXUS'23"

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

Organizing Team:

ASSOCIATION FACULTY COORDINATORS

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

Ms. C. Sathya Prayashankari  
Assistant Professor  
Department of ECE,  
Coimbatore Institute of Technology  
Coimbatore

IETE FACULTY COORDINATOR

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

RFI FACULTY COORDINATOR

Dr. T. Balakrishnan  
Assistant Professor (SO)  
Department of ECE,  
Coimbatore Institute of Technology  
Coimbatore

**COIMBATORE INSTITUTE OF TECHNOLOGY,  
COIMBATORE - 641014**

**(Government Aided Autonomous Institution Affiliated to Anna  
University)**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**BE ELECTRONICS AND COMMUNICATION ENGINEERING  
ECE ASSOCIATION, IETE STUDENT'S FORUM & IE(I)  
STUDENTS' CHAPTER**

***PINNACLE &  
NEXUS 2K24***



**REPORT : 2023-24**

**DATE:** 22.09.2023 & 29.09.2023

**CONVENERS:**

- Dr S.Uma maheswari (Professor and Head of the Department)
- Dr M.Poongothai (Professor,ECE)

**FACULTY COORDINATORS:**

- Dr B Bharaneshwari(Assistant professor,ECE)
- Dr T Balakumaran(Assistant professor,ECE)
- Mrs C Subha Priyadheeshini(Assistant professor,ECE)

**STUDENT COORDINATORS:**

- Parvathi M(B.E ECE III Year)
- Shashwath K(B.E ECE III Year)
- Sanjay V (B.E ECE III Year)

## **LOGO LAUNCH:**

**DATE:**5<sup>th</sup> February 2024

**VENUE:**LBCH

**TIME:**4:30PM-5:00PM

The logo launch event commenced at approximately 4.30 pm, enveloped in an aura of anticipation and excitement. The solemnity of the occasion was accentuated by the resonant strains of a prayer song echoing through the venue, instilling a sense of reverence and unity among attendees. Spearheading the proceedings were esteemed personalities, including the coordinator of CIT, Ms. K. Divya Maham Rajiv, whose poised demeanor and fervent dedication set the tone for the event. Alongside her stood the illustrious principal of CIT, Dr. A. Rajaswari, a beacon of wisdom and guidance, whose presence infused the gathering with a palpable sense of authority and inspiration. Adding to the august assembly was the Head of the ECE department, Dr. S. Uma Maheswari, whose erudition and passion for academic excellence resonated with all present. Together, they formed a formidable triumvirate, guiding the institution towards greater heights of success and distinction.



As the event unfolded, each juristary took to the stage, delivering heartfelt addresses that stirred the hearts and minds of the assembled students. Ms. K. Divya Mahasa Rajiv, with her eloquence and poise, articulated the significance of the logo launch in the context of CIT's rich legacy and vision for the future. Her words served as a clarion call to the students, urging them to embrace the values embodied in the emblem and strive for excellence in all their endeavors. Dr. A. Rajeshwari, in her address, underscored the importance of innovation and collaboration in fostering a vibrant academic community, wherein students are empowered to realize their fullest potential. Her impassioned plea for unity and collective action reverberated across the auditorium, igniting a spark of determination in every heart.

Dr. S. Uma Maheswari, the revered Head of the ECE department, brought her unique perspective to the fore, emphasizing the symbiotic relationship between tradition and innovation in shaping CIT's identity. Drawing upon her vast reservoir of knowledge and experience, she elucidated the role of the logo as a symbol of continuity and evolution, linking the institution's storied past with its promising future. As each speaker concluded their address, the air crackled with anticipation, heralding the momentous unveiling of the logo.



Amidst a hushed expectancy, the logo was unveiled, bathed in a spotlight that seemed to imbue it with an ethereal glow. Designed to encapsulate CIT's core values of excellence, integrity, and inclusivity, the emblem served as a visual manifesto, a testament to the institution's unwavering commitment to academic excellence and holistic development. As the audience gazed upon the logo, a collective sense of pride and belonging swelled within them, reaffirming their allegiance to the CIT community.

However, the logo launch event was not merely a formal ceremony; it was a celebration of talent, creativity, and camaraderie. To enliven the proceedings, students showcased their artistic prowess through mesmerizing performances, ranging from exuberant dances to soulful renditions of popular melodies. Each performance was a testament to the vibrant diversity of talent within the CIT fraternity, showcasing the myriad ways in which creativity and expression can enrich the academic experience.

As the event drew to a close, a sense of fulfillment pervaded the air, mingling with the lingering echoes of applause and admiration. The logo launch had not only heralded a new chapter in CIT's illustrious history but had also served as a rallying cry for students to uphold the



institution's values and aspirations. With hearts brimming with pride and minds ablaze with inspiration, attendees departed the venue, carrying with them memories of an event that had united them in purpose and passion.





COIMBATORE INSTITUTE OF TECHNOLOGY

CAREER GUIDANCE & COUNSELLING CELL

DEPARTMENT OF ELECTRONICS &  
COMMUNICATION ENGINEERING

ECE ASSOCIATION  
ETE STUDENTS FORUM &  
EEU STUDENTS CHAPTER

Logo  
Launch

REGIONAL LEVEL BOARD OF INDIAN TECHNICAL EDUCATION

NEXUS 24

Pinnacle 2024

DATE: 22/03/24 TIME: 1:30 PM TO 4:30 PM

OUR PARTNERS



BYTS



HEXAMINE

SHRI  
OMATI

## ADDRESS

Project Director

Lighting of Cultural Heritage

Workshop Address

Dr. G. G. Nathanael  
Professor & Head  
Department of PCLCP

About the Event

Dr. M. K. Sengupta

National Level Technical

Professor

Workshop - IITKGP in

Department of CEI - CIT

MOU Office

Student Coordinator - IITKGP 24

About the Event

Mr. M. Bhattacharya

National Level Technical

Student Coordinator

Symposium - IITKGP 2015

875 Students' Forum

Workshop Address

Dr. A. Bhattacharya

Professor, IIT

Publication Address

Dr. M. S. Bhattacharya

Coordinator - CIT Institutions

## USGG LAUNCH

Site of Theme

Dr. M. S. Bhattacharya

Student Coordinator

80 Students' Forum

## **DAY 1**

**DATE:** 22<sup>nd</sup> March 2024

### **ABOUT PINNACLE:**

Our National level technical symposium, **PINNACLE** is a dynamic platform where professionals, researchers, and students converge to share and explore the latest advancements in science, engineering, and technology. These events typically feature keynote speakers, paper presentations, workshops, and discussions, fostering an environment for the exchange of ideas and knowledge. Attendees have the opportunity to delve into cutting-edge research, engage in networking, and gain insights into emerging trends, making technical symposiums vital in promoting collaboration and innovation within various fields of study.

### **PROCEEDINGS:**

The symposium commenced with great anticipation as guests began to arrive, marking the inauguration of what promised to be an enlightening and engaging event. The registration process ran smoothly, efficiently handling the influx of participants eager to immerse themselves in the day's proceedings. As the morning progressed, more and more attendees flooded in, surpassing expectations and adding to the vibrant atmosphere. The event kicked off around 10 a.m. with a buzz of excitement in the air as participants eagerly awaited the start of the scheduled activities.

Throughout the day, a diverse range of technical and non-technical events were organized, catering to the varied interests and expertise of the attendees. From panel discussions to hands-on workshops, there was something for everyone to participate in and learn from. The organizers ensured that the events ran seamlessly, with meticulous planning and attention to detail evident in every aspect of the symposium.

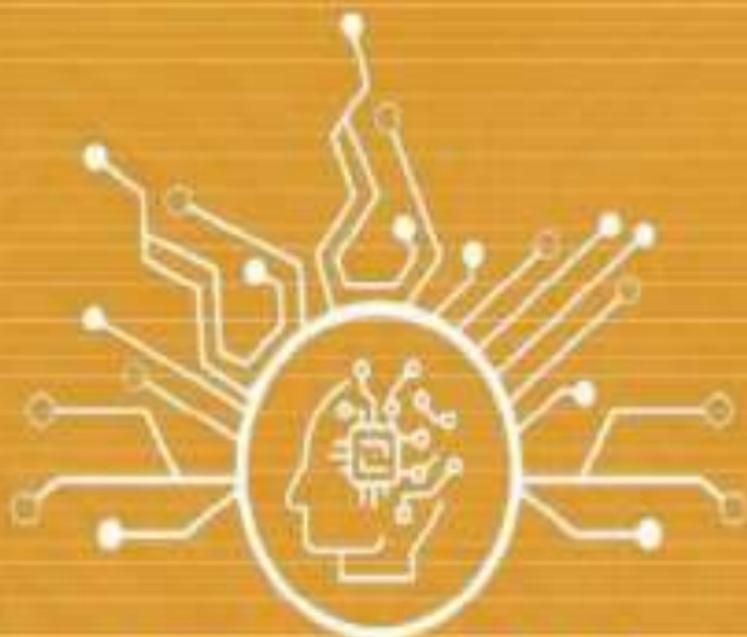
As the day unfolded, the unexpected number of participants only served to enhance the energy and enthusiasm of the event. Despite the challenges posed by the sheer volume of attendees, the organizers rose to the occasion, demonstrating their adaptability and dedication to ensuring a memorable experience for all involved.

From engaging keynote speeches to interactive breakout sessions, the symposium offered a wealth of knowledge and insights for participants to absorb and take away. Whether delving into the latest technological advancements or exploring innovative solutions to pressing global issues, the discussions were thought-provoking and inspiring.

As the evening approached, the symposium drew to a close, leaving participants with a sense of fulfillment and inspiration. Reflecting on the day's events, it was evident that the symposium had succeeded in its mission to foster collaboration, innovation, and learning among its diverse community of attendees.

In conclusion, the symposium was a resounding success, thanks to the dedication and hard work of the organizers, the enthusiasm of the participants, and the engaging content that filled the day from start to finish. With its seamless organization, diverse program, and unexpected turnout, the symposium exemplified the power of community and collaboration in driving meaningful change and progress.

No. of participants = 1500+ from various colleges



**PINNACLE**  
2K24

## INSIGHTS: INAUGURATION

The event commenced promptly at 10 am with Mr. Penn Arzadani gracefully lighting the ceremonial lamp, marking the beginning of what promised to be a remarkable affair. The room, filled with eager attendees, buzzed with anticipation as the soft glow of the lamp illuminated the stage, casting a warm ambience over the venue. Mr. Penn Arzadani's dignified presence commanded attention as he delicately ignited the wick, symbolizing enlightenment and auspicious beginnings. The flickering flames danced in harmony, casting intricate patterns of light and shadow across the room, as if foreshadowing the dynamic and illuminating discussions that were yet to unfold. The audience, captivated by the solemnity of the moment, watched in awe as the ritual unfolded, acknowledging the significance of this traditional gesture. The ceremonial start set the tone for an eventful day ahead, instilling a sense of unity and purpose among the participants. As the flame steadily burned, it served as a beacon of hope and inspiration, guiding the attendees through the enlightening journey that lay ahead. Mr. Penn Arzadani's gesture of lighting the lamp not only honored tradition but also ignited a collective spirit of camaraderie and enlightenment, ensuring that the event began on a truly auspicious note.





#### REGISTRATION PROCESS:

The registration process for the event had been meticulously planned, with a maximum number of participants carefully calculated to ensure an optimal experience for all involved. However, as the day unfolded, the organizers were met with an unexpected surge in registrations, exceeding their initial expectations. This unforeseen influx of participants presented both challenges and opportunities, requiring quick thinking and adaptability on the part of the organizing team.

Despite the initial shock, the organizers rose to the occasion, swiftly mobilizing resources to accommodate the increased numbers while maintaining the integrity and quality of the event. Additional seating arrangements were hastily put in place, and extra copies of event materials were procured to ensure that each attendee was adequately catered to. The unexpected registration spike, though initially daunting, served as a testament to the widespread interest and enthusiasm surrounding the event, affirming its significance and relevance within the community. As word of the event spread, more and more individuals sought to be a part of the transformative experience it promised to offer, eager to engage with like-minded peers and experts in their respective fields. Despite the logistical hurdles posed by the sudden surge in registrations, the organizers remained undeterred, viewing the unprecedented turnout as a testament to the event's growing reputation and impact. Their unwavering commitment to delivering a seamless and enriching

experience for all participants shone through as they navigated the challenges posed by the unexpected influx with grace and professionalism. The unexpected registration surge served as a reminder of the importance of flexibility and adaptability in event planning, highlighting the need to anticipate and accommodate for unforeseen circumstances. In the face of adversity, the organizers demonstrated resilience and resourcefulness, turning a potential setback into an opportunity for growth and innovation. As the event unfolded, the bustling venue buzzed with energy and excitement, fueled by the collective enthusiasm of the diverse array of participants who had come together to share in the experience. The unexpected registration surge, far from detracting from the event, served to enrich, adding an extra layer of vibrancy and dynamism to an already electrifying atmosphere. In the end, the organizers emerged triumphant, having successfully navigated the challenges posed by the unexpected influx of participants, and the event concluded on a high note, leaving a lasting impression on all those who had the privilege of being a part of it.





Despite the challenges, organizers ensured a vibrant, successful event.

## WORKSHOP:

- PCB DESIGN & FABRICATION
- VEHICULAR AD-HOC NETWORKS
- GEN AI - THE AI REVOLUTION

### **PCB DESIGN & FABRICATION**

The PCB Designing Workshop by the expert MRM BALAJEE, Product Manager, Enigma technology solutions India Pvt. Ltd., is a collaborative endeavor between industry experts and enthusiasts, promises to be a transformative experience for participants. Scheduled to take place over several days, the workshop aims to provide attendees with comprehensive knowledge and hands-on experience in the intricacies of printed circuit board (PCB) design. Through a combination of informative lectures, interactive sessions, and practical exercises, participants will delve into the fundamentals of PCB layout, component placement, routing techniques, and design validation. Led by seasoned professionals with years of industry experience, the workshop will offer invaluable insights and practical tips to help attendees master the art of PCB design and optimization.

From understanding the nuances of signal integrity and impedance control to navigating the latest design software tools, participants will gain a deep understanding of the entire PCB design process, from concept to production. Whether seasoned professionals looking to enhance their skills or beginners eager to enter the field, the PCB Designing Workshop offers a unique opportunity for individuals to expand their knowledge, network with peers, and embark on a journey of continuous learning and growth in the exciting world of electronics design.



COMBATORES INSTITUTE OF TECHNOLOGY, COMBATORES - IN  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
PCB ASSOCIATION OF INDIA STUDENT CHAPTER  
ORGANIZES

NATIONAL LEVEL TECHNICAL SYMPOSIUM

**PINNACLE 2K24**

# WORKSHOP ON PCB DESIGNING AND FABRICATION

Join us for an interactive workshop on Printed Circuit Board (PCB) Designing and Fabrication. Aimed at you by the Department of Electronics and Communication Engineering (ECE) at COMBATORES INSTITUTE OF TECHNOLOGY, COMBATORES. This workshop aims to provide participants with hands-on experience and practical insights into the intricate process of PCB design and fabrication.

## Workshop Highlights

- Introduction to PCB design principles and tools
- Hands-on using the PCB fabrication process
- Designing and manufacturing PCB layouts
- Techniques for optimizing PCB design for performance and cost-effectiveness
- Troubleshooting common PCB design issues
- Fun for social contribution and networking

## EXPERT



**M. BALAJEE**

Assistant Professor

Department of Electronics and Communication Engineering

COMBATORES

📅 22<sup>nd</sup> MARCH 2024

🕒 09:00 AM - 05:00 PM

📍 <https://www.combatores.ac.in>

📞 94491 10000

## REGISTRATION FEE

IN 200/-



REGISTER NOW

LIMITED SEATS AVAILABLE | DESIGN YOUR SPOT NOW

Certificates will be provided for all the participants



## VEHICULAR AD-HOC NETWORKS:

The Vehicular Ad Hoc Networks (VANETs) Workshop by MR.NITIN YERRA, Application engineer ,IETCOS LLP,Bangalore

is a specialized event designed to explore the emerging field of communication networks within vehicular environments. Through a combination of expert-led presentations, hands-on demonstrations, and collaborative discussions, participants will gain valuable insights into the unique challenges and opportunities presented by VANETs. From optimizing communication protocols to enhancing vehicle-to-vehicle (V2V) and vehicle-to-infrastructure (V2I) connectivity, the workshop will delve into the latest advancements and best practices shaping the future of automotive communication systems. Led by leading researchers and industry professionals, attendees will have the opportunity to explore cutting-edge technologies, such as dedicated short-range communication (DSRC) and cellular vehicle-to-everything (C-V2X), and their implications for intelligent transportation systems (ITS) and autonomous driving. Whether seeking to deepen their understanding of VANETs or looking to stay abreast of the latest developments in the field, participants will find the workshop to be a valuable forum for knowledge exchange, networking, and collaboration. By fostering dialogue and collaboration among researchers, practitioners, and industry stakeholders, the VANETs Workshop aims to drive innovation and accelerate the adoption of next-generation communication technologies in the automotive sector.



COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE - IN  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
ECE ASSOCIATION, ECE STUDENTS FORUM & ECE STUDENTS CHAPTER  
COIMBATORE

NATIONAL LEVEL TECHNICAL SYMPOSIUM

## PINNACLE 2K24 WORKSHOP ON VEHICULAR AD-HOC NETWORKS

Join us for a NISTEM software intensive workshop on Vehicular Ad-Hoc Networks (VANETs) hosted by the Department of Electronics and Communication Engineering (ECE) as part of their Pinnacle event.

### Workshop Highlights

#### OBJECTIVES

- Provide an in-depth understanding of VANET and its applications in the transportation sector.
- Explore the challenges and solutions associated with VANET communication.

#### WORKSHOP CONTENTS

- Understanding the architecture of VANET and its key components.
- Exploring the challenges of VANET communication and the role of VANET in the context of smart cities and transportation.

#### EXPERT



**Dr. Nishu Verma**  
Assistant Professor  
ECE Department

22<sup>nd</sup> MARCH 2024

10:00 AM - 05:00 PM

Free of cost for all participants

09:00:00

Registration Fee - 00/-



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

For more info



## GEN AI – THE AI REVOLUTION:

The "GEN AI: The AI Revolution Workshop" by Dr. Shreya Krishna is a cutting-edge event dedicated to exploring the transformative impact of artificial intelligence (AI) across various industries and sectors. Through a dynamic blend of keynote presentations, panel discussions, and interactive workshops, participants will delve into the latest advancements, applications, and ethical considerations surrounding AI technology. Led by leading experts and innovators in the field, attendees will gain valuable insights into how AI is reshaping business models, driving innovation, and revolutionizing the way we work, live, and interact with technology. From machine learning and natural language processing to robotics and computer vision, the workshop will cover a broad spectrum of AI-related topics, providing attendees with a comprehensive understanding of the current landscape and future trends. Whether seasoned professionals seeking to harness the power of AI in their organizations or curious enthusiasts eager to explore the possibilities of this transformative technology, the workshop offers a unique opportunity to engage with like-minded individuals, exchange ideas, and gain practical knowledge to navigate the AI revolution effectively. By fostering collaboration and knowledge sharing, the "GEN AI: The AI Revolution Workshop" aims to empower participants to harness the potential of AI and drive positive change in their respective fields and industries.



# COIMBATORE INSTITUTE OF TECHNOLOGY

ESTABLISHED IN 1983

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

80A, APJSCHEERVA, KOTLA, 641 022 AND 641 015 COIMBATORE - 641 015 KARNATAKA

INDIA

A NATIONAL LEVEL TECHNICAL SYMPOSIUM

## Pinnacle 2024

A SYMPOSIUM ON

### "GENAI - THE AI REVOLUTION"



Dr. Shriram Kris Vasudevan

Head, Center - Artificial Intelligence  
and Robotics, Coimbatore Institute of Technology

#### Symposium Highlights

- 3 Days Event
- 100+ Participants
- 100+ Faculty Members
- 100+ Students
- 100+ Exhibitors
- 100+ Sponsors
- 100+ Exhibits
- 100+ Exhibitors
- 100+ Exhibits
- 100+ Exhibitors
- 100+ Exhibits

100+ Exhibitors



Scan to Register

March 18, 2024

11:00 AM - 04:00 PM

Participants who successfully complete the workshop will be awarded a certificate and invited to the final showcase event.

REGISTRATION FEE: FREE

Food and accommodation expenses will be provided for all the participants.

COIMBATORE



## **TECHNICAL EVENTS:**

Technical events offer a platform for enthusiasts and professionals to explore cutting-edge innovations, share knowledge, and network with like-minded individuals. From workshops and seminars to hackathons and competitions, these events cater to a diverse range of interests within fields such as engineering, computer science, and information technology. Participants have the opportunity to gain hands-on experience, learn from industry experts, and stay updated on the latest trends and developments in their respective domain. Whether honing skills, expanding networks, or simply indulging in a shared passion for technology, technical events provide invaluable opportunities for growth and enrichment.

## **CIRCUIT DEBUGGING:**

The Circuit Debugging event, hosted at Coimbatore Institute of Technology during Pinnacle, offered participants a unique opportunity to hone their problem-solving skills and enhance their understanding of electronic circuits. With a focus on practical application, the event challenged contestants to identify and rectify faults within complex circuit designs within a specified time frame. Armed with multimeters, oscilloscopes, and a keen eye for detail, participants delved into troubleshooting exercises that ranged from basic circuitry to advanced systems.

Throughout the event, participants encountered a variety of circuit anomalies, including short circuits, open circuits, and component failures, requiring them to employ a combination of analytical reasoning and technical expertise to diagnose and resolve issues effectively. Collaboration and teamwork were also encouraged, as contestants pooled their knowledge and resources to tackle particularly challenging problems.

Under the guidance of experienced mentors and judges, participants not only learned valuable techniques for circuit debugging but also gained insight into the real-world application of theoretical concepts.

learned in the classroom. The event fostered a spirit of innovation and resilience, empowering participants to overcome obstacles and emerge as proficient problem solvers in the field of electronics and electrical engineering. Overall, the Circuit Debugging event at Pinnacle provided a dynamic and engaging platform for participants to test their skills, connect with peers, and deepen their passion for technology.

## **PAPER PRESENTATION:**

In the realm of academia, paper presentations serve as a conduit for the dissemination of knowledge, fostering intellectual exchange among students and staff alike. These presentations are not merely showcases of individual prowess but rather collaborative endeavors, reflecting the collective contributions of both faculty members and eager participants. At the heart of these events lies the invaluable input of staff members, whose expertise and guidance shape the discourse and elevate the quality of the presentations.

Staff members play a multifaceted role in paper presentations, offering mentorship, guidance, and scholarly insight to students embarking on their academic journeys. Their contributions extend beyond the confines of the classroom, encompassing the cultivation of critical thinking skills, research methodologies, and effective communication strategies. Through their unwavering support and encouragement, staff members empower students to delve into diverse subject matters, explore novel ideas, and articulate their findings with clarity and precision.

In the dynamic landscape of paper presentations, participants are afforded a platform to showcase their intellectual prowess and engage in constructive dialogue with their peers. These events serve as melting pots of ideas, where students from various disciplines converge to exchange perspectives, challenge assumptions, and collectively unravel the complexities of their chosen topics. The diversity of participants fosters a rich tapestry of ideas, catalyzing innovation and pushing the boundaries of knowledge.

The essence of paper presentations lies in the myriad of ideas shared by students, each offering a unique lens through which to examine and interpret the world around us. From empirical research to theoretical inquiries, students

delve into a myriad of topics, spanning the breadth of human endeavor. Their presentations serve as a testament to their intellectual curiosity and academic rigor, reflecting hours of painstaking research, analysis, and synthesis.

Amidst the flurry of ideas and insights, staff members serve as beacons of guidance, steering students towards academic excellence and scholarly integrity. Their mentorship extends beyond the confines of the presentation hall, nurturing a culture of intellectual curiosity and lifelong learning. Through their expertise and experience, staff members impart invaluable lessons in research methodology, critical thinking, and effective communication, equipping students with the tools they need to navigate the complex terrain of academia.

As participants take to the podium to present their papers, they stand on the shoulders of giants, drawing inspiration from the collective wisdom of their mentors and peers. Their presentations are not merely academic exercises but rather manifestations of their intellectual growth and scholarly pursuits. With each slide and every word spoken, they pay homage to the contributions of staff members who have guided and shaped their academic journey.

In conclusion, paper presentations represent a symbiotic relationship between staff members and participants, each contributing to the vibrant tapestry of academic discourse. Through their collective efforts, they push the boundaries of knowledge, challenge assumptions, and inspire future generations of scholars. As the torchbearers of academic excellence, staff members and participants alike embody the spirit of intellectual inquiry and scholarly pursuit that lies at the heart of higher education.





## COIMBATORE INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
ECE ASSOCIATION OF STUDENTS FORUM & ECE STUDENTS CHAPTER  
ORGANIZES

NATIONAL LEVEL TECHNICAL SYMPOSIUM

# PINNACLE 2K24

## PAPER PRESENTATION

DATE: 22 MARCH 2024 TIME: 10:00 AM AND 5:00 PM VENUE: 2ND FLOOR, AVINASH BUILDING, C.I.T.

22 MARCH 2024



MODE  
OFFLINE

SCAN TO REGISTER

### GUIDELINES

TOPIC AREA : OPEN DOMAIN  
MAXIMUM OF 4 TEAM MEMBERS  
REGISTRATION FEE : ₹ 200



### COORDINATORS

SADHAN SHINVA - 8975817016  
SATHISHA - 8342242310

CONTACT FOR ENQUIRY TO: [pinnacl@cit.ac.in](mailto:pinnacl@cit.ac.in)

#Pinnacle\_2024

PARTICIPATION CERTIFICATES WILL BE PROVIDED



[pinnacl@cit.ac.in](mailto:pinnacl@cit.ac.in) [www.cit.ac.in](https://www.cit.ac.in)

## SYNTAX SHOWDOWN:

Coding contests, a ubiquitous feature in the tech world, serve as crucibles for programmers to test their skills, problem-solving prowess, and creativity. These events, often conducted online or in person, attract participants from diverse backgrounds and skill levels, ranging from novices to seasoned professionals. The allure of coding contests lies in their competitive nature, offering participants a platform to showcase their abilities while vying for prizes, recognition, and sometimes even job opportunities. The challenges presented in coding contests span a wide array of topics, including algorithms, data structures, mathematics, and software engineering principles. Participants are typically tasked with solving a series of algorithmic problems within a specified time frame, with solutions judged based on correctness, efficiency, and elegance.

Participating in coding contests not only hones one's technical skills but also fosters collaboration, critical thinking, and resilience.

Contestants often work individually or in teams, leveraging their collective knowledge and expertise to tackle complex problems under pressure. The time constraints inherent in coding contests necessitate quick thinking and efficient problem-solving strategies, mirroring real-world scenarios encountered in software development and engineering. Moreover, the feedback and insights gained from competing in coding contests can be invaluable for personal growth and skill development, enabling participants to identify areas for improvement and refine their coding techniques.

For many, coding contests represent more than just a chance to win prizes or accolades; they serve as opportunities to connect with like-minded individuals, build a sense of community, and push the boundaries of what is possible in the realm of computer science and programming. Online platforms such as Codeforces, LeetCode, and HackerRank host a plethora of coding contests regularly, drawing participants from all corners of the globe. These platforms not only facilitate competition but also provide forums for participants to discuss problem-solving approaches, share insights, and learn from each other's experiences.

In addition to individual satisfaction and skill development, participating in coding contests can also have tangible benefits for one's career. Many employers value candidates with a proven track record in competitive programming, viewing it as evidence of strong problem-solving abilities, analytical thinking, and dedication to continuous learning. Winning or performing well in prestigious coding contests can bolster one's resume, attract the attention of recruiters, and open doors to exciting job opportunities at top tech companies and startups.

However, it's essential to approach coding contests with a balanced perspective, recognizing that winning isn't everything. The journey of preparing for and participating in coding contests is just as valuable as the outcome itself. Embracing the spirit of learning, camaraderie, and self-improvement can enhance the overall experience and contribute to long-term growth and success in the field of computer science.

Whether you're a seasoned competitor or a newcomer looking to dip your toes into the world of competitive programming, coding contests offer a thrilling and rewarding adventure filled with challenges, camaraderie, and endless opportunities for personal and professional development.





CONKONNAR INSTITUTE OF TECHNOLOGY, CONKONNAR 2 - B  
 DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
 JOINTLY WITH  
 IEEE ASSOCIATION  
 IEEE STUDENTS FORUM & IEEE STUDENTS CHAPTER

PROBLEMS PRESENTS

# PINNACLE 2K24

## < SYNTAX SHOWDOWN >

CONK. CONKONNAR, CREATE

ADMINISTRATION  
FEE  
₹100



REGISTER

DATE, TIME  
19-08-2024  
10:00 AM TO 12:00 PM

### GUIDELINES

- Mode of conduct - Offline
- Can use any programming language
- Individual participation only
- Flagship may lead to disqualification
- Certificates will be provided to all participants

### DATE

19-08-2024

### CO-ORDINATORS

Dr. Jyoti J. Patil (932000523)  
 Karthika J. Patil (796431)  
 Rishika M. Chavan (932000523)  
 Prachi S. Patil (932000523)

OUR SPONSORS



## TECH QUIZ:

Coding contests, a ubiquitous fixture in the tech world, serve as crucibles for programmers to test their skills, problem-solving prowess, and creativity. These events, often conducted online or in person, attract participants from diverse backgrounds and skill levels, ranging from novices to seasoned professionals. The allure of coding contests lies in their competitive nature, offering participants a platform to showcase their abilities while vying for prizes, recognition, and sometimes even job opportunities. The challenges presented in coding contests span a wide array of topics, including algorithms, data structures, mathematics, and software engineering principles. Participants are typically tasked with solving a series of algorithmic problems within a specified time frame, with solutions judged based on correctness, efficiency, and elegance.

Participating in coding contests not only hones one's technical skills but also fosters collaboration, critical thinking, and resilience.

Contestants often work individually or in teams, leveraging their collective knowledge and expertise to tackle complex problems under pressure. The time constraints inherent in coding contests necessitate quick thinking and efficient problem-solving strategies, mirroring real-world scenarios encountered in software development and engineering. Moreover, the feedback and insights gained from competing in coding contests can be invaluable for personal growth and skill development, enabling participants to identify areas for improvement and refine their coding techniques.

For many, coding contests represent more than just a chance to win prizes or accolades; they serve as opportunities to connect with like-minded individuals, build a sense of community, and push the boundaries of what is possible in the realm of computer science and programming. Online platforms such as Codeforces, LeetCode, and HackerRank host a plethora of coding contests regularly, drawing participants from all corners of the globe. These platforms not only facilitate competition but also provide forums for participants to discuss problem-solving approaches, share insights, and learn from each other's experiences.

In addition to individual satisfaction and skill development, participating in coding contests can also have tangible benefits for one's career. Many employers value candidates with a proven track record in competitive programming, viewing it as evidence of strong problem-solving abilities, analytical thinking, and dedication to continuous learning. Winning or performing well in prestigious coding contests can bolster one's resume, attract the attention of recruiters, and open doors to exciting job opportunities at top tech companies and startups.

However, it's essential to approach coding contests with a balanced perspective, recognizing that winning isn't everything. The journey of preparing for and participating in coding contests is just as valuable as the outcome itself. Embracing the spirit of learning, camaraderie, and self-improvement can enhance the overall experience and contribute to long-term growth and success in the field of computer science.

Whether you're a seasoned competitor or a newcomer looking to dip your toes into the world of competitive programming, coding contests offer a thrilling and rewarding adventure filled with challenges, camaraderie, and endless opportunities for personal and professional development.



COIMBATORE INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND COMMUNICATION ENGINEERING

IEEE STUDENT BRANCH

WITH SUPPORTS FROM A JAIN STUDENT SOCIETY

PRESENTS

**PINNACLE**  
2K24

PINNACLE PRESENTS

# TECH-QUIZ

BRAIN BYTE BATTLE

DATE: 22 MARCH 24

OFFLINE  
2 MEMBERS PER  
TEAM  
CERTIFICATES WILL  
BE PROVIDED

EXCITING  
CASH PRIZES !!

RS. 2000/-



REGISTRATION FEE  
RS 100/-



<https://pinnacle24.github.io/registration/>

For further queries contact



[pinnacle24@pinnacle24@gmail.com](mailto:pinnacle24@pinnacle24@gmail.com)

Tharun K (94498 44000)

Prathiba K (94498 44001)



@atrade\_24

SPONSORSHIPS



## NON TECHNICAL EVENTS:

Carlsberg Institute of Technology (CIT) hosts a diverse range of events as part of its annual symposium, Pinnacle, catering not only to the tech-savvy but also to those with varied interests beyond the realm of technology. While Pinnacle is renowned for its emphasis on showcasing technological advancements and fostering innovation, it also includes a plethora of non-technical events that add vibrancy and diversity to the symposium, attracting participants from across the country.

One of the highlights of Pinnacle is its array of cultural events, which celebrate the rich tapestry of talent and creativity among students.

From dance competitions that showcase various classical, folk, and contemporary dance forms to music competitions spanning genres such as classical, western, and fusion, these cultural events provide a platform for students to unleash their artistic prowess and captivate audiences with their performances. Additionally, events like drama competitions, fashion shows, and talent shows offer avenues for students to express themselves creatively and showcase their unique talents, adding an element of entertainment and cultural exchange to the symposium.

In addition to cultural events, Pinnacle also features a variety of literary and debating competitions that stimulate intellectual discourse and encourage critical thinking among participants. Debates on topical issues, quizzes testing general knowledge and current affairs, and literary competitions such as poetry recitation and essay writing provide opportunities for students to engage in constructive dialogue, hone their communication skills, and expand their horizons beyond the confines of technology. These events not only foster a culture of intellectual curiosity but also promote interdisciplinary learning by encouraging participants to explore diverse subject areas and perspectives.

Furthermore, Pinnacle encompasses a range of sports events that promote physical fitness, teamwork, and sportsmanship among participants. From traditional sports like cricket, football, and

basketball to niche sports like table tennis, badminton, and chess, these events cater to athletes of all interests and skill levels, providing platforms for friendly competition and camaraderie. Sports tournaments, relay races, and athletic competitions not only add a sense of excitement and adrenaline to the symposium but also foster a spirit of healthy competition and collaboration among students.

Moreover, Pinnacle includes a variety of fun and recreational events designed to provide participants with opportunities for relaxation and rejuvenation amidst the bustle and bustle of the symposium. Activities such as treasure hunts, gaming tournaments, and outdoor adventure challenges offer participants a chance to unwind, bond with their peers, and create lasting memories. These events serve as a welcome break from the rigors of academic life and provide a platform for students to socialize, network, and forge meaningful connections with their fellow participants.

In essence, the non-technical events conducted as part of Pinnacle at Coimbatore Institute of Technology embody the spirit of inclusivity, diversity, and holistic development. By providing a platform for students to showcase their talents, engage in intellectual discourse, participate in sportsmanship, and unwind through recreational activities, Pinnacle fosters a vibrant and dynamic campus culture that celebrates the multifaceted talents and interests of its student community.

#### CONNECTION

The Connection Game held at Coimbatore Institute of Technology as part of Pinnacle was an exhilarating event that brought together students from various backgrounds to showcase their strategic thinking and communication skills. Participants engaged in a series of rounds where they had to establish connections between seemingly unrelated concepts, images, or words within a limited timeframe.

The game tested not only the participants' ability to think critically but also their creativity in finding unique connections. Each round presented new challenges, keeping the atmosphere dynamic and

competitive. Teams had to collaborate effectively to decipher the connections and formulate their responses swiftly.

The event fostered a spirit of teamwork and camaraderie among the participants, as they brainstormed together to unravel the connections and strategize their approach. It also encouraged lateral thinking and quick decision-making, essential skills in today's fast-paced world.

The Connection Game at Coimbatore Institute of Technology during Piracle was not just a competition but also a platform for learning and growth. It provided participants with an opportunity to expand their thinking horizons, refine their communication abilities, and build lasting memories of teamwork and excitement.



COIMBATORE INSTITUTE OF TECHNOLOGY

COIMBATORE-14

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IEEE ASSOCIATION

ETE STUDENTS' FORUM & ISEI STUDENT'S CHAPTER

**PINNACLE**  
2024

**CONNECTION**

CONNECT THE PICTURES FOR AN ENDLESS FUN!!

DATE: 23 MARCH 2024

MODE: OFFLINE

REGISTER NOW!



[pinnacle2024@pinnacle2024@gmail.com](mailto:pinnacle2024@pinnacle2024@gmail.com)

09449441181

[pinnacle\\_2024](https://www.instagram.com/pinnacle_2024)

SAGINAWI T. JAYAKRISHNAN

[pinnacle2024](https://www.facebook.com/pinnacle2024)

ANUSHA S. S. S. S. S.

**GUESS**

## ANIME QUIZ:

As part of PINNACLE, hosting an anime quiz can engage a wide array of participants. Anime, with its diverse genres and iconic characters, offers a rich tapestry for exploration. The quiz could encompass various aspects such as identifying characters, matching quotes to series, or testing knowledge of plotlines and creators. With many participants, the quiz could be structured to accommodate different levels of expertise, ensuring inclusivity.

To make it more interactive, incorporating multimedia elements like clips or soundtracks can enhance the experience, allowing participants to immerse themselves in the world of anime. Additionally, including questions about lesser-known series or genres can challenge even the most seasoned fans, fostering a sense of discovery and excitement.

To foster community engagement, consider hosting the quiz on a platform where participants can interact in real-time, such as a live stream or a dedicated forum. Providing opportunities for participants to discuss their favorite shows or share recommendations can further enrich the experience and build camaraderie among anime enthusiasts.

Ultimately, a well-crafted anime quiz within PINNACLE can serve as both entertainment and education, celebrating the vibrant world of anime while bringing together a diverse community of fans.





**COIMBATORE INSTITUTE OF TECHNOLOGY**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

JOINTLY WITH

ECC ASSOCIATION, IES STUDENTS FORUM & IES STUDENTS CHAPTER  
ORGANIZES



**PINNACLE**



2024

WEEKLY QUIZ

**SPOILER ALERT !!!**

**Anime Quiz**

**ENTRY FEE :**

**Solo : Rs 50**

**TEAM : Rs 100**

**MAXIMUM MEMBERS 2**

**MODE : ONLINE**

**DATE : 22 MARCH**

**COORDINATORS :**

**ARUN PRAKASH**

**SHRIDHAR**

**MURTHY PAVAN**

**9754100907**



**CASH PRIZE**

**₹ 500**

[pinnacle@nitcet.ac.in](mailto:pinnacle@nitcet.ac.in)

[@pinnacle\\_2024](https://www.instagram.com/pinnacle_2024)

<https://github.com/pinnacle>

## PHOTOGRAPHY:

The online photography contest hosted as a part of PINNACLE garnered widespread attention, attracting numerous participants eager to showcase their creativity. With the competition unfolding on Instagram, a platform renowned for its visual appeal, contestants had a vast audience to showcase their entries to. The rules were simple: submit your best photograph and garner likes to climb the leaderboard.

This format not only encouraged participation but also fostered a sense of community as participants engaged with each other's work, offering feedback and support. The diverse range of entries showcased a plethora of subjects, styles, and techniques, reflecting the multifaceted nature of photography.

As the competition heated up, contestants hustled to promote their entries, leveraging social networks and engaging with followers to secure likes. The democratic nature of the voting process meant that success was determined by the engagement and appreciation of the audience.

In the end, the winners emerged not only as skilled photographers but also as adept promoters, harnessing the power of social media to propel their entries to the top of the leaderboard. The contest served as a testament to the democratization of art and the boundless opportunities afforded by online platforms for creative expression.



COMBATORS INSTITUTE OF TECHNOLOGY, COMBATORES  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
ICE ASSOCIATION, THE TRUSTEES INSTITUTE FOR STUDENTS CHAPTER  
ORGANIZED

NATIONAL LEVEL TECHNICAL SYMPOSIUM

**PINNACLE 2K24**

**CLICKCON**

TODAY EVERYTHING EXISTS TO END IN A PHOTOGRAPH.

**EXCITING PRIZES WILL BE AWARDED !**

**22<sup>nd</sup> MARCH 2024**

**ONLINE**

<https://www.clickcon24.com/>

**REGISTER NOW**

[PINNACLE2K24STMP@SIETMUMBAI.COM](mailto:PINNACLE2K24STMP@SIETMUMBAI.COM)



**PINNACLE\_2K24**

**CONTACT**

GOKUL : 98943 06260

PARVEEN : 93455 89567

**FREE**

## ART CONTEST:

The art contest as part of PENNACLE garnered enthusiastic participation, with numerous artists showcasing their talent and creativity. From seasoned professionals to emerging talents, the event attracted a diverse pool of participants, each bringing their unique perspective and style to the competition. The themes explored ranged from abstract expressions to socio-political commentary, reflecting the depth and breadth of artistic expression within the community.

Judges faced the challenging task of evaluating the submissions, considering originality, technical skill, and thematic coherence. The competition fostered a sense of camaraderie among participants, as artists exchanged ideas and inspiration throughout the event.

The culmination of the contest was a celebration of artistic excellence, with winners recognized for their outstanding contributions. However, beyond the accolades, the true essence of the competition lay in the shared passion for art and the opportunity it provided for artists to showcase their talent on a prestigious platform like PENNACLE. Overall, the art contest served as a testament to the vibrant creativity within the community, leaving a lasting impact on both participants and spectators alike.



COIMBATORE INSTITUTE OF TECHNOLOGY

COIMBATORE-14

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

JOINTLY WITH

EEE ASSOCIATION

075 CHENNAI FORDON & 1110 SYDNEY'S CHAPTER

ORGANISES

**PINNACLE**  
2024

MODE  
OFFLINE

DATE  
22/03/2024

ART  
ATTACK

CASH PRICE  
RS 500

THEME

FREE  
STYLE

ENTRY FOR  
JUST RS.50

SCAN TO  
REGISTER



For queries contact :

Lalith Mishra - 9960390280

Praveen - 7010779202

## VOCALS AND DANCE:

The online dance and vocal competitions held as part of PINNACLE offer participants a platform to showcase their talent virtually. With the rise of digital engagement, these events harness the power of social media, particularly Instagram, to gauge audience response and determine winners based on likes.

Participants, spanning various age groups and backgrounds, submit their performances online, which are then shared on Instagram for public viewing and voting. This format not only encourages active participation but also fosters a sense of community as audiences engage with and support their favorite performers.

Winners are chosen based on the number of likes garnered on their respective performance posts, reflecting the resonance and impact of their talents among viewers. This democratized approach allows for a fair and transparent selection process, where success is determined by the audience's genuine appreciation and enthusiasm.

Moreover, the online format enables broader reach and accessibility, transcending geographical limitations and bringing together diverse talent from across the globe. Through PINNACLE, these digital dance and vocal competitions not only celebrate individual creativity and skill but also unite a global community bound by a shared passion for the performing arts.



COIMBATORE INSTITUTE OF TECHNOLOGY

Celebrates-14

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

through

ECE ASSOCIATION

IETE STUDENT'S FORUM & IECI STUDENT'S CHAPTER

organizes

# PINNACLE 2024

Faculty presents

# INSTRUMENTAL MUSIC

GUIDELINES:

INDIVIDUAL NUMBERS

WINNERS ARE SELECTED ACCORDING TO SOCIAL  
MEDIA LIKES AND EXPERT'S JUDGEMENT

MODE  
Online

Register here!



COORDINATORS

[pinacle2024@ymcaoskrm@gmail.com](mailto:pinacle2024@ymcaoskrm@gmail.com)

Harshika (9460888104)

@pinacle\_2024

Geethika (8300586949)

<https://pinacle2024.github.io/ymcaoskrm/>

Hari Abhishek (9380400258)

*let your instruments do the talking*



COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-16



DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING  
IN COLLABORATION WITH  
IITB ASSOCIATION  
1711-1702807-02 JAYALAKSHMI COLLEGE OF ARTS AND SCIENCES  
COIMBATORE



22 MARCH 2024

# PINNACLE 2K24

PROOPLY PRESENTS

# DANCE MANIA

MOVE, INSPIRE & EVOLVE



REGISTER HERE

ENTRY

SOLO : ₹50

GROUP : ₹100



CASH PRIZE

SOLO : ₹500

GROUP : ₹1000

SONG LIMIT 3-5 MINUTE

ONLINE EVENT

✉ Pinnacle2024@prooplly@gmail.com

📱 @Pinnacle2024

🌐 <https://Pinnacle2024.Coimbatore.IITB.com>

COORDINATORS

👤 @SARATHI111000000

👤 @SARATHI111000000

👤 @SARATHI111000000

👤 @SARATHI111000000

## TREASURE HUNT:

The treasure hunt game at Coimbatore Institute of Technology, as part of Pinnacle, was an exhilarating event that blended teamwork, problem-solving, and adventure. With participants racing against the clock, teams navigated through clues scattered across the campus, testing their wit and agility.

The game challenged participants to decode riddles, solve puzzles, and follow cryptic clues leading to hidden treasures. It required quick thinking, strategic planning, and effective communication among team members to unravel each clue and progress through the hunt.

As teams raced from one location to another, the excitement mounted with each solved clue bringing them closer to the ultimate prize. The event fostered a spirit of camaraderie among participants, as they collaborated and supported each other in their quest for victory.

With the sprawling campus as their playground, participants explored every nook and cranny, uncovering secrets and surprises along the way. The treasure hunt not only provided an adrenaline-fueled adventure but also served as a platform for participants to showcase their creativity and problem-solving skills.

Overall, the treasure hunt at Coimbatore Institute of Technology was a thrilling experience that left participants with lasting memories and forged bonds that extended beyond the boundaries of the game.



**COIMBATORE INSTITUTE OF TECHNOLOGY**

COIMBATORE-17

Department Of Electronics And Communication Engineering

10th Floor

KTJAYASRIWADA

ICET'S STUDENT'S FORUM (ICET'S SF) STUDENT'S FORUM

COIMBATORE

**PINNACLE**

2024

BOSSHI V. SURENDRAN



# TREASURE HUNT

DATE:  
MARCH 22

MODE:  
OFFLINE

"ADVENTURE AWAITS, TREASURE AHEAD!"



**COORDINATORS**

T. NEEL V.  
S. JAYAKRISHNA

S. MANIYAL T.  
S. SUDHAKAR

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[https://www.instagram.com/pinnacle\\_2024](https://www.instagram.com/pinnacle_2024)

## CHESS AND CARROM:

The annual PINNACLE event at Coimbatore Institute of Technology (CIT) saw a thrilling display of strategic prowess with the inclusion of both chess and carrom tournaments. In the chess arena, students showcased their tactical acumen, meticulously plotting moves to outwit their opponents. Each match was a battle of wits, with players employing a combination of foresight and calculation to gain the upper hand.

Meanwhile, the carrom competition added a different dimension of skill and precision. Participants demonstrated their finesse in flicking the striker and sinking the coin with pinpoint accuracy. The atmosphere was charged with excitement as every flick and deft maneuver could turn the tide of the game.

These tournaments not only provided a platform for students to exhibit their gaming talents but also fostered a sense of camaraderie and sportsmanship among participants. The spirit of healthy competition reverberated throughout the event, with players cheering on their peers and applauding exceptional performances.

Ultimately, the chess and carrom tournaments at CIT's PINNACLE served as a testament to the institute's commitment to promoting holistic development among its students, nurturing both their intellectual and recreational pursuits.



COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-14

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

IETE ASSOCIATION

IETE STUDENTS' FORUM & IECI STUDENTS' CHAPTER

**PINNACLE**

2024



**KING'S GAMBIT**

**CHESS TOURNAMENT**

REGISTER NOW



22 MARCH 2024

ENTRY FEE - ₹50  
CASH PRIZE - ₹500

MODE: OFFLINE

COORDINATORS

HASWANTH 9309660132  
VARUN 7010748832

ORGANIZED BY DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-14

**DAY 2:****DATE** : 23.03.2024**VENUE** : Library Block**NUMBER OF STUDENTS PARTICIPATED**

144 teams

**First Round - Ideas Submission**

- 144 Teams
- 93 Teams selected

**Second Round - PPT Presentation**

- 93 Teams
- 76 Teams selected

**Third Round - Grand Finale 23rd March**

- 76 Teams
- Top 3 Winners + 7 Winner

**CONVENER:**

Dr. S. Uma maheswari  
Professor, Head of the Department

**FACULTY COORDINATOR:**

Dr. M. Poongothai  
Professor, ECE

**FACULTY CO-COORDINATES:**

- Dr. B. Bharvaseshwari (Assistant Professor)
- Mrs. C. Subha Priyadarshini (Assistant Professor)
- Dr. Balakumaram (Assistant Professor)

## **INTRODUCTION:**

In the ever-evolving landscape of technology, the essence of innovation lies not only in the breakthroughs themselves but also in the collaborative spirit that fuels them. The culmination of this ethos was vividly embodied in the recent Hackathon 2024, where minds converged, ideas flourished, and solutions materialized within the span of an intense, yet exhilarating, event. Hackathon, now in its 5th edition, has become synonymous with creativity, camaraderie, and cutting-edge solutions. As teams from diverse backgrounds, disciplines, and geographies assembled, the anticipation palpable in the air mirrored the excitement of embarking on a journey of exploration and problem-solving. The introductory moments of Hackathon were marked by a flurry of networking, idea pitches, and team formations. Here, amidst the hum of excitement and the exchange of insights, alliances were forged, and concepts crystallized. As teams coalesced around shared visions, the stage was set for the intense ideation and development process that lay ahead.

Central to the ethos of Hackathon is the emphasis on diversity and inclusion. In a world where innovation knows no bounds, the event served as a testament to the transformative power of collaboration across gender, age, nationality, and expertise. Such inclusivity not only fosters a richer exchange of ideas but also lays the foundation for solutions that are truly representative and impactful. In the following sections, we delve deeper into the highlights, challenges, and outcomes of Hackathon 2024. From the inception of ideas to the culmination of prototypes, each phase of the event bore witness to the indomitable spirit of innovation and the unwavering resolve to shape a better tomorrow.

## **STUDENT COORDINATORS:**

We express our sincere gratitude for your invaluable support in making the Nexus 2024 a resounding success. Your dedication, enthusiasm, and hard work were instrumental in creating a productive and inspiring environment for all the participants. From the very beginning, you played a vital role in. Your commitment to excellence

was evident in every aspect of the Hackathon, and it is thanks to your efforts that the event ran smoothly and achieved its goals. Your positive attitude and willingness to go the extra mile were truly commendable.

We are incredibly fortunate to have such a talented and dedicated group of students like yourselves. Your contributions have made a significant impact on the Hackathon's success, and we are grateful for your support.

- V Sanjay (B.E ECE III Year) - Secretary
- A.Edwin nora (B.E ECE III Year) - Treasurer
- T.Karthik venkatesh (B.E ECE III Year) - Technical coordinator
- R.T.Sobharvasan (B.E ECE III Year) - Technical coordinator

#### **IMPORTANT DATES:**

The execution and outcomes of the Nexus 24 were held from 5th February to 23rd March 2024. The event, which took place over 48 days, brought together passionate participants to tackle Nexus 24 through innovation and collaboration.

- 5<sup>th</sup> FEB - Launch of event
- 20<sup>th</sup> FEB - Submission of idea
- 20<sup>th</sup>-24<sup>th</sup> FEB - Idea screening by evaluation
- 26<sup>th</sup> FEB - Announcement of best ideas
- 4<sup>th</sup> March - Online presentation for shortlisted teams
- 5<sup>th</sup>-22<sup>nd</sup> March - Prototyping by shortlisted teams
- 23<sup>rd</sup> March - evaluation of prototypes and award ceremony



## MEMBER

### Panel Chair

#### Leadership of National Institutes

**Indonesia Institute** : Dr. S. Dina Marlenny  
Professor & Dean  
Department of STEI/IT

#### Chair, MCE/IGI

Dr. H. Rumpoko  
Faculty Coordinator - MCE/IGI

#### Chairman of STEI/UM

Dr. Y. Supriy  
Dean Institute - STEI/UM

#### Technical Institute

Dr. A. Rujwanti  
Principal/CI

#### Technical Institute

Dr. K. Susanto/Sigit  
Coordinator - ITT/Universitas

### Advisory panel of Research

Dr. Pujiastuti, E.U. Managing Director, Director of Company, Indes

Dr. Arifin, Selapendikan, IT/IT/Manajemen, Universitas, Cirebon

Dr. P. Anandani, Vice President (RE), C/IT/Pharm, Ptd. Ltd, Cirebon

Dr. Marlini, Librarian, National (BILIR) Institute / IT/Technology, Bandung

Dr. Robert, Lecturer, East Technical College, East Java, Ptd. Ltd, Semarang

Dr. Susanto, Headmaster, President, Institute, Cirebon (Ptd) Limited, Cirebon, Bandung

Dr. Kurnia, C. Assistant Project Manager, West Bank, Cirebon

Dr. Irena, Techno-Expert, Tech expert, Head, IT/IT/Technology, Cirebon

Dr. M. Rujwanti, Project IT Consultant & Product, Cirebon

Dr. Irena, IT/IT, Marketing, Cirebon, Cirebon

Dr. Triandono, Director, Assistant Manager, Java, Cirebon

#### Advisory panel

Dr. Anandani  
IEE, Editor, Yaman, Cirebon  
Research, IT/IT/Engineering, Ptd. Ltd, Cirebon

#### Panel of Experts

Dr. S. Rujwanti  
Faculty Coordinator

## FIRST ROUND - IDEA SUBMISSION:

The Hackathon kicked off with a vibrant online idea submission phase. The call to action resonated with a remarkable 144 teams registering and submitting their innovative ideas to address the challenge of Nexus 24 on 20th February. This robust participation signifies the widespread interest in Nexus 24 and the potential for groundbreaking solutions to emerge. The online platform facilitated a streamlined submission process, allowing teams to conveniently present their concepts and compete for a spot in the next round.

## JURY MEMBERS:

As the curtains draw on another successful iteration of Hackathon, we extend our deepest gratitude to our invaluable industrial partners whose unwavering support and collaboration have been instrumental in making this event a resounding success. Your dedication to fostering innovation and nurturing talent within the technological ecosystem has been truly commendable. Your presence at Hackathon not only lent credibility and expertise to the event but also provided participants with invaluable insights and mentorship, enriching their journey and amplifying the impact of their solutions.

Throughout the duration of Hackathon, your engagement and involvement served as a beacon of inspiration for participants, showcasing the endless possibilities that emerge when industry and academia converge in pursuit of common goals. Your willingness to share expertise, provide feedback, and offer guidance has undoubtedly contributed to the development of innovative solutions with real-world applicability. As we reflect on the achievements and milestones of Hackathon, we are reminded of the transformative power of collaboration and the profound impact it can have on shaping the future of technology. It is through partnerships like yours that we are able to create meaningful opportunities for aspiring innovators, empower them to push the boundaries of what is possible, and ultimately drive positive change in our ever-evolving world.

On behalf of the entire Hackathon community, we extend our sincerest appreciation for your unwavering support, commitment,

and generosity. Your contributions have not only made Hackathon 2024 a memorable and enriching experience but have also paved the way for continued collaboration and innovation in the years to come. Our sincere thanks to all the industrialists for making the event more successful.

1. Dr. M. POONGOTHAI  
Professor, ECE
  
2. Mrs. SUBHA PRIYADHARSHINI  
Assistant Professor, ECE
  
3. Dr. T. BALAKUMARAN  
Assistant Professor, ECE
  
4. Dr. BHUVANESHWARI  
Assistant Professor, ECE

#### **SECOND ROUND:**

Meticulous evaluation process assessed the 144 submitted ideas. Judges, comprising industry experts and esteemed mentors, meticulously examined each proposal based on its originality, feasibility, and potential to address the challenge of Nexus 24. Their evaluations resulted in the well-deserved selection of 90 outstanding teams who progressed to the second round.

The shortlisted teams embarked on a journey of further refinement. Leveraging the advantages of an online platform, the hackathon provided access to valuable resources and support mechanisms. This included:

**Mentorship Sessions:** Forerunners experts offered guidance and feedback through online mentoring sessions. These sessions allowed

teams to delve deeper into their projects, address technical hurdles, and refine their approaches.

**Collaborative Tools:** The online platform facilitated seamless communication and collaboration among team members. This fostered a supportive environment where ideas could be exchanged, challenges tackled collectively, and progress efficiently tracked.

### **THIRD ROUND - GRAND FINALE :**

The momentum continued to build as the Hackathon culminated in a thrilling final round. Having battled through the online stages, the remaining 90 teams arrived at the CIT Campus ready to showcase their innovative solutions. The atmosphere crackled with anticipation as teams presented their final projects to a distinguished panel of judges. Each presentation brought forth unique and impactful approaches to tackling the challenge of Nexus24. The judges were impressed by the caliber of the submissions, highlighting the dedication and perseverance of the participating teams. After careful deliberation, the judges selected the winners who impressed them most with the originality, feasibility, and potential impact of their solutions.

### **MINUTES OF THE MEETING**

- 9:30am - 10:30am - Inauguration at Auditorium
- 10:30am - 11:00 am- Juris panel refreshment and prototype assembling
- 11:00am to 2:30pm - Prototype evaluation
- 3:30pm - 4:00pm - Second selection round
- 4:30pm - Prize distribution

### **WINNERS:**

<b>PLACE</b>	<b>TEAM NAME</b>	<b>TEAM MEMBERS</b>
1	TALISMAN	ASWIN SINDHU SK PRAOATHEESH LO

		DHARAN V S SIVA KUMAR S ADARSH AR
2	TECHO WARTS	SALAI ATHEESH SARAVANAN SANTAY DHARANI MOHAN PRAITH SARVESH
3	SRM AUV	TANISHQ DAS VEDANT ANAND DIPRAMAN MUKHERJEE N. VISHNU SAI SHIVA TEJ T
4	SRM	KESAVA PERUMAL DN TEJASVI RAJU
5	VEKING BLOODLINES	MOHANASUNDARAM BHUVANESH K VINOOTH KUMAR S AJITH KUMAR M ABHINDHIRA
6	DREAM CHASERS	BHARATH KUMAR G DHARANYA P AKSHAYA AVE HARIHARAN
7	FALCON	CHANDI SANTOSH KUMAR PRAVEEN CHOURASSA SHRUDEEP DHARINI S DHIYA RAJ
8	FALL DEFENDERS	MOHAMMED RINOS M ARSHAD NISHAR M SHWETHA POORANI M DHARUNKA D J
9	SEIKO	DAYA V SANJAY B SUBAKARINI S VIDHYASRI

		SANJAI SREE
10	DOSO	H. MOHAMED JUNAITH DEVA DARSHAN SAMYUKTHA B SHEIK MOHAMMED HAARD SRI PRABHANJAN

#### JURIES FOR SEMI FINALIST:

We extend our sincerest gratitude to all Slack members for their invaluable contributions, support, and collaboration. Your dedication and efforts greatly enhance our collective success. Thank you for fostering a positive and productive environment through your ongoing commitment to teamwork and excellence.

We extend our deepest appreciation for your invaluable role in the success of Nexus 24. Your discerning judgment, insightful feedback, and dedication to evaluating projects have greatly enriched the experience for participants. Your commitment to fostering innovation and recognizing excellence is truly commendable.

Through your meticulous assessment and guidance, you have not only contributed to the success of this event but also inspired aspiring innovators to reach new heights. Your expertise and generosity in sharing your time and knowledge are deeply appreciated.

Thank you for your unwavering support and for being an integral part of our mission to empower and celebrate the brilliance of our participants.

1. MR. A. SIVAKUMAR  
Senior Lead Engineer  
Qualcomm India Pvt.Ltd, Bengaluru
2. Dr. SHRI RAM VASUDEVAN  
Lead - Technical Evangelist,  
Software & Advanced Technology Group  
Intel India Pvt.Ltd, Bengaluru

3. MR. VAIRAVAN PALANIAPPAN  
Graduate student at university of Illinois, Chicago  
Ex Software Engineer - Toshiba Software India Pvt.Ltd
  
4. MS. SRUTHI M  
Development Engineer  
Comcast, Chennai
  
5. MR. BHARATHI ATHINARAYAN  
National MAARG Mentor / AI Technologies
  
6. Mr. N. MAHADEVAN  
Senior Software Engineer,  
Qualcomm India Pvt.Ltd
  
7. Mr. MELVIN FRANCIS  
Embedded Software Engineer,  
BE. Services GMBH, Germany
  
8. Dr. A Rajeshwari  
Principal CIT
  
9. Dr. M. POONGOTHAI  
Professor, ECE
  
10. Dr. I.S. AKILA  
Associate Professor, ECE

11. Dr. BHUVANESHWARI  
Assistant Professor, ECE
  
12. Mrs. SUBHA PRIYADHARSHINI  
Assistant Professor, ECE
  
13. Dr. B. PREMALATHA  
Assistant Professor, ECE
  
14. Dr. T. BALAKUMARAN  
Assistant Professor, ECE

#### **SLACK MEMBERS:**

We extend our sincerest gratitude to all Slack members for their invaluable contributions, support, and collaboration. Your dedication and efforts greatly enhance our collective success. Thank you for fostering a positive and productive environment through your ongoing commitment to teamwork and excellence. The Hackathon thrived on the active participation of mentors. Your guidance provided invaluable support to the teams, helping them navigate technical hurdles, refine their ideas, and push the boundaries of creativity.

**Technical Expertise:** Mentors with diverse skill sets offered participants solutions to complex coding challenges and helped them explore new technologies. This not only accelerated development but also exposed participants to cutting-edge approaches, broadening their technical horizons.

**Problem-Solving Skills:** Mentors facilitated brainstorming sessions, encouraging participants to think critically about their projects and identify potential roadblocks. This collaborative problem-solving

approach equipped participants with valuable skills they can apply to future endeavors.

**Idea Refinement:** Through insightful feedback and constructive criticism, mentors helped participants refine their initial concepts and ensure their projects addressed real-world problems. This ensured the Hackathon yielded impactful solutions with clear value propositions.

**Motivation and Encouragement:** The presence of enthusiastic mentors kept participants motivated throughout the intense Hackathon period. Your unwavering support and encouragement created a positive and inspiring environment, fostering a sense of camaraderie and perseverance among the teams.

We understand that volunteering your time and expertise is a significant commitment. Your willingness to share your knowledge and support the next generation of innovators is truly commendable. The success of the Hackathon would not have been possible without your invaluable contributions.



