



# MAHAGURU INSTITUTE OF TECHNOLOGY

Affiliated to the APJ Abdul Kalam Technological University (KTU), Thiruvananthapuram  
Approved by AICTE, New Delhi and Accredited by NAAC with B++ Grade



## INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CENTRE [IEDC]

### ANNUAL REPORT 2024-2025



2024-2025

 [www.mahagurutech.ac.in](http://www.mahagurutech.ac.in)

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 Kayamkulam, Kerala



## Innovation & Entrepreneurship Development Centre (IEDC MahaguruTech)

The Innovation and Entrepreneurship Development Centres (IEDC) is a platform set up in College with an aim to provide students an opportunity to experiment and innovate. It provides avenues for creative students to learn, collaborate and transform their innovative ideas into prototypes of viable products and services. IEDCs works