INDIAN INSTITUTE OF TECHNOLOGY, KANPUR  
INDIAN INSTITUTE OF TECHNOLOGY, MADRAS  
INDIAN INSTITUTE OF TECHNOLOGY, Kharagpur  
INDIAN INSTITUTE OF TECHNOLOGY, Gandhinagar  
INDIAN INSTITUTE OF TECHNOLOGY, Guwahati  
INDIAN INSTITUTE OF TECHNOLOGY, Roorkee  
INDIAN INSTITUTE OF TECHNOLOGY, Hyderabad

NATIONAL LEVEL TECHNICAL EDUCATION

## NEXUS24

Mastering Design Begins From CAD (Nov 05-2024) to Cloud (Nov 06-2024)

### INDUSTRY MENTORS



Dr. Anand Kulkarni  
Senior Lecturer  
Department of Mechanical Engineering  
IIT Kanpur



Dr. Anand Kulkarni  
Senior Lecturer  
Department of Mechanical Engineering  
IIT Kanpur



Dr. Anand Kulkarni  
Senior Lecturer  
Department of Mechanical Engineering  
IIT Kanpur



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Dr. Anand Kulkarni  
Senior Lecturer  
Department of Mechanical Engineering  
IIT Kanpur



Dr. Anand Kulkarni  
Senior Lecturer  
Department of Mechanical Engineering  
IIT Kanpur

### ACADEMIC MENTORS



Dr. Anand Kulkarni  
Senior Lecturer  
Department of Mechanical Engineering  
IIT Kanpur



Dr. Anand Kulkarni  
Senior Lecturer  
Department of Mechanical Engineering  
IIT Kanpur



Dr. Anand Kulkarni  
Senior Lecturer  
Department of Mechanical Engineering  
IIT Kanpur



Dr. Anand Kulkarni  
Senior Lecturer  
Department of Mechanical Engineering  
IIT Kanpur



Dr. Anand Kulkarni  
Senior Lecturer  
Department of Mechanical Engineering  
IIT Kanpur



Dr. Anand Kulkarni  
Senior Lecturer  
Department of Mechanical Engineering  
IIT Kanpur



Dr. Anand Kulkarni  
Senior Lecturer  
Department of Mechanical Engineering  
IIT Kanpur

### UDIN SPOKERS



**WINNERS:**

<b>PLACE</b>	<b>TEAM NAME</b>	<b>TEAM MEMBERS</b>
1	TALISMAN	ASWIN SINDHU SK PRAGATHEESH LO DHARAN V S SIVA KUMAR S ADARSH AR
2	TECHO WARTS	SALAI ATHEESH SARAVANAN SANJAY DHARANI MOHAN PRAITH SARVESH
3	SRM ALV	TANISHQ DAS VEDANT ANAND DIPRAMAN MUKHERJEE N. VISHNU SAI SHIVA TEJ T
4	SRM	KESAVA PERUMAL DN TEJASVI RAJU
5	VIKING BLOODLINES	MOHANASUNDARAM BHUVANESH K VINOOTH KUMAR S AJITH KUMAR M ABHINDHIRA
6	DREAM CHASERS	BHARATH KUMAR G DHARANYA P AKSHAYA AVE. HARIHARAN
7	FALCON	CHANDI SANTOSH KUMAR PRAVEEN CHOURASIA SHRUDEEP DHARINI S DHIYA RAJ
8	FALL DEFENDERS	MOHAMMED RIDOS M ARSHAD NISHAR M SHWETHA POORANI M DHARUNIKA D J
9	SEIKO	DAYA V



# Hackathon — Themes

## 2023 Themes

- Health
- AgriTech
- IoT
- AI/ML/Computer Vision
- Climate Tech: Waste & Transportation
- Education Tech
- Climate Tech: Energy
- ESG and Environmental Impact
- Blockchain
- Cloud Migration

## Guidelines

- Open to students worldwide
- Duration of the hackathon is limited to 48 hours, starting on the evening of the 1st day of the month of registration
- Open to participants worldwide
- Open
- Application fee: Free
- Registration fee: Free
- Prizes: Cash prizes, trophies, certificates, etc.
- Participants should submit a solution that addresses a real-world problem
- Open
- Participants should be available for the entire duration
- Prizes will be awarded to the top 10 teams based on the judges' selection



## Selection Procedure

1. 01-08-2023  
Registration
2. 08-08-2023  
Submission of code
3. 09-08-2023  
Workshops to evaluate code
4. 10-08-2023  
Announcement of shortlist
5. 11-08-2023  
Online presentation to the jury
6. 12-08-2023  
Workshop by the jury members
7. 13-08-2023  
Final selection of projects and award ceremony

## Registration



Registration fee: 0\$  
Link to register:  
<https://bit.ly/388>

## Prizes

Rank	First	Second	Third
1st-10th	10,000\$	5,000\$	3,000\$





COMSATS INSTITUTE OF TECHNOLOGY, COMSATS H  
 House, Islamabad and Canceled by Cell  
 DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING  
 ITS RESEARCH AND STUDY JOURNALS RELATIONS CHAPTER  
 ISLAMABAD



Jury Members

NEXUS24



**DR. MUHAMMAD ATIQUL KABIR**  
 Director General  
 NEXUS24

**PAULY FRANCIS**  
 Professor, COMSATS H  
 ISLAMABAD



**DR. FATHI H**  
 Director General  
 NEXUS24



**DR. THOMAS KARSTMAN**  
 Director General  
 NEXUS24

**S. VALEMA S**  
 Director General  
 NEXUS24



**M. ANWAR H**  
 Director General  
 NEXUS24

**DR. VIKRAM PILLAIAPPAN**  
 Director General  
 NEXUS24



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#### **CONCLUSION:**

The curtains have drawn on yet another exhilarating chapter of innovation as Hackathon concluded with resounding success. In an atmosphere charged with creativity and collaboration, teams converged to tackle challenges head-on, pushing the boundaries of possibility and leaving an indelible mark on the landscape of technology.

Hackathons, renowned for their intensity and ingenuity, serve as breeding grounds for innovation, where ideas are born, nurtured, and transformed into tangible solutions. The culmination of weeks or even months of preparation, the event unfolded as a testament to the power of collective endeavor and the relentless pursuit of excellence.

The success of any Hackathon lies not only in the caliber of solutions produced but also in the journey undertaken by participants. From the initial spark of inspiration to the late-night coding sessions and the final moments of presentation, each step is imbued with a sense of purpose and possibility. Throughout the duration of the Hackathon, teams exhibited unwavering determination and resilience in the face of challenges. Whether grappling with technical hurdles, refining concepts, or adapting to unforeseen obstacles, participants demonstrated the agility

and adaptability required to thrive in today's fast-paced technological landscape.

Beyond the competitive aspect, the true essence of the Hackathon lies in the spirit of collaboration and knowledge-sharing that permeates every interaction. As teams exchanged ideas, solicited feedback, and lent a helping hand to fellow participants, the sense of camaraderie flourished, fostering an environment conducive to innovation and growth.

As the dust settles and the echoes of excitement fade, the impact of the Hackathon reverberates far beyond its conclusion. The solutions developed during the event have the potential to address real-world challenges, driving progress and transformation in various domains. In the following sections, we delve into the highlights, achievements, and lasting impact of the Hackathon, celebrating the ingenuity and creativity of participants and charting the course for future endeavors in the ever-evolving landscape of technology.



Rajesh Bhatnagar  
Deputy Director, E-Infrastructure  
Ministry of Skill Development and Entrepreneurship  
Government of India  
New Delhi - 110002



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

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**B.E. ELECTRONICS AND COMMUNICATION ENGINEERING  
ECE ASSOCIATION, IETE STUDENT'S FORUM & (24) STUDENTS' CHAPTER  
ACTIVITIES 2023-2024**

**Name of the Activity/ Programme: MOCK INTERVIEW**

**Number of students: Year - 112 III year B.E ECE**

**Organizing Team:**

**ASSOCIATION FACULTY COORDINATORS**

**Dr.M.Pocagotai**  
Professor  
Department of ECE,  
Coimbatore Institute of Technology  
Coimbatore

**Ms.C.Shibha Prasadharani**  
Assistant Professor  
Department of ECE,  
Coimbatore Institute of Technology  
Coimbatore

**IETE FACULTY COORDINATOR:**

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

**IED FACULTY COORDINATOR:**

**Dr.T.Selvakumaran**  
Assistant Professor (SO)  
Department of ECE,  
Coimbatore Institute of Technology  
Coimbatore

## MOCK INTERVIEW

<b>Date</b>	: April 24, 2004
<b>Venue</b>	: Library Block classroom
<b>Objective of the Programme</b>	: To provide third-year Electronics and Communication Engineering (ECE) students with practical experience in handling job interviews.
<b>Number of Participants</b>	: 110 Students
<b>Programme Outcome Impact</b>	: Third-year students showed marked improvement in their ability to articulate their skills and experiences clearly and confidently.

On April 24, 2004, a mock interview session was conducted for third-year Electronics and Communication Engineering (ECE) students, facilitated by final-year students. The session was organized to provide third-year students with a practical experience in navigating job interviews, thereby preparing them for future career opportunities.

The mock interview was designed to closely simulate real-world interview scenarios, featuring a mix of technical and behavioral questions relevant to the ECE field. Final-year students, who had recently undergone similar processes, acted as interviewers, bringing their fresh perspectives and understanding of current industry demands. Each third-year participant engaged in a one-on-one mock interview, followed by personalized feedback from their interviewer.

The session aimed to achieve several key objectives: enhancing students' interview skills, building confidence, and providing constructive feedback. The final-year students focused on helping their peers improve their responses to common interview questions, refine their technical knowledge, and effectively convey their problem-solving abilities. Emphasis was also placed on improving non-verbal communication skills and professional demeanor.

Key outcomes of the mock interview session were notably positive. Third-year students showed marked improvement in their ability to articulate their skills and experiences clearly and confidently. The immediate feedback provided by final-year students was instrumental in identifying areas of strength and opportunities for improvement. Many participants reported feeling more prepared and less anxious about future interviews, thanks to the realistic practice and targeted advice received. Additionally, the session fostered a sense of camaraderie between the two student groups, strengthening the peer support network within the department.

Overall, the mock interview session successfully equipped third-year ECE students with essential interview skills and boosted their readiness for entering the professional job market.





*Dr. B. S. Srinivas Reddy*  
Member of Council, Government  
**Electronics and Computer Engg**  
Department of Technical  
Education - 42

**COIMBATORE INSTITUTE OF TECHNOLOGY**

(AN AUTONOMOUS INSTITUTION AFFILIATED TO JYOTI UNIVERSITY)

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**INTERNAL HACKATHON REPORT**



**INTERNAL HACKATHON - SMART INDIA HACKATHON 2023**

## ABOUT THE EVENT

Internal Hackathon was conducted by the department of Computer Science and Engineering for the academic year 2023-24 which served as a pretest platform to select our best teams for Smart India Hackathon 2023 (SIH 23).

### **Overview of the Internal Hackathon**

The Internal Hackathon was organized to provide an opportunity for students from the II, III, and IV years of our department to showcase their skills and ideas for SIH 2023.

### **Selection Process:**

- **Internal Review:** The first round of internal review took place on **19th September 2023**, where teams had the chance to refine their ideas further and present their novelty towards the problem statement.
  - Total Number of teams participated : 16
  - Internal Reviewers : 6
- **Expert Review:** Our expert members carefully reviewed on **25th September 2023** for all submissions to identify promising teams for SIH 2023. Their evaluations aimed to gauge innovation, problem-solving abilities, and technical prowess.
  - Total Number of teams participated : 16
  - Internal Reviewers : 3
  - External Reviewers : 3
  - Selected teams for Final Review : 09
- **Final Review:** The final review, conducted on **26th September 2023**, marked the culmination of our selection process, with a focus on identifying teams with the potential to excel at SIH 23.

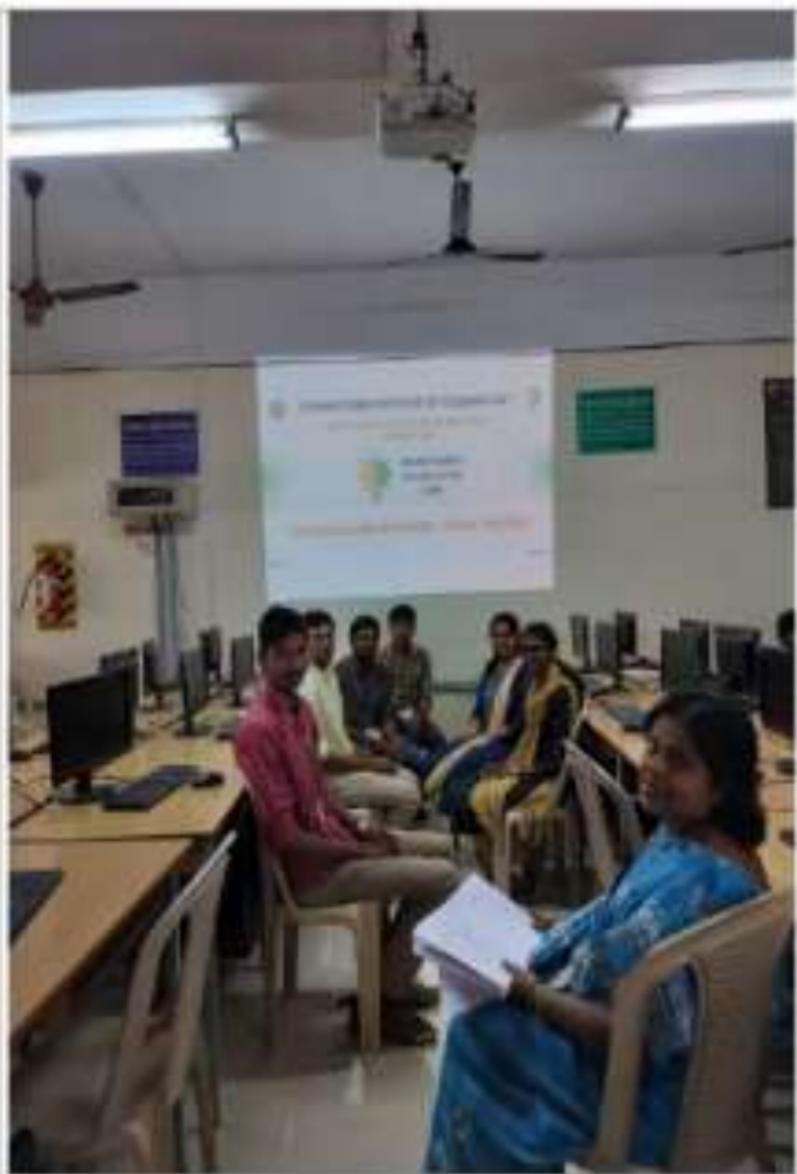
### **Alumni Involvement:**

We are immensely grateful to our dedicated alumni who generously offered their time and expertise to evaluate team members. Their valuable insights and suggestions played a significant role in shaping our teams for success at SIH 23.

### **Alumni Details:**

1. **Mr. Vishnu Prasad**, Senior software engineer, Bosch Global Software Technologies, Bengaluru
2. **Ms. JayaPriya**, Senior software engineer, Bosch Global Software Technologies, Bengaluru
3. **Mr. Ashwin Rajasekar**, Associate Software Engineer, Taktion India Private Limited, Bangalore

## 2. Photos of the events organized





### 3. Pictures of all participating teams





## 4. Judging Process

### Rubrics for the Internal Review: 19th September 2013

S.No	Parameters	Marks
1.	Innovative Idea	20
2.	Social Relevance	20
3.	Solution Prototype/ Implementation Details	60
<b>Total</b>		<b>100</b>

### Rubrics for the Expert Review: 25th September 2013

S.No	Parameters	Marks
1.	Innovative Idea	20
2.	Social Relevance	20
3.	Solution Prototype/ Implementation Details	60
<b>Total</b>		<b>100</b>

### Rubrics for the Final Review: 18th September 2013

S.No	Parameters	Marks
1.	Novelty in the solution	30
2.	Clarity in process flow	30
3.	Technical Details (Architecture/ Algorithm)	40
<b>Total</b>		<b>100</b>

## 5. Jury Panel Photo and internet details

### **Internal Review:**

The following faculty members are involved in the review process on 19th September 2023

<b>S.No</b>	<b>Faculty Name</b>
Panel 1	Dr. M. Mohana Priya
	Dr. S. Priya
Panel 2	Dr. K. Aruchakala
	Dr. S. Sanguorba Mammam
Panel 3	Dr. A. Prasadkarthikeyan
	Dr. R. Saravathi

### **Expert Review: 25th September 2023**

<b>S.No</b>	<b>Faculty Name</b>
Panel 1	Dr. M. Mohana Priya
	Mr. Ashwin Rajarajan
Panel 2	Dr. K. Aruchakala
	Ms. Arya Priya
Panel 3	Dr. R. Saravathi
	Mr. Vignesh Prasad

### **Final Review: 26th September 2023**

<b>S.No</b>	<b>Faculty Name</b>
Panel 1	Dr. M. Mohana Priya
	Dr. K. Aruchakala



### 5. Nominated Top Teams

Team no.	SlNo	Ref no.	Name	Year & Section	Problem Statement
1	1	T1762133001	Ashithya Lakshmi R G	III Year & Sec 1	1411 - Mental health and well-being surveillance, assessment and tracking solution among children.
	2	T1762133004	Ashika Ashok	III Year & Sec 1	
	3	T1762133001	Ashvitharan C	III Year & Sec 1	
	4	T1762133028	Karthikeyan A	III Year & Sec 1	
	5	T1762133024	Johns A P	III Year & Sec 1	
	6	T1762133049	Radhakrishnan J	III Year & Sec 1	
2	1	T1762133029	Hemalatha H V	III Year & Sec 1	1734 - Developing a Blockchain-based CVault for Legal Records
	2	T1762133002	Agni Prasad H B	III Year & Sec 1	
	3	T1762133036	Anuruban M	III Year & Sec 1	
	4	T1762133049	Madhua S	III Year & Sec 1	
	5	T1762133047	Shivalika S	III Year & Sec 1	
	6	T1762133013	Dhanraj Aravind D	III Year & Sec 1	
3	1	2803010	Dhanraj Aravindhan	IV Year & Sec 1	IEEE-617 - AI/ML based intelligent de-noising for image algorithms
	2	2803009	Adarshkrishna K J	IV Year & Sec 1	
	3	2803005	Ash Suresh MB	IV Year & Sec 1	
	4	2803047	Saravathkumar K	IV Year & Sec 1	
	5	2803020	Adithyan E	IV Year & Sec 1	
	6	T1762133025	Karthikeyan P	III Year & Sec 1	
4	1	T1762133041	Madhu Jayashree K	IV Year & Sec 1	IEEE-401 - App-based solution to identify and solve disease in plants crops
	2	2803044	Karthik G	IV Year & Sec 1	
	3	T1762133038	Munika S	III Year & Sec 1	
	4	T1762133009	Bharani K	III Year & Sec 1	
	5	T1762133026	Karthikeswari V	III Year & Sec 1	
	6	T1762133023	Esashi M	III Year & Sec 1	
5	1	T1762133100	Sudhanya A	III Year & Sec 2	A unified portal for developing a model Curriculum for all the AI/ML Appraisal Institutes
	2	T1762133086	Anushkha S	III Year & Sec 2	
	3	T1762133100	Siddhith S	III Year & Sec 2	
	4	T1762133077	Karthikaran MPR	III Year & Sec 2	
	5	T1762133087	Sudhanshu M	III Year & Sec 2	
	6	T1762133003	Prasanthkumar S	III Year & Sec 2	

## 7. Judges, Photos and Details

Internal Reviewers		
S.No	Faculty Name	
1.	Dr.NI Mohana Priya Associate Professor, Department of CSE	
2.	Dr.R. Aravindkala Associate Professor, Department of CSE	
3.	Dr.S. Sangeetha Marudurai Assistant Professor, Department of CSE	
4.	Dr. A. Priyadarshini Assistant Professor, Department of CSE	
5.	Dr.S.Priya Assistant Professor, Department of CSE	
6.	Dr.R. Sareetha Assistant Professor, Department of CSE	

Judges/Jury members		
7.	Mr. Ashwin Rajanjan Tata Inria Private Limited, Haganama Software City, Kondalohali Colony, Brookfield, Bengaluru	
8.	Ms. Jayapriya Senior software engineer, Bosch Global Software Technologies Technologies, Coimbatore	
9.	Mr. Vishnu Prasad Senior software engineer, Bosch Global Software Technologies Technologies, Coimbatore	

### B. Total Teams and Student Participants

Team no.	SNs	Roll no.	Name	Year & Section
1	1	71762109022	Hanish M	III Year & Sec 1
	2	71762109036	Manoj S	III Year & Sec 1
	3	71762109040	Prasanth S	III Year & Sec 1
	4	71762109050	Vidyaan V	III Year & Sec 1
	5	71762109066	Prasanth S	III Year & Sec 1
	6	71762109048	Prisanga K	III Year & Sec 1
2	1	71762109106	Siddhanta A	III Year & Sec 2
	2	71762109099	Anshuman S	III Year & Sec 2
	3	71762109106	Siddhant S	III Year & Sec 2
	4	71762109077	Rishabh MPS	III Year & Sec 2
	5	71762200267	Balaraman M	III Year & Sec 2
	6	71762109090	Prisadharan S	III Year & Sec 2
3	1	71762109061	Ashwin Kumar R G	III Year & Sec 1
	2	71762109064	Ashwin Ashok	III Year & Sec 1
	3	71762109061	Ashwin Kumar C	III Year & Sec 1
	4	71762109029	Karthikyan A	III Year & Sec 1
	5	71762109004	Arjun A P	III Year & Sec 1

	0	71762100340	Radhak Radhann J	III Year & Sem 1
4	1	71762100008	ABHILASHAN C S	III Year & Sem 1
	2	71762100010	DEEPI KUMAR W	III Year & Sem 1
	3	71762100014	DEEPI D	III Year & Sem 1
	4	71762100070	MAHEANDAN R	III Year & Sem 1
	5	71762100044	POOJA R	III Year & Sem 1
	6	71762100007	SARITHA S	III Year & Sem 2
	5	1	71762100058	Vignesh
2		71762100020	Gokulashankar K T	III Year & Sem 1
3		71762100018	Glavin A J	III Year & Sem 1
4		71762100000	Ajay Kohala H.	III Year & Sem 1
5		71762100007	Anwarudini K	III Year & Sem 1
6		71762100016	Chandini A	III Year & Sem 1
6	1	71762100020	Harshad Ravi B V	III Year & Sem 1
	2	71762100002	Ajay Prasad R S	III Year & Sem 1
	3	71762100008	Anandhan M	III Year & Sem 1
	4	71762100009	Mahesh S	III Year & Sem 1
	5	71762100040	Naveen R	III Year & Sem 1
	6	71762100011	Dharmaj Jayan D	III Year & Sem 1
7	1	71762100008	RAJAPUNPRITA R	III Year & Sem 1
	2	71762100017	GRI PRASATH V	III Year & Sem 1
	3	71762100047	PRITYA DEVARAGNIG	III Year & Sem 1
	4	71762100059	SHATHI J	III Year & Sem 1
	5	71762100054	SHIKESHIA R	III Year & Sem 1
	6	71762100002	SHREETHA B	III Year & Sem 1
8	1	71762100007	Tara S	III Year & Sem 1
	2	71762100010	Chandira M	III Year & Sem 1
	3	71762100016	Falgun F	III Year & Sem 1
	4	71762100001	Sathya Haradhan M	III Year & Sem 1
	5	71762100017	Manika S	III Year & Sem 1
	6	71762100012	Karthika S	III Year & Sem 1
9	1	71762100040	Matha Jayanth K	III Year & Sem 1
	2	71762100020	Karthikaran P	III Year & Sem 1
	3	71762100008	Manika S	III Year & Sem 1
	4	71762100009	Havyan K	III Year & Sem 1
	5	71762100026	Karthigaesha V	III Year & Sem 1
	6	71762100020	Kanish M	III Year & Sem 1
10	1	71762100116	SRIKANTH R	III Year & Sem 2
	2	71762100094	LIPLEXHA P	III Year & Sem 2
	3	71762100119	VIJITHI PRIYA M	III Year & Sem 2
	4	71762100094	ACSHAYA R B	III Year & Sem 2
	5	71762100060	ARSHAD AHMED A.	III Year & Sem 2
	6	71762100117	SIBIA K	III Year & Sem 2
11	1	71762100007	Manika M S	III Year & Sem 1
	2	71762100008	Anusha K	III Year & Sem 1

	3	71762200344	Balika B	II Year & Sec 1
	4	71762200349	Pradnya S	II Year & Sec 1
	5	71762200392	Ashvi Masulk	II Year & Sec 1
	6	71762200314	Chaitanya Khareke	II Year & Sec 1
12	1	71762200112	Neelika S	II Year & Sec 2
	2	71762200003	Ashwarya Y	II Year & Sec 1
	3	71762200001	Neerajika A	II Year & Sec 1
	4	71762200074	Hemaloksha E. M	II Year & Sec 2
	5	71762200061	Vanya Madhur G	II Year & Sec 1
13	1	71762200103	Sudha Div. N	II Year & Sec 2
	2	71762200087	Melvin	II Year & Sec 2
	3	71762200111	Misha Hitesh B	II Year & Sec 2
	4	71762200106	Raksh S	II Year & Sec 2
	5	71762200113	Saanvi S	II Year & Sec 2
14	1	71762200001	Priyanka Anirudh	II Year & Sec 2
	2	71762200123	Varshith B	II Year & Sec 2
	3	71762200076	Sanjay G	II Year & Sec 2
	4	71762200122	Vaishali Raj W C B	II Year & Sec 2
	5	71762200104	Sudha S. M	II Year & Sec 2
	6	71762200113	Arjunan S	II Year & Sec 2
15	1	2061010	Dhruvika Adarsh	IV Year & Sec 1
	2	2061005	Ashwaththaraj K. I.	IV Year & Sec 1
	3	2061001	Ashwini Mahi	IV Year & Sec 1
	4	2061045	SureshKumar E.	IV Year & Sec 1
	5	2061031	Indira S.	IV Year & Sec 1
	6	7176210020	Karthikanya P	III Year & Sec 1
16	1	2061004	Balaraman G	IV Year & Sec 1
	2	2061002	Anand V	IV Year & Sec 1
	3	2061006	Dhruvish P. M	IV Year & Sec 1
	4	2061011	Gopikani M	IV Year & Sec 1
	5	2061041	Sudha J. V	IV Year & Sec 1
	6	2061000	Bhikhi Vikram P	IV Year & Sec 1

# COIMBATORE INSTITUTE OF TECHNOLOGY

(Govt. Aided Autonomous Institution Affiliated to Anna University)

Coimbatore - 641014



## CRYPTERA 2K24

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REPORT



## About CRYPTERA

CRYPTERA is a National-level technical intercollegiate symposium conducted by the Computer Science and Engineering department of Coimbatore Institute of Technology on March 1<sup>st</sup> and 2<sup>nd</sup> 2024. This dynamic event encompasses a diverse array of technical and non-technical competitions, workshops, and webinars, fostering an environment where students can sharpen their skills and expand their knowledge. From cutting-edge hackathons to thought-provoking tech talks by industry leaders, CRYPTERA offers a platform for attendees to engage with the latest trends in technology.



## ORGANISING COMMITTEE

Head Of The Department	:	Dr.A.Kunhovi
Staff Coordinator	:	Dr.M.Mahapriya
Staff Coordinator	:	Dr.S.Sangeetha Mariammasai
Staff Coordinator	:	Dr.S.Driya
President	:	Arulad Ahmad A
Vice-President	:	Harshad Ravi R.V
Secretary	:	Rajapriya R.
Secretary	:	Kirthika T
Joint Secretary	:	Anavashini K.
Joint Secretary	:	Jasani M
Treasurer	:	Gokul Ajay P
Treasurer	:	Narmada R
Technical Event Head	:	Mitha Jewahar K
Technical Event Head	:	Niranjana R.M
Non-Technical Event Head	:	Mukiln S
Non-Technical Event Head	:	Akshaya R.B
Design Head	:	Prakash S
Design Head	:	Priyarth V
Public Relations Head	:	Feena F
Public Relations Head	:	Priyadarshini S

## EVENTS

Technical Events	Non Technical Events	Flagships
Cyberug	Turn Up	Workshops
CSS Battle	Movie Quiz	Paper Presentation
Tech Food	Poster Design	Free Fire
Blind Code	Arts N Emotion	Valorant
Knobled Code	Spill Some Ink	Hackathon
UI Design Contest	Treasure Hunt	Chess
Mixing Code	Marvel/DC Quiz	BGMH
PC Building	Type Racer	IPL Auction
Crypters Coding Contest	Snap Quest	Carrom
Prompt Engineering	Attack On Anime	
Reverse Coding	Party Games	
Clash Of Code	Sales Talk	

Event	Event head
Outbeg	Suresh S
CSS Battle	Alakshya R B
Tech Funt	Kanad M
Blind Code	Dhruvi Jayan D
Jumbled Code	Bhavana E
UI Design Contest	Deeba Dandhi S A
Mining Code	Infans A P
PC Building	Dobal Ajay P
Cyprus Coding Contest	Olivia A J
Prompt Engineering	Maha Javakar K
Reverse Coding	Taran S
Crack Of Code	Pooj Dhandhi G
Tech Up	Chandini A
Movie Quiz	Vishal B
Phone Design	Priyank V
Anti X Emotion	Anuragkhal E
Spill Some Ink	Sarvansha A
Traverse hunt	Seetha Harshita M
Marvel DC Quiz	Olivia A J
Type Race	Thiryanthika R
Jeop Quiz	Madhusmita M
Attack On Anime	Ashad Ahmed A
Edm Talk	Mohit S
Party Quiz	Pravin K
Workshops	Alakshya Arshob
Page Presentation	Lijalika P
Free Fire	Dhig Kumar M
Valent	Ashika sai Srinivas B
Mediation	Subhiksha E
Chess	Kanish M
BOOH	Rishab S
Campus	Ran Janda
IEL Asses	Dilip Kumar
Escape room	Vishal

## TECHNICAL EVENTS

**EVENT NAME:** OpDebug

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 9:00 AM

**Participant Count:** 254

OpDebug is a debugging coding event that challenges participants to debug code snippets and solve programming problems efficiently. The event is often held as part of technical conferences, hackathons, or coding competitions.

### Round 1: MCQ Quiz

The first round of the event is a Quiz consisting of 30 multiple-choice questions in 4 programming languages: - Python, Java, C, C++. Participants are required to answer questions related to debugging concepts, programming languages, algorithms, and data structures in any one of the 4 languages. The quiz was conducted on the Quizms platform for 15 mins.

### Round 2: Code Editing and Debugging

In the second round, participants are presented with buggy code snippets. Their task is to identify and fix the bugs without altering the logic of the code. Participants must ensure that the edited code passes all test cases provided.

**Winner:** Ishik K from National Engineering College

**Runner:** Alex B from National Engineering College



**EVENT NAME:** CSS Battle

**DATE:** 1<sup>st</sup> March 2024

**TIME:** 9:00 AM

**Participant Count:** 178

CSS Battle is an exhilarating competition that puts web developers' styling prowess to the test. Participants engage in three intense rounds, each lasting for a duration of 20, 15, and 15 minutes, respectively. The battlefield is the browser, and the weapon of choice is Cascading Style Sheets (CSS).

In the first round, contestants face a diverse set of challenges that require creative and efficient styling solutions. They must craft CSS rules to recreate intricate designs, ensuring pixel-perfect precision within the time constraints. As the clock ticks down, the pressure intensifies, pushing participants to showcase their ability to manipulate layout, colors, and animations.

Round two introduces a new set of challenges, each more demanding than the last. Contestants navigate through complex design puzzles, harnessing the power of CSS to

transform raw HTML into visually stunning masterpieces. The battle unfolds in real-time, as participants meticulously apply styles, demonstrating their understanding of selectors, pseudo-classes, and responsive design techniques.

As the competition progresses to the final and final round, participants are confronted with the most formidable challenges. They must channel their accumulated CSS knowledge to overcome intricate obstacles, implementing advanced styling techniques and pushing the boundaries of creativity. With only 15 minutes on the clock, every decision and keystroke counts as participants strive for excellence in their styling endeavours.

CSS Battle not only tests technical skills but also fosters a sense of camaraderie among developers worldwide. It serves as a platform for enthusiasts to showcase their talent, exchange ideas, and celebrate the artistry of CSS. In this battle of style and precision, participants emerge not only as skilled developers but as champions of the evolving web design landscape.

Winner: Prateb S from Maharashtra College of Engineering and Technology

Runner: Gurukulhar S from Kalyan



**EVENT NAME:** Tech Feud

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 2.30 PM

**Participant Count:** 190

The Tech Feud event featured three dynamic rounds that put participants' tech knowledge and skills to the test. In the first round, contestants tackled a series of challenging multiple-choice questions, with each correct answer earning them a point.

Round two switched gears, offering a coding challenge where participants showcased their programming prowess under time constraints. The final round added an electrifying element with a buzzer system, injecting a dose of adrenaline as competitors raced to be the first to answer a series of tech-related questions.

Throughout the event, participants demonstrated their passion for technology and their ability to think quickly and strategically. Ultimately, the Tech Feud event provided a thrilling platform for tech enthusiasts to engage, compete, and celebrate their shared love for all things tech.

The first round was conducted in Quisim. Second round was conducted in Hockersink and the final round in Cooman.

The winner of the event received a cash prize of Rs. 1000 and an achievement certificate to celebrate their outstanding performance. The runner-up was also awarded with a cash prize of Rs. 500 and a similar achievement certificate for their remarkable performance. Participation certificates are also given to all other participants as a token of appreciation for their contribution and dedication to the event.

**Winner Team:** Shifan Mohamedh S from Sri Eshwar College of Technology

Gokulraj K from Sri Krishna College of Technology

**Runner Team:** Sethiya Narayanan B from Sri Krishna College of Engineering and Technology

Neelakandan from Sri Krishna College of Engineering and Technology



**EVENT NAME:** Blind Code

**DATE:** 1<sup>st</sup> March 2024

**TIME:** 3:00 PM

**Participant Count:** 500

A technical event called Blind Code was organized for students from various colleges, allowing individual enrollment. The event comprised three rounds, each featuring coding challenges conducted on the HackerRank platform. Participants had to code blindly, without visual aid.

The first round featured an easy level coding question involving if-else statements, while the second round had a medium difficulty question. Following the completion of the second round, participant submissions were evaluated, and only the top 15 scorers advanced to the final round.

In the third round, participants were presented with two coding challenges and had to solve one of their choices. The first participant to successfully complete a challenge was declared the winner, while the second one became the runner-up.

Strict rules were enforced throughout the event, with any violations resulting in immediate disqualification. The event organizers made the final decision regarding winners and runners.

The winner of the event received a cash prize of Rs. 1000, while the runner-up received Rs. 500. Additionally, hard copies of certificates were provided to all participants.



**EVENT NAME:** Jumbled Code

**DATE:** 1<sup>st</sup> March 2024

**TIME:** 10:00 AM

**Participant Count:** 338

Jumbled Code is an event where participants are provided with lines of code in a jumbled order. The objective is for participants to arrange the lines correctly so that the code executes properly. This event is open to college students from all years of study. It was conducted on March 1, 2024.

The Jumbled Code event comprises two rounds, each designed to test participants' coding skills and problem-solving abilities. From Round 1, the top 10 participants will be selected to advance to Round 2.

In the first round, participants will engage in a quiz located on Quizizz, consisting of 25 questions. Each question will have a time limit of 1 minute, and participants will have a total of 25 minutes to complete the quiz. Each correct answer carries 1 point.

The second round will be a coding challenge based on HackerRank. Participants selected from Round 1 will face three coding questions. The challenge will involve rearranging jumbled code snippets provided in comments to form a functioning program.

Strict rules were enforced throughout the event, with any violations resulting in immediate disqualification. The event organizers made the final decision regarding winners and runners.

In recognition of their exceptional performance, the winner of the Coding Challenge event will be awarded a cash prize of Rs. 500, along with an achievement certificate to commemorate their achievement. Additionally, the runner-up will receive a cash prize of Rs. 250, accompanied by a similar achievement certificate recognizing their remarkable performance in the competition. For all other participants who took part in the challenge, participation certificates will be provided as a token of appreciation for their contribution and commitment to the event.

**Winner :** Arish Srivastava and Gaurav from Coimbatore Institute of Technology

**Runner :** Rajsh from Coimbatore Institute Of Technology

**2nd Runner:** Anur and Kritika J from Krags engineering College



**EVENT NAME:** UI Design

**DATE:** 7<sup>th</sup> March 2024

**TIME:** 11:00 AM

**Participant Count:** 107

A technical event called UI DESIGN was organized for students from various colleges, allowing individual enrollment. The UI Design Challenge was a captivating event organized with the aim of fostering creativity and innovation among participants in the field of user interface design. As the organizer of the competition, I strived to create an engaging platform where participants could showcase their talent and compete against their peers.

The competition was structured into a single round, designed to test different aspects of participants' UI design skills.

UI Design competition invites participants to unleash their creativity and design skills. Participants will be tasked with creating aesthetic designs based on the given themes. Once completed, participants will submit their work in the given format.

Strict rules were enforced throughout the event, with any violations resulting in immediate disqualification. The event organizers made the final decision regarding winners and runners. Plagiarism and unauthorized use of design assets were strictly prohibited.

The winner of the event received a cash prize of Rs. 1000, while the runner-up received Rs. 500. Additionally, hard copies of certificates were provided to all participants.

**Winner:** Shabbir Khan I from CSI College of Engineering

**Runner:** Jass M from KPR Institute of Technology



**EVENT NAME:** Missing Code

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 2:00 PM

**Participant Count:** 116

Missing Code, a captivating technical event, recently enthralled not only the students of Coimbatore Institute of Technology but also those from other esteemed colleges. With an innovative twist on coding challenges, participants were invited to test their skills in deciphering and completing snippets of code. Held within the serene confines of the library block, the event unfolded in a single, adrenaline-pumping round.

Each participant embarked on a quest to choose the server and solve the missing pieces of various code snippets within a strict time frame of 45 minutes. The atmosphere buzzed with anticipation as contestants immersed themselves in the intricacies of programming logic and syntax.

Emphasizing fairness and integrity, stringent rules were laid out, ensuring a level playing field for all participants. Any breach of these regulations resulted in immediate disqualification, highlighting the stakes and intensifying the competition.

Despite the challenges, a remarkable number of enthusiastic individuals enrolled in this intellectually stimulating event, showcasing their passion for coding and problem-solving. As

a token of appreciation for their participation, certificates were awarded to all attendees, acknowledging their dedication and effort. Furthermore, the champions who emerged victorious in cracking the code puzzles were honored with not just accolades but also a coveted cash prize, adding an extra layer of excitement and motivation to the event.

Amidst the fervor of the competition, winners and runner-up were selected based on their performance, meticulously evaluated through the displayed leaderboard. This transparent evaluation process added an extra layer of excitement and anticipation, keeping participants engaged until the final moments.

**Winner:** Papietam from Sri Eshwar College of Engineering

**Runner:** Keerthana Devi A from Coimbatore Institute of Technology



**EVENT NAME:** PC Building

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 2.00 PM

**Participant Count:** 104

Unlock the mysteries of PC building in our interactive workshop designed for beginners and enthusiasts alike! Whether you're diving into the world of gaming, content creation, or simply want to understand how your computer works, this event is for you. Join

us for a comprehensive session led by experienced PC builders who will guide you through every step of the process. From selecting the right components to assembling them with precision, you'll gain the skills and confidence to build your dream PC.

**Component Selection:** Learn how to choose the right CPU, GPU, motherboard, RAM, storage, and power supply.  
**Hands-On Assembly:** Get your hands dirty as you build your PC from the ground up. Our experts will be on hand to provide personalized guidance and tips throughout the process.  
**Cable Management Mastery:** Discover the art of cable management and how proper routing can improve airflow, aesthetics, and overall system performance.

**Troubleshooting Techniques:** Equip yourself with essential troubleshooting skills to diagnose and resolve common issues that may arise during the build process.

**Q&A Session:** Have burning questions about PC building? Our experts will be available to address your queries and provide additional insights.



**EVENT NAME:** Cryptex Coding Contest

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 10:50 AM

**Participant Count:** 114

The Cryptex Coding Contest unfolded seamlessly, drawing enthusiastic participants eager to showcase their coding skills. The event, spanning 2 hours, faced a minor challenge in lab allocation due to concurrent events. Around 143 users participated in the event which

include only participation. However, the organizing team adeptly managed the situation, ensuring a smooth and uninterrupted experience for all participants.

The atmosphere buzzed with excitement as participants delved into the intricacies of coding challenges. Comprehensive materials were provided, addressing any queries or doubts raised by participants. Notably, the event maintained a strict code of conduct, emphasizing the importance of efficient solutions over brute force approaches.

Technical glitches were kept at bay throughout the contest, allowing participants to focus solely on the coding challenges at hand. The organizing team's proactive approach ensured that any issues were promptly addressed, contributing to the overall success of the event.

Participants were encouraged to push their coding limits, and the leader board provided a transparent evaluation of their performance. Winners and runner-up were selected based on their achievements, adding an extra layer of competition and motivation to the contest.

In conclusion, the cryptic Coding Contest was a resounding success, leaving participants inspired and eager for future coding challenges. Certificates of participation were awarded to all attendees, while the champions received accolades and a coveted cash prize, marking a rewarding conclusion to this thrilling coding adventure.

**Winner :** Vikram K from National Engineering College

**Runner:** Mani Rajesh S from National Engineering College

**3rd Runner:** Paganaras from St Elixier Engineering College



**EVENT NAME:** Prompt Engineering

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 9:30 AM

**Participant Count:** 217

**Event Description:** Prompt engineering was a dynamic and innovative event hosted as part of **Cryptex 2024**. The event aimed to bring together creative minds and challenge participants to push the boundaries of image generation through prompt-based tasks. Participants were tasked with interpreting given prompts and creating captivating images that showcased their creativity, technical skills, and ability to think outside the box.

**Event Timeline:**

- Arrangement: 15 minutes
- Round 1 - Image Replication: 20 minutes
- Restoring: 5 minutes
- Round 2 - Imaginative Creation: 15 minutes
- Selection of winner and runner: 20 minutes

**Round 1 - Image Replication:** In this round, participants were provided with a reference image depicting a landscape. They were tasked with replicating the provided image using image generation platforms or software of their choice. Participants had to closely match the composition, style, and elements of the reference image while adding their own creative flair. The round challenged participants' attention to detail, technical proficiency, and ability to recreate a given scene within a limited time frame.

**Round 2 - Imaginative Creation:** For the second round, participants were given the theme prompt "My Dream Pet." They were tasked with creating an original image that depicted their ideal pet creature, whether it be fantastical, mythical, or entirely imaginary. Participants were encouraged to unleash their creativity, embracing unique and endearing companions that reflected their personalities and desires. The round provided participants with the opportunity to explore imaginative concepts, storytelling elements, and visual representation techniques.

**Judging Process:** The images generated are evaluated based on predetermined criteria. Each submission was assessed for creativity, technical skill, adherence to the prompt, and overall impact.

**Prizes and Recognition:** Prizes were awarded to the top two participants in each round, including cash rewards, certificates of achievement. The cash reward for winner is Rs.1000

and that for runner is Rs.500. Winners were announced during the prize distribution ceremony, where participants received recognition for their outstanding creativity and talent.

**Participant Feedback:** Participant feedback was collected. Many participants expressed appreciation for the opportunity to showcase their skills, interact with fellow enthusiasts. The event fostered a sense of camaraderie and inspiration among participants, inspiring them to continue exploring the possibilities of prompt-based engineering. They also suggested increasing time for the first round and we recognized that.

**Conclusion:** Prompt Engineering proved to be a rewarding success, captivating participants and attendees alike with its unique blend of creativity, innovation, and technical skill. The event served as a platform for participants to unleash their imagination, challenge themselves, and connect with peers in the creative community. Prompt Engineering impact extended beyond the event itself, inspiring participants to continue honing their skills and pushing the boundaries of image generation. As a technical event of Prompt Engineering is poised to become a recurring highlight, driving innovation and fostering creativity in future editions.

**Winner:** Sri Prakash K. K from Sona College of Technology

**Runner:** Jignesh J from Sri Kalvya College of Technology



**EVENT NAME:** Clash of Code

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 11:30 AM

**Participant Count:** 214

The Clash of Code event promises an exhilarating journey for individual participants from various colleges, showcasing their passion for coding and problem-solving. It is a technical event which consists of three competitive rounds in total.

In the initial round, participants tackled coding challenges on HackerRank, demonstrating their programming skills within strict time limits. A total of 10 questions are given and the one who solves the highest number of questions gets qualified to the second round. Based on the HackerRank leaderboard the participants are shortlisted to the next round.

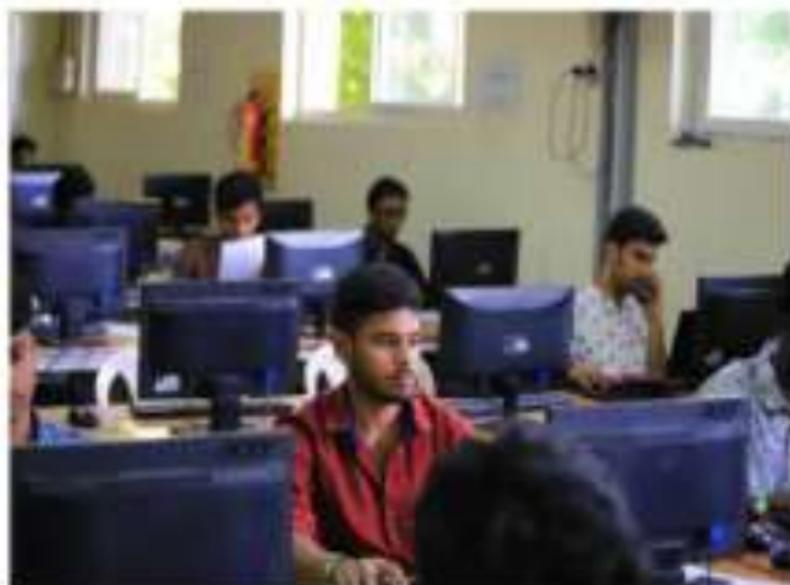
Following this, the second round challenged the participants with a technical quiz covering a spectrum of computer science topics, from algorithms and data structures, operating systems, DBMS etc., which was conducted in the QUIZZIX platform. 7 participants were shortlisted and entered the final round.

Finally, the third round presents a unique combination challenge, blending elements of reverse coding, mixing code puzzles, and SQL queries culminating in a snakes and ladders format. Participants will traverse the snakes and ladders format, each box representing a distinct challenge to overcome. Participants who reaches the final box by solving the highest number of questions is declared as the winner.

The winner of the event received a cash prize of Rs. 700 and an achievement certificate to celebrate their outstanding performance. The runner-up also awarded with a cash prize of Rs. 300 and a similar achievement certificate for their remarkable performance. Participation certificates are also given to all other participants as a token of appreciation for their contribution and dedication to the event.

**[Winner: Parvot R from Sans College of Technology]**

**Runner: Navish Kumar S from Government Polytechnic College**



## NON-TECHNICAL EVENTS

**EVENT NAME:** Treasure Hunt

**DATE:** 1<sup>st</sup> March 2024

**TIME:** 10:00 AM

**Participant Count:** 110

Treasure hunt, a non-technical event, was conducted for the students. Participants were allowed to work individually or as a team of two. The event structure unfolded in three distinct phases: the initial quest for Ponce de Leon's map, the subsequent journey to the youth fountain, and the final search for Agua de Vida.

The first round involved finding the map and included elimination. It was held entirely within the main block of Coimbatore Institute of Technology. The remaining two rounds covered all areas of the college. In the second round, participants had to find all 10 clues located at various places in the college, using the map they found in the first round.

The first three teams to arrive at the venue after the second round and finding all the clues were promoted to the third round. The third round was a treasure hunt where participants needed to find a trophy, guided by riddles provided to them.

**Winner:** Harisesh A and Anjana M from Sri Ramakrishna Institute of Technology



**EVENT NAME:** Movie Quiz

**DATE:** 7<sup>th</sup> March 2024

**TIME:** 3:30 PM

**Participant Count:** 130

The movie quiz, a non-technical event, held in the auditorium as part of our symposium, "Hollywood", was a resounding success, with an overwhelming number of registrations and enthusiastic participation.

The auditorium buzzed with excitement as spectators gathered to test their knowledge of Tamil cinema. The atmosphere was vibrant, with teams showcasing their enthusiasm and competitive spirit. The event was expertly organized, with the auditorium providing the perfect backdrop for an engaging and interactive quiz.

Participants were challenged with a diverse range of questions covering various genres, eras, and iconic moments in history of Hollywood.

Various rounds were conducted to test the knowledge of all the participants who were dia, the first round consists of multiple choice questions conducted through Quizizz, second round was based on finding the movie name and songs by connecting images and the final round was based on minimalist posters, finding the songs and movie names by audio.

The event's success was a dedication of the organizing team, who secured seamless logistics and a memorable experience for all involved.

**Winner:** Kavi and Petchinvaragan from KJ Somaiya Institute of Engineering and Technology



**EVENT NAME:** Poster Design

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 4:00 PM

**Participant Count:** 104

Poster design is a creative process that visually communicates messages or ideas through images, typography, and graphics. It aims to capture attention, convey information, and evoke emotions within a concise layout. Effective designs balance aesthetic with functionality, utilizing principles of composition, color theory, and typography. They often employ bold graphics, vibrant colors, and concise text to grab attention and convey messages quickly and effectively. Successful posters are memorable, engaging, and strategically crafted to achieve specific communication goals.

Round 1 of the poster design competition invites participants to unleash their creativity and design skills. Participants will be tasked with creating captivating posters based on a given

issues or topic. Once completed, participants will submit their posters for evaluation by a panel of judges.

After careful consideration, the judges will select a winner and a runner-up based on criteria such as creativity, visual appeal, and effectiveness in conveying the message. The winning designer will be awarded a cash prize of ₹.500 along with a winner certificate, while the runner-up will receive a cash prize of ₹.250 along with a runner certificate.

Additionally, all participants will be recognized for their efforts and dedication with a participation certificate. This competition aims to celebrate talent, encourage creativity, and recognize outstanding poster design skills.

**Winner:** Dixit Tharun Raja from KPR Institute of Engineering and Technology

**Runner:** Sri Sakshi Mishra from Sri Ramakrishna College of Arts and Science



**EVENT NAME:** Art N Emotion

**DATE:** 03-02-2024 - 06-03-2024

**Participant Count:** 50

The Arts N Emotion event was an online event, dedicated to showcasing drawings and paintings from talented artists. The event registration forms are circulated from 03.03.2024 for participants to express their creativity through various themes and styles of artwork, then their artworks are posted in Instagram. The result was declared based on the likes and jury decision.

From March 3rd to March 6th, 2024, a captivating event unfolded as 11 talented artists converged to exhibit their creative prowess through drawings and paintings. With an open interpretation theme, the virtual gallery resonated with a vibrant tapestry of artistic expressions. Spanning a diverse array of themes, from the serene beauty of nature to the enigmatic realms of abstract and surrealistic visions, the artworks captured the essence of human imagination.

Each piece bore the distinct imprint of its creator, reflecting a rich tapestry of styles encompassing realism, impressionism, cubism, and beyond. Within the immersive digital space, viewers were transported through a kaleidoscope of emotions, encountering works that stirred empathy, joy, introspection, and nostalgia. Through masterful use of color, composition, and subject matter, the artists transcended boundaries, inviting spectators to explore the depths of their own perceptions and emotions. In this collective celebration of creativity, the event emerged as a testament to the enduring power of art to inspire, provoke, and unite across boundaries of time and space.

**EVENT NAME :** Spill Some Ink

**DATE:** 03.03.2024 - 06.03.2024

**Participant Count:** 14

A non-technical event called Spill some ink was organized for students from various colleges, allowing individual enrollment that is solo participant. In Spill some ink - the paper is filled with ink which comes in the form of stories or poems in both English or Tamil. The participants are allowed to write stories or poems in Tamil or English and asked to submit a jpg/png image in assigned google form. No entry fee or special fee for this event. It's a free entry event conducted in online mode.

The google form was open on the day of registration and was closed one day before. The winner of the event was rewarded with a cash prize of Rs. 300. Additionally, e-certificates were provided to all participants.

**EVENT NAME :** Tune Up

**DATE:** 05-03-2024 - 06-03-2024

**Participant Count:** 6

At Cryptus Symposium, Tune Up brought together participants showcasing their musical talents through a streamlined process. Using a Google Form, participants registered and uploaded their performance videos. Two winners emerged—one for vocals and another for instruments—highlighting the diverse talent pool. This digital approach exemplified the fusion of technology and artistry, fostering a vibrant community of creativity and innovation.

**EVENT NAME:** Marvel DC Quiz

**DATE:** 1<sup>st</sup> March 2024

**TIME:** 4:00 PM

**Participant Count:** 158

The Marvel/DC Quiz hosted as a non-technical event during our symposium, was a thrilling showcase of comic book and superhero knowledge, attracting participants from all over. The event featured two rounds, each delving into the rich lore of both Marvel and DC comics, series, and movies.

**Round 1: Quizizz Challenge** The first round commenced with a Quizizz challenge, where 11 teams, comprising solo, duo, and trio participants, tested their knowledge across a spectrum of Marvel and DC trivia. Questions ranged from character origins to iconic storylines, keeping the participants on their toes.

After an intense battle of wits, four teams emerged victorious, qualifying for the next round.

**Round 2: Buzzin' Webby Showdown** In round 2, the atmosphere escalated as the qualified teams faced off in a live presentation. Questions were presented using a PowerPoint (PPT) slideshow, featuring a variety of formats including quotes from characters, movie images, logos, character identification, true/false statements, and more.

Each team, armed with their knowledge and quick reflexes, logged into the Buzzin' Webby, eagerly waiting to press the buzzer and answer the questions.

The room buzzed with excitement as teams competed head-to-head, showcasing their expertise and passion for the tabletop game.

**Event Success and Conclusion:** The Marvel DC Quiz event was a resounding success, fostering camaraderie among participants while testing their knowledge of the Marvel and DC universes. The winning team received a reward of Rs. 250 and a certificate, while all participants were honored with E-certificates, recognizing their enthusiasm for the event.

**Winner :** Prava Kumar V R., Karuppanay P., Kishanaravi K from the College of Engineering

**EVENT NAME:** Type Racer

**DATE:** 1<sup>st</sup> March 2024

**TIME:** 3:00 PM

**MODE:** Hybrid

**Participant Count:** 240

The format of the Type Racer event involves participants typing a predetermined text, such as a paragraph or a series of sentences, into a computer or typing interface.

The accuracy of typing is measured by comparing the typed text with the original passage, with errors penalized by either subtracting words per minute (WPM) or adding a time penalty for each mistake.

The Type Racer platform provides real-time feedback on typing speed, accuracy, and rankings, allowing participants to track their progress and compare their performance with others. For many participants, this event acts as an opportunity for continuous improvement. Even after a competition ends, typists may continue to practice and refine their skills with the goal of achieving better results in future events.

Type Racer event served as a fun and engaging way to improve typing skills while also fostering a sense of friendly competition among participants.

**Winner :** Aditya P S from Christiana Institute Of Technology



**EVENT NAME:** Snap Quest

**DATE:** 03/02/2024 - 29/02/2024

**Participant Count:** 37

Snapquest is an exciting photography event where participants are invited to showcase their talent and creativity by capturing the beauty of the world around them.

Conducted entirely online, this event offers free participation with no entry or special fees required. Participants had the opportunity to showcase their skills and compete for the winner's prize of Rs. 250.

The registration form was open for entries from 03/02/2024 to 29/02/2024. Participants have contributed numerous creative photographs to Snapquest. On the date of the Cryptex event, 03/03/2024, the image was posted on Instagram as part of the Snapquest photography event. The Final results were determined on 05/03/2024 based on a combination of Instagram likes and a jury decision.

**EVENT NAME:** Attack On Anime

**DATE:** 3<sup>rd</sup> March 2024

**TIME:** 3:00 PM

**Participant Count:** 169

The Attack On Anime, known as a non-technical event during our symposium, was a thrilling showcase of comic book and expertise knowledge, attracting participants from all over. The event featured two rounds, each delving into the rich lore of Anime.

**Round 1: Quizzer Challenge** The first round commenced with a Quizzer challenge, where 11 teams, comprising solo, duo, and trio participants, tested their knowledge across a spectrum of Anime trivia. Questions ranged from character origins to iconic storylines, keeping the participants on their toes.

After an intense battle of wits, four teams emerged victorious, qualifying for the next round.

**Round 2: Buzzin' Webapp Showdown** In round 2, the atmosphere escalated as the qualified teams faced off in a live presentation. Questions were presented using a PowerPoint (PPT) slideshow, featuring a variety of formats including quotes from characters, movie images, logos, character identification, true/false statements, and more.

Each team, armed with their knowledge and quick reflexes, logged into the Buzzin'Live webapp, eagerly waiting to press the buzzer and answer the questions.

The room buzzed with excitement as teams competed head-to-head, showcasing their expertise and passion for the otaku genre.

**Event Success and Conclusion:** The Attack on Anime event was a resounding success, fostering camaraderie among participants while testing their knowledge of the Anime universe. The winning team received a reward of Rs. 250 and a certificate, while all participants were honored with E-certificates, recognizing their enthusiasm for the event.

**Winner :** Mani P and Prashay R. from Anna University Regional Campus Coimbatore.

## FLAGSHIP

**EVENT NAME:** Paper Presentation

**DATE:** 01/05/2024

**Participant Count:** 114

The Paper Presentation Symposium unfolded as a dynamic two-day event on March 1 and 2, attracting over 100 teams from diverse colleges. This intellectual arena served as a platform for participants to showcase their innovative ideas, fostering a rich exchange of knowledge and insights. It provided an invaluable opportunity for aspiring scholars to present their research and engage in discussions that transcended the boundaries of conventional thinking.

On the first day of the event, the enthusiastic teams gathered to present their papers, spanning diverse topics ranging from technology and engineering to social sciences and humanities. The atmosphere buzzed with intellectual fervor as participants engaged in thought-provoking discussions and exchanged ideas. The event facilitated networking opportunities, allowing students and researchers to connect with like-minded individuals from different corners.

The organizing committee ensured a seamless flow of presentations, creating an environment that encouraged collaboration and knowledge-sharing. As the day unfolded, the jury members, comprising experts from various fields, diligently evaluated each presentation, considering the novelty, depth, and practical implications of the ideas presented.

**Duration of Event:** The event starts at 9am and ends at 4:30pm

**DATE:** 02/05/2024

The second day built upon the momentum of the first, with more riveting presentations and insightful discussions. Teams continued to showcase their research, shedding light on emerging trends and groundbreaking concepts.

Jury members, distinguished professionals in their respective fields, brought their expertise to the evaluation process, scrutinizing the presentations for academic rigor and real-world applicability. The quality of the ideas presented reflected the dedication and hard work invested by each participating team.

**Duration of Event:** The event starts at 9am and ends at 4:30pm

In this exhilarating moment of the Paper Presentation, it is not only the champion that deserves our applause, but the entire cohort of participants who have collectively enriched the academic landscape through their innovative research endeavours. As we stand at the intersection of diverse ideas and scholarly pursuits, it becomes evident that each presentation has played a crucial role in shaping the vibrant tapestry of knowledge and discovery.

**Winner :** Vaibhav Krishna and Deepak Kumar from KPR Institute of Engineering and Technology

**Runner:** Manjita Kumar M, Balakrishnan S from Government Polytechnic College



**EVENT NAME: BGMI****DATE: 00/00/2024 - 02/03/2024****Participant Count: 24**

Gear up for the ultimate adrenaline-fueled competition in the Battle Royale showdown, a high-stakes tournament exclusively for Battlegrounds Mobile India (BGMI) players! Get ready to prove your skills, showcase your skills, and emerge victorious in the thrilling battlegrounds.

Compete in intense solo matches or team up with friends for squad-based warfare, where teamwork and strategy are key to survival.

**Round 1:**

1) Battle royale mode

2) Top 4 teams TDM

**EVENT NAME: Free Fire Tournament****DATE: 00/00/2024 - 02/03/2024****Participant Count: 24**

The Free Fire Tournament, a flagship online event, set the virtual battleground ablaze with intense competition among 24 participating teams on the challenging Bermuda map. This thrilling tournament unfolded in three riveting rounds, beginning with Round 1 on March 1 at 6 pm. The Battle Royale format saw the top 2 teams from each group, totaling 8 teams, advancing to Round 2. Another Battle Royale ensued, leading to the qualification of 4 teams for the decisive Round 3.

On March 2 at 6 pm, Round 3 witnessed the top 4 teams engaging in knockout matches in Clash Squad, determining the coveted Winner and Runner-up positions. The Bermuda map

provided the challenging terrain for these high-stakes battles, testing the strategic prowess and teamwork of each participating squad.

The winners secured a prestigious Rs1000 prize, while the runner-up team earned Rs500, both accompanied by well-deserved e-certificates. This Free Fire Tournament celebrated exceptional gaming skills, competitive spirit, and strategic gameplay. Heartiest congratulations to the winners, and sincere appreciation to all participating teams for making the Demade Showdown a thrilling success!

**Winner :** KEC E-Sports

**Runner :** Last wing

**EVENT NAME:** Hackathon

**DATE:** 02/03/2024

**Participant Count:** 29

Hackathon is a national-level, brainstorming event that encourages young talent to generate solutions to real-world problems. Participants can work in teams of 4-5 members and use innovative ideation practices to brainstorm and work with specialized tools and come up with the most suitable and feasible one. The event aims to encourage students to find a solution and provide a kick start to implement them in the future.

Teams participating in the Hackathon were tasked with generating solutions to real-world problems within an open theme framework, with a preference for Smart City and Home Automation concepts. Submissions of topics was required by February 26th, with final solutions to be demonstrated through presentations and project implementation.

The decisions of the panel members were deemed final, and simulation was permitted through any software or hardware. Presentations were expected to cover various aspects, including the theme, introduction, problem statement, objectives, target users, proposed solution, sequence diagram, and conclusion.

To participate, students were instructed to upload their PPT and other necessary files before March 1st to the designated email address: [cryptohackathon@gmail.com](mailto:cryptohackathon@gmail.com).

The winners of the Hackathon were awarded prizes of Rs. 2000 for the winning team and Rs. 1000 for the runner-up. These prizes served as recognition for their outstanding contributions and innovative solutions presented during the event. The winning team demonstrated exceptional creativity and technical expertise in addressing real-world challenges, while the runner-up showcased commendable efforts and ideas that impressed the judging panel.

**Winner :** Arjun Prakash And Team from Sri Eshwar College of Engineering

**Runner:** Balu Chandrar and Team from Erode Sengunthar Engineering College



**EVENT NAME:** Valorant Tournament

**DATE:** 01-05-2024 - 03-05-2024

**Participant Count:** 21

The Valorant tournament is an online esports event, which has been played by 20 teams on very challenging maps. The tournament started on March 1 by 6 PM which was the first knockout match. On March 2 again the event started by 6 PM, which was the second knockout match and quarter finals.

On March 3, the semi-finals were conducted as a league match and the people qualified from semi-finals played final. Finals were held in three rounds with three different maps. Best of 3 was the game.

Winner got a cash prize of rupees 2000 and the runner got a cash prize of rupees 1000. Matches went very friendly and some of the teams met their friends in their opponent team, which made the tournament interesting and fun.

**Winner :** Team YoYo

**Runner :** Team CIT

**EVENT NAME:** Carrom

**DATE:** 01/05/2024 - 02/05/2024

**Participant Count:** 64

Join us for an exhilarating showdown of skill, precision, and strategy at the Carrom Clash Championship! Whether you're a seasoned player or just starting out, this event promises an exciting opportunity to showcase your talent and compete against fellow enthusiasts.

Don't miss this opportunity to become a champion in the thrilling world of carrom! Join us at the Carrom Clash Championship and let the games begin!

**Rules**

- 1) Direct knockout
- 2) Top 4 qualify for semi



**EVENT NAME:** Chess Tournament

**DATE:** 01-03-2024 - 02-03-2024

**TIME:** 4:00 PM

**Participant Count:** 33

The Chess Tournament, a highly anticipated online event, saw 30 participants competing fiercely across two rounds on the renowned chess platform, Lichess. The action commenced with Round 1 on March 1, featuring 3 slots, each accommodating 10 skilled players. Following intense gameplay, 10 finalists emerged victorious, securing their spots for the ultimate showdown on March 2.

March 2 marked the pinnacle of competition as the 10 finalists clashed in a series of challenging chess matches. With nerves of steel and strategic brilliance, they vied for the coveted titles of Champion and Runner-up. The stakes were high as the battle unfolded on the digital chessboard, showcasing the participants' dedication and mastery of the game.

In the end, the top performer clinched the prestigious First Prize of 500 rupees, while the Runner-up claimed the honorable Second Prize of 250 rupees. These deserving winners not

only showcased their exceptional chess prowess but also demonstrated the true essence of sportsmanship and competitive spirit.

Congratulations to all participants for their remarkable performances and commitment to the game. The Chess Tournament on Lichen was indeed a thrilling journey filled with excitement, strategy, and sheer determination.

## **EVENT NAME: IPL Auction**

**DATE: 02/03/2024**

**Participant Count: 16**

The IPL Auction, a flagship event hosted at L201, unfolded as a riveting showcase of unclogging strategy and team-building. The participating 16 teams, engaged in a dynamic bidding process, evaluating player details such as base price, country, and rating. Each team meticulously formed their squads, adhering to category-wise requirements and allowing a maximum of 2 foreign players in the playing 11.

Purse management was crucial, starting with a 50cr budget, and bid increments were guided by well-defined rules. The scoring system, relying on player ratings, added an extra layer of complexity, ultimately determining the winning team. The coveted title and a prize of ₹1000 were awarded to the team with the highest total rating, showcasing the culmination of strategic decisions and astute team-building.

Foreign players' committed spirited bidding wars, intensifying the competition, while the auctioneer's astute provided a second chance for unsold players, injecting an element of unpredictability. The entire auction adhered to principles of fair play, with strict rules ensuring an equitable environment.

As a flagship event, participants were not only vying for victory but also for the prestigious title associated with the IPL Auction. The winning team, not only earned ₹1000 as the winning prize but also received e-certificates, adding an additional layer of recognition to their accomplishment. Sincere thanks were extended to all participants, team members, and auctioneers for their contributions to a memorable and thrilling experience.

**Winner : Jyesh Kishna from Coimbatore Institute Of Technology**

## OFFLINE WORKSHOPS

**EVENT NAME :** WORKSHOP ON 'UNCOVER YOUR NEXT BIG IDEA : DIVE INTO STARTUP POSSIBILITIES'

**DATE:** 1<sup>st</sup> March 2024

**TIME:** 10 am - 12 noon

**RESOURCE PERSON:** Vijay Kumar Ramgopal

**DESIGNATION:** Founder of ElectricFusion, Founder of Urvam Fitness Zone, Placement Coordinator at OMS College of Technology, Coimbatore

**Participant Count:** 135

Mr. Vijaykumar emphasized the importance of having a clear vision and mission for any startup venture. In his discourse, Mr. Vijaykumar delved into the intricacies of memory, distinguishing between sensory, short-term, and long-term memory. Understanding the workings of memory is essential for entrepreneurs as it influences information processing, decision-making, and learning. By leveraging memory effectively, entrepreneurs can retain valuable insights, learn from past experiences, and adapt to changing circumstances.

In his discussion on creativity and mental agility, Mr. Vijaykumar introduced an engaging activity aimed at stimulating the imagination and enhancing cognitive flexibility among participants. The activity involved drawing as many objects as possible that come to mind in response to a specified word or concept.

Participants were encouraged to unleash their creativity and explore various interpretations of the given word or concept. By leveraging their sensory memory, short-term memory, and long-term memory, participants were challenged to visualize and illustrate a diverse array of objects associated with the given prompt.

Entrepreneurship requires mental agility and resilience. Mr. Vijaykumar advocates for training the mind to enhance creativity, problem-solving abilities, and emotional intelligence. He emphasized the importance of nurturing a growth mindset and embracing continuous learning. Through practical exercises, such as drawing objects that come to mind, entrepreneurs can stimulate creativity and expand their cognitive horizons.

Branding plays a pivotal role in shaping the identity and perception of a startup. Mr. Vijaykumar highlighted the significance of brand building and differentiation in a competitive market landscape. Successful entrepreneurs understood the nuances of branding and strive to create authentic, compelling narratives that resonate with their target audience.

They capitalize on emerging trends, identify unmet needs, and seize opportunities to carve a distinct market presence.

Mr. Vijayakumar shed light on the entrepreneurial mindset characterized by opportunism and adaptability. Successful entrepreneurs possess a keen eye for spotting trends, identifying gaps in the market, and capitalizing on emerging opportunities. They are agile, resilient, and proactive in navigating the dynamic business environment. By embracing uncertainty and leveraging their strengths, entrepreneurs can turn challenges into opportunities for growth and innovation was beautifully explained by him.

The guest speaker was honored with a memento at the end of the workshop by Dr. Saritha, A N, Professor, Department of CSR, GIT.

All the participants were given participation certificates.



**EVENT NAME : WORKSHOP ON "CHARGED UP - EXPLORING THE POTENTIAL OF ELECTRIC VEHICLES"**

**DATE:** 1<sup>st</sup> March 2024

**TIME:** 2 pm - 4 pm

**RESOURCE PERSON:** Mohanraj Ramasamy

**DESIGNATION:** CEO and FOUNDER of Srivaru Motors, Former Senior manager in Tels Motors

**Participant Count:** 100

Mr. Mohanraj Ramasamy, Founder and CEO of SRIVARU Motors (SVM), conducted a workshop on electric vehicles (EVs) to promote sustainable transportation solutions. The workshop aimed to raise awareness about the benefits of EVs and drive innovation in the automotive industry.

During the workshop, Mr. Ramasamy showcased his electric motorcycle, the Tronx, emphasizing its performance and sustainability features. Attendees had the opportunity to witness firsthand the advancements in EV technology and learn about the environmental benefits of transitioning to electric mobility. The workshop served as a platform for fostering dialogue and collaboration among stakeholders in the EV ecosystem. His hands-on approach and dedication to sustainable energy solutions inspired attendees to explore the possibilities of electric mobility.

Finally, at the end of the workshop the students from various colleges clarified their doubts regarding Electric Vehicles. A memento was presented to the speaker by Dr S.Prjya, Assistant Professor, CRE, CIT. All the participants were provided with participation certificates.



**EVENT NAME : WORKSHOP ON 'UNLEASHING THE POWER OF MACHINE LEARNING: REAL-TIME APPLICATIONS IN ACTION'**

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 10 am - 12 noon

**RESOURCE PERSON:** Kirubán JK

**DESIGNATION:** Assistant professor, CSE department, KPR Institute of Engineering and technology

**Participant Count:** 168

The Machine Learning workshop commenced with an insightful introduction to Artificial Intelligence (AI) and Machine Learning (ML). Participants were provided with a foundational understanding of Machine Learning concepts.

The workshop seamlessly transitioned into real-time case analysis, illustrating the practical applications of ML across various industries. Examples included predictive maintenance in manufacturing, fraud detection in finance, and image recognition in healthcare. These scenarios provided attendees with insights into ML's impact on diverse sectors. Participants were introduced to essential tools for studying ML, with a focus on practicality. TensorFlow and Keras were explored, allowing attendees to gain hands-on experience and proficiency in these widely-used ML frameworks.

Key ML concepts, such as supervised learning and reinforcement learning, were elucidated. The workshop provided a clear understanding of supervised learning, where models are trained on labeled data, and reinforcement learning, emphasizing learning through interaction and feedback in dynamic environments. A comprehensive exploration of crucial ML algorithms was undertaken, including regression for predictive modelling, clustering for data grouping, and decision trees for classification. Practical implementations showcased how these algorithms address real-world challenges.

To reinforce understanding, an AI and ML quiz was conducted through an online quiz application. This interactive session tested participants' knowledge and provided a platform for self-assessment, reinforcing key concepts covered during the workshop. Valuable feedback was gathered from participants and they reflected their positive experiences over the table. The event was praised for its balanced approach, combining theoretical insights with hands-on applications. The guest speaker was honored with a memento at the end of the workshop by Dr S.Sangeetha Marimuthal, Assistant Professor, Department of CSE, CIT.

All the participants were given participation certificates.

**EVENT NAME : WORKSHOP ON AUGMENTED REALITY APP DEVELOPMENT**

**DATE: 3<sup>rd</sup> March 2024**

**TIME: 2 pm - 4 pm**

**RESOURCE PERSON: Denth MJ**

**DESIGNATION: XR Game Developer, Dotworld Private Technologies**

**Participant Count: 161**

The Workshop on Augmented Reality (AR) App Development provided a comprehensive insight into the dynamic realm of virtual reality (VR) and AR technologies. Attendees were guided through fundamental concepts, gaining a clear understanding of the distinction between VR and AR and their real-world applications through compelling examples. The workshop delved into the intricacies of game development and introduced participants to prominent gaming engines, with a spotlight on Unity. Through interactive sessions and hands-on demonstrations, attendees not only grasped the theoretical concepts but also actively engaged in practical exercises, culminating in the development of an Augmented Reality application. The workshop facilitator adeptly navigated participants through the installation and utilization of Unity, empowering them to create an AR application that seamlessly integrated holographic elements into real-world scenarios. By elucidating the potential of AR technology and providing practical guidance, the workshop fostered a deeper understanding of this field and equipped participants with valuable skills.

In addition to the technical aspects, the workshop facilitator offered insightful projections on the future implications of AR technology, highlighting its transformative potential across various sectors. Attendees gained invaluable insights into the practical applications of AR technology through real-world examples, including furniture apps, sports/fitness apps, and shopping apps.

The guest speaker was facilitated with a memento at the end of the workshop by Dr.S.Sangeetha Marimuthu, Assistant Professor, Department of CSE, CIT,Al. All the participants were given participation certificates.



#### **ONLINE WEBINARS**

**EVENT NAME :** WEBINAR ON 'MASTER THE ART OF GENAI: BUILD, CREATE AND INNOVATE'

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 10 am - 12 noon

**RESOURCE PERSON:** Mohammad Samir

**DESIGNATION:** AI/ML GenAI System Engineer, TCS

**Participant Count:** 19

It was an enlightening session which was conducted in Google Meet online platform that focused on artificial intelligence (AI) and its various subfields, including machine learning (ML), deep learning, and large language models (LLMs). Mr. Samir provided a comprehensive overview of AI, explaining its ability to mimic human cognitive functions and its wide range of applications in daily life, such as recommendation algorithms, virtual assistants, and self-driving cars.

During the webinar, attendees learned about the fundamentals of machine learning, which involves developing algorithms that can learn from data and improve their performance over time without explicit programming. Mr. Sameer illustrated this concept with practical examples, demonstrating how ML algorithms can analyze large datasets to make predictions, recommendations, or decisions. Additionally, he delved into the complexities of deep learning, highlighting its multi-layered neural networks and its transformative impact on various industries.

One of the webinar's key highlights was the discussion on large language models (LLMs), which excel in understanding and generating human language. Mr. Sameer explained how LLMs leverage massive datasets of text to analyze language patterns and engage in meaningful conversations with users. Through examples and hands-on exercises using tools like Google Cloud and Hugging Face, attendees gained practical insights into LLMs' capabilities, including prompting and language generation.

Overall, the webinar provided attendees with a comprehensive understanding of AI and its subfields, empowering them with valuable knowledge and practical skills to explore these technologies further in their respective domains.

All the participants were provided with a certificate.

**EVENT NAME : WEBINAR ON DISTRIBUTED DATA MASTERY:  
REVOLUTIONIZING CLOUD ARCHITECTURE**

**DATE:** 2<sup>nd</sup> March 2024

**TIMINGS:** 2 pm – 4 pm

**RESOURCE PERSON:** Vijay Lakshminarayana

**DESIGNATION:** Senior Director of Engineering, Freshworks

**Participant Count:** 97

The webinar was conducted in Google Meet online platform. The webinar provided a comprehensive overview of modern distributed systems and database technologies. Beginning with an exploration of various database types, including RDBMS like MySQL and NoSQL databases like MongoDB, attendees gained insights into the importance of organized data storage and retrieval. Mr. Vijay elucidated the process of implementing business logic using popular frameworks such as Java Spring Boot, Python Django, and NodeJS, ExpressJS and also highlighted the role of frontend technologies like AngularJS and ReactJS in serving users.

Moreover, the webinar delved into the operational aspects of distributed systems, covering topics such as DNS for server communication, load balancing for traffic distribution, and mitigation strategies for DDoS attacks. Attendees were introduced to advanced techniques like caching, replication and sharding to manage database loads effectively. The discussion underscored the benefits of caching, including distributed caching and load balancing, while also addressing the challenges such as data consistency and unknown value management.

Through practical examples and insightful explanations, participants gained a deeper understanding of the complexities involved in building and operating modern distributed systems. The webinar provided valuable insights into the foundational principles and operational considerations essential for developing robust and scalable distributed systems in today's digital landscape. All the participants were provided with a certificate.

**EVENT NAME : WEBINAR ON 'DEMISTIFYING AI AND DATA SCIENCE.**

**BUILDING A FUTURE CAREER IN A DATA DRIVEN WORLD'**

**DATE: 3<sup>rd</sup> March 2024**

**TIMING: 10 am - 12 noon**

**RESOURCE PERSON: Arvind Chandrasekar**

**DESIGNATION: Head of Data Science, Treasures Inc**

**Participant Count: 102**

The webinar was conducted in Google Meet online platform. The webinar proved to be an insightful exploration with thought-provoking keynote addresses, real-world applications, and technical deep dives. Participants gained a comprehensive understanding of Artificial Intelligence and Data Science fields. The discussion extended beyond technicalities, touching on ethical considerations and showcasing collaborative innovations.

In between the session, there were snippets of his experiences as a CITian which made participants connect the experiences shared with their college life. He termed it as CIT Interludes where he rejoiced in his (work) life, working in labs after college hours, hostel food, etc.

The session taken by Mr.Arvind was on-point and delved deep into the solutions of AI. Concepts related to Generative AI were also elucidated by the speaker. He then gave valuable insights to start and build a career as a Data Scientist. He listed down the prerequisites needed to become a data scientist.

Engaging Q&A sessions fostered interaction among students, creating a dynamic learning environment. The event concluded with attendees leaving with enriched perspectives and a renewed enthusiasm for the transformative potential that arises from the convergence of AI and Data Science.

## Prize Distribution

The Cryptex 2024 event was a remarkable occasion that brought together students from in and around Coimbatore. The event witnessed enthusiastic participation and showcased the dedication and talent of individuals. Following the successful conclusion of the event, the Head of the Department Dr.A.Kushnara, our senior staff Dr.M.Mohana Priya, our staff advisors Dr.S.Sangeetha Marimuthal and Dr.S.Priya collaborated to ensure a smooth and organized prize distribution process. The coordination between the department head and coordinators contributed to the efficiency of the distribution. We extend our appreciation to the head of the department and staff coordinators for their active involvement in the prize distribution process. Their commitment to recognizing and rewarding excellence significantly enhanced the overall success of the event. The event's prize distribution ceremony was a moment of celebration, highlighting the achievements and talents.

### DAY 1:





DAY 2:





## Conclusion

The Crypteda 2024 was conducted successfully and it was a great success. Over 2500 participants attended Crypteda over the two days from colleges all over Tamil Nadu. The feedback was collected from the participants during the events regarding the individual events and the overall event. The feedback was mostly positive. The positive feedback was about the overall organization of the events, hospitality of the front desk and the volunteers. The negative feedback was about the timing of the events. Some participants were not able to attend two events of their choice due to the two events occurring at the same time. Feedbacks have been noted and will be reflected during the next year. We would like to thank the Principal Dr.A.Rajeshkumari for continued support and guidance for the events. We also would like to thank our Head of the Department Dr.A.Kanthavel, our senior tutor Dr.M.Mohana Priya, our staff advisors Dr.S.Sangeetha Mariammal and Dr.S.Priya without their guidance the event would not be possible. We would like to extend our gratitude to all the staff of the Department of Computer Science and Engineering for their support and guidance during and prior to the event. We would also like to thank the Management and Security team and for helping to organize the events.



# COIMBATORE INSTITUTE OF TECHNOLOGY

(Govt. Aided Autonomous Institution Affiliated to Anna University)

Coimbatore - 641014



## CRYPTERA 2K24

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REPORT



## About CRYPTERA

CRYPTERA is a National-level technical intercollegiate symposium conducted by the Computer Science and Engineering department of Coimbatore Institute of Technology on March 1<sup>st</sup> and 2<sup>nd</sup> 2024. This dynamic event encompasses a diverse array of technical and non-technical competitions, workshops, and webinars, fostering an environment where students can sharpen their skills and expand their knowledge. From cutting-edge hackathons to thought-provoking tech talks by industry leaders, CRYPTERA offers a platform for attendees to engage with the latest trends in technology.



## ORGANISING COMMITTEE

Head Of The Department	:	Dr.A.Kunthovai
Staff Coordinator	:	Dr.M.Mahesapriya
Staff Coordinator	:	Dr.S.Sangeetha Mariammasai
Staff Coordinator	:	Dr.S.Driya
President	:	Arulad Ahmad A
Vice-President	:	Harshad Ravi R.V
Secretary	:	Rajapongpriya R.
Secretary	:	Kirthika T
Joint Secretary	:	Anavarsini K.
Joint Secretary	:	Jasani M
Treasurer	:	Gokul Ajay P
Treasurer	:	Narmada R
Technical Event Head	:	Mitha Jewahar K
Technical Event Head	:	Niranjan R.M
Non-Technical Event Head	:	Mukuln S
Non-Technical Event Head	:	Akshaya R.B
Design Head	:	Prakash S
Design Head	:	Priyarth V
Public Relations Head	:	Feizza F
Public Relations Head	:	Priyadarshini S

## EVENTS

Technical Events	Non Technical Events	Flagships
Cyberug	Tune Up	Workshops
CSS Battle	Movie Quiz	Paper Presentation
Tech Food	Poster Design	Free Fire
Blind Code	Arts N Emotion	Valorant
Knobled Code	Spill Some Ink	Hackathon
UI Design Contest	Treasure Hunt	Chess
Mixing Code	Marvel/DC Quiz	BGMH
PC Building	Type Racer	IPL Auction
Crypters Coding Contest	Snap Quest	Carrom
Prompt Engineering	Attack On Anime	
Reverse Coding	Party Games	
Clash Of Code	Sales Talk	

Event	Event head
Outobeg	Suresh S
CSS Battle	Alakshya R B
Tech Funt	Kanad M
Blind Code	Dhruvi Jayan D
Jumbled Code	Bhavana E
UI Design Contest	Deeba Dandhi S A
Mining Code	Infans A P
PC Building	Dobal Ajay P
Cyprus Coding Contest	Olivia A J
Prompt Engineering	Maha Javakar K
Reverse Coding	Taran S
Clash Of Code	Pooja Dhandhi G
Tech Up	Chandini A
Movie Quiz	Vishal B
Poster Design	Priyank V
Anti X Emotion	Anuragkhal E
Spill Some Ink	Sarvansha A
Traverse hunt	Sethika Ramakrishna M
Marvel DC Quiz	Olivia A J
Type Race	Thiryanthika R
Jeop Quiz	Madhushika M
Attack On Anime	Ashad Ahmed A
Edm Talk	Mohit S
Party Quiz	Pravin K
Workshops	Alakshya Arshob
Page Presentation	Lijalika P
Free Fire	Dhig Kumar M
Valent	Ashika sai Srinivas B
Mediation	Subhiksha E
Chess	Kanish M
BOOM!	Rishab S
Campus	Ravi Janda
IEL Asseser	Dilip Kumar
Escape room	Vishal

## TECHNICAL EVENTS

**EVENT NAME:** OpDebug

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 9:00 AM

**Participant Count:** 254

OpDebug is a debugging coding event that challenges participants to debug code snippets and solve programming problems efficiently. The event is often held as part of technical conferences, hackathons, or coding competitions.

### Round 1: MCQ Quiz

The first round of the event is a Quiz consisting of 30 multiple-choice questions in 4 programming languages: - Python, Java, C, C++. Participants are required to answer questions related to debugging concepts, programming languages, algorithms, and data structures in any one of the 4 languages. The quiz was conducted on the Quizms platform for 15 mins.

### Round 2: Code Editing and Debugging

In the second round, participants are presented with buggy code snippets. Their task is to identify and fix the bugs without altering the logic of the code. Participants must ensure that the edited code passes all test cases provided.

**Winner:** Ishik K from National Engineering College

**Runner:** Alex B from National Engineering College



**EVENT NAME:** CSS Battle

**DATE:** 1<sup>st</sup> March 2024

**TIME:** 9:00 AM

**Participant Count:** 178

CSS Battle is an exhilarating competition that puts web developers' styling prowess to the test. Participants engage in three intense rounds, each lasting for a duration of 20, 15, and 15 minutes, respectively. The battlefield is the browser, and the weapon of choice is Cascading Style Sheets (CSS).

In the first round, contestants face a diverse set of challenges that require creative and efficient styling solutions. They must craft CSS rules to recreate intricate designs, ensuring pixel-perfect precision within the time constraints. As the clock ticks down, the pressure intensifies, pushing participants to showcase their ability to manipulate layout, colors, and animations.

Round two introduces a new set of challenges, each more demanding than the last. Contestants navigate through complex design puzzles, harnessing the power of CSS to

transform raw HTML into visually stunning masterpieces. The battle unfolds in real-time, as participants meticulously apply styles, demonstrating their understanding of selectors, pseudo-classes, and responsive design techniques.

As the competition progresses to the final round, participants are confronted with the most formidable challenges. They must channel their accumulated CSS knowledge to overcome intricate obstacles, implementing advanced styling techniques and pushing the boundaries of creativity. With only 15 minutes on the clock, every decision and keystroke counts as participants strive for excellence in their styling endeavors.

CSS Battle not only tests technical skills but also fosters a sense of camaraderie among developers worldwide. It serves as a platform for enthusiasts to showcase their talent, exchange ideas, and celebrate the artistry of CSS. In this battle of style and precision, participants emerge not only as skilled developers but as champions of the evolving web design landscape.

Winner: Prateb S from Maharashtra College of Engineering and Technology

Runner: Gurukulhar S from Kalyan



**EVENT NAME:** Tech Feud

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 2.30 PM

**Participant Count:** 190

The Tech Feud event featured three dynamic rounds that put participants' tech knowledge and skills to the test. In the first round, contestants tackled a series of challenging multiple-choice questions, with each correct answer earning them a point.

Round two switched gears, offering a coding challenge where participants showcased their programming prowess under time constraints. The final round added an electrifying element with a buzzer system, injecting a dose of adrenaline as competitors raced to be the first to answer a series of tech-related questions.

Throughout the event, participants demonstrated their passion for technology and their ability to think quickly and strategically. Ultimately, the Tech Feud event provided a thrilling platform for tech enthusiasts to engage, compete, and celebrate their shared love for all things tech.

The first round was conducted in Quisim. Second round was conducted in Hockersink and the final round in Cooman.

The winner of the event received a cash prize of Rs. 1000 and an achievement certificate to celebrate their outstanding performance. The runner-up was also awarded with a cash prize of Rs. 500 and a similar achievement certificate for their remarkable performance. Participation certificates are also given to all other participants as a token of appreciation for their contribution and dedication to the event.

**Winner Team:** Shifan Mohamedh S from Sri Eshwar College of Technology

Gokulraj K from Sri Krishna College of Technology

**Runner Team:** Sethiya Narayanan B from Sri Krishna College of Engineering and Technology

Neelakandan from Sri Krishna College of Engineering and Technology



**EVENT NAME:** Blind Code

**DATE:** 1<sup>st</sup> March 2024

**TIME:** 3:00 PM

**Participant Count:** 500

A technical event called Blind Code was organized for students from various colleges, allowing individual enrollment. The event comprised three rounds, each featuring coding challenges conducted on the HackerRank platform. Participants had to code blindly, without visual aid.

The first round featured an easy level coding question involving if-else statements, while the second round had a medium difficulty question. Following the completion of the second round, participant submissions were evaluated, and only the top 15 scores advanced to the final round.

In the third round, participants were presented with two coding challenges and had to solve one of their choices. The first participant to successfully complete a challenge was declared the winner, while the second one became the runner-up.

Strict rules were enforced throughout the event, with any violations resulting in immediate disqualification. The event organizers made the final decision regarding winners and runners.

The winner of the event received a cash prize of Rs. 1000, while the runner-up received Rs. 500. Additionally, hard copies of certificates were provided to all participants.



**EVENT NAME:** Jumbled Code

**DATE:** 1<sup>st</sup> March 2024

**TIME:** 10:00 AM

**Participant Count:** 338

Jumbled Code is an event where participants are provided with lines of code in a jumbled order. The objective is for participants to arrange the lines correctly so that the code executes properly. This event is open to college students from all years of study. It was conducted on March 1, 2024.

The Jumbled Code event comprises two rounds, each designed to test participants' coding skills and problem-solving abilities. From Round 1, the top 10 participants will be selected to advance to Round 2.

In the first round, participants will engage in a quiz located on Quizizz, consisting of 25 questions. Each question will have a time limit of 1 minute, and participants will have a total of 25 minutes to complete the quiz. Each correct answer carries 1 point.

The second round will be a coding challenge based on HackerRank. Participants selected from Round 1 will face three coding questions. The challenge will involve rearranging jumbled code snippets provided in comments to form a functioning program.

Strict rules were enforced throughout the event, with any violations resulting in immediate disqualification. The event organizers made the final decision regarding winners and runners.

In recognition of their exceptional performance, the winner of the Coding Challenge event will be awarded a cash prize of Rs. 500, along with an achievement certificate to commemorate their achievement. Additionally, the runner-up will receive a cash prize of Rs. 250, accompanied by a similar achievement certificate recognizing their remarkable performance in the competition. For all other participants who took part in the challenge, participation certificates will be provided as a token of appreciation for their contribution and commitment to the event.

**Winner :** Arish Srivastava and Gaurav from Coimbatore Institute of Technology

**Runner :** Rajath from Coimbatore Institute Of Technology

**2nd Runner:** Anuraj and Kritika J from KJ Somaiya Engineering College



**EVENT NAME:** UI Design

**DATE:** 7<sup>th</sup> March 2024

**TIME:** 11:00 AM

**Participant Count:** 107

A technical event called UI DESIGN was organized for students from various colleges, allowing individual enrollment. The UI Design Challenge was a captivating event organized with the aim of fostering creativity and innovation among participants in the field of user interface design. As the organizer of the competition, I strived to create an engaging platform where participants could showcase their talent and compete against their peers.

The competition was structured into a single round, designed to test different aspects of participants' UI design skills.

UI Design competition invites participants to unleash their creativity and design skills. Participants will be tasked with creating aesthetic designs based on the given themes. Once completed, participants will submit their work in the given format.

Strict rules were enforced throughout the event, with any violations resulting in immediate disqualification. The event organizers made the final decision regarding winners and runners. Plagiarism and unauthorized use of design assets were strictly prohibited.

The winner of the event received a cash prize of Rs. 1000, while the runner-up received Rs. 500. Additionally, hard copies of certificates were provided to all participants.

**Winner:** Shabbir Khan I from CSI College of Engineering

**Runner:** Jass M from KPR Institute of Technology



**EVENT NAME:** Missing Code

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 2:00 PM

**Participant Count:** 116

Missing Code, a captivating technical event, recently enthralled not only the students of Coimbatore Institute of Technology but also those from other esteemed colleges. With an innovative twist on coding challenges, participants were invited to test their skills in deciphering and completing snippets of code. Held within the serene confines of the library block, the event unfolded in a single, adrenaline-pumping round.

Each participant embarked on a quest to choose the server and solve the missing pieces of various code snippets within a strict time frame of 45 minutes. The atmosphere buzzed with anticipation as contestants immersed themselves in the intricacies of programming logic and syntax.

Emphasizing fairness and integrity, stringent rules were laid out, ensuring a level playing field for all participants. Any breach of these regulations resulted in immediate disqualification, highlighting the stakes and intensifying the competition.

Despite the challenges, a remarkable number of enthusiastic individuals enrolled in this intellectually stimulating event, showcasing their passion for coding and problem-solving. As

a token of appreciation for their participation, certificates were awarded to all attendees, acknowledging their dedication and effort. Furthermore, the champions who emerged victorious in cracking the code puzzles were honored with not just accolades but also a coveted cash prize, adding an extra layer of excitement and motivation to the event.

Amidst the fervor of the competition, winners and runner-up were selected based on their performance, meticulously evaluated through the displayed leaderboard. This transparent evaluation process added an extra layer of excitement and anticipation, keeping participants engaged until the final moments.

**Winner:** Papietam from Sri Eshwar College of Engineering

**Runner:** Keerthana Devi A from Coimbatore Institute of Technology



**EVENT NAME:** PC Building

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 2.00 PM

**Participant Count:** 104

Unlock the mysteries of PC building in our interactive workshop designed for beginners and enthusiasts alike! Whether you're diving into the world of gaming, content creation, or simply want to understand how your computer works, this event is for you. Join

us for a comprehensive session led by experienced PC builders who will guide you through every step of the process. From selecting the right components to assembling them with precision, you'll gain the skills and confidence to build your dream PC.

**Component Selection:** Learn how to choose the right CPU, GPU, motherboard, RAM, storage, and power supply.  
**Hands-On Assembly:** Get your hands dirty as you build your PC from the ground up. Our experts will be on hand to provide personalized guidance and tips throughout the process.  
**Cable Management Mastery:** Discover the art of cable management and how proper routing can improve airflow, aesthetics, and overall system performance.

**Troubleshooting Techniques:** Equip yourself with essential troubleshooting skills to diagnose and resolve common issues that may arise during the build process.

**Q&A Session:** Have burning questions about PC building? Our experts will be available to address your queries and provide additional insights.



**EVENT NAME:** Cryptex Coding Contest

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 10:50 AM

**Participant Count:** 114

The Cryptex Coding Contest unfolded seamlessly, drawing enthusiastic participants eager to showcase their coding skills. The event, spanning 2 hours, faced a minor challenge in lab allocation due to concurrent events. Around 143 users participated in the event which

include only participation. However, the organizing team adeptly managed the situation, ensuring a smooth and uninterrupted experience for all participants.

The atmosphere buzzed with excitement as participants delved into the intricacies of coding challenges. Comprehensive materials were provided, addressing any queries or doubts raised by participants. Notably, the event maintained a strict code of conduct, emphasizing the importance of efficient solutions over brute-force approaches.

Technical glitches were kept at bay throughout the contest, allowing participants to focus solely on the coding challenges at hand. The organizing team's proactive approach ensured that any issues were promptly addressed, contributing to the overall success of the event.

Participants were encouraged to push their coding limits, and the leader board provided a transparent evaluation of their performance. Winners and runner-up were selected based on their achievements, adding an extra layer of competition and motivation to the contest.

In conclusion, the cryptic Coding Contest was a resounding success, leaving participants inspired and eager for future coding challenges. Certificates of participation were awarded to all attendees, while the champions received accolades and a coveted cash prize, marking a rewarding conclusion to this thrilling coding adventure.

**Winner :** Vikram K from National Engineering College

**Runner:** Mani Rajesh S from National Engineering College

**3rd Runner:** Paganaras from St Elixier Engineering College



**EVENT NAME:** Prompt Engineering

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 9:30 AM

**Participant Count:** 217

**Event Description:** Prompt engineering was a dynamic and innovative event hosted as part of **Cybertz 2024**. The event aimed to bring together creative minds and challenge participants to push the boundaries of image generation through prompt-based tasks. Participants were tasked with interpreting given prompts and creating captivating images that showcased their creativity, technical skills, and ability to think outside the box.

**Event Timeline:**

- Arrangement: 15 minutes
- Round 1 - Image Replication: 20 minutes
- Restoring: 5 minutes
- Round 2 - Imaginative Creation: 15 minutes
- Selection of winner and runner: 20 minutes

**Round 1 - Image Replication:** In this round, participants were provided with a reference image depicting a landscape. They were tasked with replicating the provided image using image generation platforms or software of their choice. Participants had to closely match the composition, style, and elements of the reference image while adding their own creative flair. The round challenged participants' attention to detail, technical proficiency, and ability to recreate a given scene within a limited time frame.

**Round 2 - Imaginative Creation:** For the second round, participants were given the theme prompt "My Dream Pet." They were tasked with creating an original image that depicted their ideal pet creature, whether it be fantastical, mythical, or entirely imaginary. Participants were encouraged to unleash their creativity, embracing unique and endearing companions that reflected their personalities and desires. The round provided participants with the opportunity to explore imaginative concepts, storytelling elements, and visual representation techniques.

**Judging Process:** The images generated are evaluated based on predetermined criteria. Each submission was assessed for creativity, technical skill, adherence to the prompt, and overall impact.

**Prizes and Recognition:** Prizes were awarded to the top two participants in each round, including cash rewards, certificates of achievement. The cash reward for winner is Rs.1000

and that for runner is Rs.500. Winners were announced during the prize distribution ceremony, where participants received recognition for their outstanding creativity and talent.

**Participant Feedback:** Participant feedback was collected. Many participants expressed appreciation for the opportunity to showcase their skills, interact with fellow enthusiasts. The event fostered a sense of camaraderie and inspiration among participants, inspiring them to continue exploring the possibilities of prompt-based engineering. They also suggested increasing time for the first round and we recognized that.

**Conclusion:** Prompt Engineering proved to be a rewarding success, captivating participants and attendees alike with its unique blend of creativity, innovation, and technical skill. The event served as a platform for participants to unleash their imagination, challenge themselves, and connect with peers in the creative community. Prompt Engineering impact extended beyond the event itself, inspiring participants to continue honing their skills and pushing the boundaries of image generation. As a technical event of Prompt Engineering is poised to become a recurring highlight, driving innovation and fostering creativity in future editions.

**Winner:** Sri Prakash K. K from Sona College of Technology

**Runner:** Jignesh J from Sri Kalvya College of Technology



**EVENT NAME:** Clash of Code

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 11:30 AM

**Participant Count:** 214

The Clash of Code event promises an exhilarating journey for individual participants from various colleges, showcasing their passion for coding and problem-solving. It is a technical event which consists of three competitive rounds in total.

In the initial round, participants tackled coding challenges on HackerRank, demonstrating their programming skills within strict time limits. A total of 10 questions are given and the one who solves the highest number of questions gets qualified to the second round. Based on the HackerRank leaderboard the participants are shortlisted to the next round.

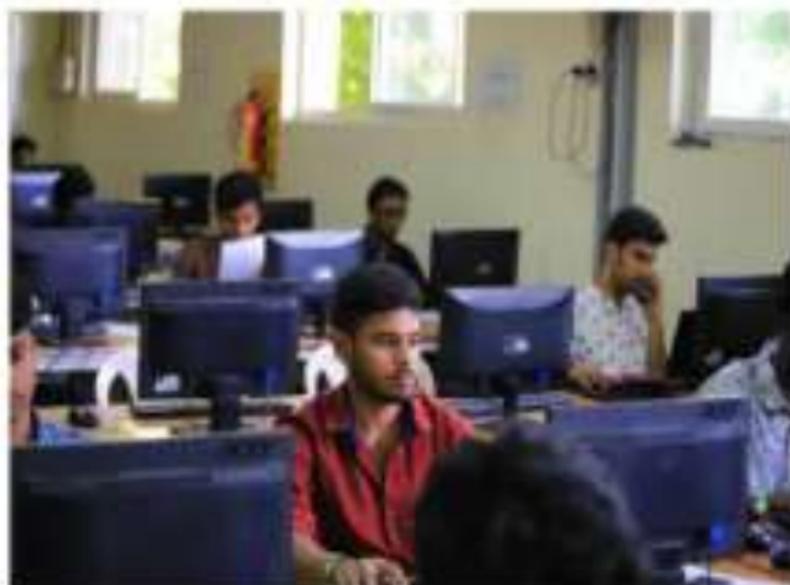
Following this, the second round challenged the participants with a technical quiz covering a spectrum of computer science topics, from algorithms and data structures, operating systems, DBMS etc., which was conducted in the QUIZZIZ platform. 7 participants were shortlisted and entered the final round.

Finally, the third round presents a unique combination challenge, blending elements of reverse coding, mixing code puzzles, and SQL queries culminating in a snakes and ladders format. Participants will traverse the snakes and ladders format, each box representing a distinct challenge to overcome. Participants who reaches the final box by solving the highest number of questions is declared as the winner.

The winner of the event received a cash prize of Rs. 700 and an achievement certificate to celebrate their outstanding performance. The runner-up also awarded with a cash prize of Rs. 300 and a similar achievement certificate for their remarkable performance. Participation certificates are also given to all other participants as a token of appreciation for their contribution and dedication to the event.

**[Winner: Parvot R from Sans College of Technology]**

**Runner: Navish Kumar S from Government Polytechnic College**



## NON-TECHNICAL EVENTS

**EVENT NAME:** Treasure Hunt

**DATE:** 1<sup>st</sup> March 2024

**TIME:** 10:00 AM

**Participant Count:** 110

Treasure hunt, a non-technical event, was conducted for the students. Participants were allowed to work individually or as a team of two. The event structure unfolded in three distinct phases: the initial quest for Ponce de León's map, the subsequent journey to the youth fountain, and the final search for Agua de Vida.

The first round involved finding the map and included elimination. It was held entirely within the main block of Coimbatore Institute of Technology. The remaining two rounds covered all areas of the college. In the second round, participants had to find all 10 clues located at various places in the college, using the map they found in the first round.

The first three teams to arrive at the venue after the second round and finding all the clues were promoted to the third round. The third round was a treasure hunt where participants needed to find a trophy, guided by riddles provided to them.

**Winner:** Harisesh A and Anjana M from Sri Ramakrishna Institute of Technology



**EVENT NAME:** Movie Quiz

**DATE:** 7<sup>th</sup> March 2024

**TIME:** 3:30 PM

**Participant Count:** 130

The movie quiz, a non-technical event, held in the auditorium as part of our symposium, "Hollywood", was a resounding success, with an overwhelming number of registrations and enthusiastic participation.

The auditorium buzzed with excitement as spectators gathered to test their knowledge of Tamil cinema. The atmosphere was vibrant, with teams showcasing their enthusiasm and competitive spirit. The event was expertly organized, with the auditorium providing the perfect backdrop for an engaging and interactive quiz.

Participants were challenged with a diverse range of questions covering various genres, eras, and iconic moments in history of Hollywood.

Various rounds were conducted to test the knowledge of all the participants who were dia, the first round consists of multiple choice questions conducted through Quizizz, second round was based on finding the movie names and songs by connecting images and the final round was based on minimalist posters, finding the songs and movie names by audio.

The event's success was a dedication of the organizing team, who secured seamless logistics and a memorable experience for all involved.

**Winner:** Kavi and Petchinavaragan from KJ Somaiya Institute of Engineering and Technology



**EVENT NAME:** Poster Design

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 4:00 PM

**Participant Count:** 104

Poster design is a creative process that visually communicates messages or ideas through images, typography, and graphics. It aims to capture attention, convey information, and evoke emotions within a concise layout. Effective designs balance aesthetics with functionality, utilizing principles of composition, color theory, and typography. They often employ bold graphics, vibrant colors, and concise text to grab attention and convey messages quickly and effectively. Successful posters are memorable, engaging, and strategically crafted to achieve specific communication goals.

Round 1 of the poster design competition invites participants to unleash their creativity and design skills. Participants will be tasked with creating captivating posters based on a given

issues or topic. Once completed, participants will submit their posters for evaluation by a panel of judges.

After careful consideration, the judges will select a winner and a runner-up based on criteria such as creativity, visual appeal, and effectiveness in conveying the message. The winning designer will be awarded a cash prize of ₹.500 along with a winner certificate, while the runner-up will receive a cash prize of ₹.250 along with a runner certificate.

Additionally, all participants will be recognized for their efforts and dedication with a participation certificate. This competition aims to celebrate talent, encourage creativity, and recognize outstanding poster design skills.

**Winner:** Dixit Tharun Raja from KPR Institute of Engineering and Technology

**Runner:** Sri Sakshi Mishra from Sri Ramakrishna College of Arts and Science



**EVENT NAME:** Art N Emotion

**DATE:** 03-02-2024 - 06-03-2024

**Participant Count:** 50

The Arts N Emotion event was an online event, dedicated to showcasing drawings and paintings from talented artists. The event registration forms are circulated from 03.03.2024 for participants to express their creativity through various themes and styles of artwork, then their artworks are posted in Instagram. The result was declared based on the likes and jury decision.

From March 3rd to March 6th, 2024, a captivating event unfolded as 11 talented artists converged to exhibit their creative prowess through drawings and paintings. With an open interpretation theme, the virtual gallery resonated with a vibrant tapestry of artistic expressions. Spanning a diverse array of themes, from the serene beauty of nature to the enigmatic realms of abstract and surrealistic visions, the artworks captured the essence of human imagination.

Each piece bore the distinct imprint of its creator, reflecting a rich tapestry of styles encompassing realism, impressionism, cubism, and beyond. Within the immersive digital space, viewers were transported through a kaleidoscope of emotions, encountering works that stirred empathy, joy, introspection, and nostalgia. Through masterful use of color, composition, and subject matter, the artists transcended boundaries, inviting spectators to explore the depths of their own perceptions and emotions. In this collective celebration of creativity, the event emerged as a testament to the enduring power of art to inspire, provoke, and unite across boundaries of time and space.

**EVENT NAME :** Spill Some Ink

**DATE:** 03.03.2024 - 06.03.2024

**Participant Count:** 14

A non-technical event called Spill some ink was organized for students from various colleges, allowing individual enrollment that is solo participant. In Spill some ink - the paper is filled with ink which comes in the form of stories or poems in both English or Tamil. The participants are allowed to write stories or poems in Tamil or English and asked to submit a jpg/png image in assigned google form. No entry fee or special fee for this event. It's a free entry event conducted in online mode.

The google form was open on the day of registration and was closed one day before. The winner of the event was rewarded with a cash prize of Rs. 500. Additionally, e-certificates were provided to all participants.

**EVENT NAME :** Tune Up

**DATE:** 05-03-2024 - 06-03-2024

**Participant Count:** 6

At Cryptus Symposium, Tune Up brought together participants showcasing their musical talents through a streamlined process. Using a Google Form, participants registered and uploaded their performance videos. Two winners emerged—one for vocals and another for instruments—highlighting the diverse talent pool. This digital approach exemplified the fusion of technology and artistry, fostering a vibrant community of creativity and innovation.

**EVENT NAME:** Marvel DC Quiz

**DATE:** 1<sup>st</sup> March 2024

**TIME:** 4:00 PM

**Participant Count:** 158

The Marvel/DC Quiz hosted as a non-technical event during our symposium, was a thrilling showcase of comic book and superhero knowledge, attracting participants from all over. The event featured two rounds, each delving into the rich lore of both Marvel and DC comics, series, and movies.

**Round 1: Quizizz Challenge** The first round commenced with a Quizizz challenge, where 11 teams, comprising solo, duo, and trio participants, tested their knowledge across a spectrum of Marvel and DC trivia. Questions ranged from character origins to iconic storylines, keeping the participants on their toes.

After an intense battle of wits, four teams emerged victorious, qualifying for the next round.

**Round 2: Buzzin' Webby Showdown** In round 2, the atmosphere escalated as the qualified teams faced off in a live presentation. Questions were presented using a PowerPoint (PPT) slideshow, featuring a variety of formats including quotes from characters, movie images, logos, character identification, true/false statements, and more.

Each team, armed with their knowledge and quick reflexes, logged into the Buzzin' Webby, eagerly waiting to press the buzzer and answer the questions.

The room buzzed with excitement as teams competed head-to-head, showcasing their expertise and passion for the tabletop game.

**Event Success and Conclusion:** The Marvel DC Quiz event was a resounding success, fostering camaraderie among participants while testing their knowledge of the Marvel and DC universes. The winning team received a reward of Rs. 250 and a certificate, while all participants were honored with E-certificates, recognizing their enthusiasm for the event.

**Winner :** Prava Kumar V R., Karuppanay P., Kishanaravi K from the College of Engineering

**EVENT NAME:** Type Racer

**DATE:** 1<sup>st</sup> March 2024

**TIME:** 3:00 PM

**MODE:** Hybrid

**Participant Count:** 240

The format of the Type Racer event involves participants typing a predetermined text, such as a paragraph or a series of sentences, into a computer or typing interface.

The accuracy of typing is measured by comparing the typed text with the original passage, with errors penalized by either subtracting words per minute (WPM) or adding a time penalty for each mistake.

The Type Racer platform provides real-time feedback on typing speed, accuracy, and rankings, allowing participants to track their progress and compare their performance with others. For many participants, this event acts as an opportunity for continuous improvement. Even after a competition ends, typists may continue to practice and refine their skills with the goal of achieving better results in future events.

Type Racer event served as a fun and engaging way to improve typing skills while also fostering a sense of friendly competition among participants.

**Winner :** Aditya P S from Christiana Institute Of Technology



**EVENT NAME:** Snap Quest

**DATE:** 03/02/2024 - 29/02/2024

**Participant Count:** 37

Snapquest is an exciting photography event where participants are invited to showcase their talent and creativity by capturing the beauty of the world around them.

Conducted entirely online, this event offers free participation with no entry or special fees required. Participants had the opportunity to showcase their skills and compete for the winner's prize of Rs. 250.

The registration form was open for entries from 03/02/2024 to 29/02/2024. Participants have contributed numerous creative photographs to Snapquest. On the date of the Cryptex event, 03/03/2024, the image was posted on Instagram as part of the Snapquest photography event. The Final results were determined on 05/03/2024 based on a combination of Instagram likes and a jury decision.

**EVENT NAME:** Attack On Anime

**DATE:** 3<sup>rd</sup> March 2024

**TIME:** 3:00 PM

**Participant Count:** 169

The Attack On Anime, known as a non-technical event during our symposium, was a thrilling showcase of comic book and expertise knowledge, attracting participants from all over. The event featured two rounds, each delving into the rich lore of Anime.

**Round 1: Quizzer Challenge** The first round commenced with a Quizzer challenge, where 11 teams, comprising solo, duo, and trio participants, tested their knowledge across a spectrum of Anime trivia. Questions ranged from character origins to iconic storylines, keeping the participants on their toes.

After an intense battle of wits, four teams emerged victorious, qualifying for the next round.

**Round 2: Buzzin' Webapp Showdown** In round 2, the atmosphere escalated as the qualified teams faced off in a live presentation. Questions were presented using a PowerPoint (PPT) slideshow, featuring a variety of formats including quotes from characters, movie images, logos, character identification, true/false statements, and more.

Each team, armed with their knowledge and quick reflexes, logged into the Buzzin'Live webapp, eagerly waiting to press the buzzer and answer the questions.

The room buzzed with excitement as teams competed head-to-head, showcasing their expertise and passion for the otaku genre.

**Event Success and Conclusion:** The Attack on Anime event was a resounding success, fostering camaraderie among participants while testing their knowledge of the Anime universe. The winning team received a reward of Rs. 250 and a certificate, while all participants were honored with E-certificates, recognizing their enthusiasm for the event.

**Winner :** Mani P and Prashay R. from Anna University Regional Campus Coimbatore.

## FLAGSHIP

**EVENT NAME:** Paper Presentation

**DATE:** 01/05/2024

**Participant Count:** 114

The Paper Presentation Symposium unfolded as a dynamic two-day event on March 1 and 2, attracting over 100 teams from diverse colleges. This intellectual arena served as a platform for participants to showcase their innovative ideas, fostering a rich exchange of knowledge and insights. It provided an invaluable opportunity for aspiring scholars to present their research and engage in discussions that transcended the boundaries of conventional thinking.

On the first day of the event, the enthusiastic teams gathered to present their papers, spanning diverse topics ranging from technology and engineering to social sciences and humanities. The atmosphere buzzed with intellectual fervor as participants engaged in thought-provoking discussions and exchanged ideas. The event facilitated networking opportunities, allowing students and researchers to connect with like-minded individuals from different corners.

The organizing committee ensured a seamless flow of presentations, creating an environment that encouraged collaboration and knowledge-sharing. As the day unfolded, the jury members, comprising experts from various fields, diligently evaluated each presentation, considering the novelty, depth, and practical implications of the ideas presented.

**Duration of Event:** The event starts at 9am and ends at 4:30pm

**DATE:** 02/05/2024

The second day built upon the momentum of the first, with more riveting presentations and insightful discussions. Teams continued to showcase their research, shedding light on emerging trends and groundbreaking concepts.

Jury members, distinguished professionals in their respective fields, brought their expertise to the evaluation process, scrutinizing the presentations for academic rigor and real-world applicability. The quality of the ideas presented reflected the dedication and hard work invested by each participating team.

**Duration of Event:** The event starts at 9am and ends at 4:30pm

In this exhilarating moment of the Paper Presentation, it is not only the champion that deserves our applause, but the entire cohort of participants who have collectively enriched the academic landscape through their innovative research endeavours. As we stand at the intersection of diverse ideas and scholarly pursuits, it becomes evident that each presentation has played a crucial role in shaping the vibrant tapestry of knowledge and discovery.

**Winner :** Vaibhav Krishna and Deepak Kumar from KPR Institute of Engineering and Technology

**Runner:** Manjita Kumar M, Balakrishnan S from Government Polytechnic College



**EVENT NAME: BGMI****DATE: 00/03/2024 - 02/03/2024****Participant Count: 24**

Gear up for the ultimate adrenaline-fueled competition in the Battle Royale showdown, a high-stakes tournament exclusively for Battlegrounds Mobile India (BGMI) players! Get ready to prove your skills, showcase your skills, and emerge victorious in the thrilling battlegrounds.

Compete in intense solo matches or team up with friends for squad-based warfare, where teamwork and strategy are key to survival.

**Round 1:**

1) Battle royale mode

2) Top 4 teams TDM

**EVENT NAME: Free Fire Tournament****DATE: 00/03/2024 - 02/03/2024****Participant Count: 24**

The Free Fire Tournament, a flagship online event, set the virtual battleground ablaze with intense competition among 24 participating teams on the challenging Bermuda map. This thrilling tournament unfolded in three riveting rounds, beginning with Round 1 on March 1 at 6 pm. The Battle Royale format saw the top 2 teams from each group, totaling 8 teams, advancing to Round 2. Another Battle Royale ensued, leading to the qualification of 4 teams for the decisive Round 3.

On March 2 at 6 pm, Round 3 witnessed the top 4 teams engaging in knockout matches in Clash Squad, determining the coveted Winner and Runner-up positions. The Bermuda map

provided the challenging terrain for these high-stakes battles, testing the strategic prowess and teamwork of each participating squad.

The winners secured a prestigious Rs1000 prize, while the runner-up team earned Rs500, both accompanied by well-deserved e-certificates. This Free Fire Tournament celebrated exceptional gaming skills, competitive spirit, and strategic gameplay. Heartiest congratulations to the winners, and sincere appreciation to all participating teams for making the Semade Showdown a thrilling success!

**Winner :** KEC E-Sports

**Runner :** Last wing

**EVENT NAME:** Hackathon

**DATE:** 02/03/2024

**Participant Count:** 29

Hackathon is a national-level, brainstorming event that encourages young talents to generate solutions to real-world problems. Participants can work in teams of 4-5 members and use innovative ideation practices to brainstorm and work with specialized tools and come up with the most suitable and feasible one. The event aims to encourage students to find a solution and provide a kick start to implement them in the future.

Teams participating in the Hackathon were tasked with generating solutions to real-world problems within an open theme framework, with a preference for Smart City and Home Automation concepts. Submissions of topics was required by February 26th, with final solutions to be demonstrated through presentations and project implementation.

The decisions of the panel members were deemed final, and simulation was permitted through any software or hardware. Presentations were expected to cover various aspects, including the theme, introduction, problem statement, objectives, target users, proposed solution, sequence diagram, and conclusion.

To participate, students were instructed to upload their PPT and other necessary files before March 1st to the designated email address: [cyberhackathon@gmail.com](mailto:cyberhackathon@gmail.com).

The winners of the Hackathon were awarded prizes of Rs. 2000 for the winning team and Rs. 1000 for the runner-up. These prizes served as recognition for their outstanding contributions and innovative solutions presented during the event. The winning team demonstrated exceptional creativity and technical expertise in addressing real-world challenges, while the runner-up showcased commendable efforts and ideas that impressed the judging panel.

**Winner :** Arjun Prakash And Team from Sri Eshwar College of Engineering

**Runner:** Balu Chandrar and Team from Erode Sengunther Engineering College



**EVENT NAME:** Valorant Tournament

**DATE:** 01-05-2024 - 03-05-2024

**Participant Count:** 21

The Valorant tournament is an online esports event, which has been played by 20 teams on very challenging maps. The tournament started on March 1 by 6 PM which was the first knockout match. On March 2 again the event started by 6 PM, which was the second knockout match and quarter finals.

On March 3, the semi-finals were conducted as a league match and the people qualified from semi-finals played finals. Finals were held in three rounds with three different maps. Best of 3 was the game.

Winner got a cash prize of rupees 2000 and the runner got a cash prize of rupees 1000. Matches went very friendly and some of the teams met their friends in their opponent team, which made the tournament interesting and fun.

**Winner :** Team YoYo

**Runner :** Team CIT

**EVENT NAME:** Carrom

**DATE:** 01/05/2024 - 02/05/2024

**Participant Count:** 64

Join us for an exhilarating showdown of skill, precision, and strategy at the Carrom Clash Championship! Whether you're a seasoned player or just starting out, this event promises an exciting opportunity to showcase your talent and compete against fellow enthusiasts.

Don't miss this opportunity to become a champion in the thrilling world of carrom! Join us at the Carrom Clash Championship and let the games begin!

**Rules**

- 1) Direct knockout
- 2) Top 4 qualify for semi



**EVENT NAME:** Chess Tournament

**DATE:** 01-03-2024 - 02-03-2024

**TIME:** 4:00 PM

**Participant Count:** 33

The Chess Tournament, a highly anticipated online event, saw 30 participants competing fiercely across two rounds on the renowned chess platform, Lichess. The action commenced with Round 1 on March 1, featuring 3 slots, each accommodating 10 skilled players. Following intense gameplay, 10 finalists emerged victorious, securing their spots for the ultimate showdown on March 2.

March 2 marked the pinnacle of competition as the 10 finalists clashed in a series of challenging chess matches. With nerves of steel and strategic brilliance, they vied for the coveted titles of Champion and Runner-up. The stakes were high as the battle unfolded on the digital chessboard, showcasing the participants' dedication and mastery of the game.

In the end, the top performer clinched the prestigious First Prize of 500 rupees, while the Runner-up claimed the honorable Second Prize of 250 rupees. These deserving winners not

only showcased their exceptional chess prowess but also demonstrated the true essence of sportsmanship and competitive spirit.

Congratulations to all participants for their remarkable performances and commitment to the game. The Chess Tournament on Lichen was indeed a thrilling journey filled with excitement, strategy, and sheer determination.

## **EVENT NAME: IPL Auction**

**DATE: 02/03/2024**

**Participant Count: 16**

The IPL Auction, a flagship event hosted at L201, unfolded as a riveting showcase of unclogging strategy and team-building. The participating 16 teams, engaged in a dynamic bidding process, evaluating player details such as base price, country, and rating. Each team meticulously formed their squads, adhering to category-wise requirements and allowing a maximum of 2 foreign players in the playing 11.

Purse management was crucial, starting with a 50cr budget, and bid increments were guided by well-defined rules. The scoring system, relying on player ratings, added an extra layer of complexity, ultimately determining the winning team. The coveted title and a prize of ₹1000 were awarded to the team with the highest total rating, showcasing the culmination of strategic decisions and astute team-building.

Foreign players' committed spirited bidding wars, intensifying the competition, while the auctioneer's astute provided a second chance for unsold players, injecting an element of unpredictability. The entire auction adhered to principles of fair play, with strict rules ensuring an equitable environment.

As a flagship event, participants were not only vying for victory but also for the prestigious title associated with the IPL Auction. The winning team, not only earned ₹1000 as the winning prize but also received e-certificates, adding an additional layer of recognition to their accomplishment. Sincere thanks were extended to all participants, team members, and auctioneers for their contributions to a memorable and thrilling experience.

**Winner : Jyesh Kishna from Coimbatore Institute Of Technology**

## OFFLINE WORKSHOPS

**EVENT NAME :** WORKSHOP ON 'UNCOVER YOUR NEXT BIG IDEA : DIVE INTO STARTUP POSSIBILITIES'

**DATE:** 1<sup>st</sup> March 2024

**TIME:** 10 am - 12 noon

**RESOURCE PERSON:** Vijay Kumar Ramgopal

**DESIGNATION:** Founder of ElectricFusion, Founder of Urvam Fitness Zone, Placement Coordinator at OMS College of Technology, Coimbatore

**Participant Count:** 135

Mr. Vijaykumar emphasized the importance of having a clear vision and mission for any startup venture. In his discourse, Mr. Vijaykumar delved into the intricacies of memory, distinguishing between sensory, short-term, and long-term memory. Understanding the workings of memory is essential for entrepreneurs as it influences information processing, decision-making, and learning. By leveraging memory effectively, entrepreneurs can retain valuable insights, learn from past experiences, and adapt to changing circumstances.

In his discussion on creativity and mental agility, Mr. Vijaykumar introduced an engaging activity aimed at stimulating the imagination and enhancing cognitive flexibility among participants. The activity involved drawing as many objects as possible that come to mind in response to a specified word or concept.

Participants were encouraged to unleash their creativity and explore various interpretations of the given word or concept. By leveraging their sensory memory, short-term memory, and long-term memory, participants were challenged to visualize and illustrate a diverse array of objects associated with the given prompt.

Entrepreneurship requires mental agility and resilience. Mr. Vijaykumar advocates for training the mind to enhance creativity, problem-solving abilities, and emotional intelligence. He emphasized the importance of nurturing a growth mindset and embracing continuous learning. Through practical exercises, such as drawing objects that come to mind, entrepreneurs can stimulate creativity and expand their cognitive horizons.

Branding plays a pivotal role in shaping the identity and perception of a startup. Mr. Vijaykumar highlighted the significance of brand building and differentiation in a competitive market landscape. Successful entrepreneurs understood the nuances of branding and strive to create authentic, compelling narratives that resonate with their target audience.

They capitalize on emerging trends, identify unmet needs, and seize opportunities to carve a distinct market presence.

Mr. Vijayakumar shed light on the entrepreneurial mindset characterized by opportunism and adaptability. Successful entrepreneurs possess a keen eye for spotting trends, identifying gaps in the market, and capitalizing on emerging opportunities. They are agile, resilient, and proactive in navigating the dynamic business environment. By embracing uncertainty and leveraging their strengths, entrepreneurs can turn challenges into opportunities for growth and innovation was beautifully explained by him.

The guest speaker was honored with a memento at the end of the workshop by Dr. Saritha, A N, Professor, Department of CSR, GIT.

All the participants were given participation certificates.



**EVENT NAME : WORKSHOP ON "CHARGED UP - EXPLORING THE POTENTIAL OF ELECTRIC VEHICLES"**

**DATE:** 1<sup>st</sup> March 2024

**TIME:** 2 pm - 4 pm

**RESOURCE PERSON:** Mohanraj Ramasamy

**DESIGNATION:** CEO and FOUNDER of Srivaru Motors, Former Senior manager in Tels Motors

**Participant Count:** 100

Mr. Mohanraj Ramasamy, Founder and CEO of SRIVARU Motors (SVM), conducted a workshop on electric vehicles (EVs) to promote sustainable transportation solutions. The workshop aimed to raise awareness about the benefits of EVs and drive innovation in the automotive industry.

During the workshop, Mr. Ramasamy showcased his electric motorcycle, the Tron, emphasizing its performance and sustainability features. Attendees had the opportunity to witness firsthand the advancements in EV technology and learn about the environmental benefits of transitioning to electric mobility. The workshop served as a platform for fostering dialogue and collaboration among stakeholders in the EV ecosystem. His hands-on approach and dedication to sustainable energy solutions inspired attendees to explore the possibilities of electric mobility.

Finally, at the end of the workshop the students from various colleges clarified their doubts regarding Electric Vehicles. A memento was presented to the speaker by Dr S.Prjya, Assistant Professor, CRE, CIT. All the participants were provided with participation certificates.



**EVENT NAME : WORKSHOP ON 'UNLEASHING THE POWER OF MACHINE LEARNING: REAL-TIME APPLICATIONS IN ACTION'**

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 10 am - 12 noon

**RESOURCE PERSON:** Kirubán JK

**DESIGNATION:** Assistant professor, CSE department, KPR Institute of Engineering and technology

**Participant Count:** 168

The Machine Learning workshop commenced with an insightful introduction to Artificial Intelligence (AI) and Machine Learning (ML). Participants were provided with a foundational understanding of Machine Learning concepts.

The workshop seamlessly transitioned into real-time case analysis, illustrating the practical applications of ML across various industries. Examples included predictive maintenance in manufacturing, fraud detection in finance, and image recognition in healthcare. These scenarios provided attendees with insights into ML's impact on diverse sectors. Participants were introduced to essential tools for studying ML, with a focus on practicality. TensorFlow and Keras were explored, allowing attendees to gain hands-on experience and proficiency in these widely-used ML frameworks.

Key ML concepts, such as supervised learning and reinforcement learning, were elucidated. The workshop provided a clear understanding of supervised learning, where models are trained on labeled data, and reinforcement learning, emphasizing learning through interaction and feedback in dynamic environments. A comprehensive exploration of crucial ML algorithms was undertaken, including regression for predictive modelling, clustering for data grouping, and decision trees for classification. Practical implementations showcased how these algorithms address real-world challenges.

To reinforce understanding, an AI and ML quiz was conducted through an online quiz application. This interactive session tested participants' knowledge and provided a platform for self-assessment, reinforcing key concepts covered during the workshop. Valuable feedback was gathered from participants and they reflected their positive experiences over the table. The event was praised for its balanced approach, combining theoretical insights with hands-on applications. The guest speaker was honored with a memento at the end of the workshop by Dr.S.Sangeetha Marimuthal, Assistant Professor, Department of CSE, CIT.

All the participants were given participation certificates.

**EVENT NAME : WORKSHOP ON AUGMENTED REALITY APP DEVELOPMENT**

**DATE: 3<sup>rd</sup> March 2024**

**TIME: 2 pm - 4 pm**

**RESOURCE PERSON: Denth MJ**

**DESIGNATION: XR Game Developer, Dotworld Private Technologies**

**Participant Count: 161**

The Workshop on Augmented Reality (AR) App Development provided a comprehensive insight into the dynamic realm of virtual reality (VR) and AR technologies. Attendees were guided through fundamental concepts, gaining a clear understanding of the distinction between VR and AR and their real-world applications through compelling examples. The workshop delved into the intricacies of game development and introduced participants to prominent gaming engines, with a spotlight on Unity. Through interactive sessions and hands-on demonstrations, attendees not only grasped the theoretical concepts but also actively engaged in practical exercises, culminating in the development of an Augmented Reality application. The workshop facilitator adeptly navigated participants through the installation and utilization of Unity, empowering them to create an AR application that seamlessly integrated holographic elements into real-world scenarios. By elucidating the potential of AR technology and providing practical guidance, the workshop fostered a deeper understanding of this field and equipped participants with valuable skills.

In addition to the technical aspects, the workshop facilitator offered insightful projections on the future implications of AR technology, highlighting its transformative potential across various sectors. Attendees gained invaluable insights into the practical applications of AR technology through real-world examples, including furniture apps, sports/fitness apps, and shopping apps.

The guest speaker was facilitated with a memento at the end of the workshop by Dr.S.Sangeetha Marimuthu, Assistant Professor, Department of CSE, CIT,Al. All the participants were given participation certificates.



#### **ONLINE WEBINARS**

**EVENT NAME :** WEBINAR ON 'MASTER THE ART OF GENAI: BUILD, CREATE AND INNOVATE'

**DATE:** 2<sup>nd</sup> March 2024

**TIME:** 10 am - 12 noon

**RESOURCE PERSON:** Mohammad Sameer

**DESIGNATION:** AI/ML GenAI System Engineer, TCS

**Participant Count:** 19

It was an enlightening session which was conducted in Google Meet online platform that focused on artificial intelligence (AI) and its various subfields, including machine learning (ML), deep learning, and large language models (LLMs). Mr. Sameer provided a comprehensive overview of AI, explaining its ability to mimic human cognitive functions and its wide range of applications in daily life, such as recommendation algorithms, virtual assistants, and self-driving cars.

During the webinar, attendees learned about the fundamentals of machine learning, which involves developing algorithms that can learn from data and improve their performance over time without explicit programming. Mr. Sameer illustrated this concept with practical examples, demonstrating how ML algorithms can analyze large datasets to make predictions, recommendations, or decisions. Additionally, he delved into the complexities of deep learning, highlighting its multi-layered neural networks and its transformative impact on various industries.

One of the webinar's key highlights was the discussion on large language models (LLMs), which excel in understanding and generating human language. Mr. Sameer explained how LLMs leverage massive datasets of text to analyze language patterns and engage in meaningful conversations with users. Through examples and hands-on exercises using tools like Google Colab and Hugging Face, attendees gained practical insights into LLMs' capabilities, including prompting and language generation.

Overall, the webinar provided attendees with a comprehensive understanding of AI and its subfields, empowering them with valuable knowledge and practical skills to explore these technologies further in their respective domains.

All the participants were provided with a certificate.

**EVENT NAME : WEBINAR ON DISTRIBUTED DATA MASTERY:  
REVOLUTIONIZING CLOUD ARCHITECTURE**

**DATE:** 2<sup>nd</sup> March 2024

**TIMINGS:** 2 pm – 4 pm

**RESOURCE PERSON:** Vijay Lakshminarayana

**DESIGNATION:** Senior Director of Engineering, Freshworks

**Participant Count:** 97

The webinar was conducted in Google Meet online platform. The webinar provided a comprehensive overview of modern distributed systems and database technologies. Beginning with an exploration of various database types, including RDBMS like MySQL and NoSQL databases like MongoDB, attendees gained insights into the importance of organized data storage and retrieval. Mr. Vijay elucidated the process of implementing business logic using popular frameworks such as Java Spring Boot, Python Django, and NodeJS, ExpressJS and also highlighted the role of frontend technologies like AngularJS and ReactJS in serving users.

Moreover, the webinar delved into the operational aspects of distributed systems, covering topics such as DNS for server communication, load balancing for traffic distribution, and mitigation strategies for DDoS attacks. Attendees were introduced to advanced techniques like caching, replication and sharding to manage database loads effectively. The discussion underscored the benefits of caching, including distributed caching and load balancing, while also addressing the challenges such as data consistency and unknown value management.

Through practical examples and insightful explanations, participants gained a deeper understanding of the complexities involved in building and operating modern distributed systems. The webinar provided valuable insights into the foundational principles and operational considerations essential for developing robust and scalable distributed systems in today's digital landscape. All the participants were provided with a certificate.

**EVENT NAME : WEBINAR ON 'DEMISTIFYING AI AND DATA SCIENCE.**

**BUILDING A FUTURE CAREER IN A DATA DRIVEN WORLD'**

**DATE:** 3<sup>rd</sup> March 2024

**TIMING:** 10 am - 12 noon

**RESOURCE PERSON:** Arvind Chandrasekar

**DESIGNATION:** Head of Data Science, Treasures Inc

**Participant Count:** 102

The webinar was conducted in Google Meet online platform. The webinar proved to be an insightful exploration with thought-provoking keynote addresses, real-world applications, and technical deep dives. Participants gained a comprehensive understanding of Artificial Intelligence and Data Science fields. The discussion extended beyond technicalities, touching on ethical considerations and showcasing collaborative innovations.

In between the session, there were snippets of his experiences as a CITian which made participants connect the experiences shared with their college life. He termed it as CIT Interludes where he rejoiced in his (work) life, working in labs after college hours, hostel food, etc.

The session taken by Mr.Arvind was on-point and delved deep into the solutions of AI. Concepts related to Generative AI were also elucidated by the speaker. He then gave valuable insights to start and build a career as a Data Scientist. He listed down the prerequisites needed to become a data scientist.

Engaging Q&A sessions fostered interaction among students, creating a dynamic learning environment. The event concluded with attendees leaving with enriched perspectives and a renewed enthusiasm for the transformative potential that arises from the convergence of AI and Data Science.

## Prize Distribution

The Cryptex 2024 event was a remarkable occasion that brought together students from in and around Coimbatore. The event witnessed enthusiastic participation and showcased the dedication and talent of individuals. Following the successful conclusion of the event, the Head of the Department Dr.A.Kushthara, our senior staff Dr.M.Mohana Priya, our staff advisors Dr.S.Sangeetha Marimuthal and Dr.S.Priya collaborated to ensure a smooth and organized prize distribution process. The coordination between the department head and coordinators contributed to the efficiency of the distribution. We extend our appreciation to the head of the department and staff coordinators for their active involvement in the prize distribution process. Their commitment to recognizing and rewarding excellence significantly enhanced the overall success of the event. The event's prize distribution ceremony was a moment of celebration, highlighting the achievements and talents.

### DAY 1:





DAY 2:





## Conclusion

The Crypteda 2024 was conducted successfully and it was a great success. Over 2500 participants attended Crypteda over the two days from colleges all over Tamil Nadu. The feedback was collected from the participants during the events regarding the individual events and the overall event. The feedback was mostly positive. The positive feedback was about the overall organization of the events, hospitality of the front desk and the volunteers. The negative feedback was about the timing of the events. Some participants were not able to attend two events of their choice due to the two events occurring at the same time. Feedbacks have been noted and will be reflected during the next year. We would like to thank the Principal Dr.A.Rajeshwari for continued support and guidance for the events. We also would like to thank our Head of the Department Dr.A.Kanthavel, our senior tutor Dr.M.Mohana Priya, our staff advisors Dr.S.Sangeetha Mariammal and Dr.S.Priya without their guidance the event would not be possible. We would like to extend our gratitude to all the staff of the Department of Computer Science and Engineering for their support and guidance during and prior to the event. We would also like to thank the Management and Security team and for helping to organize the events.







COMBATORIO INSTITUTE OF TECHNOLOGY



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## SPEAKER PROFILE

**Ms.S. NAGALAKSHMI, M.Phil (English Literature)-BEC Vantage certified .**

Nagalakshmi is a professional trainer, M.Phil in English Literature, having experience on the various facets of modules ranging from training for placements, GRE, GMAT, IELTS, TOEFL, PTE and business communication. She has personally trained over 7000 students, equipping them with key skills in area of leadership, linguistic and reasoning ability. Has 11 years of training experience with leading educational institutions in that, 6 years experience in handling company specific training like TCS, INFOSYS, ACCENTURE, HCL, DELLOITTE, IBM, L&Feng.T etc., whereas most of the placed students communicate and update the current scenarios where they work, being charismatic and dynamic coupled with her expertise in literary skills facilitate her as a fully dedicated and passionate trainer. She earned several professional accolades and participated in conferences conducted by British Council and other social groups. She assists students from training till admission and visa for all the countries.



## CASH PRIZE

1st Prize: 5000

2nd Prize: 3000

3rd Prize: 1000

## Evaluation Rubrics

### Why

Profound Understanding, Learning Level  
and Profoundness in solution

### Accuracy

Innovation and Creativity in the Proposed

### Solution

### Feasibility

Chemical Reaction, Stoichiometry, Yielding

### Practical Implementation

### DEPARTMENT OF CHEMISTRY

### Dr. P. SURESH

Professor & HOD

Dr. A. SURESH KISHOR

Asst. Prof. & PG Coordinator

Dr. S. SURESH

Asst. Prof. & PG Coordinator

### DEPARTMENT OF BIOMATERIALS

### Dr. A. ADITHYAN

Assistant Professor

Dr. S. SURESH

Assistant Professor

### DEPARTMENT OF CHEMISTRY

### Dr. P. SURESH

Professor & HOD

Dr. A. SURESH KISHOR

Asst. Prof. & PG Coordinator

## Scan QR to Register



https://bit.ly/3gUy3k9

## REGISTRATION FEE AND PAYMENT DETAILS

ACCOUNTING: TRUMPING AND  
COMPLIANCE

Bank: IndusInd Bank

Account No: 6001000000000000

Branch: Perambalur

IFSC Code: INDI0000000

Last Date for Registration:

April 23, 2024

## CONTACT

Dr. P. Suresh

Assistant Professor, Dept. of Chemistry

14, 5th, 1996-410750

Dr. S. Suresh

Assistant Professor, Dept. of Biomaterials

14, 5th, 1996-410750



Collaborators: Institute of  
Technology

Center Director and Co-ordinator

In association with

Department of Biomaterials & Chemistry  
Department

# Ideathon

The World of College Events



Be a Trailblazer, Not a Follower

Sponsored by

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Education &

Distributors: Cambridge  
University Press

DATE: April 23, 2024

VIPUL KUMAR, A/C: 13, PONDICHERRY

1996-410750

## About the Institution

Chatterjee Institute of Technology, founded in 1984, was a pioneer institute to enter the domain of a global world. Our objective is to provide high-quality education and training, world-class exposure. The programme also is to provide high-quality education to study Indian languages. The institute has given autonomy in 2010 with accreditation of its activities. The process of setting up and a progressive academic programme, as well as, and full research programme. The institute continued to follow India in 2014, with Dr. A. K. L. Mohd Hasan as the President of India in the past afternoon.

## Department of Sanskrit

Chatterjee Institute of Technology, founded in 1984, was a pioneer institute to enter the domain of a global world. Our objective is to provide high-quality education and training, world-class exposure. The Department has a team of the best teachers. The aim is to provide the language skills to the students who intend to a better development of communication skills. The Department has provided with ICT, computer and the University Development Centre in its faculty. The academic work of the faculty members is based on the syllabus and covered in the period of professional sessions. The Department is affiliated with various boards in India, such as, UGC, UAN, BBA and BBA, among and continues to bring them in their light, under focus.

## Department of Chemistry

The Department of Chemistry was established at Chatterjee Institute of Technology, established in 1984. The Department has the staff with highly qualified members and a strong team of research, teaching faculty with graduate and postgraduate. The Department is affiliated with various boards in India, such as, UGC, UAN, BBA and BBA, among and continues to bring them in their light, under focus.

## About the Ideathon

The Ideathon is an intensive team learning and innovation event where participants come together to generate, develop, and pitch innovative ideas to address specific challenges or opportunities on a range of platform for innovation, strategy, business, and problem-solving with supporting participants to their needs for low and explore new possibilities. The Ideathon is an exciting event designed to inspire, motivate, learn, collaborate, and drive positive change among students. The event is free of charge to participants, keynote, and pitch presentations. The Ideathon is an exciting event designed to inspire, motivate, learn, collaborate, and drive positive change among students. The event is free of charge to participants, keynote, and pitch presentations. The Ideathon is an exciting event designed to inspire, motivate, learn, collaborate, and drive positive change among students. The event is free of charge to participants, keynote, and pitch presentations.

## Objective

The objective is to encourage, motivate and learn on generating ideas and concepts to solve some specific problems and discover innovative solutions.

## About the CTEC

It plays a vital role in helping students to explore career options, make informed decisions, and navigate their career path effectively. It also aims to empower students to pursue fulfilling and successful careers aligned with their interests, values, and abilities. It helps students to understand their strengths, weaknesses, interests, and personality traits. CTEC offers workshops, seminars, training sessions to help students develop skills that are in demand in the job market.

## Organizing Committee

### CHIEF GUEST

Dr. A. K. L. Mohd Hasan

Chatterjee Institute of Technology

Chatterjee Institute of Technology

Chatterjee Institute of Technology

### PATRONS

Dr. A. K. L. Mohd Hasan, Chairman

Chatterjee Institute of Technology

Chatterjee Institute of Technology

Dr. A. K. Pradhan, Secretary

Chatterjee Institute of Technology

Chatterjee Institute of Technology

Dr. V. S. Chakrabarti, Advisor

Chatterjee Institute of Technology

Chatterjee Institute of Technology

### PRINCIPAL

Dr. A. K. Pradhan, Principal  
Chatterjee Institute of Technology

Chatterjee Institute of Technology

### COMMISSIONERS

Dr. A. K. Pradhan, Professor in Head

Department of Chemistry  
Chatterjee Institute of Technology

Dr. A. K. Pradhan

Head of Institute of Technology

Department of Chemistry

Chatterjee Institute of Technology



cordially invites



**MARCH  
08 & 09**

**ENTRY FEE : 2200** (includes  
Event participation, air, food, refreshments)

**SCAN TO REGISTER**



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- KIRANDEVA
- COBINO COBNOET

### Non-Tech Events

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- MATHS TOWER
- TREASURE HUNT
- ARTS DAY
- KOLLEKTOR OLUC
- POSTER DESIGNER
- ONLINE GAME - VALORANT, FREE FIRE, PUBG & CHES
- GAMES CHALLENGE
- CUPPING GAMES
- WORKING DAY EVENT

- WORKSHOP
- SEMINAR
- HARSH PRESENTATION

### Technical Events

- CODE RUNT
- DEATHM
- PROMPT LAUNCHING
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## MATRIX '24 – SPORTS FEST REPORT BY GOKUL P

### OVERVIEW:

The Department of Artificial Intelligence and Data Science (AIDS) proudly hosted its inaugural inter-college sports fest, "Matrix," from February 21st to March 06th, 2024. The event was designed to foster sportsmanship, camaraderie, and a healthy competitive spirit among students.

Matrix saw enthusiastic participation, with 155 teams competing across five popular sports namely: Cricket, Football, Volleyball, Kabaddi, and Badminton (Men's and Women's).



The opening ceremony on February 21st ignited the fest with excitement and team spirit. Yet, it's the friendly competition across all games that showcased exceptional talent and athleticism. Enthusiastic cheers and support from fellow students created a vibrant and electrifying atmosphere throughout the event. The closing ceremony on March 21st celebrated both winners and participants, acknowledging their dedication and sportsmanship.



### GAMES OVERVIEW:

**Cricket:** Cricket was a thrilling highlight with 22 teams competing passionately. The final match saw Team Cricketers from the Department of Computing securing a victory over the Department of Computer Science and Engineering.



Throughout the tournament, players displayed remarkable batting, bowling, and fielding skills. The excitement peaked during the finals, with strategic plays and high-energy performances captivating the audience. Cricket fans enjoyed nail-biting finishes & sportsmanship.



**Football:** Football drew 55 teams into a series of intense matches that tested endurance and teamwork. The final match was a nail-biter between Oldmoor from the Department of Civil Engineering and Team Equal from the Department of Electronics and Communication Engineering, ending in a 1-1 draw. Oldmoor's from Department of Civil Engineering emerged victorious by winning the penalty shootout.



**Basketball:** Basketball, the most participated sport with 22 teams, showcased incredible agility and precision. In the Men's Singles category, the Department of Computing claimed victory, while the Department of Artificial Intelligence and Data Science were the semi-finalists.



The Women's single and double category saw the Department of Electrical and Electronic Engineering securing a victory over the Department of Artificial Intelligence and Data Science.



In the Men's double category, the Department of Computing emerged as winners, with the Department of Artificial

Intelligence and Data Science being the runner-up.



The Mixed double category saw the Department of Electrical and Electronic Engineering as winners, and the Department of Computing as runner-up.



**Volleyball:**

Volleyball featured 14 teams competing fiercely with powerful serves and spikes. The Department of Electrical and Electronic Engineering emerged as champions, showcasing superior coordination and strategy. The Department of Artificial Intelligence and Data Science fought valiantly and reached the semifinals.



The matches were intense, with each point fiercely contested and spectacular rallies captivating the crowd. Volleyball highlighted the importance of teamwork and communication.



Kabaddi Mahadi saw 15 teams demonstrating strength, strategy, and agility in gripping matches. The Department of Electrical and Electronics Engineering clinched the winner's title, with the Department of Artificial Intelligence and Data Science reaching the semifinals. Matches were marked by quick raids and robust defenses, drawing large and enthusiastic crowds.



#### AWARDS AND RECOGNITION:

The Department of Electrical and Electronics Engineering emerged as the overall winner, with the Department of Artificial Intelligence and Data Science as the runner-up, based on points obtained in all the games.



All sports winners and runner-up were awarded trophies worth a total of Rs. 7,500 and medals worth Rs. 3,000, celebrating their hard work and dedication.

#### CONCLUSION:



The Merit Sports Fest was a landmark event for the AIRDS department. It not only promoted physical activity and healthy competition but also strengthened the bonds within the student community. The department looks forward to building on this success and establishing Merit as an annual tradition.



# AI DAY Report

Date: 16/11/2023

## Chief Guest Arrival(9.00AM):

The event commenced with the esteemed arrival of our Chief Guest, Mr. Sivraj Sathyanarasayan, a renowned expert in the field of artificial intelligence. The audience eagerly welcomed Mr. Sivraj Sathyanarasayan, whose wealth of knowledge and experience promised an enlightening experience for AI enthusiasts.



### Lighting of the Lamp Ceremony(9:05 AM):

Following a warm welcome, Mr. Dr. Anuj Behl, Managing Director, took the stage to deliver an inspiring speech, setting the tone for AI Day. The traditional lighting of the lamp ceremony followed, symbolizing the illumination of knowledge and innovation in the realm of artificial intelligence.

Immediately after the lamp lighting, Principal Dr. Rajarveri, speech and Felicitation address by Dr. Belladuri, Advisor highlighting the significance of AI education and the college's commitment to fostering innovation, setting a foundation for the day's events.



### Industry Prototype Presentation at Library Conference Hall(10:15AM):

The Library Conference Hall hosted a riveting industry prototype presentation, where cutting-edge AI innovations and projects were showcased. Industry leaders and students alike had the opportunity to witness firsthand the advancements shaping the future of artificial intelligence. The interactive session facilitated meaningful discussions and networking opportunities among attendees, with a diverse audience of school and college students, totaling 600+ participants.



## Tech Talks and Panel Discussion at Auditorium(2.00PM):

In the Auditorium, the atmosphere buzzed with anticipation as five distinguished speakers took the stage for enlightening tech talks:

1. Mr. Bhatnagar: Dived into the intricacies of machine learning algorithms, unraveling the complexities and practical applications that drive innovation in artificial intelligence.

2. Mr. Kulkarni: Explored the ethical considerations in AI development, emphasizing the need for responsible and transparent practices to ensure the ethical evolution of AI technologies.

3. Mr. Sharma: Unveiled the latest advancements in natural language processing, shedding light on how these breakthroughs are transforming communication between humans and machines.

4. Ms. Singh: Shared insights into the future of computer vision, showcasing its transformative impact on various industries and how it is reshaping our interaction with the visual world.

Following the tech talks, the stage transformed into a forum for a dynamic panel discussion. The Chief Guest, Mr. Ramesh Kumar, joined by other esteemed guests, engaged

in a thought-provoking conversation. The panel discussion covered a spectrum of topics, including the current landscape of AI, future trends, and the societal impact of artificial intelligence. The audience participated actively, posing insightful questions to the panelists.



This amalgamation of tech talks and the panel discussion provided a comprehensive overview of the diverse facets of artificial intelligence, fostering a deeper understanding among the 600+ students in attendance. The exchange of ideas and perspectives during the panel discussion enriched the learning experience and further fueled the enthusiasm for AI exploration.

#### Validation Ceremony at Auditorium(4.15PM):

The Auditorium then hosted the validation ceremony, where participants and attendees, including 600+ students from schools and colleges, were acknowledged for their contributions. Certificates of appreciation were distributed, and the achievements of individuals and teams in various AI-related activities were celebrated.



### Evening Cultural Event at Auditorium(S.OCPM):

As the day unfolded, the Auditorium transformed into a vibrant venue for the evening cultural activities. Performances, showcases, and interactive sessions added a touch of creativity and entertainment to the event, creating a memorable atmosphere for all participants.

AI Day concluded as a remarkable gathering that not only showcased the advancements in artificial intelligence but also fostered a sense of community and collaboration among students, faculty, and industry professionals.



Thank you to all speakers, coordinators, participants, organizers, and sponsors for making AI Day a resounding success!

## Code O'Clock: Coimbatore Institute of Technology hosts a thrilling 24-Hour Hackathon in partnership with StartupTN



Department of Artificial Intelligence and Data Science, Coimbatore Institute of Technology (CIT) organized the very first 24-hour hackathon event called Code O'Clock, in association with StartupTN. The hackathon, which took place on the 2nd and 3rd of June 2023, brought together aspiring developers, programmers, and tech enthusiasts from all over the region to showcase their skills, creativity, and problem-solving abilities.

Code O'Clock was a perfect platform for participants to put their coding prowess to the test, face exciting challenges, and collaborate with like-minded individuals in a high-energy environment. The hackathon aimed to foster innovation, encourage out-of-the-box thinking, and provide an opportunity for participants to transform their ideas into tangible projects.

The event kicked off with an opening ceremony that set the stage for the intense coding marathon that awaited the participants. The ceremony featured keynote speeches from esteemed industry experts, who shared insights on the latest trends in technology and the importance of innovation in today's fast-paced world. The participants were inspired and motivated to push their boundaries and embrace the spirit of innovation throughout the hackathon.

With the clock ticking, participants formed teams and dove into the hackathon challenges, which were carefully designed to test their technical skills and problem-solving abilities. The challenges encompassed various domains, including Healthcare, Transportation & Road Safety, Travel & Tourism, Disaster Management, Agriculture & Rural Development. The participants were free to choose the challenge that intrigued them the most and work towards developing a functional prototype or solution within the given time frame.

Throughout the 24-hour coding frenzy, participants showcased their ability to work under pressure, collaborate effectively, and think critically. Mentors and industry professionals were available to provide guidance, support, and technical expertise, helping participants overcome obstacles and

refine their ideas. The hackathon featured a spirit of camaraderie, with participants exchanging knowledge, sharing insights, and building valuable connections with their peers.



As the final hours approached, participants geared up to present their projects to a panel of judges, consisting of industry experts and representatives from StartupIN and various startups. The judging criteria focused on the novelty of ideas, technical implementation, impact potential, and overall presentation. The participants impressed the judges with their remarkable projects, demonstrating their dedication, innovation, and problem-solving skills.

The closing ceremony of Code O'Clock was a celebration of the participants' hard work and dedication. The top-performing teams were recognized and rewarded for their outstanding projects. Additionally, all participants received certificates of participation, acknowledging their commitment and enthusiasm throughout the hackathon.



Code O'Clock was more than just a hackathon; it was an opportunity for participants to immerse themselves in a community of passionate individuals, build valuable skills, and explore the possibilities of technology-driven innovation. The event provided a platform for participants to

network with industry professionals, gain exposure to real-world challenges, and open doors to potential career opportunities.

The success of Code O'Clock would not have been possible without the support and collaboration of StartupVN. Their shared vision of fostering innovation and supporting aspiring technologists made this hackathon a truly remarkable experience.

As the participants departed, they left with a sense of accomplishment, new friendships, and a renewed passion for coding. Code O'Clock at Co Creator Institute of Technology will forever be remembered as a transformative event that brought together bright minds, ignited creativity, and showcased the immense potential of technology in shaping a better future.



COIMBATORE INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF COMPUTING

(M.Sc. SS | DS | DCS | ANML)



WE CORDEALLY INVITE YOU TO JOIN US FOR,

# Meliniq'24

A NATIONAL LEVEL TECHNICAL SYMPOSIUM

*Get ready to showcase your skills, learn from industry experts, and connect with the next generation of tech leaders.*

Save the date, you won't regret it!

**"CELEBRATING 25 YEARS OF M.Sc."**

CHIEF GUEST

**Mr. Sathish Nandagopal**

Location Head HR  
ESC - CIS Coimbatore  
WIPRO TECHNOLOGIES

INAUGURATION

TIME : 09:00 AM

VALEDICTION

TIME : 03:30 PM

SPECIAL THANKS!

**Dr. A. Rajeswari**

PRINCIPAL  
Coimbatore Institute of Technology

**Dr. K. Sakthi Mala**

DEAN - Department of Computing  
Coimbatore Institute of Technology







COIMBATORE INSTITUTE OF TECHNOLOGY



DEPARTMENT OF COMPUTING  
(MSc SS, DS, DCS, AIML)  
PRESENTS

Melinia

2023

*We cordially invite you to join us for Melinia -  
the 3rd edition of Computing Department's  
national level technical symposium*

*Get ready to showcase your skills, learn from  
industry experts, and connect with the next  
generation of tech leaders.*

*Don't miss out - mark your calendars now!*

CHIEF GUEST

**Mr. Swaminathan Ganesan**

Co-Founder and CEO

SMARTAIL

**Inauguration**

**Time: 9.00 AM**

**Valediction**

**Time: 5.00 PM**

*Special Thanks*

**Dr. A.Rajeswari**

Principal  
Coimbatore Institute of Technology

**Dr. K.Sakthi Mala**

Dean - Department of Computing  
Coimbatore Institute of Technology



COIMBATORE INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTING

WE THE HOST TEAM  
CORDIALLY INVITING YOU

# Melinia

2022

DATE :  
MAY 6, 2022

INAUGURATION : 9 AM | VALEDICTION : 5 PM

VENUE :  
COIMBATORE INSTITUTE OF TECHNOLOGY

*"Create a solution for the upcoming problems"*

Kanya P  
Secretary

Kishore G  
Chairman

Dharani Prasad S  
Joint Secretary



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 Melinia

2022





# Melinia

2020

A NATIONAL LEVEL INTER COLLEGE TECHFEST  
FEBRUARY 2020



DEPARTMENT OF COMPUTING  
FACULTY OF ENGINEERING

# Melinia 2020

A NATIONAL LEVEL INTER COLLEGE TECH FEST  
FEBRUARY 20TH 2020

10:00 AM TO 12:00 PM





## Coimbatore Institute of Technology

(Approved by the Government of Maharashtra for the award of B.Tech. degree in Engineering)

### Circular

In connection with Short notice Notification No. 2023 - Circular dated 23.02.2023 each department association coordinator are informed to consider Internal Departmental Notification-2023 on various matters.

In this regard, the coordinators are informed to get the approval from Principal through their HOD by submitting the tentative budget for the same.

The Short notice of student name list are to send to [cs2023@nitcoi.ac.in](mailto:cs2023@nitcoi.ac.in) after getting the approval from their respective HOD on or before 27.02.2023.

*Principal*  
Principal

## Coimbatore Institute of Technology, Coimbatore

### SIH 2023

Smart India Hackathon (SIH 2023) supported by AICTE, MoE and Innovation Cell- IITC was conducted by IITC of Coimbatore Institute of Technology, Coimbatore. To evaluate the knowledge on Hackathon. As per the direction of SIH 2023 rules and regulations, students were given the privilege of selecting various problem statements and team from eg accordingly. As per the suggestions of SIH 2023 the students were advised to take up the problem statement, which were not attempted earlier. Students were enthusiastically participating in SIH 2023 with their spirit and zeal. Various teams were participated in modules/software and try to come out with better results. We invite the teams from both industry and students, with high caliber for evaluation process and various parameters such as innovation level, social relevance, implementation etc., were considered for final team selection. Many young faculty members in coimbatore also worked in a able manner.

#### INTERNAL Department Hackathon report must contain:

1. About the event
2. Photos of the event organized
3. Photos of all participating teams
4. Judging process
5. Any special photo and rules and details
6. Handwritten brochure
7. Judges process and details
8. Total teams and students participated and status
9. News articles if any
10. Poster/PPT/Infographic for the event organized and presented on your social media
11. Use of hashtags such as #SIH2023 #SmartIndiaHackathon2023 is must.
12. Tag of final page of brochure with handle of production on twitter

#### TEAMFORMATION

- 1) All team members should be from same college, no inter college teams are allowed. However, members from different institutes of the same college/ institute are encouraged to form a team.
- 2) Each team would consist of 3 members including the team leader.
- 3) Each team must have **ATLEAST ONE FEMALE TEAM MEMBER.**
- 4) As the software edition of the Hackathon is digital product development competition, majority of the team members MUST be well-versed with programming skills. For the hardware edition, we encourage multi-disciplinary teams – what means your team should have a good mix of Mechanical Engineers, Electrical Engineers, Product Designers and Programmers, etc.
- 5) The nominated teams should have participated in the recently-ended internal Hackathon. The Problem Statements and further details refer the official website: <https://sih2023.aicte.gov.in>

## Smart India Hackathon 2023 Internal Department Hackathon Report

### 1. About the event

Smart India Hackathon is a nationwide initiative to provide students with a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving.

SIH 2023 brings the next generation evolution by inclusion of new methodology to inculcate the culture of startup and innovation ecosystem. In young minds, especially engineering students from across India.

An Internal hackathon for selecting teams for Smart India Hackathon-2023 was conducted on 20th September, 2023 in the Department of Computing, Coimbatore Institute of Technology from 1:00PM, Coimbatore. Totally 60 teams participated from four different branches of regulated MSc degree programme. The team was as follows.

- MSc Software systems - 18 teams
- MSc Data Science - 10 teams
- MSc Decision and Computing Sciences - 14 teams
- MSc Artificial Intelligence and Machine Learning - 18 teams

There were a total of 12 panels with 2 jury members for each panel, one expert from industry and one internal faculty member who awarded marks. Top 2 teams were selected for each programme and totally 8 teams were shortlisted from all teams.

The department co-ordinators of all the four programmes concluded the event after distributing the mementos to the jury members.

### 2. Photos of event organized



#### 1. Pictures of all participating team Software Systems



Data Science



Decision and Computing Sciences



### Artificial Intelligence and Machine Learning



#### 4. Judging Process

Internal jury and external jury evaluated the teams for 200 marks based on criteria such as problem understanding, algorithm proposed, innovativeness of the proposed algorithm, feasibility of prototype development and presentation of the idea.

#### 8. Jury Panel Photos and relevant details:

##### Software Systems

Internal Jury	External Jury	Photos
<p>Ms V. Shanthi Associate Professor, Computer Science Software Systems</p>	<p>Mr. Rajkumar, SDE, Gurubee</p>	
<p>Dr. Umashankar R. Associate Professor, Computer Science and Information Systems</p>	<p>Mr. Rahul Gowda, Software Engineer at IIT Bombay</p>	

<p>Dr M Sivithya Associate Professor, Education IISc Bangalore</p>	<p>Mr Samuel Roseon, Healthcare Data Analyst, DXL Health</p>	
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#### Data Science

Internal Jury	External Jury	Photos
<p>Dr N Yamuna Devi Associate Professor, Computing - DCS</p>	<p>Mr A. Yashwanthar Machine Learning Engineer, CyteSur Business Solution.</p>	
<p>Dr. S.Chandra Babak Assistant Professor, Computing (AIML)</p>	<p>Mr. S.Mohan Raj, Director, Sales, Servo Digital Inc., Coimbatore.</p>	
<p>Dr N Varsha Assistant Professor, Computing (AIML)</p>	<p>Mr. Abhinav, Senior Architect, Big DA, Black Global Se Tech.</p>	

#### DCS

Internal Jury	External Jury	Photos
<p>Dr. S. B. Mahalingam, Assistant Professor, Computing - AIML</p>	<p>Harsharan M Program Manager, Black Global Se Technologies</p>	

Dr. M. Sujitha, Assistant Professor, Computing - DS	Vijayesh Data Analyst, MetLife	
Dr. R. Jayaram, Associate Professor, Computing - DS	Kathyapriya, Oracle	

#### Artificial Intelligence and Machine Learning

Internal Jury	External Jury	Photo
Dr. D. Sathya Devi	Erithika Rajaji S Data and Analytics Consultant, Thompson Associates	
Dr. D. Anandhi	Vijayar Kothala Software Engineer, Infosys	
Dr. V. Sushil	J. Govindan Machine Learning Engineer (Dy. I&D)	

#### E. Nominated top teams

##### Software Systems

Team Title :Using existing CCTV network for crowd management, crime prevention, and work monitoring using AI/ML.						
Team	Name	Gender (M/F)	Email ID	Mobile No.	Grade	Year
Leader	Shashank K	M	<a href="mailto:11742111049@nit.edu.in">11742111049@nit.edu.in</a>	7788112014		

<b>Member</b>	Shahin Rezaan G G	M	7176221004@jct.edu.in	9409421949	Team Leader	M.Sc. (SS) - 18 Year
	Tarun S.R	M	7176221005@jct.edu.in	8876681281		
	Lakshin R J	M	7176221002@jct.edu.in	4179277963		
	Roshniya P	M	7176221007@jct.edu.in	9163221893		
	Prathiba T	F	7176221001@jct.edu.in	8981421307		

Team Title: P3 ID : SS - 18SS

P3 TITLE - Online Blockchain based certificate generation

Leader	ADARSH D	M	7176221000@jct.edu.in	8960855833	BLOC RDWA IN P3 CYBE RSEC URCT Y	M.Sc. (SS) - 18 Year
<b>Member</b>	Anushrutha V S	F	7176221003@jct.edu.in	9059023332		
	ARUL S	M	7176221006@jct.edu.in	8342348163		
	KHARISHANKAR RAJH YR	M	7176221008@jct.edu.in	8148310537		
	SIDDARTH	M	7176221003@jct.edu.in	802563193		
	SARVESH D	F	7176221002@jct.edu.in	8374430533		

## Data Science

Team Title - Cloud Rural Prediction						
Team	Name	Gender (MF)	Email id	Mobile No.	Stream	Year
Leader	SHREYAS I	F	71762132035@ iitb.ac.in	9894014180	Software (Electrical Management)	M.Sc. (DS) - II Year
Members	ANURAG S S	M	71762132057@ iitb.ac.in	9343113888		
	KANAK H	F	71762132016@ iitb.ac.in	9383721932		
	PRITIKA J S	F	71762132021@ iitb.ac.in	8756028840		
	ANUSHYAMA J R	M	71762132096@ iitb.ac.in	9389847191		
	DRIZHAKH THAKKAR G	M	71762132047@ iitb.ac.in	9544208090		
Team Title - Student dropout analysis for school education.						
Leader	HARSHVIK	F	7176220214@ iitb.ac.in	9899181130	Software (Electrical Engineering)	M.Sc. (DS) - I Year
Members	THANISHKA R	F	71762202194@ iitb.ac.in	9442034888		
	RITHIKA S	F	7176220242@ iitb.ac.in	8867547140		

	ARAVIND S	M	7176220032@ cl.edu.in	8754781232		
	UMAR AKEEL V.M	M	7176220047@ cl.edu.in	9888141435		
	IRAVUND VINAYAKH	M	7176220032@ cl.edu.in	730000230		

### Decision and Computing Sciences

Team	Name	Gender (M/F)	E-mail id	Mobile No.	Stream	Year
<b>Team Title :</b> 100-degree feedback software for the Government of India related News Stories in Regional Media using 'Artificial Intelligence/ Machine Learning'						
Leader	Omprakash S	M	omprakash.s2111@cl.edu.in	949618414	Automation	2021
Members	Gowtham S	M	gowtham.s2904@cl.edu.in	9344929947	Automation	2021
	Almas J	F	202302adms@cl.edu.in	993764378	Automation	2021
	Harish Kumar S	M	harishkumar425@cl.edu.in	9652411979	Automation	2021
	Harish Kumar S	M	harish1332@cl.edu.in	9150788361	Automation	2021

	Abha Sri Prajya V	F	abhaevan119@gmail.com	7010465372	Agriculture	2021
<b>Team Title:</b> App based solution to identify and solve disease in plants/crops						
Leader	Vansukh Priyanka B	F	vansukh677@gmail.com	7506602808	Agriculture, Food Tech & Rural Development	2021
Members	Parvathini C	F	parvathini60@gmail.com	7418445928	Agriculture, Food Tech & Rural Development	2021
	Gayathri S.K	F	kgayathri2584@gmail.com	4375479945	Agriculture, Food Tech & Rural Development	2021
	Harshika KM	F	harshika10@gmail.com	4483567128	Agriculture, Food Tech & Rural Development	2021
	Ritharaj G.V	F	ritharaj21072804@gmail.com	9025406225	Agriculture, Food Tech & Rural Development	2021

Vikas V.11	M	vikasdevanjan@gmail.com	6195286710	Agriculture, Food Tech & Rural Development	2021
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### MEM. AISML PRACTICE TESTS

**Team Task :** Cluster to respond to test queries pertaining to various Acts, Rules, and Regulations applicable to Mining industry

Team#1	Name	Gen# (M/F)	Email id	Mobile no.	Stream	Year
Leader	Hishaya H. D.	F	202404hishay@gmail.com	99124 11524	AISML	IV
Members	Kachareswar K. S.	M	202403kache@gmail.com	97916 42132	AISML	IV
	Naraja Prashanta J.	M	202405naraj@gmail.com	99499 63796	AISML	IV
	Shikharathu shikharathu S.	M	202404shikhar@gmail.com	99911 54937	AISML	IV
	(Blank)	M	2024072000@gmail.com	6179 502 706	AISML	IV
	Dhyaneshwar K.	M	202401dhyanesh@gmail.com	98961 12038	AISML	IV

Mentor 1 (Optional)	Dr. F. Chandra Himma					
Mentor 2 (Optional)	Dr. N. Varaha					

**Team Title: AI Assisted Telemedicine KIOSK for Rural Development**

Team	Name	Gender MF	Email ID	Mobile no.	Stream	Year
Leader	Ashish Pundarik V	Male	71762134002@icr.edu.in	6369623771	AIML	III
Member s	Santosh V	Male	71762134043@icr.edu.in	8124430118	AIML	III
	Madhurika B	Male	71762134028@icr.edu.in	9360240971	AIML	III
	Vasudha M	Male	71762134028@icr.edu.in	9342997982	AIML	III
	Sagarash R	Male	71762134048@icr.edu.in	7538889988	AIML	III
	Kanika P	Female	71762134023@icr.edu.in	7502520182	AIML	III
Mentor 1	Dr. S. A. Mah alakshmi					

Member 2	Dr. G. S. Sathya Meheswary					
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## 7. Judge photos and details



Dr. G. S. Sathya Meheswary, Professor, Government Engineering College, Salem, Tamil Nadu, India. [sathya@gecse.com](mailto:sathya@gecse.com), 9876543210



Dr. G. S. Sathya Meheswary, Professor, Government Engineering College, Salem, Tamil Nadu, India. [sathya@gecse.com](mailto:sathya@gecse.com), 9876543210



Dr. G. S. Sathya Meheswary, Professor, Government Engineering College, Salem, Tamil Nadu, India. [sathya@gecse.com](mailto:sathya@gecse.com), 9876543210



Dr. G. S. Sathya Meheswary, Professor, Government Engineering College, Salem, Tamil Nadu, India. [sathya@gecse.com](mailto:sathya@gecse.com), 9876543210



Dr. G. S. Sathya Meheswary, Professor, Government Engineering College, Salem, Tamil Nadu, India. [sathya@gecse.com](mailto:sathya@gecse.com), 9876543210

07107298



Githya Priva, Oracle, [Githya.Priva@oracle.com](mailto:Githya.Priva@oracle.com), 0075230593



Anshel Dopalwadia - Senior Architect, Big DA, Bosch Global Sv Tech  
[anshel.dopalwadia@bosch.com](mailto:anshel.dopalwadia@bosch.com), 9141907966



M. Harikant M, Program Manager, Bosch Global Sv Technologies,  
[m.harikant@bosch.com](mailto:m.harikant@bosch.com), 9380018300



E. Divyesh - Machine Learning Engineer (OptiS),  
[divyesh.e@optibusiness.com](mailto:divyesh.e@optibusiness.com), 91870 26445



M.S. Manoj - Director, Sales, Sematag Inc.  
Consulting, [m.s.manoj@sematag.com](mailto:m.s.manoj@sematag.com), 9944091354

A. Vasanthar Murthy Machine Learning Engineer, OptiS,  
[vasanthar.murthy@optibusiness.com](mailto:vasanthar.murthy@optibusiness.com), 94882 27166



Raju Dawda, Software Engineer, CoE501 [raju.d@syntexbusiness.com](mailto:raju.d@syntexbusiness.com)

62486 41017



#### **2. Total teams and students participated and photos**

There were a total of 48 teams from MIS, SS, DA, DCS and AIMA. A snapshot of the teams are given below:

##### **Software Systems - 18**



##### **Data Science - 19**





#### Artificial Intelligence and Machine Learning - 18 Teams



#### 9. News article if any..

10. Twitter/FB/LinkedIn link for the event organized and promoted on your social media

11. Use of hashtag such as #iit2020 #emartindiahackathon2020 is a must.

12. Tag official page of innovation cell, ministry of education on twitter

Date: 13/September/2023

Sub: Smart India Hackathon 2023 - Non-academic Dept-Reg.

I am pleased to nominate the below team from 2021 batch to participate in SmartIndia Hackathon 2023.

Department: M.Sc AI & ML

**II YEAR**

Member 1: Dr. D Karthika

Member 2: Ms. K. Sasipriya

Team	Name	Gender M/F (At least one Female)	Email ID	Mobile no.	Stream	Year
Leader	Sreetha K	F	71762230045 @sit.edu.in	9442236763	AIML	II
Members	Kathika S	F	71762234036 @sit.edu.in	88396 71550	AIML	II
	Sapriya M	F	71762234052 @sit.edu.in	9629074762	AIML	II
	Saranyathra G	F	<a href="mailto:71762234031@sit.edu.in">71762234031 @sit.edu.in</a>	8929629668	AIML	II
	Vaish D	F	71762234094 @sit.edu.in	1992533726	AIML	II
	Prathibha J	F	<a href="mailto:71762234034@sit.edu.in">71762234034 @sit.edu.in</a>	8134023491	AIML	II

Team	Name	Gender M/F (At least one Female)	Email ID	Mobile no.	Stream	Year
Leader	Jyothsi M D	F	71762234022@sit.edu.in	817859812 2	AIML	II
Members	Hanisha H S	F	71762234019@sit.edu.in	948854767 0	AIML	II
	Vaishali J	F	71762234025@sit.edu.in	98082916 9	AIML	II
	Vijayalakshmi A	F	71762234067@sit.edu.in	990023002 7	AIML	II
	Gayathri R	F	71762234015@sit.edu.in	944296112 1	AIML	II
	Hansi V R	F	71762234030@sit.edu.in	637967291 2	AIML	II

Team	Name	Gender MF (At least one Female)	Email ID	Mobile no.	Stream	Year
Leader	MUTHUSINGIA MN	M	T1762214026@jg t.edu.in	964751451 6	ADME	II
Members	SIVA SAMARVEL KM	M	T1762214026@jg t.edu.in	887990683 1	ADME	II
	SANDEEVKUM AR S	M	T1762214041@jg t.edu.in	962947015 0	ADME	II
	VINODH KUMAR A	M	T1762214058@jg t.edu.in	618909172 2	ADME	II
	NAVIGNAM	M	T1762214029@jg t.edu.in	634900049 9	ADME	II
	KJRSWIAA V S	F	T1762214026@jg t.edu.in	944319456 3	ADME	II

Team	Name	Gender MF (At least one Female )	Email ID	Mobile no.	Stream	Year
Leader	KHALAGANISHI	M	<a href="mailto:T1762214009@jg&lt;br/&gt;t.edu.in">T1762214009@jg t.edu.in</a>	739790921 0	ADME	II
Members	VJHARANISHI	M	T1762214011@jg t.edu.in	916662256 4	ADME	II
	C SANDIV YANISH KUMAR	M	T1762214008@jg t.edu.in	61791612 3	ADME	II
	VASHISHI	M	T1762214006@jg t.edu.in	701941879 8	ADME	II
	SOBHAKAM	F	T1762214048@jg t.edu.in	824876360 7	ADME	II
	SIVITHA V	F	T1762214025@jg t.edu.in	948771660 8	ADME	II

Form	Name	Gender M/F (At least one Female)	Email ID	Mobile no.	Stren th	Year
Leader	SHANMUGA PRAKASH	M	<a href="mailto:1176223404@st.edu.in">1176223404 @st.edu.in</a>	638322037 7	ADME	II
Members	MAHAYER VIBHINAM	M	<a href="mailto:1176223402@st.edu.in">1176223402 @st.edu.in</a>	986056215 6	ADME	II
	NITHISHI, M	M	<a href="mailto:1176223401@st.edu.in">1176223401 @st.edu.in</a>	085712209 0	ADME	II
	ANJWINS	M	<a href="mailto:1176223400@st.edu.in">1176223400 @st.edu.in</a>	987300514 5	ADME	II
	MUTHURAM R.G, M	M	<a href="mailto:1176223403@st.edu.in">1176223403 @st.edu.in</a>	793445117 5	ADME	II
	MATHASRI S	F	<a href="mailto:1176223405@st.edu.in">1176223405 @st.edu.in</a>	843879160 6	ADME	II

Form	Name	Gender M/F (At least one Female)	Email ID	Mobile no.		
Leader	Sachin, A.M	M	<a href="mailto:11762234017@st.edu.in">11762234017 @st.edu.in</a>	733956400 9	ADME	II
Members	Okshaya, B.J	F	<a href="mailto:11762234014@st.edu.in">11762234014 @st.edu.in</a>	+91 63817 17175	ADME	II
	Arman Abasod 1	M	<a href="mailto:11762234004@st.edu.in">11762234004 @st.edu.in</a>	638317799 6	ADME	II
	Shalish, M.S	M	<a href="mailto:11762234003@st.edu.in">11762234003 @st.edu.in</a>	+91 63801 16371	ADME	II
	Sudhakar, R	F	<a href="mailto:11762234000@st.edu.in">11762234000 @st.edu.in</a>	+91 99636 96985	ADME	II
	Govindhan, N	M	<a href="mailto:11762234014@st.edu.in">11762234014 @st.edu.in</a>	+91 96296 24328	ADME	II

**III Year:**

Mentor 1: Dr.B.Mohalekhani

Mentor 2: Dr.R.Sudha Mathanary

**Team 1:****Title: Decision-Makers**

Team	Name	Gender M/F (At least one Female)	Email ID	Mobile no.	Stream	Year
Leader	1. Ajay Anand H	M	71762134005@jca.edu.in	6359715294	AIML	III
Members	2. Dakshina S.M	M	71762134010@jca.edu.in	8738725546	AIML	III
	3. Madhesh H	M	71762134025@jca.edu.in	4960299800	AIML	III
	4. Prityulhasini V	F	71762134038@jca.edu.in	6952451799	AIML	III
	5. Abhinav A	F	71762134001@jca.edu.in	8870416782	AIML	III
	6. Gunvi Priya M	F	71762134016@jca.edu.in	7548938975	AIML	III

**Team 2: Title: Robo minds**

Team	Name	Gender M/F (At least one Female)	Email ID	Mobile no.	Stream	Year
Leader	1. Nirvan R	M	71762134011@jca.edu.in	99488 23294	AIML	III
Members	2. Farhan I	M	71762134015@jca.edu.in	99627 88976	AIML	III
	3. Niranjanth G.A	M	71762134030@jca.edu.in	80263 84966	AIML	III
	4. Mahilan G.H	M	71762134029@jca.edu.in	73971 68278	AIML	III
	5. Prayansh K	F	71762134017@jca.edu.in	98787 54538	AIML	III
	6. Tarunika H	F	71762134054@jca.edu.in	82088 02552	AIML	III

**Team 3: Title: Carl X**

Team	Name	Gender M/F (At least one Female)	Email ID	Mobile no.	Stream	Year
Leader	1. Anuraya S	F	71762134036@gmail.com	9400913001	AIML	III
Members	2. Anuraja M	F	71762134037@gmail.com	8870867212	AIML	III
	3. Bharaneni V S	F	71762134038@gmail.com	9925076497	AIML	III
	4. Anuradha K	F	71762134039@gmail.com	930508249	AIML	III
	5. Suresha M	F	71762134051@gmail.com	9303125430	AIML	III
	6. Tharushi S	F	71762134055@gmail.com	9800913001	AIML	III

**Team 4: Title: Innovators**

Team	Name	Gender M/F (At least one Female)	Email ID	Mobile no.	Stream	Year
Leader	1. JANANI N	F	71762134020@cs. edu. in	9363283706	AIML	III
Members	2. HARISHARAN R I	M	71762134019@cs. edu. in	9383119929	AIML	III
	3. PRANAV D D	M	71762134036@cs. edu. in	6382209640	AIML	III
	4. SRINETHA J S	F	71762134047@cs. edu. in	7708359660	AIML	III
	5. SURYA S	M	71762134058@cs. edu. in	6340377501	AIML	III
	6. SURYA M K	M	71762234020@cs. edu. in	8754087111	AIML	III

**Team 5:****Title: CROSS GUILD**

Team	Name	Gender M/F (At least one Female)	Email ID	Mobile no.	Stream	Year
Leader	1. DHARANEESH RP	M	71762134914@aiiitachin.in	9971343727	AJML	03
Members	2. LOGESH SRI	M	71762134920@aiiitachin.in	8280212569	AJML	03
	3. ATHISHI PRANAV SV	M	71762134896@aiiitachin.in	967651871	AJML	03
	4. DIVYA PRIYAN VS	M	71762134911@aiiitachin.in	9966564717	AJML	03
	5. SHANMATHI M	F	71762134945@aiiitachin.in	954475018	AJML	03
	6. HARINIB	F	71762134917@aiiitachin.in	8399434234	AJML	03

**Team 6****Title: BEYOND HORIZON**

Team	Name	Gender M/F (At least one Female)	Email ID	Mobile no.	Stream	Year
Leader	1. Ansh V	M	71762134903@aiiitachin.in	8124390008	AJML	03
Members	2. Nareena S	F	71762134937@aiiitachin.in	7010433595	AJML	03
	3. NEHA KS	F	71762134933@aiiitachin.in	9843445347	AJML	03
	4. Karanish Suresh S	M	71762134921@aiiitachin.in	9855841515	AJML	03
	5. Poojitha A	F	71762134936@aiiitachin.in	994759821	AJML	03
	6. Mithunankar S	M	71762134939@aiiitachin.in	7374836337	AJML	03

**Team 7: Title: INNOVATE IT**

Team	Name	Gender M/F (At least one Female)	Email ID	Mobile no.	Stream	Year
Leader	1. sruthi kothika M	F	71762134932@iit.ac.in	7269096644	AIML	III
Members	2. rishu sanka S	F	71762134940@iit.ac.in	7239557650	AIML	III
	3. parvathirethara S	F	71762134935@iit.ac.in	81309836	AIML	III
	4. vanathi S	F	71762134936@iit.ac.in	84755372	AIML	III
	5. chok M	M	71762134942@iit.ac.in	9468018754	AIML	III
	6. vijaydevan M	M	71762134939@iit.ac.in	939613376	AIML	III

**IV Year - M.Sc (AI & ML)**
**Team 1 Title : Chatbot to respond to text queries pertaining to various Acts, Rules, and Regulations applicable to Mining industries**

Team	Name	Gender (M/F) (At least one Female)	Email id	Mobile no.	Stream	Year
1. Leader	1. Rishu Sanka S	F	283404sankaj@iit.ac.in	99024 19534	AIME	IV
Members	2. Kotharewar K. S	M	283402karamk@iit.ac.in	97916 42142	AIME	IV
	3. Suran Pradnya J	M	283405saranj@iit.ac.in	93459 65296	AIME	IV
	4. Sathish sathish S	M	283404sathish@iit.ac.in	99807 51917	AIME	IV
	5. Bharath M	M	283401bharath@iit.ac.in	6179 592 766	AIME	IV
	6. Dhyanashwara K	M	283403sathish@iit.ac.in	99521 12086	AIME	IV
	Mentor 1	Dr. J. Chandra Sheela				
Mentor 2	Dr. N. Vanitha					

**Team 1 title : Student Innovation**

Team	Name	Gender (M/F) (At least one Female)	Email id	Mobile no.	Stream	Year
2. Leader	1. Karthika Nandhan B	F	2014025@nitje.ac.in	99716 56794	A/NE	IV
Members	2. Abhinav R	F	2014031@nitje.ac.in	93803 63357	A/NE	IV
	3. Ananya B	F	2014036@nitje.ac.in	90789 26053	A/NE	IV
	4. Advaitbharadwaj S	F	2014039@nitje.ac.in	99427 44416	A/NE	IV
	4.					
	5. Karthika B	F	2014025@nitje.ac.in	6380 399 784	A/NE	IV
	6. Shreetha	F	2014045@nitje.ac.in	96779 97307	A/NE	IV
Mentor 1	Dr. J. Chandra Shekar					
Mentor 2	Dr. N. Varsha					

Association In-charge

Head (s)

**Continuum Institute of Technology**  
**Department of Decision and Computing Sciences**  
**Workshop Report**

**Workshop Title:** - Joint Flight Optimization with Artificial Intelligence

**Date:** - September 21, 2001

**Time:** - 08:30 AM to 04:00 PM (with limited Time (LIT))

**Venue:** - CNDS and CDSB

**Report From:** Mr. Vikas Ch. Dhillon, George A. Greig III

**Introduction:**

The Department of Decision and Computing Sciences at Continuum Institute of Technology organized a one-day workshop titled "Joint Flight Optimization with Artificial Intelligence". This workshop aimed to provide participants with valuable insights into the current field of Joint Flight Optimization (JFO), with a specific focus on the integration of Artificial Intelligence (AI) techniques. It also provided a platform for participants to enhance their understanding of JFO practices through AI implementations.

**Workshop Highlights:**

- The workshop commenced on September 21, 2001, at 08:30 AM LIT, and concluded at 04:00 PM LIT.
- The workshop was conducted in the well-equipped venue (CNDS) and CDSB.
- Mr. Vikas Ch. Dhillon, a distinguished Flight Engineer at the Air Force, served as the primary speaker for the workshop.
- Participants from various backgrounds, including students, professionals, and researchers, attended the event.
- The workshop featured a comprehensive curriculum covering the latest trends and techniques in JFO, AI-powered optimization, and practical hands-on exercises.

**Key Topics Covered:**

1. Introduction to JFO and its applications in the flight industry.
2. Exploring the role of AI in JFO and its benefits.
3. Practical demonstrations of AI-based JFO tools and techniques.
4. Hands-on exercises and case studies for a deeper understanding.
5. Interactive Q&A sessions allowing participants to clarify doubts and gain insights.
6. Summary and recommendations for participants to advance their JFO skills.



COMBATORE INSTITUTE OF TECHNOLOGY

(AN AUTONOMOUS INSTITUTION AFFILIATED  
TO ANNA UNIVERSITY)

DEPARTMENT OF COMPUTING

Invites you for  
M.Sc Association event  
Organized by

**DECISION AND COMPUTING SCIENCES**

On

***RECENT CYBER ISSUES  
AND ITS MITIGATION***

**CHIEF GUEST**

**MR. DINESH PARANTHAGAN**

CEO and Founder of  
Hackup Technology



EVENT COORDINATOR

Dr. R. Umarani



DATE  
21 SEPTEMBER 2023



VENUE  
CIT AUDITORIUM



TIME  
09:00 AM - 12:00 PM



COIMBATORE INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF COMPUTING

(M.Sc. SS | DS | DCS | AML)



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**Mr. Sathish Nandagopal**

Location Head HR  
ESC - CIS Coimbatore  
WIPRO TECHNOLOGIES

INAUGURATION

TIME : 09:00 AM

VALEDICTION

TIME : 03:30 PM

SPECIAL THANKS!

**Dr. A. Rajeswari**

PRINCIPAL  
Coimbatore Institute of Technology

**Dr. K. Sakthi Mala**

DEAN - Department of Computing  
Coimbatore Institute of Technology





2020-2021-2022-2023-2024-2025





COIMBATORE INSTITUTE OF TECHNOLOGY



DEPARTMENT OF COMPUTING  
(MSc SS, DS, DCS, AIML)  
PRESENTS

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2023

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**Mr. Swaminathan Ganesan**

Co-Founder and CEO

SMARTAIL

**Inauguration**

**Time: 9.00 AM**

**Valediction**

**Time: 5.00 PM**

*Special Thanks*

**Dr. A.Rajeswari**

Principal  
Coimbatore Institute of Technology

**Dr. K.Sakthi Mala**

Dean - Department of Computing  
Coimbatore Institute of Technology



COIMBATORE INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTING

WE THE HOST TEAM  
CORDIALLY INVITING YOU

# Melinia

2022

DATE :  
MAY 6, 2022

INAUGURATION : 9 AM | VALEDICTION : 5 PM

VENUE :  
COIMBATORE INSTITUTE OF TECHNOLOGY

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Kanya P  
Secretary

Kishore G  
Chairman

Dharani Prasad S  
Joint Secretary



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# Melinia

2022





# Melinia

2020

A NATIONAL LEVEL INTER COLLEGE TECHFEST  
FEBRUARY 2020



DEPARTMENT OF COMPUTING  
FACULTY OF ENGINEERING

# Melinia 2020

A NATIONAL LEVEL INTER COLLEGE TECH FEST  
FEBRUARY 20TH 2020

10:00 AM - 12:00 PM



From:

Dr. N. Yamana Devi, Associate Professor,  
Department of Computing (Decision and Computing Sciences),  
Dr. S. Divyaran, Assistant Professor,  
Department of Computing (Data Science),  
Coimbatore Institute of Technology,  
Coimbatore.

Through:

Dr. V. Sankar and Dr. A. Kannan,  
Professors and Head,  
Department of Computing (Data Science and DCS),  
Coimbatore Institute of Technology,  
Coimbatore.

To:

The Principal,  
Coimbatore Institute of Technology,  
Coimbatore.



Respected Madam:

Sub: Submitting the documents on completion of the 5 days ONLINE Faculty Development Programme on "Data Science for Decision Making" from 20<sup>th</sup> February - 1<sup>st</sup> March 2024 - org.

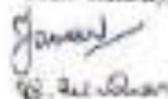
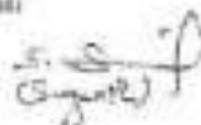
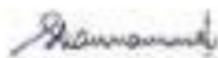
The Department of Data Science and Department of Decision and Computing Science have completed the 5 days ONLINE Faculty Development Programme on "Data Science for Decision Making" from 20<sup>th</sup> February - 1<sup>st</sup> March 2024. In this regard, the enclosed documents are submitted for your kind perusal and approval.

Thanking you.

Enclosures:

1. Permission Letter
2. Brochure
3. FDP Schedule
4. Participants List
5. Detailed Participant Payment Details
6. Budget
7. Resource Person Claims Details
8. DRI - 3 Nos.
9. FDP Report

Yours sincerely,

Self Copied Report  
Received,  
Administrative Officer

6/02/2024

From

Dr. N. Yamana Devi, Associate Professor,  
Department of Computing (Decision and Computing Sciences),  
Ms. S. Detharan, Assistant Professor,  
Department of Computing (Data Science),  
Coimbatore Institute of Technology,  
Coimbatore.

Through

Dr. S. Sagaraj and Dr. A. K. Srinivasan,  
Professor(s) and Head,  
Department of Computing (Data Science and DCS),  
Coimbatore Institute of Technology,  
Coimbatore.

To

The Principal,  
Coimbatore Institute of Technology,  
Coimbatore.

Respected Madam

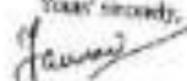
Sub: Requestion for approval to conduct 5 days ONLINE Faculty Development Programme on "Data Science for Decision Making" from 26<sup>th</sup> February - 1<sup>st</sup> March 2024 - reg.

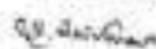
The Department of Data Science and Department of Decision and Computing Science have planned to conduct 5 days ONLINE Faculty Development Program on "Data Science for Decision Making" from 26<sup>th</sup> February - 1<sup>st</sup> March 2024. In this regard, we request you to kindly give permission to conduct the same. The tentative budget and list of resource persons are enclosed.

Thanking you,

forwarded  
Srinivasan

  
Dr. S. Sagaraj  
Professor & Head  
Department of Computing (Data Science)  
Coimbatore Institute of Technology  
Coimbatore - 686013

Yours sincerely,  
  
Dr. N. Yamana Devi

  
Ms. S. Detharan

## RESOURCE PERSONS

Expert team resource people with global culture, leadership, experience and skills, long-term strategic thinking, knowledge and passion contribute to the success of our university. Address a common vision of a leading 100 university.

## IMPORTANT INFORMATION

- The FDP is for faculty members, non-academic staff-staff, research scholars, post-graduate, post-graduate and students.
- The FDP will be conducted in Online mode.
- All staff, faculty & students follow the academic time.
- FDP attendance is compulsory and all activities are mandatory to be completed.
- Staff are advised not to participate in other FDPs scheduled by organisations in the same time period.
- The completion of the programme will be intimated to the principal.

## FOR QUERIES CONTACT

Dr. S. Vasanthan  
98940 0114  
98 43 84007  
98 7450 14019

EMAIL: [drsm@o2o3technology.com](mailto:drsm@o2o3technology.com)

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## LEARNING TOGETHER

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## TEAM OF COLLEGE FACULTY



## IMPORTANT DATES

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Five Days Online Faculty  
Development Programme (FDP)

## DATA SCIENCE FOR DECISION MAKING



15th February 2019 - 16th March 2019

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Branch Office  
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**COMBATOR INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTING - DATA SCIENCE & IT THEORY AND COMPUTING SCIENCES**  
**3-DAYS ONLINE FACULTY DEVELOPMENT PROGRAM ON DATA SCIENCE FOR DECISION MAKING**  
**16/02/2024 to 18/02/2024**  
**INTERNAL PARTICIPANTS LIST**

SNo	Name	Designation	Expertise	College Name
1	MR. D. SANKRITHI	Assistant Professor	Mathematics	Combatron Institute of Technology
2	D. SURESHKUMAR S S	Professor	Computer Networks	Combatron Institute of Technology
3	D. R. PRAGYAWATHY	Associate Professor	Artificial Intelligence and Data Science	Combatron Institute of Technology
4	MR. S. RAMANARAJAN	Associate Professor	Artificial Intelligence and Data Science	Combatron Institute of Technology
5	D. K. SWATHI	Assistant Professor	Artificial Intelligence and Machine Learning	Combatron Institute of Technology
6	MR. R. MANJUNATHAN	Assistant Professor	Microcontroller Engineering	Combatron Institute of Technology
7	DR. MANJUNATH	Associate Professor	Decision and Computing Sciences	Combatron Institute of Technology
8	DR. B. RAJESH KUMAR	Associate Professor	Data Science	Combatron Institute of Technology
9	DR. P. SUDHAKAR	Associate Professor	Artificial Intelligence and Machine Learning	Combatron Institute of Technology
10	SUCHA K	Associate Professor	Artificial Intelligence and Data Science	Combatron Institute of Technology
11	MR. ANSHU R	Associate Professor	Artificial Intelligence and Data Science	Combatron Institute of Technology
12	MR. K. V. R.	Associate Professor	Decision and Computing Sciences	Combatron Institute of Technology
13	DR. V. SWATHI	Associate Professor	Decision and Computing Sciences	Combatron Institute of Technology
14	DR. R. VASITHA	Associate Professor	Artificial Intelligence and Machine Learning	Combatron Institute of Technology
15	DR. S. DAYANA MARY	Associate Professor	Mathematics	Combatron Institute of Technology
16	MR. V. PRIYANKA	Associate Professor	Computer Science and Engineering	Combatron Institute of Technology
17	D. G. JAYASWATHY	Associate Professor	Software Development and Requirements	Combatron Institute of Technology
18	D. C. RAJATHA JESUVAIRI	Associate Professor	Data Science	Combatron Institute of Technology
19	MR. SHRIHARI S	Associate Professor	Decision and Computing Sciences	Combatron Institute of Technology
20	MR. ANJAN A R	Associate Professor	Decision and Computing Sciences	Combatron Institute of Technology
21	DR. S. GAJANESH KANI	Associate Professor	Data Science	Combatron Institute of Technology
22	DR. S. CHANDRA	Associate Professor	Decision and Computing Sciences	Combatron Institute of Technology

*S. Suresh*  
(S. DEVARANI)

*Jayashree*  
(S. S. VASANTHAKUMAR)

*Manoj K. S. S.*  
(S. Suresh)

**EXTERNAL PARTICIPANTS LIST**

Sl. No	NAME	REGISTRATION	DEPARTMENT	ORGANISATION
1	Dr. DINDA JAYAS	Assistant Professor	Computer Science And Engineering	Moharaja College Of Engineering And Technology
2	Dr. YASHWANTH RAO	Engineering Manager	Electrical And E	Wipro
2	Dr. W. JAYAKRISHNA	Assistant Professor	Division Of Maths	Florida Institute Of Technology And Sciences
4	DR.P. DRASWANI	Assistant Professor	Computer Science	Dr. Ramkrishna College Of Arts & Science For Women
5	Dr. A. CHITRADEVI	Assistant Professor	Computer Science	Dr. Ramkrishna College Of Arts And Science For Women
6	Dr. HEMANTH K. N.	Assistant Professor	IT & Research Department Of Computer Science	Dr. Jayaraman Govt. Arts College, Davangere
7	Dr. V. GANESHAN	Assistant Professor	Computer Applications	Government Arts College (Autonomous) Bangalore
8	Dr. ANVITA DAS	Assistant Professor	Computer Science And Engineering	Academy Of Women's Education
9	Dr. DINESH	PG Student	Software Development Institute	Dr. Saravali Engineering College
10	Dr. J. SIVANMURTHY	Assistant Professor	Digital Cyber Forensics	Dr. Saravali Engineering College
11	Dr. J. SURESH	Assistant Professor	Information Technology	Dr. Saravali Engineering College
12	Dr. RAJESH M	Assistant Professor	School Of Computer Science	WVU College Of IT & Business
13	Dr. J. SURESH	Assistant Professor	Computer Science & Engineering	Dr. Saravali Engineering College
14	Dr. J. SURESH	Professor	Computer Science And Applications	Dr. Saravali Engineering College
15	Dr. J. SURESH	Assistant Professor	Applied Mathematics	Dr. Saravali Engineering College
16	Dr. SURESH	Assistant Professor	Computer Science Engineering	Dr. Saravali Engineering College
17	FRANCIS WESLEY	Research Officer	Business Economics	The Marjorie Slocum University Of Seattle
18	Dr. J. SURESH	Professor	Department Of Management Studies - III	Dr. Saravali Engineering College
19	Dr. SURESH	Director		Wipro Research Pvt. Ltd
20	Dr. SURESH	Assistant Professor	Mathematics	Kannada College Of Arts And Science

(S. Srinivas)  
(S. Srinivas)

*[Signature]*  
(S. Srinivas)

*[Signature]* S. Srinivas  
(S. Srinivas)





**COMBATOR INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTING - DATA SCIENCE & DECISION AND COMPUTING SCIENCES**  
**EDP RESOURCE PERSONS - BASE PARTICIPANTS**

Name	Industry Associated	SB Account Number	Bank Name	Branch	Indian Financial System Code (IFSC)	Aadhaar Number	PAN Number	Amount
Ms. BHARATHI M	Bank	30463141895	State Bank of India	Palakkad	2046321196	85205417053	AZMPN1528	Rs. 3600
Ms. ANJALI PANDIT	PLPTECH	5010051068430	YES BANK	Palakkad (Palakkad)	LDL0002199	86423001006	9M37743549	Rs. 2000
Ms. KISHORE BALLAL	Transtel Associates (Management Consultants)	30101041918663	Aura Bank	Tricity Road, Coimbatore	JTE0000477	94177467260	ASML940280P	Rs. 4000
Dr. RAJESH S	Education	4019910000013	State of Bank	Palakkad	BAL000A000	42098821939	ACT877909C	Rs. 4000
Ms. SREERAM M	Freelance	521400019	Indian Bank	Palakkad	0318005119	81537739191	JA10307120	Rs. 2000
Ms. CHANDRAN K	Health Care Activity	902400104	Indian Bank	Palakkad	0318005119	816041953498	CP994188P	Rs. 1000
Ms. TUMI SATHYANARAYAN	Data Science	917191911865	ICID Bank	Palakkad - Coimbatore	ICIC0000077	501648833116	JA19M03136	Rs. 4000
Dr. R. SUDHAKAR	PGD Institute of Management, PDU College of Technology, Palakkad	143122147	Central Bank of India	Palakkad	COIM0000113	6136153413651	9P2939165A	Rs. 1000
Ms. PREETHI KAVALLI SUDHAKARSHARMA	Mercury Retail Store, Information Technology (Data Science)	1813111442	State Bank of India	Palakkad, Sakshus, Coimbatore	SBIN0011762	34855011801	AK1PS12098	Rs. 4000
Dr. K. IYANARAJAN	PDU College of Technology	1401300603	Central Bank of India	Palakkad	COIM0000113	323454334577	AKL1905109	Rs. 4000
Ms. SAKSHI K P	Data Science	4062191230	State Bank of India	Coimbatore	SBIN0012005	21111131511	169491210R	Rs. 1500
Dr. S. SUGATHI	IT	47219191	State Bank of India	Palakkad	SBIN0001107	67993778919	AG1926007H	Rs. 4000

Total : 38500/-

*(Signature)*

*(Dr. N. Y. Suresh Babu)*

9.20.1-38500



## CASH BILL

S.No. (3)

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BHARATHIBAJA BOOKS CENTER

117 Balasubramaniam Complex, Annasalai Road,

Meyy College, Coimbatore-641004

IN122-4342504 GSTIN: 33AAKEPB6242B1Z0

To: The Principal  
ET

Bill No : 6371

Date : 15/03/2024

Type : Cash

S.No	Item Name	Qty	Rate	Tot.Amt
1.	cover	16 Nos	12.00	192.00
2.	Col Marker	1 Nos	10.00	10.00
3.	Tape(20)	1 Nos	20.00	20.00
4.	button file	2 Nos	26.00	52.00



Net Amount

Qty: 20.00

282.00

Rupees Two Hundred And Eighty Two Only

FOR BHARATHIBAJA BOOKS CENTER

Goods Once Sold Cannot be Taken Back

To: Name: Ms.S.Deivayani

A/cno: 475835406

Bank: INDIAN BANK, PSELAMEDU



OUT THROUGH THE MAIL, 10/10/2011



RECEIVED AT THE OFFICE OF THE  
DIRECTOR GENERAL OF CUSTOMS  
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ON 10/10/2011  
BY THE ASSISTANT COMMISSIONER  
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IN THE PRESENCE OF THE  
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OF CUSTOMS, CHENNAI  
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S. NO 4

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014 0000000 - New York, New York

To:

Name: Ms. S. Deivanand

A/c no: 475835406

Bank: INDIAN BANK, PAELAMEDU

Handwritten initials/signature

## Coimbatore Institute of Technology, Coimbatore

Department of Computing (Data Science & Decision and Computing Sciences)

### Faculty Development Program – Report

Program Title: Data Science for Decision Making

Duration: February 2019, 2021 - March 30, 2024

#### Introduction:

The Faculty Development Program (FDP) titled "Data Science for Decision Making" was conducted from February 2019 to March 30, 2024 by the Department of Computing (Data Science & DCS). The program aimed to equip faculty members with essential skills and knowledge in data science to enhance their ability to incorporate data-driven approaches in their teaching, research, and decision-making processes.

#### Objectives:

1. To provide participants with an overview of data science concepts and methodologies.
2. To familiarize faculty members with data analysis tools and techniques.
3. To demonstrate the application of data science in various academic disciplines for effective decision making.
4. To encourage interdisciplinary collaboration among faculty members for research and teaching initiatives involving data science.
5. To provide industry perspective of data science and business decision making domains.

#### Program Overview:

The FDP consisted of a series of lectures, hands-on workshops, case studies, and interactive sessions facilitated by experts in the field of data science and decision science. The program covered a wide range of topics including data collection and preprocessing, statistical analysis, machine learning, data visualization, data modeling and ethical considerations in data science.

Day 1: Day 1 was started with the inauguration session started with welcome address by Dr. N. Vasanthakumari, Associate Professor, Department of Decision and Computing Sciences, CIT and Mrs. J. Devaraj, Assistant Professor, Department of Data Science, CIT gave an introduction and the objectives of the FDP. Dr. S. Ganesan, Professor and Head, Department of Data Science and Dr. A. Karthikeyan, Professor and Head, Department of Decision and Computing Science, gave the Felicitation Address.



After the inaugural session, the keynote speaker Mr. M. Venkatesh Babu from Oracle India Pvt. Ltd. Sriharikota gave the keynote address.



The session was headed by Dr. Pagar Ganga Sundaram, from Appen Global Pvt. Ltd., Singapore on the title "Data Science for Decision-Making". In the afternoon, session 2 was headed by Dr. Rajesh Subramanian, from Sotho University, Mumbai, on the title "Unlocking the Power of Data Analytics: Transforming Decision Making and Driving Business Success".



Day 2: Day 2 was started with the session headed by Dr. S. Sagarini, Head and Professor, Department of Data Science, OJ on the title "Intuitive Techniques for Decision Making". In the afternoon, the session A was headed by Dr. K. Vinodh Kumar, Professor and Head, Department of IT, PSG College of Technology, Coimbatore on the title "AI and the Evolution of Data Science".



Day 3: Day 3 was started with the session 5 headed by Mr. S. Ankur Reddy from Thoughtspot, Bangalore, on the title "Power of Analytics Cloud Platform for Big Data - Microsoft". In the afternoon, the session 6 was headed by Dr. B. Sujatha, from IIM Institute of Management, Coimbatore, on the title of "Spreading the Power of BI4".



Day 4: Day 4 was started with the session 7 headed by Mr. M. Girish, Project Manager from Bosch Global Software Technologies, Coimbatore on the title "Data Science in Device's Making". In the afternoon, the session 8 was headed by Mr. Abhishek Pawar, Founder and CEO, Agilo Empire Tech Labs, Anantnagar, Gujarat on the title of "Opportunities in Data Science".



Day 5: Day 5 was started with the session 9 headed by Mr. Ravi Mohanrao, GM, Sankhya IT and Mr. Bhargava from M-Health Systems Pvt. Ltd, Bangalore, on the title of "The Reality You faces using Data Science, Machine Learning and Generative AI".





In the afternoon, session ID was handed to Mr. Christopher Emmanuel Prince, S.K, Sengula Dean CG, Health Director and Mr. Jayaram M M from Peracto Solutions, Chennai.



The IDP was complemented with the Voluntary survey and got feedback from the participants.



#### **Outcomes**

The Faculty Development Program provided participants with a comprehensive understanding of data science concepts and techniques, equipping them to integrate data-driven approaches into their teaching, research, and administrative roles for effective decision making. Participants gained hands-on experience with data analysis tools and developed skills for interpreting and visualizing data effectively in various business domains. Moreover, the program fostered interdisciplinary collaboration and facilitated discussions on the ethical implications of data science.

#### **Conclusion**

The "Data Science for Decision Making" Faculty Development Program was successful in achieving its objectives of equipping faculty members with essential skills and knowledge in data science. The program not only enhanced the participants' proficiency in data analysis but also encouraged interdisciplinary collaboration and promoted ethical practices in data-driven research and decision making. Moving forward, the insights gained from the IDP are expected to contribute significantly to the enhancement of academic research and teaching practices across various disciplines. The feedback provided by the participants directs the attainment of the objectives.



## ABOUT THE ORGANIZATION

The Department of Computing and Information Systems is managing the use of IT resources and to provide computer science education, the award the use of the facilities equipment in CIT. The department acts as a leader in academic in the field of digital education, on the basis of the department also has a dedicated academic excellence. The department has a wide of experienced faculty members who are striving to their respective fields.

## ABOUT SAC

[www.mcafee.com/academic/sg/10/](http://www.mcafee.com/academic/sg/10/)

It takes a real life in today's systems to secure their system, like internet banking and helps their users safely efficient. It also aims to protect systems in virus killing and malware removal program with their malware, virus, and adware. It have systems to protect their program, hardware, network, and gateway from user error, malware, viruses, worms, trojans, or other systems security and the use of network in the job market.

## IMPORTANCE OF HACKTHERM 2024

Our objective is to promote and enhance learning and research capacity, provide high-value academic activities such as students to find their expertise in solving the real-world issues through showcasing academic contribution and participation with academic team participation.

### Three focus of the Hackathon

Three focus of the hackathon is to solve for the problems for real world issues using various technologies - machine learning, IoT and blockchain technology.

## OUR HIGHLIGHTS FROM PREVIOUS EDITIONS

### Education

Student understanding learning level and discuss curriculum

### Subsidiary Process

Customer Feedback is to used to generate the vision of the great customer and the support of new technologies (portal)

### Business Success

Innovation and a partner in the Thailand market

### Leadership

Learning in Strategic Management, Human for Success

### Pragmatication

Clear and Precise Presentation Delivery

## Team Leader

Dr. S. Jolly Chinnaiyan  
Department  
CIT Institute, Chinnaiyan

## Advisors

Dr. S. Jolly Chinnaiyan

Department  
CIT Institute, Chinnaiyan

Dr. S. Jolly Chinnaiyan

Department  
CIT Institute, Chinnaiyan

Dr. S. Jolly Chinnaiyan

Department  
CIT Institute, Chinnaiyan

## Faculty

Dr. S. Jolly Chinnaiyan

Department  
CIT Institute, Chinnaiyan

## Students

Dr. S. Jolly Chinnaiyan

Department  
CIT Institute, Chinnaiyan



**COIMBATORE INSTITUTE OF TECHNOLOGY**

(Government Aided Autonomous Institution)

Coimbatore - 641014

CLAP Division of Career Guidance Cell

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**Women's Conclave 2024**



**Dr. Kavyalini Anshy**

Professor - Social Education  
Coimbatore - responsible@cit.ac.in



**Ms. Nived Chhabra**

Senior Officer  
HR Dept. - HR@cit.ac.in



**Dr. Mahasundari**

Asst. Prof. (Computer) - CIT



**Ms. Adhwath Adhwan**

Senior Assistant, Training Cell



**Mrs. Sneha Arun**

CLAP Cell Incharge  
CLAP@cit.ac.in



**Dr. Anitha**

Senior Assistant

📅 March 09, 2024

🕒 9:00 AM - 4:30 PM

📍 CIT AUDITORIUM

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

Alumni Connect Series 2024

Seminar  
on  
"A Beginner's Guide to the Civil Services Exams"

Speaker: Mr. S. Agara Mudhalvan,  
Alumnus from 2017-2022 Batch M. Sc. (DCS)

Date: 29/02/2024 2:30 PM to 4:30 PM  
Venue: CM306

POSTER



 **COIMBATORE INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTING**  
**ALUMNI CONNECT SERIES**  
**A BEGINNER'S GUIDE TO THE CIVIL SERVICES EXAMS**

**SPEAKER**  
Mr. S. Agaramudhalvan  
2017-22 batch DCS

 **DATE:** 29/02/2024  
 **TIME:** 2:30 PM - 4:30 PM  
 **VENUE:** CM-306



**FOR QUERIES:**  
**CONTACT:** 9882229078  
Dr. D. Manjra

Alumni Connect Series 2024

Seminar  
on  
"A Beginner's Guide to the Civil Services Exam"

Speaker: Mr. S. Agara Mudhalvan,  
Alumnus from 2017-2022 Batch M. Sc. (DCS)

Date: 29/02/2024 2:30 AM to 4:30 PM

Venue: OJ006

REPORT

Introduction:

On the 29th of February 2024, the Alumni Connect Series hosted a seminar titled "A Beginner's Guide to the Civil Services Exam" at OJ006. The seminar aimed to provide valuable insights and guidance to aspiring candidates preparing for the prestigious Civil Services Examinations. The distinguished speaker for the event was Mr. S. Agara Mudhalvan, an Alumnus of the 2017-2022 Batch of M. Sc. Decision and Computing Sciences.

Keynote Address:

Mr. S. Agara Mudhalvan commenced the seminar with an engaging keynote address, drawing upon his personal experiences and expertise as a civil services aspirant. He shared valuable insights into the various stages of the Civil Services Examinations, including the preliminary examination, mains examination, and the interview process. His address emphasized the importance of meticulous preparation, strategic planning, and perseverance in navigating the challenges of the exam.



## Key Insights

During his presentation, Mr. Agaramudhalan provided comprehensive guidance on various aspects of the Civil Services Examinations:

**Understanding the Exam Pattern:** He elucidated the structure and syllabus of the exams, highlighting the importance of familiarity with the examination pattern and marking scheme.

**Preparation Strategies:** Mr. Agaramudhalan shared effective preparation strategies, including time management techniques, revision methods, and resources for study materials and reference books.

**Approach to Different Papers:** He offered insights into approaching the different papers of the examinations, including general studies, optional subjects, and essay writing, emphasizing the importance of clarity, coherence, and analytical thinking.

**Tips for Interview Preparation:** Mr. Agaramudhalan provided valuable tips for interview preparation, including mock interviews, self-assessment, and confidence building exercises.



## Conclusion

The seminar on "A Beginner's Guide to the Civil Services Exams," featuring Mr. R. Agaramudhalan, as the speaker, proved to be immensely beneficial for the attendees. His expertise, coupled with practical insights and tips, provided aspiring candidates with valuable guidance and motivation for their exam preparation journey. The event exemplified the spirit of the Alumni Connect Series in facilitating knowledge exchange and mentorship opportunities among alumni and current students. Moving forward, the insights gained from the seminar will undoubtedly empower aspiring civil servants in their pursuit of excellence in the Civil Services Examinations.

Coimbatore Institute of Technology, Coimbatore - 541014  
Department of Computing - Decision and Computing Sciences

Technical Seminar  
on  
"National Security Paradigm - Cyber War Dimensions"

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

Date: 20/03/2024 11:00 AM to 12:00 PM  
Venue: CM306

Poster

**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTING**  
DECISION AND COMPUTING SCIENCES

**NATIONAL SECURITY PARADIGM- CYBER WAR DIMENSIONS**  
**TECHNICAL SEMINAR**

**SPEAKER**  
**Mr. Balaji Venkateswar**  
Chief Mentor- Cyber Defence  
CyberVidyaapeeth Foundation

 **DATE:** 20/03/2024

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

 **VENUE:** CM 306

**FOR QUERIES:**  
**CONTACT:** 9886229679  
Dr. D. Manjra

Coimbatore Institute of Technology, Coimbatore - 541014

Department of Computing - Decision and Computing Sciences

Technical Seminar

on

"National Security Paradigm - Cyber War Dimensions"

Speaker: Mr. Balaji Venkateswar

Chief Mentor, Cyber Defense, Cyber Vidyaapeeth Foundation

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

Venue: O4/006

### Report

On the 20th of March 2024, a seminar on "National Security Paradigm - Cyber War Dimensions" was held at O4/006. The seminar featured Mr. Balaji Venkateswar, Chief Mentor of Cyber Defense at Cyber Vidyaapeeth Foundation, as the distinguished speaker. The event aimed to shed light on the intricate dimensions of cyber warfare and their implications for national security.

#### Keynote Address

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



#### Key Insights

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

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

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

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

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



## Conclusion

The seminar on "National Security Paradigm - Cyber War Dimensions," featuring Mr. Gajaj Venkateswar as the speaker, provided valuable insights into the complexities of cyber warfare and its implications for national security. The event served as a platform for the students to get exposure to knowledge and dialogue with the invited speaker. Moving forward, the insights gained from the seminar will instigate the students towards efforts to enhance cybersecurity capabilities and safeguard the interests of nations in the digital age.

## About the Speaker

Gajaj is a Cyber Defense Professional with more than 25 years of experience and expertise in Cyber Defense. He has innovated multiple solutions & created multiple de-novo frameworks to raise the bar of Information Security control and with "2 Global Patents" granted, 5 filed & "One Trade Secret". Gajaj has also worked for State Bank of India, India largest Bank, Wipro as Head (Risk Management & Compliance), Bank of America as Senior Vice President (Global Information Security) for Global Delivery Center & CISO(India), PwC as Executive Director- Cyber Defense, Gulcoinn as Director-Cyber Defense, ICFC First Bank as CISO AND CCE AS CISO. Currently, Gajaj is working as Chief Mentor, at CyberVidyapeeth Foundation (an Educational Entity dedicated to Advance Cyber Defense Research and education). In order to contribute to Cyber Security Ecosystem, Resilience planning and Policy Formulation at the Country level, Gajaj represents the following Committees:



- \*Member Advisory Board for Global Cyberlympics, 2014-2022
- \*Member of the CII National Committee on Telecom & Broadband 2017-18
- \*Co-Chair of CII National Sub-Committee on Cyber Security - 2019-17
- \*Member of the National Committee on Cyber Defense for Critical Infrastructure

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

Alumni Connect Series 2024

Seminar  
on

"Unlocking Success: Navigating Internship Interviews - Insights from Alumni"

Speakers:

**Ms. C.V. Padmavarsini**

Programmer Analyst, IXL Services

**Ms. D. Srinidhi**

Headshore Data Analyst, IXL Services

Alumni from 2017-2022 Batch M. Sc. (DCS)

Date: 19/03/2024 11:30 AM to 1:00 PM

Venue: G1/008

POSTER



## COIMBATORE INSTITUTE OF TECHNOLOGY

Coimbatore Public Autonomous Institution

### DEPARTMENT OF COMPUTING

ALUMNI CONNECT SERIES - 2024

EMULATING SUCCESS |  
NAVIGATING ENTREPRENEURSHIP JOURNALS



**MS. C.V. PADMAVATHI**

2019-22 BETA + DES

MANAGEMENT ANALYST, ECL GROUPS



**MS. D. SRINIDHI**

2019-22 BETA + DES

HEALTHCARE DATA ANALYST, ECL SERVICES



**DATE: 20/03/2024**



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



**VENUE: CM 306**

GET TICKETS FROM  
193  
944994

FOR QUERIES

CONTACT: 9865229679

Dr. D. Manju

Alumni Connect Series 2024

Seminar

on

"Unlocking Success: Navigating Internship Interviews - Insights from Alumni"

Speakers:

Ms. C.V Padmavarshini

Programmer Analyst, DCL Services

Ms. D. Srinidhi

Healthcare Data Analyst, DCL Services

Alumni from 2017-2022 Bachel. M. Sc. (DCS)

Date: 15/03/2024 11:30 AM to 1:00 PM

Venue: OVI002

REPORT

The Alumni Connect Series 2024 continued its tradition of fostering knowledge exchange and networking opportunities with a seminar titled "Unlocking Success: Navigating Internship Interviews - Insights from Alumni" held on the 15th of March 2024 at OVI002. The seminar aimed to provide valuable guidance to students preparing for internship interviews. The seminar featured distinguished alumni Ms. C.V. Padmavarshini and Ms. D. Srinidhi, both from the 2017-2022 Batch of M. Sc. (DCS), who shared their expertise and practical insights with the attendees. The event aimed to provide valuable guidance and strategies to students in the sixth semester, in preparing for internship interviews.



## Keynote Address

Ms. C.V. Padmaavathi commenced the seminar with an engaging keynote address, drawing upon their experiences and expertise as successful professionals in the field. Ms. D. Binithi commenced her talk in the seminar with an engaging discussion, drawing upon their experiences as successful professionals in the field. They shared personal anecdotes, practical advice, and valuable insights into the internship interview process, emphasizing the importance of preparation, confidence, and professionalism.

## Key Insights

During their presentation, Ms. Padmaavathi and Ms. Binithi provided comprehensive guidance on various aspects of internship interviews:

**Preparation Strategies:** They stressed on the importance of researching the company, understanding the job role, and practicing common interview questions. They emphasized the need for candidates to showcase their skills, experiences, and achievements effectively during the interview.

**Resume Writing Tip:** The speakers offered insights into crafting a compelling resume that highlights relevant skills, experiences, and accomplishments. They emphasized the importance of tailoring the resume to the specific internship opportunity and showcasing one's unique strengths.

**Interview Techniques:** Ms. Padmaavathi shared effective interview techniques, including active listening, clear communication, and professional demeanor. Ms. Binithi emphasized the importance of demonstrating enthusiasm, curiosity, and a willingness to learn during the interview.



**Interview Techniques:** Techniques for effective communication, active listening, and professional demeanor during interviews were discussed, along with the importance of demonstrating enthusiasm and a willingness to learn.

**Handling Behavioral Questions:** The speakers provided strategies for addressing behavioral questions, such as describing past experiences, handling challenges, and working in a team. They encouraged students to use the STAR (Situation, Task, Action, Result) method to structure their responses effectively.

## Conclusion

The seminar on "Unlocking Success: Navigating Internship Interviews - Insights from Alumni" proved to be immensely beneficial for the attendees. Ms. C.V. Padmaavathi and Ms. D. Binithi's expertise,

coupled with practical insights and tips, provided students with valuable guidance and motivation for their internship placement. The event exemplified the spirit of the Alumni Connect Series in facilitating knowledge exchange and mentorship opportunities among alumni and current students. Moving forward, the insights gained from the seminar will undoubtedly empower students in their pursuit of internship opportunities and career success.



Computer Technology (ICT), Communication of Technology Advancements, Indonesia, Duta  
Kampus Mitra, Gedung, Gedung 1001, 1001  
10110  
10110  
10110



**COIMBATORE INSTITUTE OF TECHNOLOGY,  
COIMBATORE**

Organizes  
Online Faculty Development Program on  
"Generative AI Unleashed: Exploring the Possibilities and Recent Trends"

1<sup>st</sup> April, 2024 – 5<sup>th</sup> April 2024

Online Faculty Development Program on "Generative AI Unleashed: Exploring the Possibilities and Recent Trends" was organized by the Department of Computing (Decision and Computing Sciences), Coimbatore Institute of Technology, Coimbatore. The organizers are

**CHIEF PATRON**

Mrs. S. Raju Rangasani,  
Coordinator, CII Institutions, Coimbatore.

**PATRONS**

Mrs. K. Divyashilpa Raju,  
Coordinator, CII Institutions, Coimbatore.  
Dr. R. Prabhakar,  
Secretary, CII Institutions, Coimbatore.

Dr. V. Sallabera,  
Advisor, CII Institutions, Coimbatore.

**PRESIDENT**

Dr. A. Rajewani,  
Principal, Coimbatore Institute of Technology, Coimbatore.

**CONVENERS**

Dr. K. Sathiraja,  
Dean – Computing, Coimbatore Institute of Technology, Coimbatore.  
Dr. A. Kannanrao,

Professor & Head,

Department of Computing (DCS), Coimbatore Institute of Technology, Coimbatore.

**CO-ORDINATORS**

Dr. V. Senthil,

Assistant Professor,

Department of Computing (DCS), Coimbatore Institute of Technology, Coimbatore.

Dr. S. Chandra,

Assistant Professor,

Department of Computing (DCS), Coimbatore Institute of Technology, Coimbatore.

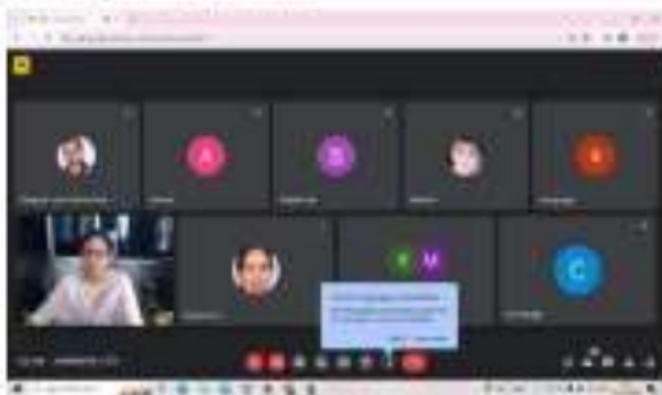
Mr. S. Bharani,

Assistant Professor,

Department of Computing (DCS), Coimbatore Institute of Technology, Coimbatore.

As Generative AI continues to advance, its impact on society, culture, and creativity will shape the future of human-machine collaboration and innovation. To keep up with the rapidly changing educational landscape, the FDP presents educators with a singular opportunity to adopt cutting-edge technologies. The goal is to enable the participants to lead significant research projects and develop engaging learning opportunities by providing them with the necessary knowledge and abilities to use AI. The FDP was successfully started with 17 internal participants and 36 external participants on 1-4-2024 with an inauguration.

The inaugural session began at 10 am with a welcome address delivered by Dr. A. Kamathmal, Professor and Head, Department of Decision and Computing Science. She provided basic insights into the field of AI.



The first session focused on the topic of the Generative AI landscape in 2024. Mr. Mathivanan K, the manager of Morgan Stanley – Bangalore, led the session, offering insights on AI, ML, DL, Generative AI, Disruptive and Generative techniques, and various fields where Generative AI plays a crucial role. He also provided in-depth knowledge of LLM models, explained the principles of their operation, and discussed Generative models along with their benchmarks. The session then progressed to topics such as reinforcement learning in NLP, Multimodality, and RAG architecture models, showcasing significant proficiency. Ultimately, the session concluded with a thorough examination of Devin's model, addressing various concerns surrounding Generative AI, and discussing strategies to overcome them.



The second session began at 2 pm. The speaker Dr S Loretyn Koo, who is currently serving as an Associate professor with the Department of Computer Science Engineering at PWG College of Technology led the session. The session focused on "Unraveling The core architecture of Deep Learning". She provided the basic knowledge of datasets and neural networks which covered the topics of Activation function, Gradient Descent, and Learning rate = hyperparameter = adaptive Learning rate scheduler. Then she moved on to regression and classification model, One hot encoding, SoftMax function, Image 3-D matrix concept, and Video-multiplex frames.



The third session started at 10 am on 2<sup>nd</sup> April, 2024 which was in continuation to the previous session led by Dr. Loretyn Koo, in the session, some basic insights on Generative AI, Self-supervised learning model, API keys and tokenization, and Prompt engineering were shared. Finally, the session concluded with a thorough examination of RAG – (Retrieval-Augmented Generation) models.



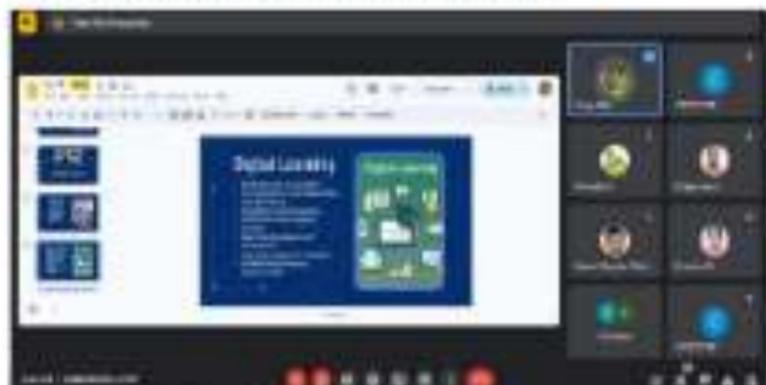
The resource person of fourth session was Mr. Madhreyan K. Mr. Madhreyan is currently working as the manager in Morgan Stanley, Bangalore. The topic of the session was "Deep Computer Vision". Mr. Madhreyan gave the participants clear insights on what Computer Vision is and where it can be used. He also provided valuable information on how computer vision works. At the end of the session, he spoke about some of the AI tools that help with image analysis and computer vision.



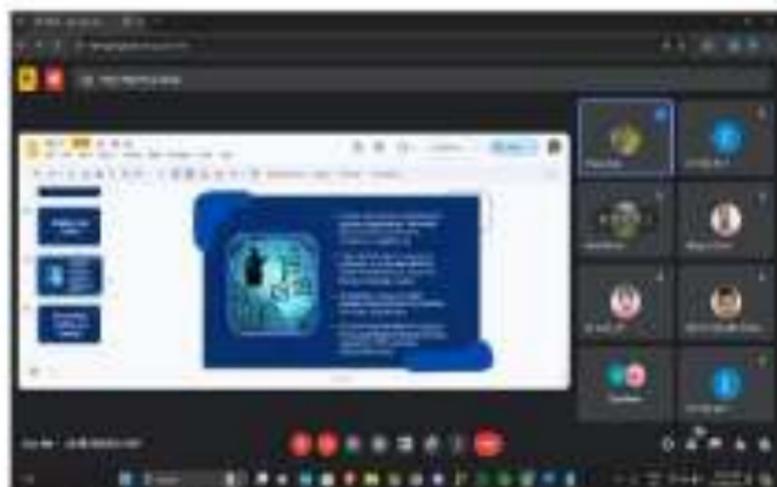
The 5th session on Generative AI and Decision Making was given by Dr. Sharanagovinda. She is working as an associate professor with the department of Computer Science and Application. The session started with her explaining the evolution of Generative AI. In the course of the session, she also explained about the various types of Generative AI including Transformers, Autoencoders, VAEs and GANs.



Ms. Vidhya Mathakrishnan handles the sixth session on Application of AI in Digital Learning. Ms. Mathakrishnan is currently working as the Team lead in Digital Training Services at Bosch Global Software Technologies. The topic of discussion was "Application of AI in Digital Learning". She started the session with an introduction on Generative AI. Later, she shared her knowledge on Digital Learning and its advantages.



Through the session, she explained how students and teachers can use AI. She also explained the participants about the effects of AI in the Academic field. Nearing the end of the session, she gave the participants insights on implementation of AI in the field of Digital Learning.



The seventh session was moderated by Mr. Sentika Nur Rappapan who is the founder of Halcyon Ventures and co-founder of Miracles Ventures was the resource person of the session. The session dealt with the concepts of ML and NPLs to big data, bias, and fairness in AI and Prompt engineering.



The eighth session was moderated by Dr. Hiji, Associate Professor, Department of Analytics School of Computer Science and Engineering, Vellore Institute of Technology. The session focused on the topic of "Retrieval Augmented Generation for Large Language Model". At the start of the session, she gave the participants knowledge on the various AI tools existing.

in the Web. She also presented the participants with two case studies on Medical System and GPT Models. She started the session with a summary on RAG.



The last two sessions of the FDP was handled by Ms. Subarna Venkat, Senior Executive, Siemens Technology, Bangalore. A piece of deep knowledge on Generative AI models, concepts of LLM, Generative AI application in LLM, prompt engineering, LLM models, Dos and Don'ts of LLM was shared. She also discussed "Case Studies in Healthcare and Agriculture using LLM". She started the session by exhibiting some of the LLM models created by her. She clearly explained the program and how to create an LLM model.



The Valedictory function started at 1.10 pm. Dr. V. Sarothi, Member of Organizing Committee, facilitated the gathering which was followed by the Vote of Thanks by Dr. S. Chandu, Member of Organizing committee.

The Faculty Development Program has reached its standards successfully and well planned and organized by a dedicated Organizing team.

# Coimbatore Institute of Technology, Coimbatore

Department of Computing (Data Science & Decision and Computing Sciences)

## Faculty Development Program - Report

FIVE DAYS ONLINE FACULTY DEVELOPMENT PROGRAMME  
ON

DATA SCIENCE FOR DECISION MAKING  
February 28<sup>th</sup> TO March 1<sup>st</sup>, 2024

### RESOURCE PERSONS

Prof. Dr. Anand K. Srinivasan, Head of Department, Department of Computing, Coimbatore Institute of Technology, Coimbatore

### IMPORTANT INFORMATION

- The FDF is for faculty members from various engineering, business, medical, law, architecture, education, agriculture, food, pharmaceutical, etc.
- The FDF is an intensive 5 days course.
- The course content is similar across all disciplines.
- FEE: There is no fee for registration and all materials are provided free of cost.
- There are limited slots for registration and subject to approval for some last entries.
- It is a residential programme in Coimbatore.

### FOR QUERIES CONTACT:

Dr. S. Srinivasan  
JODHPUR  
via E-MAIL  
or WhatsApp  
98454 44444

### ELIGIBILITY

Academically qualified for the field work assignments (Faculty/Professional/Overseas/Retired)

### REGISTRATION FEE

Registration Fee: Rs. 10,000/- + GST  
Academic/Professional/Overseas/Retired  
December 15, 2023

### PAYMENT DETAILS

Account Name: JODHPUR  
Bank Name: SBI  
Branch: Coimbatore  
IFSC Code: SBIN0001001

### REGISTRATION FORM

<https://www.jodhpur.ac.in>

### SCAN QR CODE TO REGISTER



### IMPORTANT DATES

Application Registration: 15/12/2023  
Registration Closure: 14/1/2024

Five Days Online Faculty Development Programme (FDF)

## DATA SCIENCE FOR DECISION MAKING



28<sup>th</sup> February 2024 - 01<sup>st</sup> March 2024

Organized by  
Department of Computing  
Data Science &  
Decision and Computing Sciences



Coimbatore Institute of Technology  
Jodhpur, Coimbatore  
98454 44444  
Phone: 0202 2141000/1002  
www.jodhpur.ac.in

### ABOUT THE INSTITUTE

Coimbatore Institute of Technology is a Central Board of Secondary Education (CBSE) approved institution. It is a Government Institute of Technology established in 1979. It is a Government Institute of Technology established in 1979.

The Institute has a long history of excellence in education and research. It has a strong tradition of providing quality education and research. It has a strong tradition of providing quality education and research.

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### ABOUT THE DEPARTMENT

The Department of Computing is established in 1992. It is a Government Institute of Technology established in 1979. It is a Government Institute of Technology established in 1979.

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### ABOUT THE FDF

The Institute has a long history of excellence in education and research. It has a strong tradition of providing quality education and research.

### EXHIBED OUTCOMES

- Updated the list of faculty members.
- Updated the list of faculty members.
- Updated the list of faculty members.

### COURSE CONTENTS

- Introduction to Data Science
- Introduction to Data Science
- Introduction to Data Science

### OFFICE BOD & COMMITTEE

Dr. S. Srinivasan  
JODHPUR

Dr. S. Srinivasan  
JODHPUR

### COMMITTEE

Dr. S. Srinivasan  
JODHPUR

**SCHEDULE**

DATE	PM SESSION (10:00 AM to 12:00 Noon)		AM SESSION (2:00 PM to 4:00 PM)	
26-03-2024	<b>INAUGURAL SESSION (9:30 AM to 10:00 AM)</b>		Dr. Rajesh Subramanian, Former Dean and Head of Campus, Anna University, Madurai. <b>"Unlocking the Power of Data Analytics: Transforming Decision-Making and Driving Business Success"</b>	
	Mr.M. Hanah Gowtham, Principal Member Technical Staff Orca India Pvt Ltd, Bengaluru.	Mr. Roger Gopal Suresh, Senior Director, Data Science, Appen Global Pvt Ltd., Singapore. <b>"Data Science For Decision Making"</b>		
27-03-2024	Dr. S. Suprith, Professor and Head Data Science Department of Computing, Coimbatore Institute of Technology, Coimbatore. <b>"Medical Techniques for Decision Making"</b>		Dr. K. Umamaheswar, Professor and Head Department of Information Technology, PGG College of Technology, Coimbatore. <b>"AI on the Forefront of Data Science"</b>	
28-03-2024	Mr. S. Ashish Sathish Data and AI Consultant Thorogood Associates, Bengaluru. <b>"Future of Analytics in Cloud Platforms for Big Data - AI/ML/ROD"</b>		Dr. R. Sujatha, Associate Professor Department of MBA, PGG Institute of Management, Coimbatore. <b>"Unleashing the Power of Data"</b>	
29-03-2024	Mr. Dhruvan M, Project Manager, Sinch Digital Software Technologies, Coimbatore. <b>"Data Science in Decision Making"</b>		Mr. Raash Panshi Founder & CEO , Argyle Enigma Tech Labs, Anna Mallath, Durgam, <b>"Opportunities in Data Science"</b>	
31-03-2024	Mr. Ravikrishnan Senior Data Scientist, Madhusatya V M, Bangalore MRout Services Pvt. Ltd Bengaluru <b>"Industry Use cases using Data Science, Machine Learning and Generative AI"</b>		Mr. Christopher Emmanuel Trives and C.A. Sanjiv, B.S. Health, Chennai. Mr. Suresh K V, Procidia Solutions, Chennai. <b>"Business Case Studies on Health Care and Cloud Framework"</b>	<b>Victory Section (4:00 pm to 4:30 pm)</b>

**Program Title:** Data Science for Decision Making

**Duration:** February 28th, 2024 - March 1st, 2024

### **Introduction:**

The Faculty Development Program (FDP) titled "Data Science for Decision Making" was conducted from February 28th to March 1st, 2024 by the Department of Computing (Data Science & DS). The program aimed to equip faculty members with essential skills and knowledge in data science to enhance their ability to incorporate data-driven approaches in their teaching, research, and decision-making processes.

### **Objectives:**

1. To provide participants with an overview of data science concepts and methodologies.
2. To familiarize faculty members with data analysis tools and techniques.
3. To demonstrate the application of data science in various academic disciplines for effective decision making.
4. To encourage interdisciplinary collaboration among faculty members for research and teaching initiatives involving data science.
5. To provide industry perspective of data science and business decision making domains.

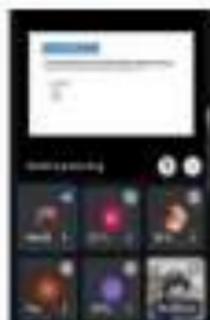
### **Program Overview:**

The FDP consisted of a series of lectures, hands-on workshops, case studies, and interactive sessions facilitated by experts in the field of data science and decision science. The program covered a wide range of topics including data collection and pre-processing, statistical analysis, machine learning, data visualization, data modeling and ethical considerations in data science.

Day 1: Day 1 was started with the inauguration session started with welcome address by Dr.H.Jayashankar, Associate Professor, Department of Decision and Computing Sciences, CIT and N.S.Srinivasan, Assistant Professor, Department of Data Science, CIT gave an introduction and the objectives of the FDP. Dr.S.Suganthi, Professor and Head, Department of Data Science and Dr.A.Ganapathi, Professor and Head, Department of Decision and Computing Sciences, gave the following address:



After the inaugural session, the keynote speaker Mr. H. Harish Gowtham from Oracle India Pvt. Ltd, Bangalore, gave the keynote address.



The session was handled by Mr. Rajaranga Sunderani, from Aggr Global Pvt. Ltd., Singapore on the title "Data Science for Decision Making". In the afternoon, session 1 was handled by Dr. Rajesh Subramanian, from Sotho University, Kerala, on the title "Unlocking the Power of Data Analytics: Transforming Decision Making and Driving Business Success".



Day 1: Day 1 was started with the session handled by Dr. S. Suganbi, Head and Professor, Department of Data Science, CIT on the title "Statistical Techniques for Decision Making". In the afternoon, the session 2 was handled by Dr.C. Umamaheswari, Professor and Head, Department of IT, PES College of Technology, Coimbatore on the title "AI on the Forefront of Data Science".



Day 2: Day 2 was started with the session 3 handled by Mr.S. Kishore Babji from Thorogood Associates, Bangalore, on the title "Insights of Analytics in Cloud Platforms for Big Data in Microsoft". In the afternoon, the session 4 was handled by Dr. R. Sujatha, from PES Institute of Management, Coimbatore, on the title of "Unlocking the Power of Data".



Day 4: Day 4 was opened with the session 7 handled by Mr. M. Dinesh, Project Manager from Sash Global Software Technologies, Coimbatore on the title "Data Science in Decision Making". In the afternoon, the session 8 was handled by Mr. Akash Desai, Founder and CEO, Sogile Brigma Tech Labs, Ahmedabad, Gujarat on the title of "Opportunities in Data Science".



Day 5: Day 5 was started with the session 9 handled by Mrs. Ram Madhwalager, Mrs. Shobhale M and Mrs. Bhargavi P from MRCSoft Services Pvt. Ltd, Bangalore on the title of "Industry Use Cases using Data Science, Machine Learning and Generative AI".

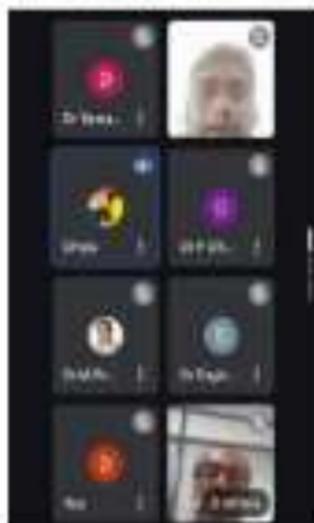




In the afternoon, session 10 was headed by Mr. Christopher Inmanuel Pinot, C.E. Sanjula from EIS Health, Chennai and Mr. Edwin R D from Possible Solutions, Chennai.



The CDP was concluded with the Validation session and got feedback from the participants.



#### Outcomes:

The Faculty Development Program provided participants with a comprehensive understanding of data science concepts and techniques, statistical models enabling them to integrate data-driven approaches into their teaching, research, and administrative roles for effective decision making. Participants gained hands-on experience with data analysis tools and developed skills for interpreting and visualizing data effectively in various business domains. Moreover, the program fostered interdisciplinary collaboration and facilitated discussions on the ethical implications of data science.

#### Conclusion:

The "Data Science for Decision Making" Faculty Development Program was successful in achieving its objectives of equipping faculty members with essential skills and knowledge in data science. The program not only enhanced the participants' proficiency in data analysis but also encouraged interdisciplinary collaboration and promoted ethical practices in data-driven research and decision making. Moving forward, the insights gained from the CDP are expected to contribute significantly to the enhancement of academic research and teaching practices across various disciplines. The feedback provided by the participants aligns the attainment of the objectives.

**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTING – DATA SCIENCE & DECISION AND COMPUTING SCIENCES**  
**5 DAYS ONLINE FACULTY DEVELOPMENT PROGRAMME ON DATA SCIENCE FOR DECISION MAKING**  
**26/02/2024 to 01/03/2024**  
**INTERNAL PARTICIPANTS LIST**

Sr.No.	NAME	Designation	Department	College Name
1	Ms.B.SANGEETHA	Assistant Professor	Mathematics	Coimbatore Institute of Technology
2	DR.MANJUNATHAN R S	Professor	Computer Engineering	Coimbatore Institute of Technology
3	DR.PRADEEPKANTHY	Assistant Professor	Artificial Intelligence and Data Science	Coimbatore Institute of Technology
4	Ms.SURESHKANTHAKRISHNAN	Assistant Professor	Artificial Intelligence and Data Science	Coimbatore Institute of Technology
5	DR.SWATHINE	Assistant Professor	Artificial Intelligence and Machine Learning	Coimbatore Institute of Technology
6	MR.PAVANESHCHANDRAN P	Assistant Professor	Mechanical Engineering	Coimbatore Institute of Technology
7	DR.MANJUNATH	Assistant Professor	Decision and Dssupporting Sciences	Coimbatore Institute of Technology
8	DR.D. SUDHA DEVI	Assistant Professor	Data Science	Coimbatore Institute of Technology
9	DR.SUDHA MUTHUSAMY	Assistant Professor	Artificial Intelligence and Machine Learning	Coimbatore Institute of Technology
10	SUDHA K	Assistant Professor	Artificial Intelligence and Data Science	Coimbatore Institute of Technology
11	MR.AKSHAYAR	Assistant Professor	Artificial Intelligence and Data Science	Coimbatore Institute of Technology
12	MR.KVANI	Assistant Professor	Decision and Dssupporting Sciences	Coimbatore Institute of Technology
13	DR. V.SAVITHRI	Assistant Professor	Decision and Dssupporting Sciences	Coimbatore Institute of Technology
14	DR. H. VANITHA	Assistant Professor	Artificial Intelligence and Machine Learning	Coimbatore Institute of Technology
15	DR.S.DAYANAMARY	Assistant Professor	Mathematics	Coimbatore Institute of Technology
16	MR.V.PRIYANKA	Assistant Professor	Computer Science and Engineering	Coimbatore Institute of Technology
17	DR.D.PURVESHKANN	Assistant Professor	Electrical, Communication Engineering	Coimbatore Institute of Technology
18	DR.K.RAJARAJESHWARI	Assistant Professor	Data Science	Coimbatore Institute of Technology
19	MR.DHARMI S	Assistant Professor	Decision and Dssupporting Sciences	Coimbatore Institute of Technology
20	MR.ARUN A D	Assistant Professor	Decision and Dssupporting Sciences	Coimbatore Institute of Technology
21	DR.S.SAVITHRI DEVI	Assistant Professor	Data Science	Coimbatore Institute of Technology
22	DR. S.CHANDR	Assistant Professor	Decision and Dssupporting Sciences	Coimbatore Institute of Technology

## EXTERNAL PARTICIPANTS LIST

S. NO.	NAME	DESIGNATION	DEPARTMENT	COLLEGE NAME
1	Dr. DINESH KUMAR	Associate Professor	Computer Science And Engineering	Velammal College Of Engineering And Technology
2	Dr. VEDHA NAJADAR	Engineering Manager	Data Analytics And AI	Pfizer
3	Dr. M. JAYAPRIYA	Assistant Professor	Division Of Maths	Ravanan Institute Of Technology And Sciences
4	Dr. P. SIVAKUMAR	Assistant Professor	Computer Science	Dr. Ramakrishna College Of Arts & Science For Women
5	Dr. S. CHANDRAN	Assistant Professor	Computer Science	Dr. Ramakrishna College Of Arts And Science For Women
6	Dr. HEMANTH KUMAR	Assistant Professor	IT&A Research Department Of Computer Science	Raja Jeyarajendra Gounder Arts College, Sivagangai
7	Dr. V. GANESHAN	Assistant Professor	Computer Applications	Government Arts College (Autonomous), Salem-7
8	Dr. ANITHA DEVI	Assistant Professor	Computer Science And Engineering	Madan Mohan Malaviya University
9	Dr. DIVYA M	PG Student	Maths And Artificial Intelligence	Dr. Ramakrishna Engineering College
10	Dr. JAYAPRIYA	Assistant Professor	Digital Cyber Forensic Science	Swetha Lakshmi Engineering College
11	Dr. J. DEVI	Assistant Professor	Information Technology	Sona College Of Technology
12	Dr. RAJITHA M	Assistant Professor	Subject Of Computer Science	MS College Of Arts And Science
13	Dr. SIBIRAM SANKAR	Associate Professor	Computer Science & Engineering	Sarala (BHU) Chennai
14	Dr. J. JAYACHANDRA	Professor	Computer Science And Applications	Periyar Government Institute Of Science And Technology
15	Dr. J. VIGNESH KUMAR	Assistant Professor	Applied Mathematics	Dr. Vaidyanathan College Of Engineering - Sivagangai, Chennai
16	Dr. S. SURESH KUMAR	Assistant Professor	Computer Science Engineering	Swetha Sri Engineering College, Sivagangai
17	Dr. FRANCIS LUCIA	Research Scholar	Business Economics	The Madonna Sacchari University Of Sivagangai
18	Dr. ANITHA KUMAR DEVI	Professor	Department Of Management Studies - B.V	Anna Engineering College (Autonomous)
19	Dr. N. SURESH KUMAR	Director		Higgins Research Pvt. Ltd.
20	Dr. SARATHI D	Assistant Professor	Mathematics	Kabir College Of Arts And Science

Coimbatore Institute of Technology, Coimbatore

Department of Computing - Data Science

Report of Two Days Workshop

on

Principles of Quantum Machine Learning

March 7<sup>th</sup> & 8<sup>th</sup>, 2024

AI Library Conference Hall, GIT

#### ABOUT THE WORKSHOP

Quantum Machine Learning (QML) holds promise for solving complex problems by harnessing the power of Quantum Computation. The workshop provided insight into emerging fields of Quantum and Machine Learning.

#### WORKSHOP CONTENT

- Introduction to Quantum Computing
- QML in Life Science
- Simulation Tools
- Implementation of QML Algorithms
- Discussion on Real World Applications.

#### RESOURCE PERSON

DAY 1 : Dr. Jayakumar Vaidhyashankar

IBM Educator

IBM Qiskit Advocate

Bangalore, Karnataka.

DAY 2: Mr. Sayanthan Pramesh

Quantum Research Engineer

Tata Consultancy service

Bangalore, Karnataka

#### AGENDA

##### DAY 1

- Prayer song
- Resource person Introduction
- Introduction to IBM and its courses by Dr. Jayakumar Vaidhyashankar
- Basics of Quantum computing
- Advantages of Quantum computers over classical computers.
- Discussion about Qubits and it's states

##### DAY 2

- Discussion about Quantum Machine Learning

- Reinforced learning
- Basic theorems of QML
- Classification with Quantum Modeling
- Quantum Classifiers



After successful completion of the workshop, the Participants learnt

- To bridge the gap between academia and industry in QML
- To increase in awareness of QML's potential exploration of practical applications, networking opportunities, identification of challenges and skill development
- To foster collaboration and accelerate innovation in the integration of ML into real world scenarios

The workshop provided valuable insights into Quantum Computing and equipped attendees with knowledge in Quantum Machine Learning. Overall, the workshop was a rewarding experience enhancing professional development.

## List of Participants

S.No	Name	College/Industry Name	Designation
1	MULANBARI M	ITE Institute of Engineering and Technology	Under Graduate Student
2	Dr. J.SENTHIL KUMAR	KT-CALAGHAR (CARLIAN DR) INSTITUTE OF TECHNOLOGY	Assistant Professor
3	Dr. SARINIDIVA	ITE COLLEGE OF ARTS SCIENCE & RESEARCH	Assistant Professor
4	Mr. NAVJEE RAJ R	PGG College of Technology	Post Graduate Student
5	MULANBARI M	PGG college of technology	Post Graduate Student
6	Ms.J.DHIVA	St. Bernadine's College of Arts and Science for Women	Assistant Professor
7	Mr. KARTHIGAISETHI Datta	Quantum Cosmos Research Lab Pvt Ltd	Industry Professional
8	Mr. RAJALAKSHMI K P	Coimbatore Institute of Technology	Assistant Professor
9	Ms. K H SANI	Coimbatore Institute of Technology	Assistant Professor
10	Dr. SULTHERA M	Coimbatore Institute of Technology	Assistant Professor
11	Dr. P. JELWADU	Coimbatore Institute of Technology	Assistant Professor
12	Ms. K.D. ARUNA	Coimbatore Institute of Technology	Assistant Professor
13	Dr. V. RAJAMANI	Coimbatore Institute of Technology	Assistant Professor
14	Ms. J. RADHKA	Coimbatore Institute of Technology	Assistant Professor
15	Ms. S. DHIRANI	Coimbatore Institute of Technology	Assistant Professor
16	Dr. DASARANYA	Coimbatore Institute of Technology	Student
17	Dr. DEEPTHIKA	Coimbatore Institute of Technology	Student
18	S NANDHAKUMAR	Coimbatore Institute of Technology	Student
19	G. SURENDRAN	Coimbatore Institute of Technology	Student
20	AZ. NEVIN	Coimbatore Institute of Technology	Student
21	S. SARJAY	Coimbatore Institute of Technology	Student
22	ASHWATHAMRAN M	Coimbatore Institute of Technology	Student
23	GANESH BALAJI R	Coimbatore Institute of Technology	Student
24	YUVAN GOVINDAN	Coimbatore Institute of Technology	Student
25	SACHIN KUMAR V	Coimbatore Institute of Technology	Student
26	ARAVIND S	Coimbatore Institute of Technology	Student
27	JAGDEESH P	Coimbatore Institute of Technology	Student
28	SANATHAN R	Coimbatore Institute of Technology	Student
29	LOKESH G N	Coimbatore Institute of Technology	Student
30	CHANDRASEKHARA T V	Coimbatore Institute of Technology	Student
31	LABSHAN SIDDHARTH S S	Coimbatore Institute of Technology	Student

27	SRINATH	Coimbatore Institute of Technology	Student
28	SUBRAHMANIAN D	Coimbatore Institute of Technology	Student
29	SUBRAMANIAN	Coimbatore Institute of Technology	Student
30	SUBRANATHAN S	Coimbatore Institute of Technology	Student
31	SURESH	Coimbatore Institute of Technology	Student
32	SURESHMA Y	Coimbatore Institute of Technology	Student
33	SWAPNATA S	Coimbatore Institute of Technology	Student
34	SWAPNA S	Coimbatore Institute of Technology	Student
35	SWAPNAN SREE S	Coimbatore Institute of Technology	Student
36	SWAPNATA P	Coimbatore Institute of Technology	Student
37	SWANULU E	Coimbatore Institute of Technology	Student
38	SURANSHREE S	Coimbatore Institute of Technology	Student
39	SUJATA LADIPPA V S	Coimbatore Institute of Technology	Student
40	SURAVJIT KUMAR U	Coimbatore Institute of Technology	Student
41	SURINI L	Coimbatore Institute of Technology	Student
42	SURJITA S	Coimbatore Institute of Technology	Student
43	SURSHAS S	Coimbatore Institute of Technology	Student
44	SURUNA V S	Coimbatore Institute of Technology	Student
45	SURSHA P	Coimbatore Institute of Technology	Student
46	SURYA K P	Coimbatore Institute of Technology	Student
47	SURUNA J	Coimbatore Institute of Technology	Student
48	SURVASHY KUMAR	Coimbatore Institute of Technology	Student
49	SURASHA R	Coimbatore Institute of Technology	Student
50	SURSHA S	Coimbatore Institute of Technology	Student
51	SHABERUJULI M	Coimbatore Institute of Technology	Student
52	SHABRINA U	Coimbatore Institute of Technology	Student
53	SHABRINA S	Coimbatore Institute of Technology	Student
54	SHABRINHA S	Coimbatore Institute of Technology	Student
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69	SHABRINHA S	Coimbatore Institute of Technology	Student
70	SHABRINHA S	Coimbatore Institute of Technology	Student

70	INDUATHA	Coimbatore Institute of Technology	25,000
71	ISABDIN	Coimbatore Institute of Technology	25,000
72	JAYAKA	Coimbatore Institute of Technology	25,000
73	JAYESH JAYANTH	Coimbatore Institute of Technology	25,000
74	KANAKSHYAKAVI	Coimbatore Institute of Technology	25,000
75	KRISHNULAK	Coimbatore Institute of Technology	25,000
76	KRISHNA	Coimbatore Institute of Technology	25,000
77	SRINIVASAR	Coimbatore Institute of Technology	25,000



## Introduction

In the dynamic landscape of 2023, the Quantum Hackathon emerges as a beacon of innovation, where quantum computing takes center stage. This cutting-edge technology leverages the fascinating principles of quantum mechanics to tackle challenges that were previously deemed insurmountable by classical computers. Quantum computing's applications span a multitude of fields, from the forefront of Machine Learning, Circuit design, Computer Vision, and even the creative spheres of Music composition. Join us in this exciting quantum journey, where the limits of what's possible are continually redefined.

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### **Qiskit Fall Fest 2023**

The Qiskit Fall Fest, a global initiative, is a series of quantum computing gatherings hosted on university campuses worldwide during the autumn season. Each event is entirely student-driven, with unwavering support from the dedicated IBM Quantum team. In the lead-up to these events, student leaders collaborate closely with IBM Quantum experts during the month of September to craft and organize their unique gatherings, which are then brought to life in October. These gatherings encompass a diverse range of activities, from technical hackathons to inclusive challenges tailored for beginners, all aimed at fostering the growth of quantum skills within local communities.

This year proudly marks the third annual Qiskit Fall Fest. An impressive milestone has been achieved, with over 15,000 students gaining hands-on experience with actual quantum computers through various Qiskit student events conducted over the past three years. In the 2023 event, we witnessed the collective efforts of more than 100 student organizers who orchestrated the festivities across 34 distinct locations, all primed to deliver a truly extraordinary experience.

### **CIT Quantum Challenge**

We had the honor of hosting the CIT Quantum Challenge 2023, as part of the prestigious Qiskit Fall Fest event, generously sponsored by IBM Quantum, for the third time in and around the Coimbatore region. Under the guidance of Dr. S. Manjula Gandhi and our dedicated team of student coordinators, we successfully orchestrated a knowledge-rich event. Brian Ingmanson, the Education Engagement Lead at IBM Quantum, provided invaluable support throughout the event.

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This two-week event was divided into distinct phases. The first week featured a series of offline sessions led by 12 expert speakers. These sessions covered a wide spectrum of topics, ranging from the fundamentals of quantum states and qubits to advanced subjects like Quantum algorithms. All session-related updates were made available on our Discord channel for participants to stay updated. This event became a quantum journey, where industry experts and students came together to share their knowledge, enriching the experience for all.

A notable highlight of the event was its inclusivity, as even individuals with no prior knowledge of quantum computing found it accessible and engaging. All challenges are also accessible on our discord channel, "CJT Quantum Challenge" providing a valuable resource for participants. The core challenge for participants was to solve those using Qiskit, the open-source quantum computing software development kit based on Python.

Following the sessions, we launched the challenge online that garnered nearly 50 registrations. The challenge was designed with multiple phases and checkpoints, allowing participants to interact with mentors for guidance or clarifications. Some of the intriguing titles included:

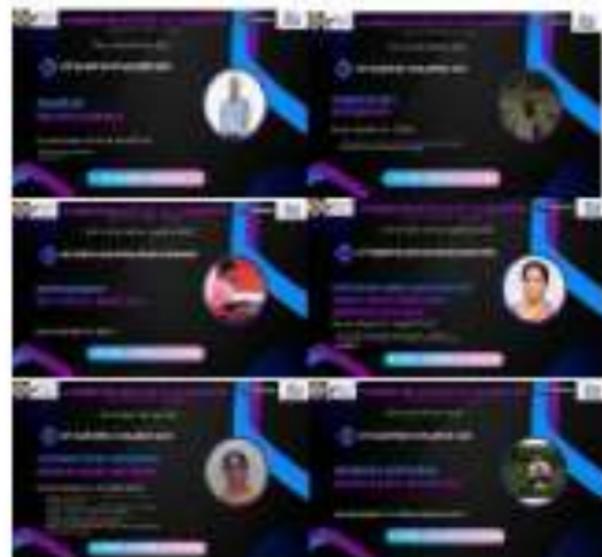
- Single and Multi-qubit gates
- Entanglement
- Quantum circuits

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This event truly exemplified the spirit of exploration and collaboration in the fascinating realm of quantum computing.

All the participants are provided with participation certificates and the winners are reported to the IBM Quantum on behalf of our location and they will receive prizes from IBM Quantum.

**Posters for the speakers:**





#### Certificate Sample



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## CIT Quantum Challenge 2023

### Overall Support

- Dr. S. Manjula Gandhi, Associate Professor, Department of Computing
- Dr. S. Gayathri Devi, Assistant Professor, Department of Computing
- Mr. Brian Ignaszak, Education Engagement Lead at IBM Quantum
- Ms. Sarana Godwin, Education Engagement Lead at IBM Quantum

### Overall Student Coordinators

- Mr. Mohamed Sinar M, M.Sc. Software Systems(9th Semester)
- Mr. Charizma S, M.Sc. Software Systems(9th Semester)
- Mr. Kamala PL, M.Sc. Software Systems(9th Semester)
- Ms. Ananya B, M.Sc. Software Systems(9th Semester)
- Ms. Varsha A, M.Sc. Software Systems(9th Semester)
- Ms. Akshaya D A, M.Sc. Software Systems(9th Semester)
- Mr. Ramanan S K, M.Sc. Software Systems(9th Semester)

## CIT QUANTUM CHALLENGE 2023 - Schedule

DATE	AM/PM	SPEAKER	TOPIC
26-10-2023	3.30 - 10.00	Inaugural	
	10:15 - 1.00 PM	Dr. S Manjula Gandhi	Constructing Reversible Circuits using IBM Qiskit
	AM 2.00 - 4.30	Mr. Anjay V	Working with Quantum Entanglement
27-10-2023	PM 6.15 - 10.45	Dr. S Gayathri Devi	Exploring IBMQ and How to crack Qiskit Developer Certification Exam
	11.10 - 12.45	Mr. K Vidhul Chinnadranthy	Deutsch's Algorithm, Deutsch Jozsa
	AM 2.00 - 4.45	Ms. M S Poorna Sri	Quantum Teleportation, Grover's Algorithm
30-10-2023	PM & AM	Mr. Kottayyanankut Durg	Quantum Machine Learning
31-10-2023	PM & AM	Mr. Kottayyanankut Durg	Quantum Machine Learning
01-11-2023	PM	Ms. V Rohini	Quantum Key Distribution
		Ms. D Smitha	Shor's Factoring Algorithm
	AM	Dr. Raghavendra	Quantum Finance

### Speakers

- Dr. S. Manjula Gandhi, Associate professor, CIT, IBM Qiskit Advocate & IBM Certified Associate Developer
- Dr. S. Gayathri Devi, Assistant professor, CIT, IBM Qiskit Advocate & IBM Certified Associate Developer

- 
- Mr. Karthi Ganesk Durai, Chief Quantum Architect, BosonQ Pvt
  - Dr. Raghavendra V. Ph.D., Computational Chemistry, Quantum Researcher
  - Mr. V. Rohini, IBM Quant Advocate, IBM Certified Associate Developer
  - Mr. V. Ajay, M.Sc. Software Systems Student, Coimbatore Institute of Technology
  - Mr. Madhan Chakkiravarthy, M.Sc. Software Systems Student, Coimbatore Institute of Technology
  - Mr. M. S. Pooja Sini, M.Sc. Software Systems Student, Coimbatore Institute of Technology
  - Mr. B. Erizithi, M.Sc. Software Systems Student, Coimbatore Institute of Technology

#### Winners of CIT Quantum Hackathon 2023

1. Karthick Reekha S, Coimbatore Institute of Technology
2. Balaji Doraswamy, Coimbatore Institute of Technology
3. Jeeran N, Coimbatore Institute of Technology
4. James Titus, Kalsignmarkarunasidhi Institute of Technology
5. Raj Kishore S, Coimbatore Institute of Technology



COIMBATORE INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF COMPUTING



4th Year MSc Software Systems

2023-24



# NEXUS



## IoT EXPO

DATE: 29-11-24

TIME: 08:30 PM - 09:30 PM

VENUE: H-38 - 008

EVENT COORDINATORS

Dr. A. Anand

Dr. V. Anand



**Smart India Hackathon 2023**  
**Internal Department Hackathon Report**

**1. About the event**

Smart India Hackathon is a nationwide initiative to provide students with a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving.

SIH 2023 brings the next generation evolution by inclusion of new methodology to inculcate the culture of startup and innovation ecosystem in young minds, especially engineering students from across India.

An Internal Hackathon for selecting teams for Smart India Hackathon-2023 was conducted on 25th September, 2023 in the Department of Computing, Coimbatore Institute of Technology from 10PM, Coimbatore. Totaly 68 teams participated from four different institutes of Integrated MSc degree programme. The team were as follows.

- MSc Software systems – 19 teams

There were a total of 3 panels with 2 jury members for each panel, one expert from industry and one internal faculty member who awarded marks. Top 2 teams were selected.

**2. Photos of event organized**



**3. Picture of the participating team:**  
**Software Systems**



#### 4. Judging Process

Internal jury and external jury evaluated the teams for 200 marks based on criteria such as problem understanding, algorithm proposed, innovativeness of the proposed algorithm, feasibility of prototype development and presentation of the idea.

#### 5. Jury Panel Photos and relevant details

##### Software Systems

Internal Jury	External Jury	Photos
<p data-bbox="221 879 358 958"> <b>Ms V. Shashi</b>                      Assistant Professor,                      Computing                      Software Systems                 </p>	<p data-bbox="493 879 615 923"> <b>Mr Rulhasn,</b>                      SDC, Quinby                 </p>	

<p>Dr Umesh R. Associate Professor, Computing Sciences and Computing Sciences</p>	<p>Mr Rahul Gonda, Software Engineer in Oracle</p>	
<p>Dr M. Srinivas Assistant Professor, Computing -Data Science</p>	<p>Mr Samuel Naveen, Healthcare Data Analyst, DXL Health</p>	

#### k. Nominated top teams

##### Software Systems

**Team Title** -Using existing CCTV network for crowd management, crime prevention, and work monitoring using AI/ML

Team	Name	Gender (M/F)	Email Id	Mobile No	Stream (M)	Year
Leader	Drakshid K.	M	<a href="mailto:drakshidk@ecampus.utd.edu">drakshidk@ecampus.utd.edu</a>	7708112234	Green System stream	M.Sc (2021) – (II) Year
MEMBER	Dhejith Roshan G G	M	<a href="mailto:dhejithr@ecampus.utd.edu">dhejithr@ecampus.utd.edu</a>	9499471949		
	Touq S R	M	<a href="mailto:touqs@ecampus.utd.edu">touqs@ecampus.utd.edu</a>	8870221200		
	Lakshmi R J	M	<a href="mailto:lakshmir@ecampus.utd.edu">lakshmir@ecampus.utd.edu</a>	657073866		

	Member 6	M	<a href="mailto:71762231322@jct.edu.in">71762231322@jct.edu.in</a>	596595959		
	Member 7	F	<a href="mailto:71762231322@jct.edu.in">71762231322@jct.edu.in</a>	596422329		
Team Title P3 ID : 04 - 106						
P3 TITLE : Online Blockchain based certificate generation						
Leader	ADARSH S	M	<a href="mailto:71762231322@jct.edu.in">71762231322@jct.edu.in</a>	596595959	BLOCKCHAIN BY AND CYBER SECURITY	M.SC (CS) - 3 Year
Member	ANUSRAHA S	F	<a href="mailto:71762231322@jct.edu.in">71762231322@jct.edu.in</a>	596522322		
	ARUL S	M	<a href="mailto:71762231322@jct.edu.in">71762231322@jct.edu.in</a>	594234818		
	CHANDESWAR RAJIV	M	<a href="mailto:71762231322@jct.edu.in">71762231322@jct.edu.in</a>	514521027		
	SIDDARTH	M	<a href="mailto:71762231322@jct.edu.in">71762231322@jct.edu.in</a>	592553190		
	SHREYA S	F	<a href="mailto:71762231322@jct.edu.in">71762231322@jct.edu.in</a>	527430028		





8. News article if any.

10. Twitter/FB/LinkedIn link for the event organized and promoted on your social media

11. Use of hashtags such as #sit5020 #smartindia/education3020 is a must.

12. Tag official page of Innovation cell, ministry of education on twitter

COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE

DEPARTMENT OF COMPUTING – SOFTWARE SYSTEMS

ORGANIZED

Five Day Faculty Development Programme

on

“AI for Enhanced Cybersecurity in Smart Devices and IoT Environments”

11.03.2024 to 15.03.2024

## REPORT

1. FDP Pamphlet
2. Session Details with Resource Persons
3. Participants List
4. Screen Shots
5. Certificate Copy

**COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE**

**DEPARTMENT OF COMPUTING – SOFTWARE SYSTEMS**

**ORGANIZED**

**Five Day Online Faculty Development Programme**

**on**

**"AI for Enhanced Cybersecurity in Smart Devices and IoT Environments"**

**11.03.2024 to 15.03.2024**

**(10:00am to 12:00noon and 2:00pm to 4:00pm)**

**SUMMARY**

**Registered and attended**

External : 49

Internal : 24

Total : 73

**Resource Persons: (10 sessions)**

1. Dr. Mohammed Usama Tabish  
Lead Senior Lecturer & Certified Ethical Hacker  
Pulsarem, Bengaluru

2. Dr. Sreyas K. Vail  
Associate Professor, Electronics and Communication Engineering, School of Engineering  
Amrita Vishva Vidyapeetham  
Coimbatore

3. Dr. Ashish Kumar Mishra  
Founder and CEO  
KRTS/CS, Cyber Resilience Services Pvt. Ltd.  
Madurai

4. Dr. A. Anil Sheela  
Chairman  
ABB Group of Companies, Chennai

5. Dr. G. Prakash  
Associate Professor & Cyber Security Consultant  
Vellore Institute of Technology, Vellore

6. Dr. T. P. Sheeja Deepa  
Professor  
Vellore Institute of Technology, Vellore

7. Dr. K. Anagayandaram  
Principal Technical Services, Koka  
Bengaluru

## ABOUT THE INSTITUTE

Commerce Institute of Technology (CIT) started in 1984 by M. S. Narayanaiah has been functioning as a premier institute in engineering and technology. It is a government aided autonomous Institute situated in the District of Chittoor. The Institute has a reputation for a series of seminars, workshops, faculty and administrative staff to be highly qualified and dynamic management to be highly qualified in engineering, research and development. CIT offers under graduate, post graduate and diploma programmes with a pass standard curriculum preparing the students to various management. The institute has collaboration with leading foreign educational institutions to take and attend for the transfer of technical degree and diplomas.

## ABOUT THE DEPARTMENT

The Department of Computing - Software Systems established in 1988, the beginning of the era of IT Revolution in providing Computer Science Education, has since then one of the most vibrant departments in CIT. The Department caters to a host of students in the field of higher education in the form of its department's strong and professional academic assistance. The department issues a vast of experimental faculty members who are devoted in their respective fields. And in the name of the Department to be always there for all its members. Besides that a solid curriculum, practical experience, and industry link are also provided in the all courses. Various projects are being done and by using computer and experimental about the area.

## DEPT. FACULTY

DR. S. SUDHAKAR  
Professor  
with various courses.

## FUTURE

DR. S. ANANDASUBRAMANIAM  
Professor  
with various courses.

DR. S. RAJESWARAN  
Associate Professor with various courses.

DR. C. SUDHAKAR  
Senior IT Instructor, Courses.

## RESEARCH

DR. S. RAJESWARAN  
Inventor  
Commerce Institute of Technology

## CONFERENCES

DR. S. RAJESWARAN  
Member, Department of Computing and Software and Health - Software System  
Commerce Institute of Technology

## DEPT. ASSISTANTS

DR. S. ANANDASUBRAMANIAM  
Associate Professor, Computing (II)

DR. C. SUDHAKAR  
Associate Professor, Computing (II)

DR. A. S. RAJESWARAN  
Senior Professor, Computing (II)

DR. V. SUDHAKAR  
Senior Professor, Computing (II)

## Event (2nd Edition)

## Faculty Development Programme (2023)

on

## AI FOR ENHANCED OVERSIGHTS ON SMART DEVICES AND IoT ENVIRONMENTS

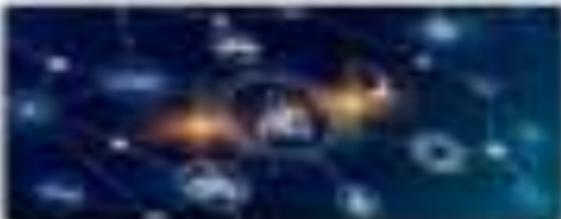
11.08.2023 TO 14.08.2023



Organized by  
Department of Computing  
Software Systems



Commerce Institute of Technology  
Kondamraju Peta,  
Maddur Taluk, Chittoor District  
Tel: 0844873000  
Website: [www.cit.ac.in](http://www.cit.ac.in)



### OBJECTIVES OF THE COURSE

The main objective of the one-day security awareness programme aimed at an enhanced cybersecurity of smart buildings and environments is to equip teams, managers and students worldwide and also in learning common language amongst in their cybersecurity awareness with the aim of solidifying and maintaining through an awareness through the program. Participants will get a comprehensive understanding of important cybersecurity concepts including cloud security, security awareness, security prevention and the digital intelligence based security for smart buildings and IoT systems.

### TOPICS TO BE COVERED

- 1) Introduction to IoT, Cybersecurity and IoT-Security Strategy
- 2) Cloud-based Security Solutions
- 3) Behavioral Analysis of Smart Building
- 4) Cloud in Cybersecurity
- 5) Future Trends and Research Directions in IoT Security

### AGENDA

The IOT is open to all Research scholars, Post-graduates students & industry students working in related areas or interested in engineering, design, and smart devices, management, healthcare and security professionals.

### FEATURES

- Seminar will be held on free basis for all the team
- Certificate to each participant who will be participating, attendance and submission of research if necessary.

### SEMINAR PARTICIPATION

- All smart building & related teams are encouraged to attend
- All participants should arrive their school/department in an uniform
- Incentives will be provided to those who participate actively and other details will be shared in the attached certificate regarding the IOT. Just the program email submission to the organizers team.

### CONTACT

Dr. A. Lakshmi, Assistant Professor, Computing Centre, Anna University, Chennai-600030

Dr. S. Mani, Asst. Professor, Computing Centre, Anna University, Chennai-600030

## AI FOR ENHANCED CYBERSECURITY IN SMART DEVICES AND IOT ENVIRONMENTS

### PROGRAM INFO

Participants interested in smart city program should register on line with the IOT given below.

https://www.annauniv.edu/aiot2023



### CONTACT DETAILS

AIOT2023@annauniv.edu, Anna University, Chennai-600030

Research Centre, Anna University, Chennai-600030

Use data for Registration: 044-26194114

- Data of interested in seminar should send

### FOR MORE INFORMATION

Contact Name: Mani, Dr. S. Mani, Anna University

Phone: 044-26194114

Contact Number: 044-26194114

Event: AIOT2023

UIC Code: 180400017

## five day Faculty Development programme

on

### "AI for enhanced cybersecurity in smart devices and IoT environments"

Date / Time	08:00 AM to 09:00 AM	09:00 AM to 05:00 PM
08.08.2025 (Thu)	<p style="text-align: center;"><b>Session 1</b> Introduction to Cybersecurity and Smart Device Systems Dr. Anandharaj Sankar, Assistant Professor, School of Cyber Security, SRM Institute of Science and Technology, Chennai, India</p>	<p style="text-align: center;"><b>Session 2</b> Advanced Topics in AI for Cybersecurity: Deep Learning Models and Threat Detection Dr. A. P. Anandharaj, Assistant Professor, School of Cyber Security, SRM Institute of Science and Technology, Chennai, India</p>
08.08.2025 (Thu)	<p style="text-align: center;"><b>Session 3</b> AI-powered Threat Detection and Incident Response Dr. Anandharaj Sankar, Assistant Professor, School of Cyber Security, SRM Institute of Science and Technology, Chennai, India</p>	<p style="text-align: center;"><b>Session 3</b> The Evolution of AI-powered Cybersecurity: From Traditional to Modern Threat Detection and Incident Response Dr. Anandharaj Sankar, Assistant Professor, School of Cyber Security, SRM Institute of Science and Technology, Chennai, India</p>
08.08.2025 (Thu)	<p style="text-align: center;"><b>Session 4</b> Advancements in Digital Forensics Techniques: Leveraging AI for Investigation and Analysis in Cyber Crime Dr. Anandharaj Sankar, Assistant Professor, School of Cyber Security, SRM Institute of Science and Technology, Chennai, India</p>	<p style="text-align: center;"><b>Session 4</b> Building AI Tools for Cybersecurity: Strategies and Implementation Dr. Anandharaj Sankar, Assistant Professor, School of Cyber Security, SRM Institute of Science and Technology, Chennai, India</p>
08.08.2025 (Thu)	<p style="text-align: center;"><b>Session 5</b> AI in Ethical Hacking: Smart Attacks and Defense Mechanisms Dr. Anandharaj Sankar, Assistant Professor, School of Cyber Security, SRM Institute of Science and Technology, Chennai, India</p>	<p style="text-align: center;"><b>Session 5</b> Building AI-powered Tools for Smart Attacks and Defense Mechanisms Dr. Anandharaj Sankar, Assistant Professor, School of Cyber Security, SRM Institute of Science and Technology, Chennai, India</p>
08.08.2025 (Thu)	<p style="text-align: center;"><b>Session 6</b> Future Trends and Challenges in AI for Cybersecurity and Smart Device Systems Dr. Anandharaj Sankar, Assistant Professor, School of Cyber Security, SRM Institute of Science and Technology, Chennai, India</p>	<p style="text-align: center;"><b>Session 6</b> The Integration of Cybersecurity and AI in Telecommunication and IT Industry Institutions Dr. Anandharaj Sankar, Assistant Professor, School of Cyber Security, SRM Institute of Science and Technology, Chennai, India</p>

This screenshot shows a Zoom meeting interface. The main video feed displays a man with glasses and a beard, wearing a white shirt and a dark tie. To the right of the video feed is a gallery view showing three other participants. Further right is a chat window with a search bar and a list of messages. At the bottom of the Zoom window, there is a toolbar with various icons for muting, video, chat, and other functions. The Windows taskbar is visible at the very bottom of the screen.

This screenshot shows a Zoom meeting interface where a presentation slide is being displayed. The slide is titled "Data Expector Unit" and features a table with several columns and rows of data. To the right of the slide is a gallery view showing three other participants. Further right is a chat window with a search bar and a list of messages. At the bottom of the Zoom window, there is a toolbar with various icons for muting, video, chat, and other functions. The Windows taskbar is visible at the very bottom of the screen.

Unit	Year	Value	Value	Value	Value
Unit 1	2018	100	100	100	100
Unit 1	2019	100	100	100	100
Unit 1	2020	100	100	100	100
Unit 1	2021	100	100	100	100
Unit 1	2022	100	100	100	100
Unit 1	2023	100	100	100	100
Unit 1	2024	100	100	100	100
Unit 1	2025	100	100	100	100
Unit 1	2026	100	100	100	100
Unit 1	2027	100	100	100	100
Unit 1	2028	100	100	100	100
Unit 1	2029	100	100	100	100
Unit 1	2030	100	100	100	100
Unit 1	2031	100	100	100	100
Unit 1	2032	100	100	100	100
Unit 1	2033	100	100	100	100
Unit 1	2034	100	100	100	100
Unit 1	2035	100	100	100	100
Unit 1	2036	100	100	100	100
Unit 1	2037	100	100	100	100
Unit 1	2038	100	100	100	100
Unit 1	2039	100	100	100	100
Unit 1	2040	100	100	100	100
Unit 1	2041	100	100	100	100
Unit 1	2042	100	100	100	100
Unit 1	2043	100	100	100	100
Unit 1	2044	100	100	100	100
Unit 1	2045	100	100	100	100
Unit 1	2046	100	100	100	100
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Unit 1	2058	100	100	100	100
Unit 1	2059	100	100	100	100
Unit 1	2060	100	100	100	100
Unit 1	2061	100	100	100	100
Unit 1	2062	100	100	100	100
Unit 1	2063	100	100	100	100
Unit 1	2064	100	100	100	100
Unit 1	2065	100	100	100	100
Unit 1	2066	100	100	100	100
Unit 1	2067	100	100	100	100
Unit 1	2068	100	100	100	100
Unit 1	2069	100	100	100	100
Unit 1	2070	100	100	100	100
Unit 1	2071	100	100	100	100
Unit 1	2072	100	100	100	100
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Unit 1	2076	100	100	100	100
Unit 1	2077	100	100	100	100
Unit 1	2078	100	100	100	100
Unit 1	2079	100	100	100	100
Unit 1	2080	100	100	100	100
Unit 1	2081	100	100	100	100
Unit 1	2082	100	100	100	100
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Unit 1	2092	100	100	100	100
Unit 1	2093	100	100	100	100
Unit 1	2094	100	100	100	100
Unit 1	2095	100	100	100	100
Unit 1	2096	100	100	100	100
Unit 1	2097	100	100	100	100
Unit 1	2098	100	100	100	100
Unit 1	2099	100	100	100	100
Unit 1	2100	100	100	100	100



This screenshot shows a Zoom meeting in progress. The main content area displays a slide titled "Geek!bet hood" which features a screenshot of a web application interface. The interface includes a header with a logo and navigation links, and a main content area with several sections of text and icons. To the right of the main content is a Zoom sidebar with a "People" panel listing participants: "You" (host), "Geek!bet hood", "Geek!bet hood", "Geek!bet hood", and "Geek!bet hood". The Zoom control bar at the bottom shows various icons for muting, video, chat, and other meeting functions.

This screenshot shows a Zoom meeting in progress. The main content area displays a slide titled "Exploration of the Cyber Security" with the subtitle "Exploration of the Cyber Security". The slide content includes a list of bullet points: "Exploration of the Cyber Security", "Exploration of the Cyber Security", "Exploration of the Cyber Security", and "Exploration of the Cyber Security". To the right of the main content is a Zoom sidebar with a "People" panel listing participants: "You" (host), "Geek!bet hood", and "Geek!bet hood". The Zoom control bar at the bottom shows various icons for muting, video, chat, and other meeting functions.





This screenshot shows a Zoom meeting interface. The main window displays a document with a line graph. The graph has a white background with a blue line showing a peak. The document text is partially visible but mostly obscured by the graph. To the right of the main window is a sidebar with three participant thumbnails: a globe icon, a person icon, and a person icon with a purple background. Below the main window is a control bar with various icons for muting, video, chat, and other functions. The Windows taskbar is visible at the bottom of the screen.

This screenshot shows a Zoom meeting interface. The main window displays a certificate from the Government of Karnataka. The certificate is yellow and white with a red border. It features the state emblem of Karnataka at the top and a central logo. The text on the certificate is in Kannada. To the right of the main window is a sidebar with three participant thumbnails: a person icon, a person icon, and a person icon. Below the main window is a control bar with various icons for muting, video, chat, and other functions. The Windows taskbar is visible at the bottom of the screen.



### Five Day Faculty Development Programme

on

"AI for Enhanced Cybersecurity in smart devices and IoT environments"

#### LIST OF PARTICIPANTS

S.No.	Name	Institution	Institution Place	Age	Telephone No.	%
1	Dr. S. S. S. S. S.	SRMIST	Chennai	45	9840000000	100
2	Dr. S. S. S. S.	SRMIST	Chennai	45	9840000000	100
3	Dr. S. S. S. S.	SRMIST	Chennai	45	9840000000	100
4	Dr. S. S. S. S.	SRMIST	Chennai	45	9840000000	100
5	Dr. S. S. S. S.	SRMIST	Chennai	45	9840000000	100
6	Dr. S. S. S. S.	SRMIST	Chennai	45	9840000000	100
7	Dr. S. S. S. S.	SRMIST	Chennai	45	9840000000	100
8	Dr. S. S. S. S.	SRMIST	Chennai	45	9840000000	100
9	Dr. S. S. S. S.	SRMIST	Chennai	45	9840000000	100
10	Dr. S. S. S. S.	SRMIST	Chennai	45	9840000000	100
11	Dr. S. S. S. S.	SRMIST	Chennai	45	9840000000	100
12	Dr. S. S. S. S.	SRMIST	Chennai	45	9840000000	100

14	V. S. KRISHNA MURTHY	1987-1988	RAJIV GANDHI ENGINEERING COLLEGE, TIRUPATI	198	1976-1982	198
15	VENKATRAJ	1988-1989	GOVERNMENT ARTS COLLEGE COY, 1987-1988	199	1976-1982	199
16	VINAYAKAM	1988-1989	GOVERNMENT ENGINEERING COLLEGE, ADONI ROAD	198	1976-1982	198
16	VINAY	1988-1989	GOVERNMENT ENGINEERING COLLEGE, TECHNOLOGY PARK	198	1976-1982	198
17	VINAYAK	1988-1989	GOVERNMENT ENGINEERING COLLEGE, MULLAYAPETA	198	1976-1982	198
18	VINAYAK RAO	1988-1989	GOVERNMENT ENGINEERING COLLEGE, ADONI	198	1976-1982	198
19	VINAYAKRAM RAO	1988-1989	GOVERNMENT ENGINEERING COLLEGE, ADONI	198	1976-1982	198
20	VINAYAK	1988-1989	GOVERNMENT ENGINEERING COLLEGE, ADONI	198	1976-1982	198
21	VINAYAK	1988-1989	GOVERNMENT ENGINEERING COLLEGE, ADONI	198	1976-1982	198
22	VINAY	1988-1989	GOVERNMENT ENGINEERING COLLEGE, ADONI	198	1976-1982	198
23	VINAYAK RAO	1988-1989	GOVERNMENT ENGINEERING COLLEGE, ADONI	198	1976-1982	198
24	VINAYAK RAO	1988-1989	GOVERNMENT ENGINEERING COLLEGE, ADONI	198	1976-1982	198
25	VINAYAK	1988-1989	GOVERNMENT ENGINEERING COLLEGE, ADONI	198	1976-1982	198
26	VINAYAK	1988-1989	GOVERNMENT ENGINEERING COLLEGE, ADONI	198	1976-1982	198
27	VINAYAK RAO	1988-1989	GOVERNMENT ENGINEERING COLLEGE, ADONI	198	1976-1982	198
28	VINAYAK	1988-1989	GOVERNMENT ENGINEERING COLLEGE, ADONI	198	1976-1982	198
29	VINAYAK	1988-1989	GOVERNMENT ENGINEERING COLLEGE, ADONI	198	1976-1982	198





60	Dr. Suresh Kumar B	ASSISTANT PROFESSOR	CONV. TO BE SARVAKALYA	HMTU, UO INSTITUTE OF TECHNOLOGY	60		
61	Dr. T. Suresh Babu	ASSISTANT PROFESSOR	CONV. TO BE SARVAKALYA	HMTU, UO INSTITUTE OF TECHNOLOGY	60		
62	Dr. C. Suresh Babu	ASSISTANT PROFESSOR	CONV. TO BE SARVAKALYA	HMTU, UO INSTITUTE OF TECHNOLOGY	60		
63	Dr. S. Suresh Babu	ASSISTANT PROFESSOR	CONV. TO BE SARVAKALYA	HMTU, UO INSTITUTE OF TECHNOLOGY	60		
64	Dr. S. Suresh Babu	ASSISTANT PROFESSOR	CONV. TO BE SARVAKALYA	HMTU, UO INSTITUTE OF TECHNOLOGY	60		
65	Dr. Suresh Babu	ASSISTANT PROFESSOR	CONV. TO BE SARVAKALYA	HMTU, UO INSTITUTE OF TECHNOLOGY	60		
66	Dr. Suresh Babu	ASSISTANT PROFESSOR	CONV. TO BE SARVAKALYA	HMTU, UO INSTITUTE OF TECHNOLOGY	60		
67	Dr. Suresh Babu	ASSISTANT PROFESSOR	CONV. TO BE SARVAKALYA	HMTU, UO INSTITUTE OF TECHNOLOGY	60		
68	Dr. Suresh Babu	ASSISTANT PROFESSOR	CONV. TO BE SARVAKALYA	HMTU, UO INSTITUTE OF TECHNOLOGY	60		
69	Dr. Suresh Babu	ASSISTANT PROFESSOR	CONV. TO BE SARVAKALYA	HMTU, UO INSTITUTE OF TECHNOLOGY	60		



UNIVERSITY OF TECHNOLOGY  
COMMUNITY COLLEGE  
CERAMIC ENGINEERING  
CERAMIC ENGINEERING DEPARTMENT

## CERTIFICATE OF PARTICIPATION

This Certificate is presented to:

**Dr. A. H. ABDULKAZEM**

Associate Professor - Department of Ceramic Engineering - University of Technology  
Ceramic Engineering College, Al-Diwaniya

for being participated in the Faculty of Ceramic Engineering Department Program on "Workshop on Ceramic Engineering in Great Success and All Encouragements" organized by the Department of Ceramic Engineering, University of Technology, Iraq, from March 11, 2020 to March 15, 2020.

  
Dr. A. H. Abdulkazem  
ICP Coordinator

  
Dr. S. Sabir Mulla  
Dean  
Ceramic Engineering

  
Dr. A. H. Abdulkazem  
Professor



**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF MANAGEMENT STUDIES**  
**MANAGEMENT DEVELOPMENT PROGRAMME REPORT**

22.3.2024

**MDP ON EXPLORING ENTREPRENEURIAL OPPORTUNITIES & START-UP**

**AVENUES**

**About CIT:**

The V. Ranganatha Naidu Educational Trust devoted to the cause of promoting technical and scientific literacy, established Coimbatore Institute of Technology (CIT) in Coimbatore, Tamil Nadu, South India in 1956. CIT is one of the most reputed and progressive educational institutions in India. The Institute backed by World Class research and development over the years attained autonomous status in 1987.

The mission of CIT is to "Impart high quality education and training to its students to make them World-Class Engineers with a foresight in the changes and problems, and pioneer to offer innovative solutions to benefit the nation and the world at large".

- ✓ Aiding Social Advance from through Technologies
- ✓ Up-to-Date Course Content

The Institute strives to inculcate a sound knowledge in engineering along with trained social responsibilities to enable its students to combat the current and impending challenges faced by our country and to extend their expertise to the global arena.

- ✓ Online Remote Learning
- ✓ Lifetime Access for Learning

CIT offers 8 Under Graduate Academic Programmes, 8 Post Graduate Academic Programmes, 4 Five Year Integrated M.Sc. Programmes in addition to Ph.D. Research Programmes. As part of the invaluable service rendered to the society by V. Ranganatha Educational Trust, the CIT Sandwich Polytechnic College was started in 1961. Presently, 4 Engineering Diploma Programmes are offered by the polytechnic in various engineering disciplines.

The Institute boasts of strong academic-industrial interaction and a high quality of research and consultancy. CIT, managed by a pedigree lineage for the past 69 years, enjoys national repute. The Institute has the services of competent qualified faculty, and visionary management to enhance the quality of education at all levels and sustain its position in emerging global scenario.

**About DOMS:**

The Department of Management Studies at CIT was established in the academic year 2021-22 with a vision to develop MBA graduates with multi-disciplinary skills to compete in the

global business arena. The MBA program at CEI is aimed to have the professional skills required for increasingly complex and dynamic management career requirements. The Fourth Industrial Revolution and the disruptive power of technology are much evident in all fields. It is imperative that the future generation of management leaders is proficient with technologies, business administration, best practices and managerial skills to face the technology driven work environment. In view of the global demands, the Department strives to develop and empower MBA graduates with techno-managerial skills. The Department is backed by a brand name spanning over six decades is the *Sold of Engineering Education*, faculty with excellent subject expertise and state-of-the-art infrastructure. The Department offers specializations in the domains of Business Analytics, Financial Management, Marketing Management, Human Resource Management, Operations Management and Information Systems Management. It is committed to implement innovative and contemporary pedagogy to compete in the diverse business environment. The curriculum aims to instill practical skills through Live Projects, Comprehensive News Analysis, Debates, Case Analysis, Executive Presentations, Team Projects, Entrepreneurship Activities, Management Games, Design Thinking Workshops, Company Visits, Industry Expert Talks, Mentoring and Business Simulation Exercises. The uniqueness of this program lies in its industry relevant concepts and novel practices to integrate modern management with data driven decision making capabilities.

The Department of Management Studies at Coimbatore Institute of Technology endeavors to be a School of Management to nurture highly capable, engaged and ethical leaders with a flair to create dynamic, positive changes in the world of Business and Society.

The Mission of the Department of Management Studies is to:

- ✓ Develop graduates with new-age management perspectives, skills & business strategies with ethical implications.
- ✓ Empower the MBA graduates with techno-managerial skills to optimize resources, leverage technology and business intelligence.

The objective of the Department of Management Studies is to lay the foundation to acquire skills by using analytical tools for problem solving and decision making in a competitive business environment.

#### **Key Highlights of DOMS:**

- ✓ The Department offers 6 specializations such as Finance, Marketing, Human Resources, Operations, Systems and Business Analytics.
- ✓ DOMS has conducted numerous guest lectures, workshops, industry visits and other industry collaborations.
- ✓ DOMS offers updated industry relevant curriculum right from its inception.
- ✓ DOMS has achieved 100% placement.

✓ DOMS has highly qualified faculty members with Doctorate and having over 200 years of experience collectively.

✓ Students have received many awards and prizes in various renowned institutions.

✓ Students with top scores in JAMCET exam alone will get admitted in DOMS +CET.

✓ DOMS offers world class environment for teaching-learning process.

✓ DOMS conducts **Vignaan – a Marketing event** every year for the MBA students to gain practical exposure.

✓ In DOMS, students from diverse backgrounds and considerable work experience are getting admitted every year who add great value to their peer groups.

### Introduction of the MDP:

Entrepreneurship is a journey filled with innovation, risk-taking and the pursuit of new horizons. However, the skills, insights and tenacity cultivated during the entrepreneurial journey can open doors to a multitude of opportunities beyond traditional startups. The MDP is designed to provide a brief overview of start-up opportunities in the selected emerging sectors like Electric Vehicles, Artificial Intelligence, Digital Marketing and Defense Sector in the current market landscape. It is also aimed at focusing on the importance of entrepreneurship in driving innovation and growth in these sectors. The MDP also aims in exploring some existing systems for startup funding.

### Brochure:

<p><b>Entrepreneurship Management Development Programme (EMDP)</b> on <b>Exploring Entrepreneurial Opportunities &amp; Start-Up Avenues</b></p>  <p>Organized by <b>SRMIST</b></p>  <p>COORANBEE PART II OF TECHNOLOGY JAMNAGAR, GUJARAT-382015</p>	<p><b>REGISTRATION FORM</b></p> <p>For more information, visit the SRMIST website: <a href="http://www.srmist.ac.in">www.srmist.ac.in</a></p> <p><a href="http://www.srmist.ac.in/EMDP">http://www.srmist.ac.in/EMDP</a></p>  <p><b>IMPORTANT DETAILS</b></p> <p>Registration fee: ₹ 200 Application form: ₹ 50 Module fee: ₹ 1000 (for 1000 hrs. course) Book fee: ₹ 500 Registration fee: ₹ 1000 (for 1000 hrs. course) Course duration: 10 weeks For more information visit <a href="http://www.srmist.ac.in">www.srmist.ac.in</a></p> <p><b>FOR MORE INFORMATION VISIT</b> <a href="http://www.srmist.ac.in">www.srmist.ac.in</a></p> <p><b>Dr. S. Sankar Prasad</b> (Coordinator) SRMIST JAMNAGAR</p> <p><b>Dr. S. Sankar Prasad</b> (Coordinator) SRMIST JAMNAGAR</p>	<p><b>RESOURCE PERSONS:</b></p> <p>Dr. S. Sankar Prasad, SRMIST, the leading Entrepreneurship and business incubation Institute, India.</p> <p><b>TARGET AUDIENCE:</b></p> <ul style="list-style-type: none"> <li>Aspiring entrepreneurs, newly students, business students, business leaders</li> <li>Business students, students, start-up entrepreneurs, researchers</li> </ul> <p>• Participants should have a degree in any discipline.</p> <p><b>REGISTRATION FEE:</b></p> <ul style="list-style-type: none"> <li>₹ 2000 per day with a duration of 10 weeks course.</li> <li>The fee will be included through SRMIST module fee every week &amp; there before the actual start of the course.</li> <li>All students will be awarded an EMDP certificate.</li> <li>Each one listed on the certificate will receive a certificate of participation for every day.</li> <li>The attendees of the MDP will receive certificate with their names on the day and attendance register of all the participants.</li> <li>The completion of the programme will be awarded.</li> </ul> <p><b>FINANCIAL TRAVEL:</b></p> <ul style="list-style-type: none"> <li>₹ 10000 (₹ 1000 per 10 days)</li> <li>₹ 10000 (₹ 1000 per 10 days)</li> </ul>
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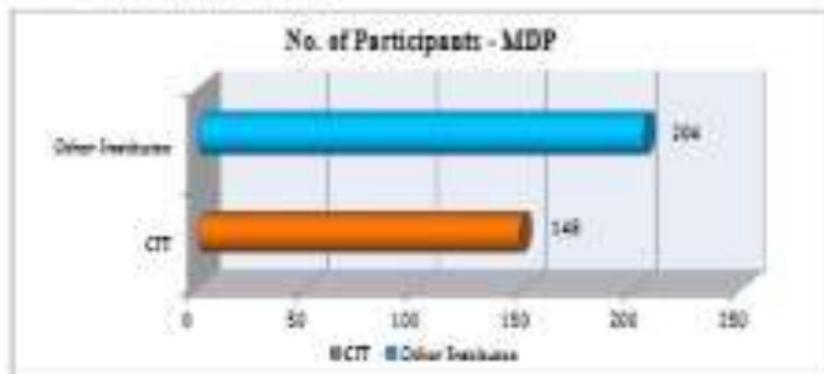


**List of Speakers:**

Date (Day)	Forenoon		Afternoon
	11:00 am - 1:30 pm		03:30 pm - 04:30 pm
29.02.2024 (Thursday)	Inaugural Session	<b>Creativity and Job Makers</b> <b>Dr. N. Parakkumbath</b> Formerly Vice-Chancellor TIF Teachers Education University Registrar, Annamalai University Head, Business School, Annamalai University	<b>Technology is 300<sup>+</sup> - Trends and opportunities in business and startups</b> <b>Dr. Vallabhan Ramani</b> Professor & Head - AI & DS, Coordinator Institute of Technology, Coimbatore
01.03.2024 (Friday)		<b>The AI Goldrush: Seizing Startup Opportunities in the Era of Artificial Intelligence</b> <b>Mr. Navarathnalingam</b> CEO - Fluorine Labs Private Limited Coimbatore	<b>Funding Avenues for Startups</b> <b>Mr. Karthikeyan Jewahar</b> Director - Karma Innovations & Solutions Part-End Founder and CTO/Manager Financial Wellness Forum, Coimbatore
02.03.2024 (Saturday)	<b>Business Opportunities in Defence Sector</b> <b>Rear Admiral VM Doss</b> AFSB, VSOI (Retd) Former Assistant Chief of Naval Staff (AFS) Director - Defence Programs, IISCI		<b>AI &amp; Future of Digital Marketing</b> <b>Mr. U. Patar Sabaya Raj</b> MD & CEO, Indigenous Fashion, Chennai
03.03.2024 (Sunday)	<b>Entrepreneur Avenues and Funding Opportunities</b> <b>Mr. Arvind Subramaniam</b> Co-Founder, Enlighten Angel Funds, Chennai		<b>ICV V. Electric Vehicle Validation and Pre Homologation Testing</b> <b>Mr. A. Sasi Kumar</b> Head - Development Vehicle Development, Validation Ajay Automotives P. Ltd., Coimbatore
04.03.2024 (Monday)	<b>Exploring the Intersection of Ethics and Entrepreneurship: Strategies for Ethical Decision-Making and Social Impact</b> <b>Prof. Dr. Shyam H Kafali</b> Director & Business Consultant at Arava Auckland, New Zealand		<b>Digital Entrepreneurial Challenges</b> <b>Dr. K. C. Chandrasekar</b> Senior Professor Institute of Management in Kerala University of Kerala  <b>Validation</b>

**Participants of the MDP-352**

1. CII Participants - 148
2. Outside Participants - 204



LIST OF INSTITUTIONS PARTICIPATED IN THE MDP

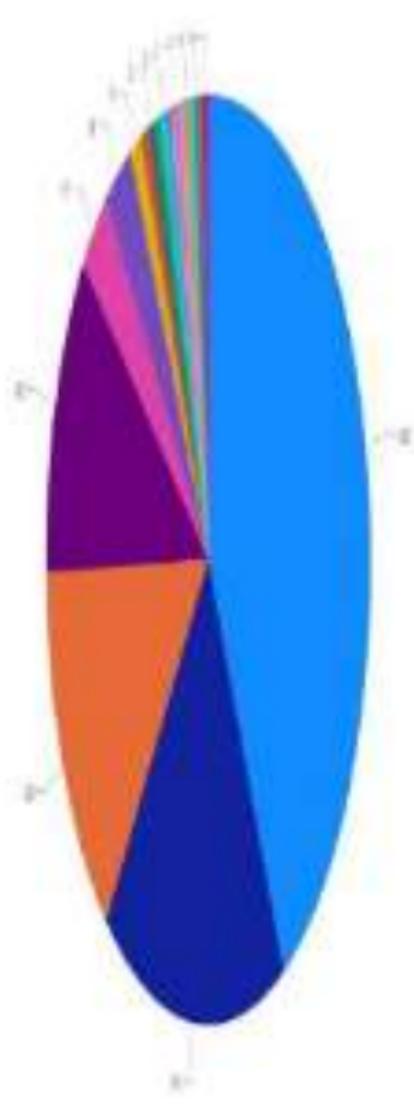
INSTITUTIONS

MTSRM

FORWARD INDUSTRIES

MTS AND SUTS PARTNERSHIP

MTS



S.No.	Name of the Institution	Count
1	AYYAPPA INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN	2
2	AE – AMES ENGINEERING COLLEGE ERODE	11
3	ANNA UNIVERSITY, CEG-GHIDDIY CAMPUS, CHENNAI	2
4	SRARATHAR UNIVERSITY	1
5	COIMBATORE INSTITUTE OF TECHNOLOGY	141
6	DI ACADEMY FOR MANAGERIAL EXCELLENCE	1
7	DR NGP INSTITUTE OF TECHNOLOGY, COIMBATORE	40
8	FANSHAWEE COLLEGE	1
9	VIT	1
10	TEJANANAK COLLEGE, VELACHERY, CHENNAI	1
11	HINDUSTAN COLLEGE OF ENGINEERING AND TECHNOLOGY	9
12	JANSONS SCHOOL OF BUSINESS, COIMBATORE	40
13	KONGU ENGINEERING COLLEGE	1
14	KSE COLLEGE OF ENGINEERING, THEUCHEGGODE	1
15	PSO COLLEGE OF ARTS AND SCIENCE, COIMBATORE	2
16	PANDIMALAR INSTITUTE OF TECHNOLOGY	1
17	PROPER SOLUTIONS (K. VADAMADURAI)	1
18	PROF KRISHNANMAL COLLEGE FOR WOMEN	10
19	RATHINAM SCHOOL OF BUSINESS AT TIPS GLOBAL	2
20	SONA COLLEGE OF TECHNOLOGY, SALEM	1
21	SONA SCHOOL OF MANAGEMENT, SALEM	1
22	SRI KRISHNA ARTS AND SCIENCE COLLEGE	1
23	SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY	4
24	UNIVERSITY COLLEGE OF ENGINEERING (R) CAMPUS, THERUCHIRAPPALLI	1
25	UNIVERSITY OF EAST LONDON	1
26	VIVEKANANDA COLLEGE OF ARTS AND SCIENCE FOR WOMEN, NARAYKAL	40
<b>TOTAL</b>		<b>312</b>

We have received more number of participants from renowned institutions namely Vivekananda College for Women, Theucchengode, DRNGP Institute of Technology, Coimbatore, Ansons School of Business, Coimbatore, Sri Krishna College of Engineering and Technology, Coimbatore. We also get international participants from University of East London.

### Inauguration of the MDP:

The Management Development Program (MDP) commenced on 29<sup>th</sup> February 2024 – Thursday, with a traditional start at 11:00 AM, marked by the **"Thasath Thasi Varthitha"** ceremony, symbolizing pride and cultural significance. The inauguration of the program began with the ceremonial lighting of the **"VIRTUAL KUTHUVILAKU,"** signifying the start of a new journey in professional development. Dr. K. Jayanthi, Associate Professor, Department of Management Studies, CII, led the inauguration proceedings and coordinated the event. Dr. M. Suresh, Professor and DRO, Department of Management Studies, CII, delivered the inauguration address, setting the tone for the program's objectives and goals. Dr. A. Rajeswari, Principal, CII, followed with a warm welcome address, highlighting the importance of the MDP and its impact on the participants.

Following the inauguration, Dr. S. Sathya Priya, with eloquence, introduced the honored guest, Dr. N. Pancharathnam, former Vice-Chancellor of TNLU, highlighting his vast experience and remarkable achievements in the field of entrepreneurship. The inauguration ceremony set a positive and enthusiastic atmosphere for the MDP, emphasizing the collaboration between academia and industry to enhance managerial & entrepreneurial skills and knowledge.



## Day 1 – Session 1:

- **Resource Person:** Dr. N. Panchanathan
- **Profile & Affiliations:** Formerly Vice-Chancellor – TN Teachers Education University, Registrar – Annamalai University, Head – Business School, Annamalai University.
- **Topic:** Creativity and Job Makers
- **Date:** 29.1.2024
- **Time:** 11:00 AM – 1:00 PM

### Key Highlights of the Session:

Dr. Panchanathan began the first session of the MDP titled "Creativity And Job Makers," captivating the audience with real-life examples of successful entrepreneurs and emphasizing the crucial role of creativity in entrepreneurial endeavors. He shared anecdotes and insights, encouraging participants to think outside the box and unleash their creative potential. As part of the session, Dr. Panchanathan presented thought-provoking activities, including the famous "9 dots" puzzle, challenging participants to solve it with only four straight lines. This activity served as a metaphor for breaking conventional thinking patterns and embracing innovative solutions. Dr. Panchanathan emphasized the significance of continuous learning and personal development, encouraging participants to actively engage in Management Development Programs (MDPs) to nurture their skills and entrepreneurial spirit.

He illustrated his point with a Tamil Dharukural,

**"அகற்பொன்றத் தாங்கும் தீயம்பொருத் தந்தை  
இகற்பொருள் பொருத்தம் தலை".**

This means, like the bird that swallows the one who prides it, acknowledging oneself can be the foundation of self-worth.

Following the engaging Q&A session, Dr. S. Sathya Prinja and Dr. H. Jayanthi extended heartfelt gratitude to Dr. Panchanathan for his insightful presentation and his willingness to address the participants' queries comprehensively.

### Feedback of the Session:

With 111 voices gathered in the program, participants were asked about their experience.

[View](#)

11/01/2024

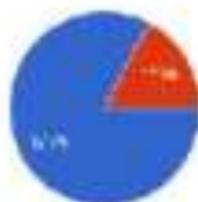


88%  
10%  
2%

Did you feel that the situation was (a) very difficult, (b) difficult, (c) not difficult?

100%

100%

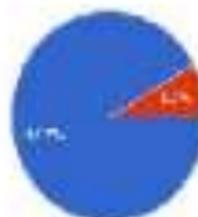


Very difficult  
Difficult  
Not difficult

Has the Special Economic Zone been effective in reducing the workload?

100%

100%



Very much improved/Not at all  
Slightly improved/Not at all  
Not at all improved/Not at all

How would you rate the results of the investment reforms during the GDP?

100%

100%



Good  
Not good  
Not  
Poor

Balance of investment results of the Special

100%

100%



Good  
Not good  
Not  
Poor

Continued



Majority of the participants felt that the topics covered in the program was relevant to their professional development needs, found the session more interactive, speaker was very much knowledgeable and effective in delivering the content, felt the presentations delivered during the program was of high quality, the topics were more relevant to the overall aim of the program and the session content was highly comprehensive.



## Day 1 – Session 2:

- **Resource Person:** Dr. Vallappan Ramani
- **Profile & Affiliation:** Professor and Head, Department of Artificial Intelligence and Data Science, Coimbatore Institute of Technology, Coimbatore.
- **Topic:** Technology in 2024 – Trends and Opportunities in Business and Startup
- **Date:** 24.2.2024
- **Time:** 2:30 PM – 4:30 PM

### Key Highlights of the Session:

The session started by welcoming our Thought Leader for the day, Dr. Vallappan Ramani by Dr.S.Thilaga, followed by the welcoming address from our Head of the Department, Dr. M. Senthil. Dr. Vallappan Ramani commenced the session with the ambitious goal of exploring every job and business opportunity in the technology domain. His comprehensive coverage spanned a wide array of topics, including AI, IoT, AR, VR, metaverse, blockchain, big data, data science, cybersecurity, RPA, autonomous driving, mobile app development, cloud computing, and service desks. Dr. Vallappan Ramani's insight emphasizes the revolutionary impact of technology, making smart industries and charting a dynamic course for the future. His closing statement resonates: "The number one company killer is lack of expertise". Dr. J. Deepa graciously extended her vote of thanks, expressing gratitude to our esteemed thought leader, Dr. Vallappan Ramani, for generously sharing his expertise during this enlightening session.

### Top Strategic Technology Trends in 2024

- Dr. Ramani highlighted emerging trends that will shape the tech landscape in 2024.
- These trends influence decision-making and innovation across industries.

### Startup Essentials

- The top five reasons to build a startup were discussed.
- Dr. Ramani emphasized understanding why startups fail and how to mitigate risks.

### Problem-Solving by Startups

- Startups play a crucial role in addressing real-world challenges.
- Effective problem-solving approaches were explored.

### Metaverse Potential

- The metaverse represents a \$1 trillion annual revenue opportunity.

### Technology's Impact on Society

- **Internet Usage:** Over 50% of the global population uses the internet.
- **Mobile Apps and Websites:** Approximately 600 new mobile applications and websites launch every minute.
- **Cloud Adoption:** By 2025, one-third of data will be stored in the cloud.

- AI Competence: 16% of executives possess AI capabilities.
- Productivity Boost: AI enhances organizational productivity.
- AI Everywhere: AI permeates diverse fields, from finance and science to law and healthcare.
- IoT Growth: The IoT industry is on its infancy, with an estimated 20 billion devices by 2023.

### Feedback of the Session:

Was this session successful in preparing you to go, produce, or deliver real results?

17/11/23

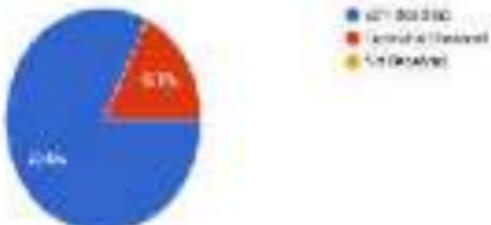
100 responses



Do you find the educational content of this session useful, practical and relevant to you?

17/11/23

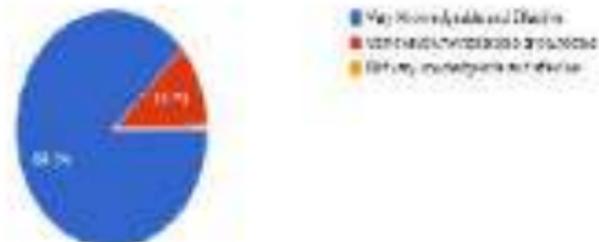
100 responses



What do you plan to do with the content of this session in the next 30 days?

17/11/23

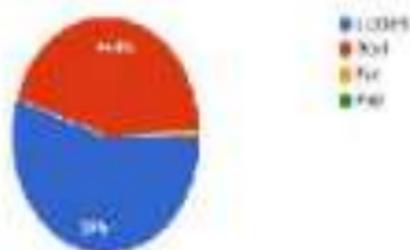
100 responses



How would you rate the quality of the presentations as provided by the MCTP?

View

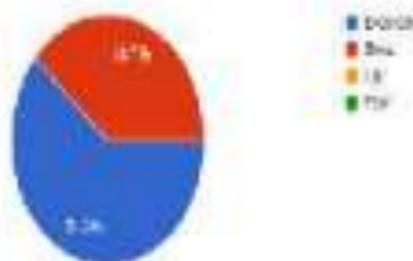
100 responses



Relevance of Topics with overall Aim of Course

View

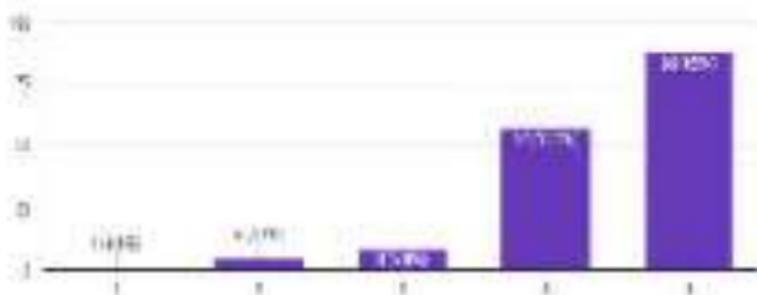
100 responses



Rate the overall comprehensiveness of the content.

View

100 responses



Majority of the participants felt that the topics covered in the program was relevant to their professional development needs, found the session more interactive, speaker was very much knowledgeable and effective in delivering the content, felt the presentations delivered during the program was of high quality, the topics were more relevant to the overall aim of the program and the session content was highly comprehensive.





### Day 2 – Session 3:

- **Resource Person:** Mr. Navaneeth Mahagan
- **Profile & Affiliation:** CEO, Sunway Labs Private Limited, Coimbatore.
- **Topic:** The AI Goldrush: Seizing Startup Opportunities in the Era of Artificial Intelligence
- **Date:** 13.02.2024
- **Time:** 11:00 AM – 1:00 PM

### Key Highlights of the Session:

Mr. Navaneeth, an expert in the field, captivated the audience with his talk on "The AI Goldrush: Seizing Start-up Opportunities in the Era of AI". He commenced his lecture by citing Mr. Sam Altman, the founder and CEO of OpenAI, who envisioned that AI could empower individuals to build billion-dollar companies. Mr. Navaneeth then delved into his own ventures, including SeedStackML, AiPod, Vasthrya.AI (a virtual assistant). Highlighting his career trajectory, Mr. Navaneeth shared his evolution from electronics to software engineering, IIT development, community building, AI development, and ultimately entrepreneurship, culminating in his current role as a serial director. Furthermore, Mr. Navaneeth asserted that AI possesses the potential to revolutionize the global landscape akin to the transformative impact of electricity over the past century. AI is broad area of computer science that enables machines think like they have human intelligence and briefed about Industrial Revolution & Workforce.

### Feedback of the Session:

With 87% of participants rating the session highly relevant to their professional development needs.

87% Positive



■ Positive  
■ Neutral  
■ Not

Did you find the qualitative methods (e.g. discussions, group work) useful?

100%

100 answers



Yes  
100%

Was the Speaker's contribution in the discussion sufficient for you?

100%

100 answers

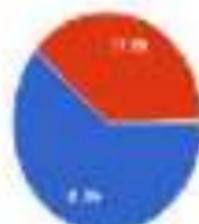


Yes  
100%

How would you rate the quality of the presentations delivered during the KCP?

100%

100 answers

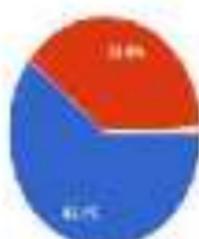


Good  
67%

Relevance of Topics with respect to Career

100%

100 answers



Excellent  
67%

Zoom Meeting



Majority of the participants felt that the topics covered in the program was relevant to their professional development needs, found the session more interactive, speaker was very much knowledgeable and effective in delivering the content, felt the presentations delivered during the program was of high quality, the topics were more relevant to the overall aim of the program and the session content was highly comprehensive.



#### Day 2 – Session 4:

- **Resource Person:** Mr. Karthikeyan Javahar
- **Profile & Affiliation:** Director – Karma Innovations and Solutions Pvt. Ltd., Founder and Chief Mentor – Financial Wellness Forum, Coimbatore
- **Topic:** Funding Avenues for Startups
- **Date:** 13.03.2024
- **Time:** 2:30 PM – 4:30 PM

#### Key Highlights of the Session:

Mr. Karthikeyan Javahar handled the session on 01.03.2024 (Friday) Afternoon titled **"Funding Avenues for Start-ups"**. The session explored the concept of angel investors, highlighting their role as affluent individuals actively seeking opportunities to invest in early-stage ventures. The Indian government's initiatives to support entrepreneurs were outlined, showcasing a three-stage approach: Individual student support, Funding and Incubation centres. However, a concerning statistic was also shared, only 20% of new start-ups survive after four years, and only 1% survive after five years. He highlighted his concerning dedication to his entrepreneurial vision and also provided a case study of his own company, Karma Innovations. He shared his mantra for his professional success and they are Count like God, Walk like a King and Work like a Slave. Finally he concluded by saying dedicate yourself seriously, embracing the hard work necessary for success.

#### Feedback of the Session:

What are your thoughts on this program? How do you rate the content of the program?  
Grade: 2

100 responses



Good  
Not Good

Did you find the information provided (e.g., if available, growth strategy) helpful during the session?

141 responses

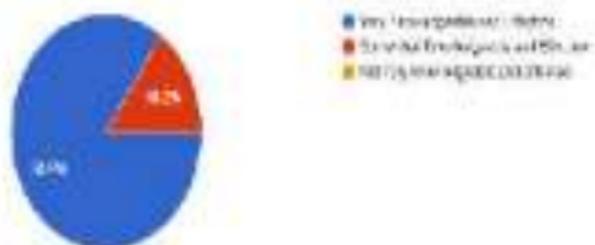


Very helpful  
Not helpful

What is your knowledge level of Technical skills, the content?

[Copy](#)

13 responses



How well do you know the reality of the generation(s) you are training, the VET?

[Copy](#)

13 responses



Estimate of Time with Overall aim of Course

[Copy](#)

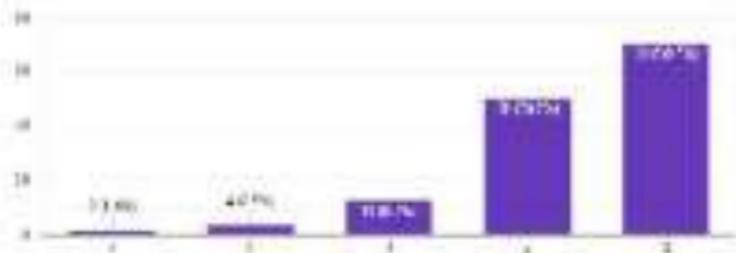
13 responses



How often do you combine your classes of this level?

[Copy](#)

13 responses





### Day 3 – Session 3:

- **Resource Person:** Rear Admiral V M Doss, AVSM, VSM (Retd.)
- **Profile & Affiliation:** Former Assistant Chief of Naval Staff (AM), Director – Defence Programs, KCHL.
- **Topic:** Business Opportunities in Defence Sector
- **Date:** 2.3.2024
- **Time:** 11:45 AM – 1:00 PM

### Key Highlights of the Session:

The session started by welcoming our Thought Leader for the day **Rear Admiral V M Doss**, AVSM, VSM (Retd.) by the Head of the Department, Dr. M. Senthil, DoMS, CIT followed by the welcome address from Dr. S. Dhalga, Assistant Professor, DoMS, CIT. **Air. V M Doss** led the session by exploring the defence sector encompasses a wide range of products and services, including aerospace, electrical and electronic systems hardware, armament stores, vehicles, cyber security and more. The market is influenced by geopolitical factors, government budgets, and technological advancements. His thoughts on linking up with key players in the industry include Technology development head in DRDO, Naval Research Board of DRDO, Aeronautical research and development board, Army design bureau, IDEF scheme, Supply chain, technology companies as emerging startups.

His aspiration on discovering projects proposed by the Tamil Nadu government in the area of startup ventures in the domain of EV manufacture (auto), biotech, research park, multi-modal logistic park, Defence manufacture facility, Aerospace space park in Salem and Chennai, product development and common manufacture, UAV testing center at SIPCOI industrial park, Chennai. Mr. VM Doss inspiring journey in rise of incubation and support of new defence startups has great opportunities to understand the defence corridors and structure with quick results. By embracing this approach, businesses can spark an excellent ecosystem through Make-in-India to thrive our country's vision of "Atmanirbhar Bharat".

### Feedback of the Session:

What are the major concerns in the response to avoid to plan and for next time? (Feedback)

1/1/2024



Do you find the research easy to read, discuss, or use with your staff?

0/0/0

10 responses



Agree  
Disagree  
No Answer

Would the research be a good use of effort in evaluating the concept?

0/0/0

10 responses

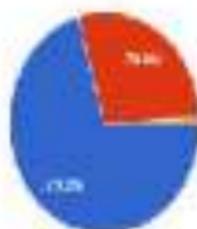


Yes  
No  
No Answer

How would you rate the quality of the comments received during the focus?

0/0/0

10 responses

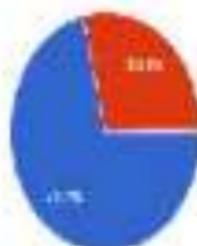


Excellent  
Good  
Fair  
Poor

Presence of 100% relative to 100% of 100%

0/0/0

10 responses



Disagree  
Agree  
Yes  
No

Table 2: A bar chart comparing the responses of 100 participants.



Majority of the participants felt that the topics covered in the program was relevant to their professional development needs, found the session more interactive, speakers was very much knowledgeable and effective in delivering the content, felt the presentations delivered during the program was of high quality, the topics were more relevant to the overall aim of the program and the session content was highly comprehensive.





#### Day 3 – Session 8

- **Resource Person:** Mr. A. Peter Sahuja Raj
- **Profile & Affiliation:** MD & CEO, Indigenous Fashion, Chennai.
- **Topic:** AI & Future of Digital Marketing
- **Date:** 23.02.2024
- **Time:** 2:30 PM – 4:30 PM

#### Key Highlights of the Session:

Mr. Peter Sahuja Raj, the esteemed Managing Director and CEO of INDIGENOUS FASHIONS, shared valuable insights into the current state of technology adoption in India, particularly focusing on the role of AI in marketing. The session provided a comprehensive overview of the opportunities and challenges associated with the integration of artificial intelligence into marketing strategies. The key aspects discussed in the session include technology adoption in India, case studies on AI marketing, simplification of marketing activities, and retention through AI, understanding customer preferences and enhanced customer relationship with the help of AI. In conclusion, Mr. Peter Sahuja Raj's presentation provided a thought-provoking overview of the current landscape of AI in marketing. The next student presented several valuable examples of how technology can be effectively leveraged to simplify marketing activities and enhance customer satisfaction. The insights shared pave the way for further exploration and implementation of AI strategies in the ever-evolving field of marketing.

#### Feedback of the Session:

After the session, we were in the ping-pong session to give participants a more engaged feedback.

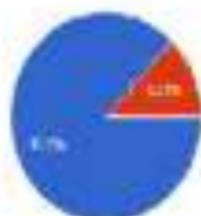
[View More](#)



■ Yes  
■ No

Did you find the interactive resources (e.g., discussion cards, games, activities) beneficial?  
(N = 122/100%)

[View](#)

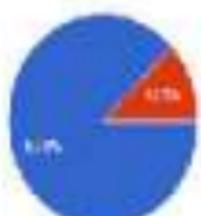


Very Beneficial  
Fairly Beneficial  
Not Beneficial

Was the course content accessible and practical following the workshop?  
(N = 100/100%)

[View](#)

(N = 100/100%)



Yes, I accessed easily and I follow  
Somewhat accessible and I follow  
Not accessible and I do not follow

Did you get a clear idea of the quality of the research work done in using the AEM?  
(N = 100/100%)

[View](#)

(N = 100/100%)



Excellent  
Good  
Fair  
Poor

Did you find it fun to work with the AEM?  
(N = 100/100%)

[View](#)

(N = 100/100%)



Excellent  
Good  
Fair  
Poor

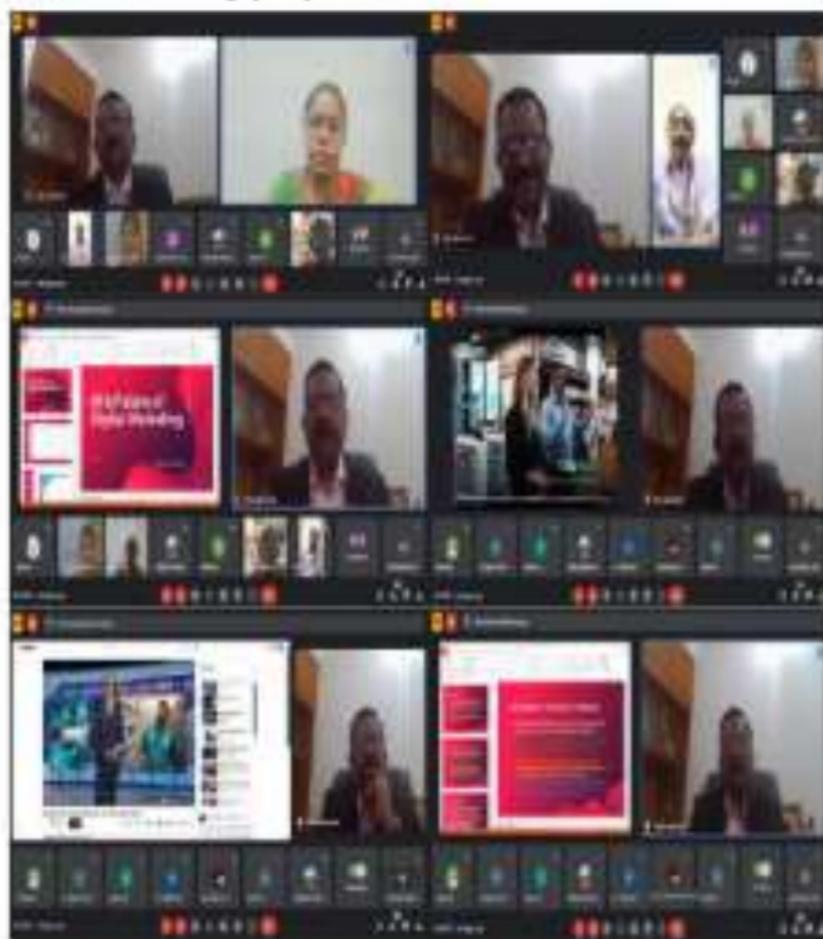
Rate the overall content relevance of the content

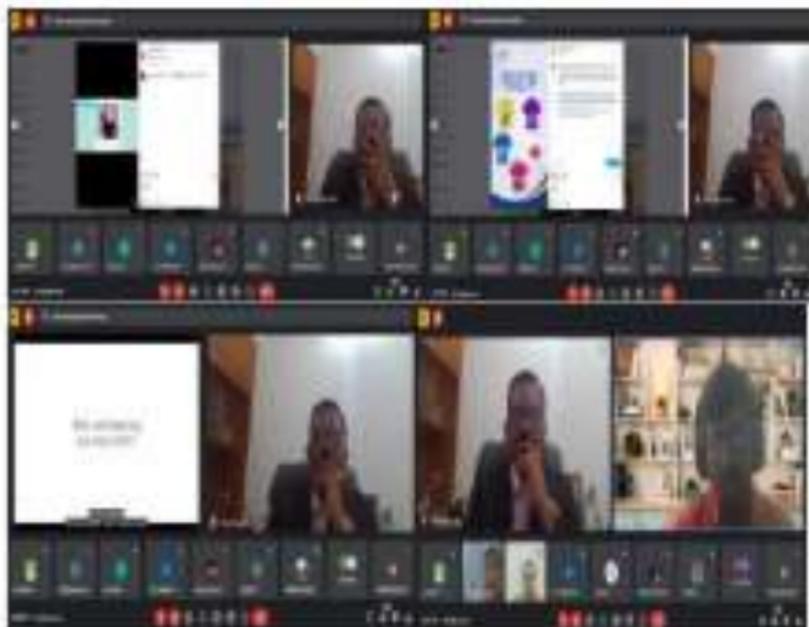
100% Data

100% (n=10)



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#### Day 4 – Session 1:

- **Resource Person:** Mr. Arvind Subramanian
- **Profile & Affiliation:** Co-Founder, Enlighten Angel Funds, Chennai.
- **Topic:** Entrepreneur Avenues and Funding Opportunities
- **Date:** 3-3-2024
- **Time:** 11:30 AM – 1:00 PM

#### Key Highlights of the Session:

Underscoring the importance of ethics in business and the value of certification programs can significantly enhance our entrepreneurial journey. By learning from ancient wisdom like the Dharma, we grasp the significance of ethical conduct in our business practices. Additionally, being aware of certification opportunities such as the Udyam certification and DPIIT Startup India registration program can help us gain recognition and credibility in the market, facilitating our growth and success as budding entrepreneurs. Moreover, comprehending different business entry structures and the roles of shareholders and directors equips us with the knowledge needed to navigate the complexities of the business world effectively. Overall, integrating ethical principles and seeking relevant certifications are key steps towards building a successful and sustainable entrepreneurial venture.

## Feedback of the Session:

Was the feedback provided in the 10/10 game relevant to your professional development?

10/10

100 responses



■ Yes  
■ No

Should I be able to watch a video (e.g., recorded gas grant visit) whenever I am present?

10/10

100 responses

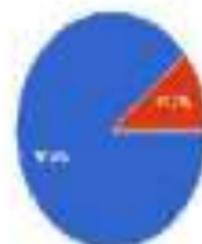


■ Yes  
■ No

Should I be able to submit a video recording of my work to the team?

10/10

100 responses

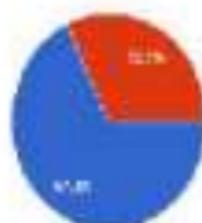


■ Yes  
■ No

How would you rate the quality of the presentations to date during the MCF?

10/10

100 responses



■ Excellent  
■ Good  
■ Fair  
■ Poor

FIGURE 3.13: RESPONSE OF RESPONDENTS WITH REGARD TO THE QUALITY OF THE PROGRAM

100%



FIGURE 3.14: HOW WELL DID YOU RATE THE QUALITY OF THE PROGRAM

100%



Majority of the participants felt that the topics covered in the program was relevant to their professional development needs, found the sessions more interactive, speaker was very much knowledgeable and effective in delivering the content, felt the presentations delivered during the program was of high quality, the topics were more relevant to the overall aim of the program and the session content was highly comprehensive.





#### Day 4 – Session 3

- **Resource Person:** Mr. A. Sasi Kumar
- **Profile & Affiliation:** Head – Powertrain, Vehicle Development, Validation, Jayar Automobiles Pvt. Ltd., Coimbatore.
- **Topic:** ICV vs. Electric Vehicles Validation and Pre Homologation Testing
- **Date:** 13.11.2024
- **Time:** 2.30 PM – 4.30 PM

#### Key Highlights of the Session:

The afternoon session of the Management Development Program kicked off with opening remarks by Dr. R. Jayanthi. Following that, Dr. T. Sathya Priya introduced the esteemed guest speaker and thought leader, Mr. A. Sasi Kumar. Our department head, Dr. M. Senthil, then spoke about his admiration for Mr. Sasi Kumar's expertise and his past meeting with Mr. Ratan Tata. Mr. Sasi Kumar's presentation began with an overview of the automobile industry's evolution since its inception in 1900. He then highlighted Jayar Automobiles' dedication to quality and technological advancements since its entry into the market in 1991. The session was focused on design & development, internal combustion engines vs. electric vehicles and testing protocols. Mr. Sasi Kumar's presentation offered valuable insights into Jayar Automobiles' journey towards electric vehicles, their rigorous testing and validation processes, and their commitment to innovation and quality in the automotive industry. Mr. Sasi Kumar leveraged his knowledge and experience to address the participants' questions. He ultimately provided insights on the entrepreneurial opportunities available in the electric vehicle (EV) industry.

## Feedback of the Session:

How do you evaluate the program related to your professional development needs?

🗳️ [Close](#)

10 responses



■ Yes  
■ Continued  
■ No

How useful for the interaction during (e.g. video, audio, etc.) for the needs of the session?

🗳️ [Close](#)

10 responses



■ Very useful  
■ Some usefulness  
■ Not useful

How do you evaluate the content of the effective feedback of the staff?

🗳️ [Close](#)

10 responses

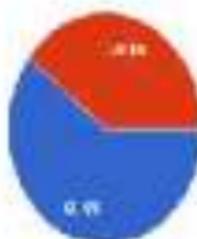


■ Very appropriate content  
■ Some appropriate content  
■ Not appropriate content

How would you evaluate the results of communication delivered during the ECP?

🗳️ [Close](#)

10 responses



■ Excellent  
■ Very  
■ Fair  
■ Poor

Relevance of Topics in Professional Development  
 (N=100000)

100%



How do you rate the interactivity of the content?

100%

(N=100000)



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#### Day 5 – Session 9

- **Resource Person:** Prof. Dr. Shihab H. Kafali
- **Profile & Affiliation:** Director & Business Consultant at Arrows, Auckland, New Zealand.
- **Topic:** Exploring the Intersection of Ethics and Entrepreneurship: Strategies for Ethical Decision-Making and Social Impact
- **Date:** 4.1.2024
- **Time:** 11:00 AM – 1:00 PM

#### Key Highlights of the Session:

The ninth session of the MDP program commenced at 11:00 AM, hosted by Dr. Sushya Priya. Dr. Priya delivered the welcome address, followed by the introduction of the esteemed guest, Dr. Shihab H. Kafali. Additionally, Dr. M. Senthil, HOD of DDM5, CIT, and extended a warm welcome to the guest. The session was focused on ethics in entrepreneurship, significance of ethical decision-making in entrepreneurship, impact of ethics in society and impact of ethical choice in business and reputation, ethical entrepreneurship, emphasizing integrity and social

responsibility, involves fair treatment, environmental sustainability, and community engagement. Key aspects include diversity, long-term vision, and adherence to ethical standards. Fostering trust, customer loyalty, and positive brand image. Ethical choices positively impact financial performance, attract top talent, and enhance crisis resilience, aligning moral values with enduring business success and societal well-being.

### Feedback of the Session:

Was the content covered in the program sufficient to your professional development?  
 (n=27)

📊 100%

100% Yes



■ Yes  
 ■ No  
 ■ Not

Did you find the course relevant to your job or professional growth?  
 (n=26)

📊 100%

100% Yes



■ Yes  
 ■ Somewhat  
 ■ No

Was the course well-organized and easy to follow?  
 (n=26)

📊 100%

100% Yes

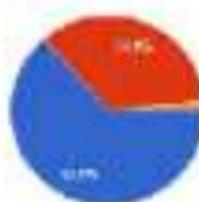


■ Yes  
 ■ Somewhat  
 ■ No

How would you rate the quality of the content?  
 (n=26)

📊 100%

100% Excellent



■ Excellent  
 ■ Good  
 ■ Fair  
 ■ Poor

### Relevance of Topics with respect to the course

(N=40, 100%)

100% 0%



### Rate of virtual session participation of the learners

(N=40, 100%)

100% 0%



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#### Day 5 – Session 18:

- **Resource Person:** Dr. K. S. Chandrasekar
- **Profile & Affiliation:** Senior Professor, Institute of Management, University of Kerala.
- **Topic:** Digital Entrepreneurial Challenges
- **Date:** 4.1.2024
- **Time:** 2.30 PM – 4.00 PM

#### Key Highlights of the Session:

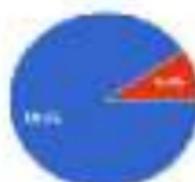
The Management Development Program's afternoon session began with opening remarks from Dr. R. Jayanthi. Dr. T. Sathya Priya then introduced the esteemed guest speaker, Dr. K. S. Chandrasekar. Dr. M. Senthil, our department head, expressed his admiration for Dr. Chandrasekar's expertise, praising his innovative thinking and dedication to lifelong learning. Dr. Chandra Sekar, an esteemed expert in the field of digital entrepreneurship, delivered a captivating presentation titled "Digital Entrepreneurial Challenges". The session focused on the intersection of technology, business, and global economy. The session was focused on impact of technology on the global society, evolution of e-commerce, consumer privacy protection, industrial transformation from 4 Ps to 4 Cs, global internet & social media trends, skill acquisition, job opportunities & networking, youth engagement and success stories of many stalwarts in the field.

## Feedback of the Session:

How did you experience the presentation of the 1000+ students' online session?

100% 1/100

100% positive



Yes  
Probably  
No

Did you find the information presented easy to understand, given the time you had to spend on that special session?

100% 1/100

100% positive



Yes, definitely  
Probably, but still  
Not at all

How did you evaluate the material quality and effectiveness in addressing the content?

100% 1/100

100% positive

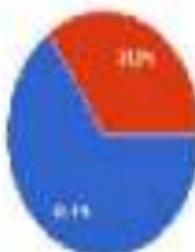


Very interesting and useful  
Interesting but still needs  
Not at all interesting and useful

How would you rate the quality of the presentation slides used during the session?

100% 1/100

100% positive



Excellent  
Good  
Fair  
Poor

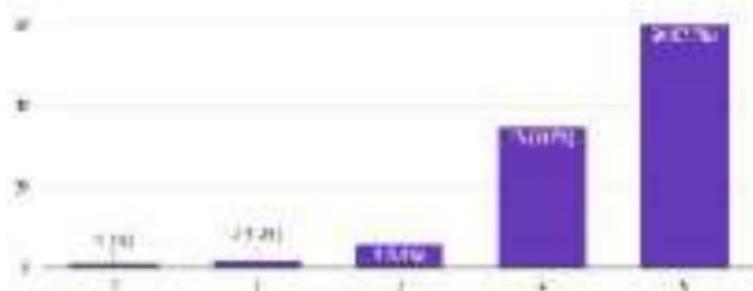
By how much (%) Topics were more relevant to O's use  
 (N=100)



Rate the overall completeness of the content.



(N=100)



Majority of the participants felt that the topics covered in the program was relevant to their professional development needs, found the session more interactive, speaker was very much knowledgeable and effective in delivering the content, felt the presentations delivered during the program was of high quality, the topics were more relevant to the overall aim of the program and the session content was highly comprehensive.



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### **Feedback Deliberations and Validation of the MDP**

The valedictory function for the Management Development Program (MDP) commenced with a welcome address delivered by Dr. R. Jayanthi. She presented data revealing that 352 participants from various institutions across Tamil Nadu and abroad had registered for the online MDP program. Additionally, Dr. R. Jayanthi shared feedback provided by the participants after each session. Few Faculty and student participants gave their feedback on behalf of all the participants.

Dr. M. Senthil, the department head, delivered closing remarks expressing his appreciation to various parties involved in the successful completion of the Management Development Program (MDP). He acknowledged the faculty organizers for their dedication and effort in planning and executing the program. He extended his gratitude to the college management for their continued support in facilitating such educational initiatives. Finally, he expressed his appreciation to the students and participants for their active participation and collaboration, which contributed significantly to the program's fruitfulness.

Dr. Chandrasekar delivered the valedictory address for the Management Development Program (MDP). He expressed his appreciation to the program organizers for their efforts in making the online MDP a success. Additionally, he acknowledged the contributions of the various guest speakers who addressed diverse topics throughout the five-day program.

The following individuals provided valuable feedback on their overall experience of the online Management Development Program (MDP):

- ✓ Dr. Umamani (Faculty Participant)
- ✓ Mr. Kabal M.S. (Student Participant)
- ✓ Ms. Sasi Sathivika (Student Participant)
- ✓ Ms. Sri Bhavani (Student Participant)

Dr. I. Sathya Priya delivered the vote of thanks at the valedictory function for the Management Development Program (MDP), expressing gratitude to the following individuals and groups: Dr. M. Senthil (HOD), Acknowledging his leadership and support for the program; Faculty Coordinators, Recognizing their dedication and efforts in planning and executing the MDP; Student Coordinators, Appreciating their contributions in assisting with program logistics and participant engagement; Participants, Thanking them for their active participation and collaboration throughout the program; College Management, Expressing gratitude for their support and resources that made the MDP possible.





14	Language	Language Studies	MA	International Institute for Applied Linguistics and Cross-Cultural Studies for Business
15	Accounting	Accounting	MA	Cambridge Institute of Technology
16	International Law	LL.M. (Int'l Law)	Department of International Studies	Cambridge Institute of Technology
17	International Law	LL.M. (Int'l Law)	Department of International Studies	Cambridge Institute of Technology
18	Accounting	LL.M. (Int'l Law)	MA	Cambridge Institute of Technology
19	LL.M. (Int'l Law)	Accounting Studies	LL.M. (Int'l Law)	Cambridge Institute of Technology
20	LL.M. (Int'l Law)	Accounting Studies	LL.M. (Int'l Law)	Cambridge Institute of Technology
21	LL.M. (Int'l Law)	Accounting Studies	The Law School (Cambridge)	Cambridge Institute of Technology
22	Accounting	Business Studies	MA	Cambridge Institute of Technology
23	Accounting	Business Studies	MA	Cambridge Institute of Technology
24	Accounting	Business Studies	MA	Cambridge Institute of Technology
25	Accounting	Business Studies	MA	Cambridge Institute of Technology
26	Accounting	Business Studies	MA	Cambridge Institute of Technology
27	Accounting	Business Studies	MA	Cambridge Institute of Technology
28	Accounting	Business Studies	MA	Cambridge Institute of Technology
29	Accounting	Business Studies	MA	Cambridge Institute of Technology
30	Accounting	Business Studies	MA	Cambridge Institute of Technology
31	Accounting	Business Studies	MA	Cambridge Institute of Technology
32	Accounting	Business Studies	MA	Cambridge Institute of Technology
33	Accounting	Business Studies	MA	Cambridge Institute of Technology
34	Accounting	Business Studies	MA	Cambridge Institute of Technology

Sl. No.	Applicant's Name	MRN	Department of Management Studies	Continuing Studies or University Unit
22	Aravind K	MRN 1754	MRN	Continuing Studies of Technology
23	Aravind K P	MRN 1754	MRN	Continuing Studies of Technology
24	Dr. J. Jagan Mohan	MRN	Continuing Studies of Technology	Continuing Studies of Technology
25	Yog. Prashanth V A	MRN	MRN	Continuing Studies of Technology
26	K. Anand	MRN	MRN	Continuing Studies of Technology
27	Aravind K	MRN	MRN	Continuing Studies of Technology
28	Aravind K	MRN	MRN	Continuing Studies of Technology
29	Aravind K	MRN	MRN	Continuing Studies of Technology
30	Aravind K	MRN	MRN	Continuing Studies of Technology
31	Aravind K	MRN	MRN	Continuing Studies of Technology
32	Aravind K	MRN	MRN	Continuing Studies of Technology
33	Aravind K	MRN	MRN	Continuing Studies of Technology
34	Aravind K	MRN	MRN	Continuing Studies of Technology
35	Aravind K	MRN	MRN	Continuing Studies of Technology
36	Aravind K	MRN	MRN	Continuing Studies of Technology
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49	Aravind K	MRN	MRN	Continuing Studies of Technology
50	Aravind K	MRN	MRN	Continuing Studies of Technology





















103	ALLI, R.	Student	USA	Vice-Chancellor's Office of Arts and Sciences for Women, President
104	Waldman, T	Student	USA	Vice-Chancellor's Office of Arts and Sciences for Women, President
105	Harkins, V	Student	PA and Research Department of Management Studies	Vice-Chancellor's Office of Arts and Sciences for Women, President
106	E. Tansley	Student	USA	Vice-Chancellor's Office of Arts and Sciences for Women, President
107	Wang, Stephanie	Student	PA and Research Department of Management Studies	Vice-Chancellor's Office of Arts and Sciences for Women, President
108	David B	Student	PA and Research Department of Management Studies	Vice-Chancellor's Office of Arts and Sciences for Women, President
109	R. Pollock	Student	USA	Vice-Chancellor's Office of Arts and Sciences for Women, President
110	Samuel, J	Student	USA	Vice-Chancellor's Office of Arts and Sciences for Women, President
111	Evans, D	Student	PA and Research Department of Management Studies	Vice-Chancellor's Office of Arts and Sciences for Women, President
112	Li, Jay Wang	Student	USA	Faculty, Institute of Technology, President
113	Sharma, S	Student	USA	Vice-Chancellor's Office of Arts and Sciences for Women, President



161	Joseph Santoro, Ph.D.	Student	Ph.D. and Research Department of Management Studies	St. John's University, College of Arts and Sciences for Women, Fairfield
162	Josephine, B.	Student	MSW	St. John's University, College of Arts and Sciences for Women, Fairfield
163	Josephine Santoro	Student	Management Studies	St. John's University, College of Arts and Sciences for Women, Fairfield
164	Karen, B.	Student	MSA	St. John's University, College of Arts and Sciences for Women, Fairfield
165	Katherine	MSW	MSW	St. John's University, College of Arts and Sciences for Women, Fairfield
166	Katherine, B.	Student	MSW	St. John's University, College of Arts and Sciences for Women, Fairfield
167	Kathleen	Student	Management Studies	St. John's University, College of Arts and Sciences for Women, Fairfield
168	Kathleen, B.	Student	MSW	St. John's University, College of Arts and Sciences for Women, Fairfield
169	Kathleen, B.	Student	Management Studies	St. John's University, College of Arts and Sciences for Women, Fairfield
170	Kathleen, M.	Student	Ph.D. Research Department of Management Studies	St. John's University, College of Arts and Sciences for Women, Fairfield
171	Kathleen, M.	Student	MSA	St. John's University, College of Arts and Sciences for Women, Fairfield
172	Kathleen, S.	Student	MSW	St. John's University, College of Arts and Sciences for Women, Fairfield

Sl. No.	Course Name	Credits	Mode of Delivery	Prerequisite Courses of this and Others for Women Students
001	Maths I (A)	3	BLK	ENGLISH I (A)
002	Maths I (B)	3	BLK	ENGLISH I (A)
003	Maths II (A)	3	BLK	ENGLISH I (A)
004	Maths II (B)	3	BLK	ENGLISH I (A)
005	Maths III (A)	3	BLK	ENGLISH I (A)
006	Maths III (B)	3	BLK	ENGLISH I (A)
007	Maths III (C)	3	BLK	ENGLISH I (A)
008	Maths III (D)	3	BLK	ENGLISH I (A)
009	Maths III (E)	3	BLK	ENGLISH I (A)
010	Maths III (F)	3	BLK	ENGLISH I (A)
011	Maths III (G)	3	BLK	ENGLISH I (A)
012	Maths III (H)	3	BLK	ENGLISH I (A)
013	Maths III (I)	3	BLK	ENGLISH I (A)
014	Maths III (J)	3	BLK	ENGLISH I (A)
015	Maths III (K)	3	BLK	ENGLISH I (A)
016	Maths III (L)	3	BLK	ENGLISH I (A)
017	Maths III (M)	3	BLK	ENGLISH I (A)
018	Maths III (N)	3	BLK	ENGLISH I (A)
019	Maths III (O)	3	BLK	ENGLISH I (A)
020	Maths III (P)	3	BLK	ENGLISH I (A)
021	Maths III (Q)	3	BLK	ENGLISH I (A)
022	Maths III (R)	3	BLK	ENGLISH I (A)
023	Maths III (S)	3	BLK	ENGLISH I (A)
024	Maths III (T)	3	BLK	ENGLISH I (A)
025	Maths III (U)	3	BLK	ENGLISH I (A)
026	Maths III (V)	3	BLK	ENGLISH I (A)
027	Maths III (W)	3	BLK	ENGLISH I (A)
028	Maths III (X)	3	BLK	ENGLISH I (A)
029	Maths III (Y)	3	BLK	ENGLISH I (A)
030	Maths III (Z)	3	BLK	ENGLISH I (A)



no.	name of the work	status	commitment to business management	level of the results of the work
100	Algoritma Sistem II	Selesai	Administrative Taskmaster	Magister Computer
101	Kejuruteraan II	Selesai	000%	100% Ijazah Sarjana Muda
102	Visual V	Selesai	000%	100% Ijazah Sarjana Muda
103	Kejuruteraan VI	Selesai	000%	100% Ijazah Sarjana Muda
104	Kejuruteraan III	Selesai	000%	100% Ijazah Sarjana Muda
105	Kejuruteraan II	Selesai	000%	100% Ijazah Sarjana Muda
106	Kejuruteraan	Selesai	000%	100% Ijazah Sarjana Muda
107	Kejuruteraan IV	Selesai	000%	100% Ijazah Sarjana Muda
108	Kejuruteraan	Selesai	000%	100% Ijazah Sarjana Muda



**Coimbatore Institute of Technology**

Government Aided Autonomous Institution, Approved by AICTE (New Delhi  
and Affiliated to Anna University, Chennai - 600025)

**Career Guidance And Counselling Cell  
&  
Department of Management Studies**



**MACATHON**

**REPORT**

16<sup>th</sup> & 17<sup>th</sup>, April 2024 @TLC Block, CIT



**COIMBATORE INSTITUTE OF TECHNOLOGY**

Government Aided Autonomous Institution

Approved by AICTE New Delhi and Affiliated to Anna University Chennai-600002

CAREER GUIDANCE AND COUNSELLING CELL

&

DEPARTMENT OF MANAGEMENT STUDIES



**REPORT**



# CONIBATORE INSTITUTE OF TECHNOLOGY

Conibatore - 561 024  
Karnataka - 561 024

Memorandum to the Faculty, CCI

11.03.2024

The Department of Management Studies & Department of Computing are planning to jointly organize "Masterplan & Hackathon" - a two-day competition, tentatively scheduled on April 04<sup>th</sup> and 05<sup>th</sup>, 2024, following the discussion with the Heads of the Department of Computing on 12.03.2024. Department of Management Studies will handle the event in coordination with the Department of Computing.

The Department of Management Studies will conduct Masterplan (Management Essay) as an inter-collegiate event. Post graduate Management Students from Tatyasaheb and neighboring colleges are requested to participate in this event. Attention focuses on innovation, creativity and strategic thinking.

### 2. Motivation

The Department of Computing will be organizing a Hackathon as an inter-collegiate event. Students from Tatyasaheb, Tatyasaheb and other staff of S. P. J. & Tatyasaheb (Other) are invited to participate. The year M.C.A of CCI will be contributing to this event.

### Roles and Responsibilities

1. Faculty and Staff/Students members for the event will be organized together.
2. Masterplan & Hackathon to be organized in tandem by the respective departments.
3. Same coordination to be done by the respective departments.

We request your good will to do the necessary to conduct smoothly and approve the budgeted expenses and budget.

Coordination	Dept.	Department of Computing
CCI	A. Srinivasan	
Management / Humanities	J. Srinivasan S. Srinivasan	S. Srinivasan S. Srinivasan S. Srinivasan S. Srinivasan S. Srinivasan
IT	S. Srinivasan	J. Srinivasan S. Srinivasan

Prof. Madhavi C. Madhavi Prasad



**COMBATORES INSTITUTE OF TECHNOLOGY**  
 (Approved AICTE Autonomous Institute under the New Structure)  
 Coimbatore - 68704  
**DEPARTMENT OF MANAGEMENT STUDIES**

Submitted to the Principal, CIT

27.05.2004

Coimbatore Cell and Department of Management Studies a planning to conduct  
 Workshop at an inter-collegiate level in collaboration with Department of  
 Commerce on April 16<sup>th</sup> and 17<sup>th</sup>, 2004. In this regard, we kindly request you to  
 approve the budget amount of Rs.8,500/- (Eight one thousand and six hundred  
 only) to meet the expenses. Please see the details.

Yours truly,

*K. S. Srinivasan*  
27/5/04

*J. B. ...*  
*H. K. ...*

*J. ...*  
27/5/04

*P. ...*  
26/5/2004

**COIMBATORE INSTITUTE OF TECHNOLOGY**Coimbatore - 641 013  
1989-90 - 64234**DEPARTMENT OF MANAGEMENT STUDIES****MACATHON - BUDGET****MACATHON - Financial Support from Institution**

S.No.	Source	Part	Amount (Rs.)
1	Financial support of Institution towards Extra Money	I	15,000
		II	15,000
		III	10,000
<b>TOTAL</b>			<b>40,000</b>

**MACATHON - Sources of Income (25 Teams)**

S.No.	Source	Rate (Rs.)	Amount (Rs.)
1	Registration fees (5 per team)	400	10,000
2	Entry fee (Rs. 2000 /day)	10,000	10,000
3	Revenue from Sponsorship Approx. Rs. 20,000		20,000
<b>Total Income</b>			<b>40,000</b>

**MACATHON - Income Statement (25 Teams)**

S.No.	Particulars (Variable Rs. 1000)	Rate (Rs.)	Amount (Rs.)
1	Registration fee to Participants	100	2,500
2	Refreshments (2 Days)	Day 1	100
		Day 2	100
3	Conductors in participation	20	500
<b>Total</b>			<b>3,500</b>

**2002 Fixed Budget**

4	Contingency for 4 days	200	5,000
5	Travel Allowance	200	5,000
6	Contingency	200	5,000
<b>PERSONAL REVENUE</b>			
7	Insurance, Fire, Revenue	-	10,000
8	Income Tax	-	10,000
9	Miscellaneous	-	1,000
<b>Total (Personnel + Fixed Budget)</b>			<b>31,500</b>

**Consolidated Statement (25 Teams)**

S.No.	Particulars	Amount (Rs.)
1	Income from Institution	40,000
2	Income from Sponsorship	20,000
3	Income from	10,000

*Embassy  
GCN Member  
(Dr. S. Anil)*

*J. M. ...  
Head of Institute  
Head of Institute*

*Go ...  
Head of Institute*

*WPA 11  
21/11/2002*

## About CIT

The U. Rangaswamy Naidu Educational Trust devoted to the cause of promoting Technical and Scientific Literacy established Coimbatore Institute of Technology, popularly known as CIT in 1956 with the founder principalship of Sir PR. Ramkrishnan, an alumnus of MIT, USA. The Institute is affiliated to Anna University, offers Bachelor's, Master's and Doctoral programs in various disciplines.

## About DeMS

The Department of Management Studies at CIT was established in the academic year 2021-22 with a vision to develop MBA graduates with multi-disciplinary skills to compete in the global business arena. The MBA program at CIT is aimed to hone the professional skills required for increasingly complex and dynamic management career requirements.

The Department of Management Studies at Coimbatore Institute of Technology endeavours to be a School of Management to nurture highly capable, engaged and ethical leaders with a goal to create dynamic, positive fair changes in the world of Business and Society.

## Highlights of DeMS

- Our MBA program stands out due to its industry-focused curriculum and innovative approach to developing design thinking and innovation skills. We provide a comprehensive skill development experience that encompasses leadership qualities and practical tools to enhance skills.
- Proven leadership with vision and sustainable growth in the field of Engineering Education over six decades
- State-of-the-art Infrastructure with Wi-Fi-enabled campus
- Well Qualified & Experienced Faculty
- Industry Relevant Curriculum
- Wide & Contemporary Specializations
- Innovative Pedagogy like Case Studies / Simulations / Short-term Training / Live Mini Projects / Industrial Visits / Flipped Classrooms & Collaborative Learning
- Soft Skills, Grooming & Personality Development Training
- Corporate Theater Workshop

- Veteran speakers and Master classes on specialised topics in response to contemporary business developments and student interests.

## **About Career Guidance and Counselling Cell**

Career Guidance and Counselling Cell plays a vital role in helping students to explore career options, make informed decisions, and navigate their career paths effectively. It also aims to empower students to pursue fulfilling and successful careers aligned with their interests, values and abilities. It helps students to understand their strengths, weaknesses, interests and personality traits. COCC offers workshops, seminars, training sessions to help students develop skills that are in demand in the job market.

## **Introduction about Macathon**

MACATHON - a Management Marathon is designed as a hands-on, collaborative problem-solving competition. It aims to foster the creation of modern, actionable solutions for current management issues while also nurturing participants' abilities to become visionary leaders in Management innovation, creativity and strategic thinking. It's name to the event is "The Great Ideathon" and tagline is "Owning up Innovation in Every Idea"

The event is being conducted in collaboration with the Department of Computing, together named as "Dive-Edged Brainstorm"

## **Pre-Preparation Processes:**

**Planning Initiation:** This stage marks the beginning of the planning process, where students were divided into teams with specific tasks.

### **Registration Team Responsibilities:**

- **Registration Kit Creation:** This team sourced and printed registration kits, including form files, brochures, notepads, and pens branded with marketing materials.
- **Participant Management:** They designed and procured participant tags, prepared registration forms, and compiled a list of participating colleges, the number of participants, and their food and accommodation needs.
- **Accommodation Arrangements:** They secured both on-campus and off-campus housing for male and female participants.



The Design Team, comprising Rahul M.S., Kowsika, and Varsha D., took responsibility for creating all event materials, including posters, flyers, brochures, certificates, Ben banners, and cash prize cards. Additionally, they designed the Marathon logo.



The Decoration Team included:

- Procurement of props for decoration and flowers for the flower Rangoli.
- Hand-painted Banner: On a Pure Cotton fabric as souls filled with joy and happiness were painted with the theme of Bliss and Gratitude with hands as small as each work done by all together creates a wonderful ending, made the word "Marathon" and went in aesthetic touch and filled with emotions and memories.
- Pre-event setup on April 15th, 2014, including arranging some props and chairs and tables in the venue.





The Invitation team sends official invitations to many MBA colleges in and around Tamil Nadu and Kerala. Invited familiar MBA colleges in Coimbatore in person to HoD of MBA Department.



The Organizing and Evaluation Team worked on the rules and regulations, guidelines to the participants, and did technical checking of network, mike, speakers and computers.

The Refreshment Team arranged for refreshments and food for all the participants for day 1 and 2.

## Brochures, Posters and Invitation

**WITH**  
**BA BLOCK, CIT**  
**FOLDS**  
**16 & 17th APRIL 2024**  
**FOR CANDIDATES OF**  
**B.A / PGDM Students**



**ANNA UNIVERSITY**  
CHENNAI  
DEPARTMENT OF MANAGEMENT STUDIES  
*Organized by*



**FOR MORE INFORMATION CONTACT**

**COORDINATOR**  
Dr. M. Govind  
9840182524

**FACULTY COORDINATORS**

Dr. Deepa  
9840182524

Dr. A.C. Sathya  
9949066072

Dr. S. R. Saja  
9443002171

**STUDENT COORDINATOR**

Ms. Pradnya Kumar S 9948704448  
Ms. Vaidya Lakshmi K 9739643327  
Ms. Sneha Y 9943391219  
Ms. Prashanth P 9843384238

**REGISTER**



Registration Fee : Rs. 500/- For 2 days  
\* Includes all meals

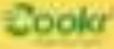
Contact Person : Technology and Entrepreneurship  
Address : Anna Block  
Phone : 9739643327  
Email : [pradnya@annauniv.ac.in](mailto:pradnya@annauniv.ac.in)  
MC Code : 9843384238

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FOR GOVT. MANAGEMENT STUDIES  
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ORGANIZES



THE GREAT MANAGEMENT IDEATHON  
*(Gearing up Innovation in Every Idea)*



16th & 17th, April 2024



MBA Block, CIT

**PARTICIPATE & WIN**  
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**₹50,000/-**



REGISTRATION  
3 MEMBERS PER TEAM  
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LAST DATE: 20/04/2024  
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CONVENOR

Dr. M. Parvathy  
9448001084

FACULTY COORDINATOR

Dr. J. Deepa    Dr. S. S. Indira    Dr. G. Jibha  
9448001084    9448001084    9448001084

STUDENT COORDINATOR

Dr. Prathibha K  
9448001084  
Dr. Prathibha T  
9448001084  
Dr. Prathibha P  
9448001084



**Cookr**  
CAREER ORIENTATION AND COUNSELLING CELL



## COIMBATORE INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF MANAGEMENT STUDIES

DEPARTMENT OF COMPUTING

*Jointly Organizes*

MACATHON (The Great Management Ideathon)

THE DOUGHVINCI CODE (Technical Hackathon)

WE CORDIALLY  
INVITE YOU FOR THE INAUGURAL FUNCTION OF

# BYTE-SIZED BRAINSTORM

*(Where Ideas Simmer and Solutions Cook!)*

on

**16<sup>th</sup> APRIL 2024**

VENUE : LIBRARY BLOCK CONFERENCE HALL

TIME : 10.00 A.M

## List of Juries

S. No	Name	Designation	LinkedIn
1	Mr. Ramnarayan Alagappan	VP of Cookr	<a href="https://www.linkedin.com/in/ramnarayan-alagappan/?utm_source=share&amp;utm_campaign=share_via&amp;utm_content=profile&amp;utm_medium=android_app">https://www.linkedin.com/in/ramnarayan-alagappan/?utm_source=share&amp;utm_campaign=share_via&amp;utm_content=profile&amp;utm_medium=android_app</a>
2	Mr. M.V. Narwan	Product Developer at Cookr	<a href="https://www.linkedin.com/in/narwan-5479a0192/?utm_source=share&amp;utm_campaign=share_via&amp;utm_content=profile&amp;utm_medium=android_app">https://www.linkedin.com/in/narwan-5479a0192/?utm_source=share&amp;utm_campaign=share_via&amp;utm_content=profile&amp;utm_medium=android_app</a>
3	Mr. S. Sri Ram	Software Engineer at Cookr	<a href="https://www.linkedin.com/in/sriramsg/?utm_source=share&amp;utm_campaign=share_via&amp;utm_content=profile&amp;utm_medium=android_app">https://www.linkedin.com/in/sriramsg/?utm_source=share&amp;utm_campaign=share_via&amp;utm_content=profile&amp;utm_medium=android_app</a>
4	Mr. Rishika Avasri	Market Research Analyst, Cookr	<a href="https://www.linkedin.com/in/rishika/?utm_source=share&amp;utm_campaign=share_via&amp;utm_content=profile&amp;utm_medium=android_app">https://www.linkedin.com/in/rishika/?utm_source=share&amp;utm_campaign=share_via&amp;utm_content=profile&amp;utm_medium=android_app</a>
5	Mrs. Umarni	Assistant Professor at Department of Computing at CIT	<a href="https://www.linkedin.com/in/umarni-studer-ba0053113/?utm_source=share&amp;utm_campaign=share_via&amp;utm_content=profile&amp;utm_medium=android_app">https://www.linkedin.com/in/umarni-studer-ba0053113/?utm_source=share&amp;utm_campaign=share_via&amp;utm_content=profile&amp;utm_medium=android_app</a>
6	Dr. D. Manjula Kalavakar	Associate Professor at Department of Computing at CIT	<a href="https://www.linkedin.com/in/dr-d-manjula-kalavakar-23513a76/?utm_source=share&amp;utm_campaign=share_via&amp;utm_content=profile&amp;utm_medium=android_app">https://www.linkedin.com/in/dr-d-manjula-kalavakar-23513a76/?utm_source=share&amp;utm_campaign=share_via&amp;utm_content=profile&amp;utm_medium=android_app</a>
7	Dr. S. Maheswari	Assistant Professor at Department of Humanities at CIT	<a href="https://www.cit.edu.in/faculty/humanities-department/PA%20S%20111">https://www.cit.edu.in/faculty/humanities-department/PA%20S%20111</a>

## Participants List

S.No.	List of Colleges Participated	Number of Teams
1	Coimbatore Institute of Technology, Coimbatore	3
2	VET Institute of Arts and Science, Thandil, Erode	3
3	PGD Institute of Management, Coimbatore	1
4	Vivekananda Institute of Information and Management Studies, Tiruchengode, Namakkal	3
5	Priyadarshi Institute of Research in Management, Coimbatore	1
6	Kannurapuri School of Business, Coimbatore	2
7	Saveri Arts and Institute of Technology, Sathiyangudi, Erode	3
8	Sakthi Institute of Information and Management Studies, Pollachi	1
9	Kalaignar Karunanithi Institute of Technology, Coimbatore	2
10	Radhika School of Business @ Tips Global, Coimbatore	2
11	Kongu Engineering College, Perundurai, Erode	14
12	Nehru College of Management, Tharamalayampalayam, Coimbatore	1

GRAPH OF COLLEGE WISE

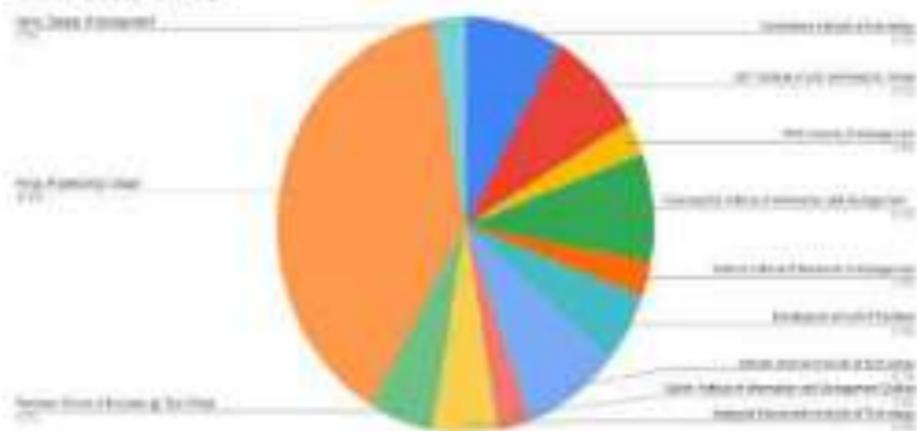


Fig : Graph of Participated Colleges of Macarthon

## Inauguration of Macathon

Inauguration of the Byts-Sized Marathons (Hackathon and Marathone) happened at Conference Hall, Library Block. The inauguration started at 10.00 am with the lamp lighting and welcoming of Chief Guest Mr. Kannaiah Alagappa, Vice President of Coor. Dr. Sanku, HoD of MBA gave an introductory speech about Marathone (The Great Business Idea) and HoD of AIML gave an introductory speech about Hackathon. After the speech of Dr. Rajawari, Principal of CIT, Dr. Sathish, Advisor of CIT, Sr. Kannaiah Alagappa, VP of Coor gave an elaborated speech about the journey of the brand "Coor".



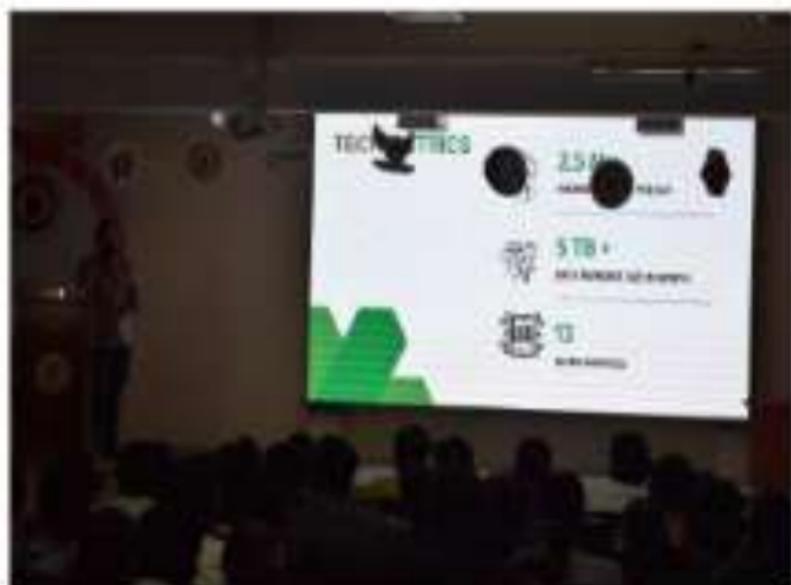
## Mr. Ramanathan Alagappan Speech About Cookr:

Mr. Ramanathan Alagappan, Cookr's Vice President, delivered a captivating speech highlighting the company's remarkable journey within two years. He showcased Cookr's exponential growth through impressive metrics like the number of chefs, delivery partners, and turnover figures. Notably, he emphasized Cookr's expansion into 5 Tamil Nadu cities and the recent addition of Bangalore, solidifying its regional presence.

He further unveiled exciting new features on the Cookr app, including the innovative initiative to sell homemade masalas, batters, and other culinary essentials. This diversification not only enriches the user experience but also positions Cookr as a one-stop platform for diverse culinary needs.

Beyond showcasing success, Mr. Alagappan generously shared valuable insights and tips for aspiring startups, reflecting Cookr's commitment to fostering entrepreneurship and innovation within the community. His speech effectively captured Cookr's dynamic growth, strategic expansion, product innovation, and collaborative spirit aimed at empowering the startup ecosystem.





### Round 1 - Day 1

MBA PODM students from various colleges across Tamil Nadu enthusiastically participated in the Marathons, forming a total of 36 teams. After a rigorous screening process, the top 20 teams advanced to Round 2.

To ensure fairness and transparency, the quiz was conducted on quiz.com. Following the inauguration at the library block, Round 1 commenced in the afternoon session at the TLC, MBA block lecture hall in CIT. The quiz began at 12:30 pm after the distribution of instructions and refreshments.

## GALLERY







## Leaderboard:



Teams shortlisted for Round 2 are:

S.No	Team No	Participant names
1	Team 19	Kovvika B, BestBasavriga M & Naveen VC
2	Team 1	Rahul MB, Jalendar Kumar K & Nagaraja M
3	Team 10	Makilen V, Jagan P & Srini BS
4	Team 15	Jeevika K, Harikaran S & Prathiba M
5	Team 38	Krupasankar U, Varadharaj S & Gokulaprasath B
6	Team 18	Varadharavanta G, Siva prathasaik E & Madhan G
7	Team 7	Chinnasa S, Aravind K & Naga Dandaraman SK
8	Team 12	Naveen K, Gokul P & Karunya K
9	Team 16	Bharana A, Mahaprasath C & TrivanaFalvy D
10	Team 11	Karthikayan R, Logeshwaran S & Elanbion MB
11	Team 20	Gowtham D, Lalitharajam C & Koushika P
12	Team 14	Thirumangalakota S, Utkayashankar M & Sannarathika P
13	Team 35	SankarPradyakshan B, Srinivas S & Madhusudana S
14	Team 27	Yaswanth SK, Vishalakshmi T & Krishna P
15	Team 25	Naveen SR, Saikrishna D & Senthosh N
16	Team 21	Keerthana T, Karunya K & Swathi S
17	Team 2	Aksayya AS, Elayakumari M & Sneha C
18	Team 6	Souranya T, Deepa K & Bhargava KM
19	Team 30	Jasani N & Karthika AM
20	Team 17	Koushik C, Naveedhuma M & Arunkumar B

#### Discussion:

In Between Round 1 and 2, the Corporate team from Cookr had discussion with the Management and Department faculties about the job opportunities for MBA, Corporate market expectation and many more.



### **Round 2 - Day 1 and 2**

After Round 1 of the Business Quiz, the top 20 teams progressed to Round 2, where they tackled problem statements designed to address operational & Marketing challenges faced by Cooks.

- **Problem Introductions and Support**

On the afternoon of April 16th, the 20 participating teams received two problem statements related to Cooks's operations. The Cooks technical team provided valuable assistance by clarifying any doubts the teams encountered when developing their solutions.

- **Solution Development and Submission**

Teams were encouraged to be creative in their approach and were allowed to submit their solutions for the problem statement in various formats before 10:00 PM on April 16th. Acceptable formats included presentations (e.g., PowerPoint), reports, videos, or any other effective medium for conveying their solution.

- **Round 2 Presentations**

On April 17th, teams were called upon to present their developed solutions to a panel of judges.

### **Learnings of Round 2:**

Round 2 presentations prioritised fitness with random team selection. To ensure efficient evaluation, two teams presented simultaneously in separate rooms, each facing a three-member jury. This panel comprised a hosting institution representative and two CoCo technical specialists, guaranteeing expertise and impartiality.

Our team's thorough pre-discussions on the problem statement proved invaluable. We delivered a concise and clear presentation of our solution, maximising the tight 15-minute window. The jury's insightful questions demonstrated their engagement, and our team responded with coordinated clarity and confidence.

Our success stemmed from meticulous preparation and a deep grasp of both the problem and our proposed solution. This allowed us to utilize every minute effectively, leaving a positive impression on the jury. Round 2 showcased our commitment to excellence and ability to perform under pressure.

### **GALLERY**









### Round 3 - Day 2

The afternoon session culminated with Round 3, where 10 teams presented their innovative business ideas and strategic approaches to a discerning jury panel at 2:30 PM in the TLC's Meeting Room, CIT. The jury, comprising Coole industry experts and a CIT faculty member, meticulously evaluated each presentation based on originality and viability.

The final round saw the finalists delve deeper, presenting their comprehensive business models through the Business Model Canvas to a distinguished panel. This panel offered a blend of academic and industry perspectives, featuring a faculty member from other CIT departments and the Vice President of Coole. Following a thorough evaluation, the winners were announced, marking the successful conclusion of the Business Case Competition.

This event not only served as a platform for budding entrepreneurs but also fostered valuable collaboration between academia and industry, nurturing innovation and entrepreneurship within the community.

### Learnings of Round 3:

Condensing our ideas into a concise 3-minute Business Model Canvas presentation proved refreshingly challenging. It demanded meticulous preparation, strategic thinking, and collaborative brainstorming to effectively communicate every aspect within the tight time frame. Delivering a precise yet expressive presentation required careful thought and articulation, honing our communication skills while offering valuable insights into

entrepreneurship and strategic planning. This rewarding journey equipped us with invaluable skills that will undoubtedly benefit us in future endeavors.

**The teams Selected for Final Round (round 3):**

S.No	Team No	Participant Names
1	Team 19	Kovvica B, Sree Sasthira M & Navan VC
2	Team 1	Sekal MB, Jekinder Kumar K & Nagaraja M
3	Team 10	Madhava V, Anand P & Srija RB
4	Team 36	Krupasankar U, Varadharaj S & Gokulaprasath B
5	Team 18	Urvish Saravathi G, Sree prakasath E & Mithran G
6	Team 7	Chakras S, Arvind K & Naga Devibharathi SK
7	Team 12	Navan K, Gokul P & Hanvya R
8	Team 11	Karthikeyan P, Logeshwaran S & Elambirai MB
9	Team 33	Beehan Pachayankar B, Irahana S & Madhuranthe S
10	Team 2	Akshay AS, Hiyatharathin M & Saaka C

## Guest Lecture - Day 2

Mr. Prabh Sankaranarayanan, the co-founder and CEO of Cookit, a one-of-a-kind food tech startup, is on a mission to nourish people with delicious, healthy meals. Cookit leverages technology to connect home cooks with customers, making wholesome food accessible and convenient.

Prabh believes everyone deserves a healthy diet without sacrificing taste. He envisions Cookit as a force for "nourishing humanity with wholesome food and spreading the joy of well-being." Their mission is to empower communities by providing access to delicious home-cooked meals through technology and local kitchens.

In an interactive session with students, Prabh answered questions about his journey, Cookit's business model (including cost structure and marketing strategy), and their home chef selection process. He patiently addressed each question with clarity.

The session took an interesting turn when Prabh presented a current challenge faced by Cookit. Students eagerly participated, offering innovative solutions to help him navigate the obstacle. Overall, the session provided valuable insights into Prabh, Cookit, and the future of healthy eating.





### Valedictory Function:

The award ceremony, held at 4:30 PM in the Placement Hall, was a well-attended event with the Principal, MSA MOU, AL ML Dean, event sponsor, faculty, staff, participating teams from other colleges, and CIT students. Amidst enthusiastic applause, prizes were distributed to the winners, followed by a heartfelt speech from the organizers, expressing gratitude to all participants.

Appreciation was extended to the volunteers who supported the event, and the winning teams were encouraged to stay connected for potential future collaborations. The event concluded with congratulatory handshakes and recognition of the judges' valuable contributions, marked by the presentation of gifts.

This experience provided an invaluable platform for participants and students alike, fostering knowledge and insights within their respective fields. Everyone left feeling inspired and motivated to tackle future challenges, solidifying the event's resounding success.



### Prize Distribution

Dr. Nagarani (Principal of CIT), Mr. Prabhakararickasan (CEO of Cookr), and Dr. M. Senthil (HoD of MBA) presented awards to the event winners. The Management of CIT offered cash prizes, while Cookr provided vouchers to the winners.

The Final Round Winners of the Marathon are,

Winning Place	Team No	Winners
1 <sup>st</sup> Place	Team 1	Rahul MS, Jaiender Kumar K & Nagaraja M Coimbatore Institute of Technology
2 <sup>nd</sup> Place	Team 10	Mukilan V, Rajani P, Srija NS Kumaraguru College of Technology
3 <sup>rd</sup> Place	Team 19	Kovvika B, Sanj Sarithra M, Nirasa VC Coimbatore Institute of Technology



### **Publicings:**

List of Publications that published about the event "Marathon" at CIT Institutions

1. The Hindu -Education Hub
2. The Coval Mail News
3. Coval Chronicle

(<https://www.covalchronicle.com/english/cover-story/cit-brings-together-innovators-to-create-solution-to-pressing-challenges>)

## EDUCATION HUB

Techniques Eng. at NIGB College



**A** group of five first-year students at NIGB College, DDU, Maharashtra, Prasad, presented very well. They demonstrated their systems through a software program. The first student, Prasad, addressed the students and asked them to give an oral presentation in their class. The students were of different countries as well as various countries and universities. The first student asked the others how they were doing. The first student, Prasad, addressed the students, Prof. Dr. Ravi Kulkarni, Head, Computer Dept., & Professor, Prasad, very well.

Students - Management Studies, NIGB College



**M**anagement Studies, NIGB College, Maharashtra, Prasad, presented very well. They demonstrated their systems through a software program. The first student, Prasad, addressed the students and asked them to give an oral presentation in their class. The students were of different countries as well as various countries and universities. The first student asked the others how they were doing. The first student, Prasad, addressed the students, Prof. Dr. Ravi Kulkarni, Head, Computer Dept., & Professor, Prasad, very well.



### List of Participants:

Team no.	Participant name	Institution Name
1	Kabul ME Ickinder Kumar K Nagaraja M	Coimbatore Institute of Technology
2	Alshayan AS Elayakumar M Sasith C	VET Institute of Arts and Science, Erode
3	Samosa R Srinivasan MP Vidul GK	VET Institute of Arts and Science, Erode
4	Suzantha A Alshayan RS Sankhinsonar S	VET Institute of Arts and Science, Erode
5	Laxar Golan Parva Kashin G Jaswanthina K	PGG Institute of Management, Coimbatore
6	Sensaya T Deepa K Bhargava KM	Vivekananda Institute of Information and Management Studies, Tiruchengode, Namakkal

7	Dhanu S Arvind R Naga Deeburina KK	PWRI Institute of Research in Management, Coimbatore
8	Hema R Machimath K Sahar S	Vivekananda Institute of Information and Management Studies, Tiruchengode, Namakkal
9	Vijayalakshmi K Janita J Shruthi J	Vivekananda Institute of Information and Management Studies, Tiruchengode, Namakkal
10	Mukim V Ramesh P Sriya RS	Kannagara School of Business, Coimbatore
11	Karthikeyan P Loganathan S Elambira MS	Bannari Amman Institute of Technology, Sathyamangalam, Erode
12	Narayan S Geetha P Kavya K	Bannari Amman Institute of Technology, Sathyamangalam, Erode
13	Shanvi J Vasanthi A Subalata K	Bannari Amman Institute of Technology, Sathyamangalam, Erode
14	Thiruvengadam S Uthayakumar M Santoshika P	Solathi Institute of Information and Management Studies, Pollachi
15	Jeevika K Harikrishna S Pavitra M	Kalaigai Karumudi Institute of Technology, Coimbatore
16	Saranya A Mohan prasad G Trisha Felcy D	Kalaigai Karumudi Institute of Technology, Coimbatore
17	Krushik C Narashankar M Arashankar B	Refinam School of Business @ Tps Global, Coimbatore

18	Varsha Sarnathi G Siva Pratheesh E Mithran G	Kannangara School of Business, Coimbatore
19	Krunika B Sachin Sathiriga M Narayan VC	Coimbatore Institute of Technology, Coimbatore
20	Geethika D Lalitharajna C Krunalika P	Koaga Engineering College, Pennakudi, Erode
21	Karthika T Kavya K Srinath S	Koaga Engineering College, Pennakudi, Erode
22	Smriti Y Kirthika S Jaya Chaitanya J	Kathiraman School of Business @ Tiji Global, Coimbatore
23	Bhoomika E Mrunika U Sahithini M	Koaga Engineering College, Pennakudi, Erode
24	Sanjay G Saha Manikandan P Surya Narayanan GB	Koaga Engineering College, Pennakudi, Erode
25	Narayan SR Sakshi Sankar D Sathish N	Koaga Engineering College, Pennakudi, Erode
26	Zohab Akhtar Ali N Srujanika SK Kunalika SB	Koaga Engineering College, Pennakudi, Erode
27	Yashika SK Vidhishanar T Krisika P	Koaga Engineering College, Pennakudi, Erode
28	Sowmya R Sankita TD Akshya V	Koaga Engineering College, Pennakudi, Erode

29	Tirumathan M Poornima N Saranya N	Koaga Engineering College, Perambalur, Erode
30	Jasni N Karthika AM	Koaga Engineering College, Perambalur, Erode
31	Dhanalakshmi U Kavita V Sathya N	Koaga Engineering College, Perambalur, Erode
32	Suganya Kumaran VR Preethika EB Sankarapriya ST	Koaga Engineering College, Perambalur, Erode
33	Banika Packiyandam S Ishitha S Madhumitha S	Nelra College of Management, Thiruvalluvarpettai, Coimbatore
34	Sathya Lakshmi S Rajni ST Vignesh KS	Koaga Engineering College, Perambalur, Erode
35	Shruthika E Srinitha K Yogashritha S	Koaga Engineering College, Perambalur, Erode
36	Krupasankar U Varadharaj S Gokulapriya S	Coimbatore Institute of Technology, Coimbatore

Certificates:





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**DEPARTMENT OF MANAGEMENT STUDIES**



## CERTIFICATE OF APPRECIATION

This certificate is hereby presented to

In recognition of her/his outstanding achievement as part of the **Second Prize** winning team of the **IACATHON (The Great Ambassador Initiative)** organized by Career Guidance and Counselling Cell & Department of Management Studies, Coimbatore Institute of Technology on 16 & 17 April 2020.

**Dr. J. Shree**

Principal / Chancellor

**Dr. S. Tilagar**

ICE - 2000 Coordinator

**Dr. M. Suresh**

ICE - 1000

**Dr. A. Rajan**

Principal



**COIMBATORE INSTITUTE OF TECHNOLOGY**

Coimbatore - 641 013, Maharashtra, India  
Approved by AICTE, New Delhi, and Affiliated to Anna University, Chennai - 600 095

**CAREER GUIDANCE AND COUNSELLING CELL**

&

**DEPARTMENT OF MANAGEMENT STUDIES**



## CERTIFICATE OF APPRECIATION

This certificate is hereby presented to

In recognition of her/his outstanding achievement as part of the **Third Prize** winning team of the **IACATHON (The Great Ambassador Initiative)** organized by Career Guidance and Counselling Cell & Department of Management Studies, Coimbatore Institute of Technology on 16 & 17 April 2020.

**Dr. J. Shree**

Principal / Chancellor

**Dr. S. Tilagar**

ICE - 2000 Coordinator

**Dr. M. Suresh**

ICE - 1000

**Dr. A. Rajan**

Principal

## Conclusion:

The Marathon, hosted by Coimbatore Institute of Technology (CIT), was an exhilarating journey of creativity, collaboration, and problem-solving. Bringing together innovators, developers, and enthusiasts from diverse backgrounds, this inter-collegiate initiative was aimed to tackle pressing challenges through ingenious solutions. As the curtains fall on this exhilarating event, the Head of the Department extends heartfelt gratitude to all participants for their unwavering commitment and tireless efforts. Participating students for their passion, resilience, and brilliant ideas. Collaborative partner (Dooku) for their support in making Marathons a rewarding success.

In the spirit of innovation, let us celebrate the power of ideas and the collective brilliance that shines within the walls of CIT. Until the next Marathon, keep ideating, creating, and transforming the world!







## **MBA INTERNAL HACKATHON REPORT**

### **About the Event:**

Smart India Hackathon 2023 is a nationwide initiative to provide students a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving. The Department of Management Studies has initiated to conduct SmartIndia Hackathon department level competition in two stages. We have identified from 1 MBA 10 teams (Each team consist of 6 members) & from 3 MBA 10 Teams (Each team consist of 6 members) with the total of 20 teams.

**The First stage:** Initial screening was carried out on 15/09/2023 based on power presentation (Covering idea, Theme, Problem Statement and Topics). The teams were categorized in 10 teams from hardware and 10 teams from software. The panel consisted two external judges with CH, college and two internal faculty members. The evaluation was done by:

1. Software the jury members are Dr.D.Kavitha, Assistant Professor, Department of AI & ML, CH and Dr.Jeyanthi, Associate Professor, DeMS, CIT.
2. Hardware the jury members are Dr.D.Kavitha, Dr.H.Purnalatha, Assistant Professor, ECE, CIT, Dr.AG Sathya, Associate Professor, DeMS, CIT.

### **Judging Process for 1 Round:**

The panel screened each teams and shortlisted 5 teams from hardware and 5 teams from software.





## COIMBATORE INSTITUTE OF TECHNOLOGY

Coimbatore Institute of Technology, Coimbatore - 641 029

Phone: 0232-2614000

DEPARTMENT OF MANAGEMENT STUDIES

Annual Report - 2021-22

Department of Management Studies has conducted Group Discussion and Presentation in the following manner during the semester for BBA Program.

Sl. No.	Topic	Students
1	1. The Role of Women in Society	1. Ananya S. S. 2. Ananya S. S. 3. Ananya S. S. 4. Ananya S. S. 5. Ananya S. S.
2	2. The Role of Women in Society	1. Ananya S. S. 2. Ananya S. S. 3. Ananya S. S. 4. Ananya S. S. 5. Ananya S. S.
3	3. The Role of Women in Society	1. Ananya S. S. 2. Ananya S. S. 3. Ananya S. S. 4. Ananya S. S. 5. Ananya S. S.
4	4. The Role of Women in Society	1. Ananya S. S. 2. Ananya S. S. 3. Ananya S. S. 4. Ananya S. S. 5. Ananya S. S.
5	5. The Role of Women in Society	1. Ananya S. S. 2. Ananya S. S. 3. Ananya S. S. 4. Ananya S. S. 5. Ananya S. S.
6	6. The Role of Women in Society	1. Ananya S. S. 2. Ananya S. S. 3. Ananya S. S. 4. Ananya S. S. 5. Ananya S. S.
7	7. The Role of Women in Society	1. Ananya S. S. 2. Ananya S. S. 3. Ananya S. S. 4. Ananya S. S. 5. Ananya S. S.
8	8. The Role of Women in Society	1. Ananya S. S. 2. Ananya S. S. 3. Ananya S. S. 4. Ananya S. S. 5. Ananya S. S.
9	9. The Role of Women in Society	1. Ananya S. S. 2. Ananya S. S. 3. Ananya S. S. 4. Ananya S. S. 5. Ananya S. S.
10	10. The Role of Women in Society	1. Ananya S. S. 2. Ananya S. S. 3. Ananya S. S. 4. Ananya S. S. 5. Ananya S. S.

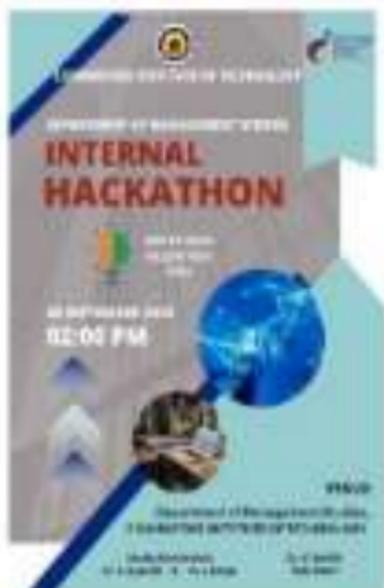
  
Head of Department

  
Head of Department



The Jury photos of First Round:

**The Second Stage:** The second round of smart India Hackathon Internal round was held on 26th September at DMS, CIE. In this Competition, the shortlisted 10 teams entered in the next level presentation. The Teams presented their specific idea with problem statement.



The jury for the second round is **Mr. Divyanshu R.** Executive CRM Relations, AK Rise Business Incubator and **Mrs. Apitha B.** HRM and Subject Expert, Bosch Global Software Technology. In the 2nd level of hackathoning, Teams will be selected from/through representation MBA in their college level

**Jury Photo of Second Stage:**



**Mr. Divyanshu R & Mrs. Apitha B**

### Judging Process for II Round:

The panel scrutinized each team and shortlisted two teams based on the rubrics for 100 Marks which consist of Novelty of Idea (20), Clarity and Clarity (20), Feasibility, Practicality & Sustainability (30), Scale of Impact, User Experience & Potentiality (20) & Future Scope (30).

Sl. No.	Team Name	Novelty of Idea	Clarity and Clarity	Feasibility, Practicality & Sustainability	Scale of Impact, User Experience & Potentiality	Future Scope
1	Team 01	15	15	25	20	25
2	Team 02	15	15	25	20	25
3	Team 03	15	15	25	20	25
4	Team 04	15	15	25	20	25
5	Team 05	15	15	25	20	25
6	Team 06	15	15	25	20	25
7	Team 07	15	15	25	20	25
8	Team 08	15	15	25	20	25
9	Team 09	15	15	25	20	25
10	Team 10	15	15	25	20	25

### Nominated Top Teams:

**TEAM 03:** Suresh R, Gayatri K, Manika K, Varadham S, Anupama K, Rishi U.

**TEAM 05:** Vidura Prasad K, Ramesh K, Srujan M, Nivaran VC, Pravin A, Ajanay M.

**PHOTOS OF THE EVENT ORGANISED AND PARTICIPATING TEAMS:**



**Team 05**



**Team 06**



**Team 07**



**Team 08**



**Team 09**



**Team 10**

Team 06



Team 04



Team 20



Team 15



Judge Feedback





University of Technology  
Department of Management Studies

Page No. \_\_\_\_\_  
Date \_\_\_\_\_

**Introduction to Business**

This is a two-year undergraduate programme in business studies. The programme is designed to provide students with a solid foundation in business studies. The programme is designed to provide students with a solid foundation in business studies. The programme is designed to provide students with a solid foundation in business studies.

Year End

*[Signature]*  
Dr. M. J. ...  
Professor & ...  
Department of Management Studies ...  
University of Technology ...  
Cairo ...

*Care To Deputy Assistant  
Michele*

*Page  
01/04/2020*

Faculty Coordinator

*Lead  
01/04/2020*  
*Hilary  
Michele*  
*[Signature]*

**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF MANAGEMENT STUDIES**

Welcomes you to...

**"VIPANAM 2023"**

*Relish, Rejoice, Repeat*

**Inauguration by**  
**Mr. S. Rajiv Rangasami**  
Convenor, CIT

**Felicitation by**  
**Ms. K. Divya Mohana Rajiv**  
Coordinator, CIT

**Presided by**  
**Dr. A. Rajeswari**  
Principal, CIT

**Welcome by**  
**Dr. M. Senthil**  
Hub - DuVil, CIT

Special performance by - CIT Music club

**DECEMBER 11, 2023**      **9:30AM - 5:30PM**

**GAT GROUND CIT**

FOOD   GAMES   ACCESSORIES   MERCHANDISE   MUSIC

## INTRODUCTION :

Vipanam is a marketing event which is conducted by the Department of Management Studies every year. The students were divided into 15 groups consisting of 6 members in a team. The stalls have been allotted to each team based on the sections conducted by the department. Vipanam 2023 was carried out on 15<sup>th</sup> December, 2023 from 9:30 am to 3:30 pm at OAT Ground, CIT. Each team was given Rs.5000 as seed money by the management. The programme was inaugurated by M.S.Raju, Rangamm, Correspondent, CIT, felicitated by M.K.DhyanMohana Raju, Co-coordinator, CIT, presided by Dr.A.Rajawani, Principal, CIT, Dr.VB.Lakshmi-Advisor, CIT and welcomed by Dr.M. Sankh, HoD - D&MR, CIT. The special performance was given by CIT Music club.



In this Vipanam event, there were 3 judges who judged the teams based on the criteria such as innovative product idea, marketing strategy, teamwork, decorum of the stalls, reasons for choosing the product, successful campaigning, sales during the event, profit earned from the event and maintenance of bills and accounts. Vipanam, organized by the Department of Management Studies annually, is a significant marketing event at our institution. This year's event saw active participation from both students and staff, with 15 teams competing and showcasing their products.

## STALL PRESENTATIONS AND PRODUCTS

Products ranged from delectable cakes like Red Velvet, Mango, and Cheesecake to savory treats like Maggi, pasta, Spiral Potatoes, Sausage Biscuits, French toast, Thru Quenchers like Idrak, curries, soups, fresh juices and bubble tea. Additionally, Handmade accessories added a unique touch to the stall's offerings, appealing to a broad spectrum of customers. Polaroid cameras, Nail art, Makeup, Customized photo frames were also the center of attraction. Several games including scratch cards, Dart board, Spinner were also conducted by the teams. There was a huge attraction towards cosmetics among the female customers.



## TEAMLIST

TEAM NO	TEAM LEADER	MEMBERS	CATEGORY	CRITERION			
1	ADITHYAN P	SHEKHAR & FOOD TRAY			VARIOUS		
		SERVICE BOUTIQUE TRUFFLES			CONTRIBUTION	EV	
		VISHU & MEGHA			BOOTH		
		NAGARAJA			MINOR	CRAFTS ITEM	
		SHARATH			ICE	COLA	
2	MIRALI KRISHNA S D	SUBATHRA & DANES			MERCH		
		KODANDU & K			MERCH	ODDIAE ART	
		SURYA SAI			SERVICE	CUSTOM GFTS	
		ARAVINDH			N DANES		
		SARATH			MERCH		
3	DARSHANA MY	VARACHARAJ			FOOD ALPACAN		
		MADEHAN KUMAR			SERCH	ANDI PLAVY	BEVANT
		KUNINDAR				ORILL	
		KIDANIL					
		SREYA			MERCH		
SREYAS			ANDI				
4	SHASHI PREETHA S	ADARAJITH	FOOD	NOCKTAL			
		KELKAS	NOCKTAL				
		SHRUTHI		PREMIUM			
		SHREYA		PREMIUM			
		VERASHEE		PREMIUM			
5	LINDRA	GANITH K	FOOD	ACCESSORIES			
		ORUNLA	PREMIUM	MERCHANDISE			
		MIRASA	PREMIUM	SERVICE			

4	SHASHI PREETHA S	ADARAJITH	FOOD	NOCKTAL
		KELKAS	NOCKTAL	
		SHRUTHI		PREMIUM
		SHREYA		PREMIUM
		VERASHEE		PREMIUM
5	LINDRA	GANITH K	FOOD	ACCESSORIES
		ORUNLA	PREMIUM	MERCHANDISE
		MIRASA	PREMIUM	SERVICE

6	SHELL PRASANTH	SUBAR BISHU VISHVAKA K	FOOD	SARATHI TASHTES
		ARUNIM S SUTRAN PORTRAIT'S	GAJES	PERUCE GAMES
		SUGHEELA SATHIEM SUDHAKAR SUDHAKAR FOOD PRESENTATION	SERVICE	WAFFLE ACCESSORIES
7	PRADIP SUDHAKAR	ADITHYAN		DELICATES
		KANISHK		PET-FLOWERS AND BIRDS
		MANISHA		ICE CREAM STICKS

8	KOPPELAK	MOHANA K V GAMES SPIRAL POINTS		
		REETHU/BALU D FOOD TROPICAL FOOD		
		BABU PRASAD A BISHU PUNE		
		RETHU A A CHICKEN POOLIE		
		SHREYAS MADHUKAR SUDHAKAR		SCRATCH CARD
18	SANTHA SUDHAKAR	ARUN A J GAMES SUDHAKAR CHICKEN/FRUIT BAKE		
		SUBRAKSHAN SERVICE TEMPORARY TATTOO		
		KARTHIVEL S FOOD CHOCO LAVA CAKE		
		MAYA V C DORITS TANISHA S NOODLES		
		GOPHATHA S FOOD SHAKE BISCITS SOYBEAN S ACCESSORIES SELFIE ZONE		
		VISHVA S SUDHAKAR CHOCOLATE		
		TRIVATHI V GAMES NAIL POLISH MEDHAKRISHNA		

11	HARSHV B	GOUTHERY FOOD SHAWARMA	
		MARSHIE GAMES LABRATOR	
		NAVEEN KIDAR E	CARRON GAMES
		VISHVAKASH SAINI CLUB	
		LATHI CHANDLER	BOUY ITEMS

12	JOSHUA B	ABOUL SHEKAR FOOD-CHEESE BREAD	
		DALE B ACCESSORIES MOBILE ACCESSORIES	
		MANDANTH KEYBOARD	
		ROSET A S SWEET, OVEN PIZZA	
			SANDWICH
13	KARUNAKSHAR	SHYAM SUNDAR FOOD MITHAI WIRE GAME	
		SEELI GUNGANI GAMES BOU TIRON	
		SHAKTI KIDARLAD	ONLINE GAMES
		SANVETRA LADDER	FRIDGE
		DEVA S FLIP GAME	
14	ANAY KIDAR N	ELASTAR FOOD VED BRYANT	
		RATH KARTHIK A P	GLAR
		VIA TEJASKA VE	CON'DA BOTTLE
		ABHINAV S BOO VARIETIES	
		MOHITH VIKAL RACE	
15	SHEKAR PRASADH . G	DEEPAH ROYAL FOOD PANCAKES	
		ITHAIRI CHOCOLATE	

		DIVERSE BREAD GOOD PIE
		SOFTVALE BELLET BROWNIE
		TRIVIA BRAGGERS

16	JAGGIE Q	LAUNDRY FOOD	KARI SORU		
		STORAGE/OTHEL & GAMES	BBQ		
		ARAYD.D	ICE CREAM WITH FAVORS		
		BABU PRABATHI	GAUMI		
		ELITE	SET FISH		
17	RAGNITA R	DREPTWIS-C FOOD	FRED CHICKEN (STRIPS, FOR CORN)		
		AKELIEM	BARBOTA		
		SONOMARZAP	MILKTO		
		MOLESTVAGLOR	CORN		
		ADHARIS SANTOSMY			
		18	PALAGARRAYE	HEINSHAVUD-C-1 FOOD	DEARTRADA
				DEYF GAMES	CUPCAKE AND MUFFINS
		DREEDADGALANT	FOOD TRUCK/ FRIED RICE CHICKEN AND EGG		
		STACHEY	JEWELLERY ITEMS		
		ELIAN CEREAL-C	GAUMI		
19	CHICKLAWIE/ JYPEROLE	ASAGALS FOOD	BROWNIE WITH ICE CREAM		
		ELIEMITH ACCESSORIES	CHICKEN STARTERS		
		ASHAYLE	BAKERY GOODS		
		HANDKITHARIS	BOOKMARKS		
		ACHANAD	CARDS		





SEED MONEY DISCUSSION







## **RULES AND REGULATIONS:**

### *Modalities of the event*

- College will provide Rs.3500 as the seed money for the event. This has to be refunded back to the college.
- Students who use electricity will have to bear the electricity charges for the utility.
- Students will have to pay "a certain amount" as a space rent.
- Students are suggested to avoid competitive products or services among their offerings. • Students have to do pre-event campaigning and create a BUZZ about the event inside the CIT campus.
- Students have to maintain decorum and discipline during the event.
- Students have to maintain strict cleanliness before, during and after the event. All trash removal after the event is the responsibility of the Teams.
- Students have to work only with their respective teams.
- Students are permitted to invest Rs.1500 as their team investment over and above the seed money.
- Students have to record all their transactions and submit bill, Income & Expenditure statements within 48 hours after the completion of the event. The format of Income & Expenditure statement will be provided by the department.
- Students have to submit the written copy of their marketing strategies immediately after the event.

- Students should communicate with the department clearly about their product/service genre selection without ambiguity.

- This is a competition for evaluating the students and judging their business orientations. •

The criteria for judgment will be as follows: 1. Team Work 2. Successful campaigning 3. Sales during the event 4. Profit earned from the event 5. Maintenance of Bills & Accounts. 6.

Marketing Strategy

- Total cash price : Rs 30000

## MARKET RESEARCH

### REPORT I

#### *Market Analysis Report for Bubble Drinks*

##### **Introduction**

Bubble Drinks is a new product that offers a refreshing and delicious drink that combines chewy tapioca pearls with tea, milk, and various flavors. The product is targeted at college students in Coimbatore Institute of Technology (CIT), a government-aided autonomous engineering college located in Coimbatore, Tamil Nadu, and India. The product aims to provide a satisfying and affordable beverage option for the students, as well as to create a loyal customer base and a competitive edge in the market.

**Market Overview** The product belongs to the bubble tea market, which is a popular drink that originated in Taiwan and has gained popularity in many countries, especially among young consumers. The global bubble tea market size was valued at USD 2.2B billion in 2022 and is projected to grow at a CAGR of 7.31% from 2023 to 2030. The Asia-Pacific region is the largest and fastest-growing market for bubble tea, followed by North America. The major factors driving the market growth are the increasing demand for non-alcoholic and low-calorie beverages, the rising disposable income and urbanization, the growing gastronomic tourism, and the influence of social media. The bubble tea market can be segmented by type, flavor, and region. By type, the market can be divided into black tea, green tea, oolong tea, and white tea. By flavor, the market can be categorized into original, fruit, chocolate, coffee, and others. By region, the market can be analyzed for North America, Europe, Asia Pacific, Latin America, and the Middle East and Africa.

**Market Size** The potential market size for the product in CIT can be estimated by using the following formula: Market size = Number of students x Penetration rate x Purchase frequency x Average spending. Assuming that the number of students and staff in CIT is 5000, the penetration rate (the percentage of students who are aware of and interested in the product) is 30%, the purchase frequency (the average number of times a student buys the product in a month) is 4, and the average spending (the average amount of money a student spends on the product per purchase) is INR 50, the market

size can be calculated as:

Market size = 1000 x 0.2 x 2 x 10

Market size = INR 1, 30,000 per month

That is INR 5,000 every day if the product is available on campus constantly. However, because this is a one-day event, the purchase frequency may vary, and we can expect roughly INR 20000 per day. Compression Bubble Drinks is a new product that offers a refreshing and delicious drink that combines cherry tomato pops with tea, milk, and various flavors. The product is targeted at college students in Coimbatore Institute of Technology (CIT). The product aims to provide a satisfying and affordable beverage option for the students, as well as to create a loyal customer base and a competitive edge in the market. The product has a potential market size of INR 20,000 per day in CIT, and can leverage its customer needs and wants, competitive advantage, and market trends and challenges to create a successful market entry strategy.

## Market Analysis Report for Dart Board Game

### Introduction

The dart board game is a fun and exciting activity that involves throwing darts at a circular board with numbered segments. The game can be played individually or in teams, and the score is determined by the position of the dart on the board. The game can be enjoyed by people of all ages and skill levels, and it can also improve hand-eye coordination, concentration, and mental arithmetic.

### 1. Target Audience

- Primary audience: 3000 college students.
- Age range: 18-25.
- Interests: Identify popular interests among students, considering hobbies and preferences.

### 2. Competitor Analysis

- **Scratch Card Flip Game:** Strengths: Instant gratification, simplicity. Weaknesses: Limited engagement, repetitive.
- **Metal Wire Game:** Strengths: Physical challenge, uniqueness. Weaknesses: Skill level required, potential injuries.
- **Carom:** Strengths: Traditional appeal, multiplayer. Weaknesses: Space requirement, durability.

### 3. SWOT Analysis

- **Strengths**

Innovative game concept. Engaging gameplay for a wide audience.

- **Weaknesses**

Initial awareness and adoption challenges. Potential competition from established games.

- **Opportunities**

Tap into the growing interest in unique and interactive games. Collaborate with college clubs for promotion.

- **Threats**

Limited budget for marketing.

Possible saturation of the game market in college events.

#### 4. Demand and Trends

- Gaming is popular among college students.
- Trend towards interactive and novel game experiences.

#### 5. Feedback Mechanism

- Implement surveys and focus groups to gather expectations.
- Adapt game features based on feedback received.

#### 6. Marketing and Promotion

- Utilize social media platforms for promotion.
- Create visually appealing posters and distribute them within the college.
- Encourage word-of-mouth through student ambassadors.

#### 7. Cost and Revenue Model

- Estimate development costs and event logistics.
- Consider revenue streams like entry fees or sponsorships.

#### 8. Logistics and Infrastructure

- Ensure availability of suitable space.
- Confirm technical and physical requirements are met.

Market Analysis for Custom Gifts at Coimbatore Institute of Technology (CIT) In the bustling environment of Coimbatore Institute of Technology (CIT), the introduction of custom gifts presents a unique opportunity to tap into the preferences of both students and staff. This market analysis delves into various aspects to craft a comprehensive understanding of the landscape and to formulate effective strategies for success. The target audience comprises the diverse community within CIT, encompassing students and staff across different departments and age groups. Understanding the demand is crucial; custom gifts, with their personal touch, cater to a culture of thoughtful gifting, creating a niche within the market. The potential exists for a wide array of preferences, reflecting the varied tastes and interests within the CIT community. To gain a competitive edge, a thorough analysis of existing gift shops and vendors in and around the campus is essential. This involves evaluating their product offerings, pricing strategies, and customer feedback. Identifying a Unique Selling Proposition (USP) becomes imperative whether it's through personalized designs, high-quality materials, or exclusive offerings; the custom gifts must stand out. Considering the financial constraints of students and staff, a pricing strategy that aligns with their budget is crucial. Offering different price points to cater to various budgets can broaden the appeal of the custom gifts. Exploring effective distribution channels is a pivotal aspect of the market strategy.

This might involve participation in campus events, leveraging social media platforms popular among the CIT community, or forming partnerships with existing stores on or near the campus. Strategic marketing is key to success. Utilizing social media platforms for targeted advertising and collaborating with student organizations for promotions and events can enhance visibility. Establishing a feedback mechanism ensures a continuous improvement process, allowing the product offerings to evolve based on the dynamic preferences of the customers. Understanding seasonal trends is another crucial element. Identifying specific events or academic milestones at CIT where custom gifts could be particularly popular can aid in planning marketing efforts and product launches. Regulatory considerations must not be overlooked. Ensuring compliance with university and local regulations related to selling products on campus is paramount for a smooth operation.

## REPORT 2

### "RICH N NOURISH"

The name "RICH N NOURISH" was given to our stall-19 after analysing the key reasons in including the products to our menu for the marketing day. We emphasized that every

kind of customer is important, so we went into bringing a key product that would strike the students in the basic aspects of life- Food, Knowledge and Mother Earth or the Environment. The concept or the focus of our stall is to nourish the stomach, then the brain and then the world and the environment. We made sure that we had some customized products for the customers, in order to get them drawn towards our stall. Though we were the last stall, these were customers who came to get the products from our stall, due to the availability of varieties offered by us. Initially our team planned on providing a line cooker with freshly cooked chicken starters and vegetarian starters but due to the challenges in the climate and availability of the cooker, we decided to enter into that variant. But in order to tackle that, we brought in our innovative product- the sustainable pot with a succulent plant. The sustainable pot would cost around more than ₹100 to ₹1000 per piece due to the hand crafted artistry as well as the rare availability of the product. But this product has a huge scope in the future with more varieties of usage of coconut shells as a sustainable product.

The whole product is made from the coconut shell with a lot of adjustment according to the type of shell used. It is in order to promote this product we negotiated with the vendor and got to sell the product at ₹200 with a profit percent of 20% per product. We also got a 50% share on selling per piece of bookmarks while we get about 10% share from the bakery products. The number of customers and visitors for this year's Vjyasan has increased due to the awareness brought out by the management and the MBA students. We conducted a student survey and did a study on the type of customers available in the CIT campus. This helped to decide on the range of products and also come up with a specific list. The students also created awareness of the marketing day event through a flash mob performed by the MBA students a day prior to the marketing day. This allowed the sharing of information about the marketing day event on 13.11.2023 faster. Our team also spread net in the college and invited the students class by class during recent times, thus giving them a personal invitation to the event. It was a vibrant event from the start till the end with the help of the music club who performed throughout the day, keeping the event lively. It was their first experience as well as our first with the music club's hard work, bringing in the CIT mood into the event's venue. Almost every member of the music club did a solo or dual performance from 9a.m in the morning till 5p.m in the evening. The professors-in-charge prepared a backup Venue in case of the unpredicted rainfall with the help of the Coordinator of the Institute. This allowed us to be prepared for any unpredicted occurrence of an event like rainfall and electric shut-down in the campus.

## PRODUCTS OFFERED

## BAKERY PRODUCTS

"RICH N NOURISH" offered 20+ varieties of bakery and food items for the customers of CIT. This allowed the customers to choose from a large number of varieties ranging from Vegan, vegetarian, egg-vegetarian and non-vegetarian. Some of the products that we offered were veg roll, egg roll, chicken roll, paneer roll, jam roll, cheese roll, brownie, brownie with icecream, puffing cake, apple cake, wheat cookies, cheese cookies, mushroom puff, chicken puff, cheese beads, pane beads, butternut beads, knife stick and pot knife. This concept of FOOD in Rich n Nourish allowed us to nourish the stomach of the customers without having to worry about spending much to satisfy their hunger.

Most of the customers were delighted to hear about our pricing around various products and gave us positive feedback. One of the key aspects about having to buy our product was that it was freshly baked in the morning and the products were re-heated before being sold to the customer. Due to the climate conditions, customers preferred food to be served hot and heating them up played an advantage to selling a greater number of products to the delighted and satisfied fans.



## BOOKMARKS AND CARDS

The second kind of product offered by our team was handmade bookmarks and cards. These bookmarks and cards were crafted and painted by an artist by the name Smayuktika, who has painted many kinds of paintings and portraits and has displayed her artwork in many parts of India. The bookmark offered by us had the original handmade version as well as the original bar

the printed version of the handmade version. We also sold cards where the background was painted by the artist. These cards contained various greetings and warm quotes that could enlighten anyone during a dull day and even be gifted to anyone.

This concept of KNOWLEDGE in Rich a Normal allowed us to scratch the itches by bringing in an element that could encourage young readers to read more. This year we bought in more varieties of bookmarks with animation characters paired in them, various kinds of artistic works, and also some new patterns was painted on them that grabbed the customer's eyes, bringing in a new interest to buy the bookmarks. We allowed the customers to get various offers such as buy 1, get 1. This has increased the number of sales in our product in the printed handmade bookmarks. There were few readers who preferred personalized versions, and took the painted handmade bookmarks. There were a few who were fascinated by the artist's work, which made them buy the product.



#### SUSTAINABLE POT WITH A PLANT

The first and the most innovative product in our stall was the 'sustainable pot with a plant' product concept. This pot concept was brought from an innovative experimenting artist who wishes to bring in various sustainable products without harming the environment. As it was an improving product, the number of products sold was limited. This concept of ENVIRONMENT in Rich a Normal allowed us to scratch the environment around us through the concept of

presenting a sustainable way of growing plants rather than using plastic as pot. This product is more like recycling the use of coconut shells for shells for various purposes instead of throwing it away after the use. It is a well-crafted product, each piece being unique and variant from one and another. This quotes the fact that each work of an art is unique and customized from the other. The pot was given with a succulent (type of a sensitive variety) that can be grown indoors with little water and some light from time-to-time. These plants help the air indoors fresh and give a positive charge in the room. We allowed the customers to select their own pot, a concept that allows one to connect with the art and select their own-plant. Our first customer was our institute's principal, who was happy to buy it. We were able to find the owner of all the pots that were bought by us, thus increasing the chances of growing something new and innovative to the world.



**INPUT FROM THE SURVEY CONDUCTED FOR VIPANAM 2023** In response to the dynamic preferences of the customers of the CIT campus, a comprehensive market research study was conducted to guide the planning of "Marketing Day". With the help of these responses, we were able to uncover valuable insights into stall preferences, budget allocations, payment methods, and preferred offers. The study revealed a significant interest in snack products (71.4%) and those offering different and unique products (71.4%). While healthy food (54.3%) and sustainable options (22.9%) garnered slightly lower percentages, representing the emerging trends within the students. So, we brought in more snack products and also brought in different and unique products such as handmade haircombs and Sustainable Pot with a Plant. The CIT respondents demonstrated a willingness to spend across various budget segments. The majority (48.6%) allocated budgets between ₹50 and ₹100, signaling a demand for mid-range options. Furthermore, a notable 34.3% were open to higher budgets, suggesting an interest in

promotion offerings. We offered products ranging from ₹20 to ₹130 without compromising on the quality of the product. The study highlighted a balanced preference for both traditional (cash – 50%) and digital (UPI – 50%) payment methods. This diversity ensures accessibility for all participants and accommodates varying financial preferences. We made sure that the customers could pay in both cash and UPI through scanning techniques. We even had change for the ones who offered cash while purchasing the product. Combo deals (58.3%) and discounts (41.7%) emerged as popular preferences. Crafting strategic combo packages and strategic discounts can serve as powerful incentives to attract and engage participants. We offered combo offer like 'buy 3, get 1' and also allowed the customer to bargain their buy. It was a good experience getting to know the way one would like to bargain and the methods they used to do so. Incorporating these insights that we gathered from the Survey Report enabled us to gain more knowledge about the customer's preferences and choices over the range of options available for the day. It helped keep check with the quantity bought in by our team from allowing a cost-efficiency and maximum of profits during the event. This planning of "Utsavam 2023" played an essential role in creating a successful and inclusive event.

A diverse stall offering, thoughtful pricing strategies, flexibility in payment methods and strategic promotion of combo deals and discounts has contributed to a vibrant and fulfilling experience during the event. By signing the event with these insights, we were able to enhance satisfaction and ensure the success of "Utsavam 2023".

## CHALLENGES FACED AND THE COMBAT STRATEGIES

There were several challenges that our team Rich a Nirvach faced during the event. We came up with an instant combat strategy to pull-up the sales and have an efficient event. These challenges were tackled by us on the spot through various combat strategies. They are:

- Our first challenge was to attract all age group customers. Most of our customers, who were from the age above 45, did not prefer any puff items. So instead, we gave them cakes instead of less greasy food.
- Some of our customers asked for coffee and tea which they preferred along with the snacks bought by them. It would have been better if we installed a coffee machine in our stall, we may also have gained more profit.
- Handling all our snack items in the open air was another main challenge for us because of the dusty and rusty atmosphere. But to prevent anything unhygienic, we wrapped up our food items displayed in a transparent wrapper.

- Another challenge that we faced was the time constraint for our product like ice cream. We tried to utilize the product for a liquid increase-ice cream version at the end. Customers actually liked the version.
- At some point, we also noticed that our customers also asked for packing for their purchase which we had limited packing cover. We were able to easily overcome this challenge by getting the equipment within a short span of time.
- We also had a heavy competition on selling brownie and cake items but we used our pricing strategy to counter and overcome this challenge.
- Pushing forward the sustainable product in this type of market was another challenge, as our customers were not well-versed about that product. So, we educated our customers to know the value of the product and were able to sell them to the delighted customers.

## CONCLUSION

In conclusion, we Rock a Nourish were able to implement the strategic consist of diverse stall offerings, budget-conscious representation, interactive and sustainable elements, and flexible payment options, enabling a dynamic and successful VIBANAM 2023. By catering to the specific preferences identified through market research conducted prior to the event, Vignette 2023 tailored an engaging experience for the MBA students. The incorporation of interactive and sustainable elements, along with a commitment to sustainability, reflects a responsive approach to evolving values. Moreover, strategic promotions, such as combo deals and discounts, created an incentive for active participation and purchases. Themed zones, pre-event engagement, and a continuous feedback loop further enhanced the overall Vignette experience. Through these carefully crafted strategies, Vignette has the potential to not only meet but exceed the expectations of the MBA, fostering satisfaction, engagement, and the overall success of the event.

## PICTORIAL

### MARKETING THE EVENT



POSTERS



INCOME AND EXPENSES STATEMENT







### REPORT 3

#### REVIEW:

- It was one of the best hands-on experiences to learn actual marketing and product selling.
- Not only product selling we also learned how to deliver services to customers. Guidance from our master was very useful.
- We learned to work in team and enjoyed the event.

Irreplaceable Hands-On Learning Experience:

Participating in this event provided an exceptional hands-on experience in the realm of actual marketing and product selling. The practical insights gained significantly enriched our understanding of the dynamics involved in promoting and selling products. **Holistic Customer Service Skills Development:**

Beyond product selling, the event served as a platform for honing our customer service skills. Learning to deliver services effectively to customers became an integral aspect of our experience, contributing to a more comprehensive skill set.

#### **Guidance from Mentor :**

The guidance received from our mentor-professors played a pivotal role in navigating the intricacies of marketing and sales. Their insights and support proved to be invaluable, offering a practical perspective that enhanced our learning journey.

#### **Collaborative Teamwork and Enjoyable Participation :**

The event provided an opportunity to cultivate teamwork skills, fostering collaboration among participants. Working together not only enhanced productivity but also contributed to an enjoyable and memorable experience throughout the event.

#### **MARKETING STRATEGY USED:**

##### **SOCIAL MEDIA OUTREACH:**

- Leveraged platforms like Instagram and WhatsApp to connect with students and staff.
- Utilized social media channels for disseminating information, reaching a wide audience.

**STRATEGIC DISTRIBUTION THROUGH CLASS REPRESENTATIVES** • Brochures distributed to classes through class representatives and circulated within class WhatsApp groups.

- Google Form strategically shared through class representatives for efficient data collection.

##### **COMPREHENSIVE ENGAGEMENT STRATEGIES:**

- Utilized Google Form for pre-booking orders, collecting essential details about service accessories.
- In-person engagement by circulating Google Form to class representatives and clubs.
- Targeted outreach to loyal students through whatsapp brochures.
- Ensured visibility by posting brochures in key locations like around the canteen. • The

Marketing Day Event offered personalized services such as in-person delivery, reservation of back cases, and on-the-spot temper replacements for students and teachers. 1. We utilized Instagram, Whatsapp - social media to reach our students and staff in our college. 2. Our stall brochures were shared to all classes by their class representatives to circulate among their class whatsapp group.

3. We specifically created "Google Form" and made it to reach all students and staff through whatsapp groups.

4. We went in-person and circulated "Google Form" to class representatives and made it to reach all students.

5. We reached all clubs and circulated our stall brochures and our google form. 6. With the help of the Google form students gave choices of pre-booking their orders. 7. In Google form we added all the necessary details and information about mobile accessories Eg: mobile model for temper glass, back case and etc were collected.

8. We gave attention to local students through brochures which have been posted in the local notice board.

9. On the Marketing Day Event - December 15 we extended our services like delivery in person, reservation of back cases to students and teachers. Staff gave their phones for temper replacement and once it was done we delivered them to their respective places. 10. On the Marketing Day Event - December 15 we extended our services like taking orders for Karyami in person. Staff gave their orders and once it was done we delivered them to their respective places.





Marketing Day Income and Expenses Statement





#### **DIFFERENT ASPECTS OF MARKETING DAY:**

##### **Hindrances faced**

As there were more customers, the space for serving food was challenging.

##### **How we managed the hindrances**

One member of our team was assigned to look after the customers who were waiting for the tanger and back ones and two members of our team were assigned to look after the customers who were waiting to receive food.

##### **Sudden developments made us take corrective action.**

- Already we had displayed many posters regarding our team across the field. Since we read some extra marketing, two members of our team went to person to the entry, exhibited our product and directed them to our stall.

- There were too many people crossing the path as we were displaying our mobile accessories like earphones, chargers, watch strap, back case etc., to protect the product one member of our team was standing outside the stall to protect the products. Lessons learnt from Marketing Day

- Despite meticulous preparations for the marketing day, the on-the-spot marketing approach emerged as the most impactful method for addressing customers. • The ability to adapt and engage with potential customers in real-time proved to be a valuable strategy, enhancing our overall marketing effectiveness.

- To attract the audience we gave "Buy 1 Get 1" Offer for a limited time period.

#### Customer-Centric Farm: Beyond Profit

- Rather than concentrating on profit, we learnt to give importance and satisfy customers through our product and its quality.
- We got feedback from customers to know about the quality of the product and our service.
- Team work, communication, crowd management, accounts maintenance, handling different types of people, satisfying customers are our key learning

#### Alternative strategies to be followed for making more profitable

The slot timing for visiting our stall and free time of staff and students can be collected so that crowds can be avoided.



#### **INAUGURATION:**

The event was inaugurated at 9.30 am. Thiru.S.Rajiv Ranganani, correspondent,CIT, Mr.Divya Mohana Rajiv, Coordinator, CIT, Dr. A. Rajasekari Prasad, CIT, Dr. V. Sathish, Advisor, CIT inaugurated the event and they were welcomed by Dr.M.Sundh, HOD-Department of Management Studies, CIT and special performance by CIT Music club at GAT ground, CIT.





After the inauguration, Correspondent sir and Co-ordinator man visited every stall and explored the items.





#### **PRODUCTS DISPLAYED BY STALLS:**

There were around 39 stalls and each stall displayed a variety of products. Team 1 displayed macarons, ice cream, biscuit truffles, pasta salad variations and mini polenta. Team 2 displayed falafel, wall art, custom gifts, games and seafood. Team 3 displayed alghosa, panna cotta, grill, kebab and barbecue. Team 4 displayed smoked, chicken, french fries, pizzas, wraps and nuggets. Team 5 displayed accessories and desserts. Team 6 displayed caribbean variations, pepsi

ice and games. Team 7 displayed waffles, brownies, milkshakes, pop-puggles, ice cream sticks and buns. Team 8 displayed spiral potato, tropical coco, pesti puri, chicken picade and stretch card. Team 9 displayed ickhaman chicken fried rice, temporary tattoo, choco lava cake, donuts and noodles. Team 10 displayed snake biscuits, vanilla scones, chocolate and mail polish. Team 11 displayed shaverms, arbutak, cotton games, hair clips and fancy items. Team 12 displayed chicken biryani, mobile accessories and keychains, sweet, oven pizza and sandwich. Team 13 displayed frankie, flip games, metal wire games, online games and rag dolls. Team 14 displayed rag biryani, gulab jamun, coin parrots and egg varieties. Team 15 displayed pancakes, crumblers, bread choco pie, choco and vanilla roll and millet brownie. Team 16 kani sore, bing, ice cream with jamun, games and pet fish. Team 17 displayed fried chicken(strip, pop corn ), parota, mojis and corn. Team 18 displayed jigerkanda, cup cakes and muffins, food truck/ fried rice-chicken and egg), jewelry and games. Team 19 brownie with ice cream, chicken starters(2 varieties), bakery snacks, bookmarks and cards.







## REPORTS

### REPORT 1

#### PRODUCT 1 - TEA AND TENTS

#### PRODUCT 2 - BUBBLE TEA CUSTOM GIFTS

#### PRODUCT 3 - MEHANDI NAIL ART SERVICES

Our vibrant stall at Vignettes 2023 was a melting pot of creativity and affordability. We served up bubbly tea in a spectrum of flavors (Rs 69 - 89), offered custom gifts personalized to perfection (Rs 99-499), and adorned hands with intricate Mehandi designs (starting at Rs 50). But the real star of the show was our nail art, priced at a jaw-dropping Rs 10 - a fraction of what competitors charged outside. Initially, skepticism lingered. Could our diverse offerings, particularly the budget-friendly nail art, resonate with the college crowd? We tackled this head-on with a multi-pronged marketing blitz:

- **Email Powerhouse:** We partnered with the college administration, sending official invites directly to student inboxes. The response was immediate, with a first-year B.E. Civil student not only visited us but splurged on an Rs 1080 Mehandi masterpiece, refreshing bubble tea, and custom gifts, pushing her total to an impressive Rs 1500! This initial success validated our email strategy, proving targeted outreach could reap rewards.
- **Digital Domination:** We weren't content with just email. Eye-catching, self-designed posters

flooded our social media platforms, grabbing student attention. We also opted for the personal touch, handing out handwritten welcome notes to reassure students and staff, creating a warm and inviting atmosphere.

- **SMS Bury:** We tapped into the power of WhatsApp, sending our posters and enticing content directly to student groups. This instant communication proved effective, piquing curiosity and driving traffic to our stall.

On the day itself, our initial doubts evaporated like mist on a hot pavement. Students flocked to our stall, drawn by the enticing mix of offerings and our friendly demeanor. The affordable and art, in particular, was a runaway hit. Students loved the variety of designs, the chance to express themselves, and the wallet-friendly price point. Beyond sales, the event was a treasure trove of learning. We discovered:

- **The Power of Diversity:** Our unique mix of products, from bulk tea to biscuits, resonated with different student preferences, maximizing customer engagement.

- **Targeted Marketing Matters:** Partnering with the college and utilizing diverse marketing channels like email, social media, and SMS proved highly effective in reaching our target audience.

- **Affordable is Attractive:** Students responded overwhelmingly to our budget-friendly and art, highlighting the importance of understanding customer value perceptions.

- **Event Management is Crucial:** As the crowd grew, we learned to adapt and manage customer flow efficiently, ensuring everyone received excellent service. *Vijayam 2025* was more than just a marketing event; it was a validation of our belief in a diverse, affordable, and student-centric approach. We learned, we laughed, and we connected with our target audience in a meaningful way. As we move forward, these lessons will guide us, propelling us to continue experimenting, innovating, and offering unique experiences that resonate with our customers.

## REPORT 1

### INTRODUCTION:

*Vijayam* is a mega marketing event which is conducted by the Department of management studies every year. The students were grouped into 6 members in a team. The villa was allocated to each team on the basis of market. All teams received seed money of Rs.1500.

### TEAM WORK:

The group of six members divided the work equally such as vendor arrangement. Aja

raj and Kragachakar, Poster and Menu card making-Vikasini and Madhuprathe, Invitation Prakash and Soniya.B. We printed invitation cards for all our staff members and respected faculties and went in person to invite them for our stall during vijayam. All of our ideas were put together and we formed a proper plan.

#### ON THE DAY OF VIJAYAM

Vijayam was on 15/12/2021. The event started at 9:30am and was inaugurated by Mr.S.Rajiv Kanganani, Correspondent, CIT, felicitated by Mr.K.Ditya Mohana Rajiv, Coordinator, CIT, presided by Dr.A.Rajawari, Principal, CIT & Dr.V.Salathur-Advisor, CIT and welcomed by Dr.M.Santosh, HoD - DoMS, CIT. The special performance was given by CIT Music club.

#### TEAM 4:

Team 4 at stall 9 table

1. Wraps
2. Nuggies
3. French fries
4. Minis
5. Mochi
6. Nachos

We had many varieties under each item which included both veg and non veg. We did have a taste try and a signature dish for each item. We split up 7 persons for marketing 1 for instructions and bill writing 2 for payment check up and cash counter. So we all planned in a way that each one is handling up things so that we can greet our customers properly.

#### KEY LEARNING:

In vijayam, we learnt about various things such as

- ✓ Techniques of marketing
- ✓ Promoting our products
- ✓ Allocation of work
- ✓ Coordination Teamwork

- ✓ Various Strategies
- ✓ Customer preferences and wants
- ✓ Managing crew

## REPORT 3

### INTRODUCTION

The VIKRAM is the biggest marketing event and one of the big programs in COIMBATORE INSTITUTE OF TECHNOLOGY. It is conducted by the Department of Management studies. We MBA students participated in the event by selling and marketing the products inside the campus, also we gained some experience and a lot of ideas because of this Event. Our stall is "TRAFFIC JAM" and our products are,

1. RED VELVET CAKE
  2. MANGO CAKE
  3. CHOCO TRUFFLE CAKE
  4. CREAM CAKE
  5. MAGGI
  6. MAGGI VARIETIES
  7. PASTA
  8. CHOCOLATE JAR CAKE
  9. ROSE MILK JAR CAKE
  10. BASMALAI JAR CAKE
  11. HANDMADE ACCESSORIES
- OUR POSTERS:





#### CUSTOMER INTERACTION:

We have faced different types of customers and also had various interactions. The first order that we have got from our coordinator wasen "the scagg". Then our HCD sir also visited our stall and bought some products, also our department faculty visited and experienced our food products.



#### LESSON LEARNED:

The first thing that we have learnt is how to deal with various customers. Also how to market our product towards selling and making profits. From this event everyone had a chance to interact with all the students and gained some new ideas from competitor stalls and their strategies. Before buying any product we should have proper planning on resource procurement, vendors, Estimate the expenses incurred and the art of choosing and selling a product.



#### CONCLUSION:

In this Vipanam event the department had allotted 3 judges, marks to each team was based on the criteria such as innovative product idea, marketing strategy, teamwork, decoration of the stall, reason for choosing the product, successful campaigning, sales during the event, profit earned from the event and submission of bills and accounts. This was a practical experience for us to get a clear knowledge about the business environment, marketing strategies and the way to overcome the hindrance.

We enjoyed the event a lot and our team spirit has been expressed in it. And also we interacted with each other well because of this event. Not only with our friends but also with our faculty members and they also supported each stall in this event. And we gained some ideas with our friends like how they market their products with different types of customers.

This vipanam event provided valuable insights into customer preferences and market trends. Despite a few operational challenges, the overall response was positive. The lessons learnt will be instrumental in planning and executing future events to further enhance our brand presence and customer engagement.

#### REPORT 4

VIPANAM is a marketing event conducted by the Department of Management Studies on 15.11.2023. The event was inaugurated by Correspondent Mr. S. Raju Ranganani, Coordinator Mr. K. Divyabhavana Raju, Principal Dr. A. Rajeswari and Head of the Department

Dr. M. Sankil. We learnt a lot from choosing the product to calculating the accounts. The products we chose were Kalki Sebak, Cold Beer, Maza Soda, Milk Sebak, T-Skirt and the Lucky Spin game. We made a deal with a vendor from Palakkad for Beverages and T-shirts from Thruppur. A Market analysis was done by us through google form and in person survey and we submitted a market analysis report using it.



An auction was conducted for stall selection where we had a new experience of how things happen in an auction, we got a gross stall with the rate of Rs 500. Participating in it was the best experience.

We used various marketing strategies by creating posters and circulating through online and made a discount coupon for limited people in person, inviting people of our known. Digital marketing worked well as it reached a lot of people.

The event started by 10:00 A.M and the chief guest visited every stall and tried various products and services. The Correspondent tried a lucky spin, Coordinator, principal and staff tried various beverages.

We learnt how to handle crowds at times and not to give up when there are no customers and we used various strategies to attract customers by using flex with images of the products. During peak hours we gave coffee offers and at the end of the event we merged the lucky spin game with beverages which increased the sales a bit. The event ends at 5:30 P.M and we closed up the whole tent. At the end of the day, it was the best experience ever for all of us about how the real market works and we tried to implement various theories which we learnt earlier.



## REPORT 5

Product List: Scratch cut pasta, Non-veg Pickles, Spiral Potato, Cotton Candy, Cauliflower Chilli, Pani Puri, Masal Puri, Bhaj Puri and Masal Puch was a learned morning which is usual when coordinating for an event. We all set the things ready to set things as we planned. We all arrived at the ground by 7:15 am and some confusion was going on with the stall arrangement. So, we started building up our stall in separate open spaces so that we could shift to our official space. After lots of confusion and doubts, all the teams worked with our skills and started our stall setup processes, the vendor arrived and we did it within 30 minutes as best as possible for the inauguration. After the inauguration, correspondent staff and our principal, team and faculties visited all the 19 stalls. Once it is over, our real stall food and recipe preparation and everything starts to sell. Sales were in peak from 11:00 am to 2:30 pm and the next peak duration was from 4:00 pm to 5:30 pm. We voluntarily stopped taking food orders to vacate the stall as our time was over. Which is a happy moment for us to see that our stall products have demand among customers and we felt happy that we chose the right product. Token counts for food products reached 300 and Cotton Candy and Spiral Potatoes were sold in high numbers. After lunch i.e., after 2:00 pm we announced an offer price as Pani puri, Masal Puri, Bhaj Puri, and Masal Puri for buy one get one offer for 50 rupees, which peaked our sales for the next hour and 3 of us were engaged in making recipes as fast as possible and we received more than 4 to 5 orders at a time for the next four hours. We needed water for preparation of food items, Babu arranged immediately and brought it within 10 minutes.

He seemed to not really realize that everyone is unique. On the other side (at one end of our stall, we were selling Non-Veg Pickles with Free Taste Samples and conducting scratch card games for just 5 rupees. As this game is one of the best memories of 90s kids some staff played the game and college youngsters played it for fun-filled moments as we expected and the return gifts were more childish things packed neatly in boxes and cash prizes. Luckily, we got 20 rupees as a prize for the game. Among 3 varieties of pickles:

(Chutney pickle, Dabra Pickle, and Tama Fish pickle) Dabra pickle sold out well as most who tasted pickles like the Dabra variety. Finally, at the end of the day, we all worked together with our full potential, and made us realize our potential and that we can do it. We are all fully engaged in handling our stall customers and find very few minutes to visit other stalls.

Last, and again we heartily thank all the friends, seniors, HOD management, and staff for organizing such a great and memorable event packed with lots and lots of learnings and memories that are going to travel with us forever.



Candy

During peak hours Cortez



Giving a prize for the game

## REPORT 6

In the dynamic landscape of today's business environment, a market analysis serves as a compass for strategic decision-making. Understanding market trends, consumer behavior, and competitive forces is paramount for organizations aiming not only to survive but to thrive. This analysis delves into the intricacies of the market, unveiling insights that pave the way for informed choices and sustainable growth. Join us as we navigate through the currents of market dynamics, unveiling opportunities and challenges that shape the future of your industry.

In Colombo Institute of technology (CIT) on behalf of Department of Management studies, VIPANAM is set to deliver the importance of marketing between the students and participants.

About our Market analysis, we are going to exhibit our skill in the upcoming event: VIPANAM. So, everyone, let's join your hands together for the forthcoming VIPANAM festival.

### PRODUCTS:

- > Lotteries
- > Demos
- > Showcase Chicken Rice / Noodles
- > Temporary Sales services

### SIZE OF THE MARKET AND TARGET AUDIENCE.

To calculate the market size, the student count is taken into account which will be around 1000, and also teaching and non-teaching staff which is around 150. As the event is going to be

held inside the campus, the undergraduate and postgraduate students are considered to be the large potential buyers and the target audience. It is noted from the research that most of the people below the age of 30 have a huge craving for desserts like lava cake, donuts, etc. It is also noted from the research that most of the people below the age of 30 have a huge craving for spicy foods like chicken rice and chicken noodles and also mostly females will be a great part of it as they have more cravings to eat tasty food. By considering this factor, more students will visit our stall.

## **PURCHASING HABIT OF CUSTOMERS:**

### **Tattoo Services:**

College students who want tattoos look for designs that seem meaningful to them and look nice. They prefer skilled artists and often ask friends for recommendations.

### **Desserts:**

College students like trying different and cool desserts. They enjoy trendy ones from famous places with creative toppings. Social media is a big influence, as students share and explore these tasty treats.

### **Schezwan Chicken Fried Rice and Noodles:**

For meals like Schezwan chicken fried rice and noodles, college students go for what's tasty and affordable. They often choose local places or order online for a mix of good taste and affordability. The popularity of bold and spicy flavors shows they like adventurous food. **Choco Lava Cake:**

When it comes to desserts many of us will have cravings for choco lava cake, students prefer places known for rich and yummy options. They care about how the dessert looks and the overall chocolatey appearance. Mostly they would like to have dessert after a good meal. Overall, college students like to enjoy global food trends and seek both unique experiences and popular delights in tattoos and food.

## **COMPETITIVE ANALYSIS:**

### **1. Desserts:**

- **Strengths:** Popular, easily customizable, various flavors.
- **Weaknesses:** Perceived as less healthy, potential for saturation.
- **Opportunities:** Innovate with unique flavors, offer combo deals.
- **Threats:** Competition from other desserts, health-conscious trends.

### **2. Choco Lava Cake:**

- **Strengths:** Decadent dessert, high demand for chocolates.
- **Weaknesses:** Limited flavor options, can be heavy to eat.
- **Opportunities:** Introduce variations, market as a premium dessert.
- **Threats:** Competition from diverse desserts, health concerns.

### 3. Schezwan Chicken Fried Rice/Noodles:

- **Strengths:** Savory and filling, popular among college students.
- **Weaknesses:** Need for spicy taste may limit some customer base.
- **Opportunities:** Introduce customizable spice level.
- **Threats:** Competition from other fast-food options, dietary preferences.

### COMPARISON WITH OTHER PRODUCTS:

- **Thamra Vadai Set Varieties:** Appeals to local tastes, potential competition for savory snacks.
- **Biscuit Truffles:** Unique dessert option, may attract those seeking variety.
- **Ice Cola:** Refreshing beverage option, competes in the beverage segment.
- **Mini Polaroid Booth:** Meltdown, Nail Art, Custom Gifts: Non-food offerings, provides experiences alongside food choices.
- **Alfaham, Prava Biryani, Grill, Kebab, Barbeque:** Compete in the savory and grill categories, targeting different taste preferences.
- **Organic Noodles:** Appeals to health-conscious consumers, potential niche market.
- **McDonald, Nandos, French Fries, Mollies, Wraps, Suggers:** Strong competition in the fast-food category, variety is crucial.
- **Desserts, Flavors Sarbark, Waffles, Milkshakes:** Direct competitors in the dessert and beverage categories.
- **Peas (Puppies and Birds), Ice Cream Sticks, Spiral Potatoes, Tropical Coco:** Offer unique experiences, may attract attention for novelty.
- **Past Part, Chicken Pickle, Scratch Card:** Diverse offerings, targeting different consumer preferences.
- **Smoke Biscuits:** Niche product, competition in the snack category.
- **Temporary Tattoo, Settle Zone, Chocolates, Nail Polish:** Non-food offerings, contribute to the overall experience.

Effective marketing, understanding local preferences, and offering a balance between popular choices and unique items will be crucial. Diversification, innovation, and quality will play key roles in staying competitive in the dynamic college market.

#### **Local Flavor Preferences:**

Given the popularity of Sichuan chicken noodles and chicken rice, it's evident that there is a demand for spicy and flavorful options. Local taste preferences for bold and savory dishes could be a significant driver.

#### **Youth Demographics:**

Coimbatore Institute of Technology, likely has a young and dynamic population. The demand for trendy and convenient items like lava cakes, donuts, and temporary tattoos could be attributed to the preferences of this demographic.

#### **Lifestyle and Convenience:**

Lava cakes and donuts are often associated with convenience and indulgence. The fast-paced lifestyle of students in the area might contribute to the demand for quick and satisfying food options.

#### **Social Trends and Expression:**

Artificial tattoos may be in demand as a form of self-expression, particularly among the younger population. Understanding current social trends and the desire for individuality can shed light on the demand for such products.

#### **Competition in the Area:**

Analyzing the local market competition for these products is crucial. Are there particular establishments that have successfully captured the market, or is there room for new entrants to meet unmet demand?

#### **Marketing and Visibility:**

The visibility and promotion of these products play a significant role. Effective marketing strategies, especially through channels frequented by students, can impact the demand.

## CONCLUSION:

In conclusion, the market analysis for Vipassan reveals promising insights into consumer preferences and potential areas for business growth. The inclusion of chocolate cakes and doughs in the product lineup indicates a strong demand for indulgent treats, aligning with the current trend of consumers seeking unique and delightful dessert options. Moreover, the popularity of Schweppes chicken fried rice suggests a market interest in savory and flavorful meal choices. This could be leveraged by Vipassan to diversify its offerings and cater to a wider range of tastes. The fusion of dynamic cuisine, as seen in the incorporation of Schweppes flavors, reflects an evolving food landscape where consumers appreciate innovative and culturally blended dishes. The addition of temporary tattoos to the product mix introduces a creative and experiential element, tapping into the growing consumer desire for unique and memorable experiences. This not only enhances the brand's appeal but also opens up avenues for potential collaborations and marketing strategies centered around self-expression and personalization. Overall, the market analysis underscores the importance of staying attuned to consumer preferences and adapting offerings accordingly. Vipassan is well-positioned to capitalize on the popularity of indulgent desserts, savory delights, and experiential products.

Strategic marketing efforts highlighting the distinctiveness of these items, coupled with a commitment to quality, can further solidify Vipassan's position in the market. As Vipassan celebrates its one-year milestone, these insights provide a valuable foundation for future business decisions, ensuring continued success and relevance in the dynamic and ever-changing market landscape.

## REPORT 7

Vijayan is a marketing event which is conducted by the Department of Management Studies every year. The students were divided into 19 groups consisting of 5 members in a team. The stalls have been allotted to each team based on the auction conducted by the department. Vijayan 2022 was carried out on 12<sup>th</sup> December, 2022 from 9:30 am to 5:30 pm at DAIT Ground, CIT. Each team was given Rs.2500 as seed money by the management. The programme has been inaugurated by Mr.S.Rajiv Rajagopal, Convener, CIT, followed by Mr.K.Drivyashoban Raju, Coordinator, CIT, presided by Dr.A.Rajaram, Principal, CIT and welcomed by Dr.M.Seebil, M.D - DUMS, CIT. The special performance was given by CIT Music club. Our team sold various products, cosmetics like eyeliners, kajal, hair pack, lipstick, lip gloss, artificial eyelashes, nail polish and nail polish remover. Games such as balloon dart, magnet dart, eyes bowling, ball, ring throw, lucky spin and card game were conducted. Theaffle zone was kept and we took both individual and group photos with different backgrounds and sent the soft copy of it. We gained very experience in selling and promoting the products and offering services. 3 judges were allotted stalls to each team based on the criteria such as innovative product idea, marketing strategy, teamwork and successful campaigning. While during the event, profit earned from the event and maintenance of bills and accounts. This was a practical experience for us to get a clear knowledge about the business environment, marketing strategies and the way to overcome the hindrances. We enjoyed the event a lot and our team spirit has been expressed in it.



## REPORT 8

### VIRANAM PREPARATION

Before the day of the event we prepared posters for our shop. Our shop sold products like

1. Ice sticks
2. Accessories
3. Popicles
4. Milkshakes
5. Fidgetspin

We also prepared the menu card for those products with various offers. We named our shop **STICKERATIONAL** based on the products we were about to sell. Later for decorating our shop we chose the retro theme and bought goods accordingly.

### EVENT DAY

One busy day we were rushing to ground for the installation of stalls. It was our day **VIRANAM**. One of most memorable day in our college life. We had a team with 8 members and we arrived at the spot at 7:50 am. Our vendor who we called upon for selling accessories came at 8:00 am. We first installed the stall and the materials were already given by the college. The arrangements were made like setting up tables and decorating the stall. Then the opening

ceremony was held. Chief guests arrived. Correspondent came visited our stall and she purchased some clips and hair bands. After some time, customers started to come and we sold pop sticks, ice cream and milkshakes made by our team member. First the sales were less and in lunch break there was full rush in our stall everybody was working busy. We also visited other stalls when we had time. We even had a rabbit in our stall to attract customers.



INVITATION



**MENU CARD**

## **REPORT 9**

### **Introduction:**

The Viprom event held on December 13, 2023, at the Colimstore Institute of Technology was a remarkable success, showcasing our diverse product range, including Perote, Mojito, and Coca. The event not only provided an opportunity for brand exposure but also

generated significant sales. As a student entrepreneur, we established a stall in our college offering a diverse menu featuring parotta, mojito, and corn. The intention was to provide a variety of affordable and tasty options to the student community.

#### **Our Objectives:**

- To maximize sales and revenue during the event.
- Enhance customer engagement.
- Provide Variety: To offer a diverse menu including parotta, mojito, and corn to cater to different taste preferences within the student community.
- Affordability: To provide affordable food and beverage options, ensuring accessibility for students on a budget.
- Entrepreneurial Learning: Gain practical experience in entrepreneurship, understanding aspects like supply chain management, marketing, and financial analysis.

#### **Menu Overview:**

**Parotta:** A popular Indian flatbread known for its flaky layers and versatility. **Mojito:** A refreshing non-alcoholic beverage made with lime, mint, sugar, and soda. **Corn:** Grilled or boiled corn on the cob with optional seasonings.

#### **Targeted Audience:**

The target audience comprises the diverse spectrum of students, including Undergraduate and Postgraduate students, research scholars, faculty members, and non-teaching staff. Recognizing these groups as potential buyers, our marketing strategy engaged to the varied demographic at the Vipassana Event conducted on December 15, 2023 at the Coimbatore Institute of Technology.

#### **Product Pricing:**

Setting the pricing strategy involved a thorough examination of research findings, we set the pricing after a detailed marketing research. The marketing analysis suggested that our target audience is willing to spend 50 and below for Corn, Parota, and Mojito. So as per the research and our spending we set the price for corn \$5 30, parota \$5 40 per set and for mojito we set \$5 10.

#### **Our Mixdrance and Competitors:**

Our primary competitors in the market were from main courses such as Biryani, curry chow, fried rice etc. particularly managed by the MBA students. The research behind this lies in the student preference for substantial main courses during the lunch break, reducing the likelihood of opting for snack items post a heavy meal. During the event, we faced stiff competition in the Mojito category, with two notable competitors vying for attention. One vendor specialized in Mojito sales, intensifying the market competition. Additionally, another competitor focused on Saboritos, further diversifying the beverage offerings.

Unfortunately, the heightened competition resulted in a noticeable downturn in Mojito sales during the event. Despite implementing various marketing strategies, such as combo offers, we encountered persistent challenges in overcoming obstacles for Mojito sales. The competitive landscape remained formidable, hindering our efforts to boost Mojito sales during the event, despite our proactive marketing initiatives.

#### **Lessons Learned:**

**Adaptability:** Importance of adapting the menu based on seasonal demand and preferences.

**Quality Control:** Ensuring consistent quality in food preparation.

**Market Research:** The significance of thorough market research before setting up a stall. The college stall experience was both challenging and enlightening. Despite facing initial setbacks, it provided valuable insights into entrepreneurship. Adapting to seasonal demand, maintaining rigorous quality control, and understanding the local market were pivotal lessons. The experience highlighted the need for flexibility and continuous improvement in business.

operations. Moving forward, these lessons will indelibly shape future endeavors, fostering a more resilient and successful approach to entrepreneurial ventures. The key lessons learned from the college staff experience include the importance of adaptability in response to seasonal demand, maintaining rigorous quality control in food preparation, and conducting thorough market research before establishing a business. These insights will guide future endeavors in the pursuit of sustained success and profitability.



**Conclusion:**

Despite the initial setback resulting in a financial loss, the experience provided valuable insights into the complexities of running a food stall. Moving forward, adjustments in the supply chain, marketing strategies, and menu offerings are essential to enhance the stall's profitability and sustainability.

While the financial loss signifies a challenge, the overall experience contributes to personal and entrepreneurial growth. Moving forward, these lessons will be instrumental in shaping a more resilient and successful approach to future entrepreneurial ventures. The journey, though challenging, has laid the groundwork for a more informed and strategic business endeavor.

## CUSTOMER INTERACTION AND LESSONS LEARNED:

Throughout the event, teams engaged in dynamic customer interactions, catering to diverse preferences and gaining invaluable insights into consumer behavior. Key takeaways included refining marketing strategies, enhancing customer engagement techniques, and the importance of meticulous planning in resource management and financial allocation. Students responded overwhelmingly to the budget-friendly meal art, highlighting the importance of understanding customer value perceptions.



The students weren't content with just social. Eye-catching, self-designed posters flooded our social media platforms, grabbing student attention. They also opted for the personal touch, handing out handwritten welcome notes to random students and staff, creating a warm and inviting atmosphere. This instant communication proved effective, piquing curiosity and driving traffic to our stall. On the day itself, the students' initial doubts evaporated like mist on a hot pavement. Students flocked to our stall, drawn by the enticing mix of affordable and freshly prepared:

## EVALUATION:

Teams were evaluated based on various criteria, including product innovation, marketing strategy, teamwork, stall presentation, sales performance, and profitability. Despite facing operational challenges, the overall response was overwhelmingly positive, underscoring the event's success in providing practical learning experiences. This annual extravaganza serves as a platform for MBA students to showcase their entrepreneurial prowess, marketing acumen, and teamwork skills.



## MUSIC CLUB

Music club stations were engaging the owner with their meeting music.





PRESS RELEASE



#### **FUTURE IMPLICATIONS:**

The lessons learned from Vignette 2015 will serve as a blueprint for planning and executing future marketing endeavors. The event not only fostered teamwork and camaraderie among students, but also facilitated knowledge exchange and networking opportunities with faculty members and peers.

#### **CONCLUSION:**

In conclusion, the Vignette Marketing Event was a resounding success, thanks to the collective efforts of Management, Principal, HoD, Faculty, students and organizers. The event provided a platform for creativity, innovation, and learning, reinforcing our commitment to fostering entrepreneurial talent within our institution. We look forward to continued success and

growth is function of  $\sqrt{t}$  process.

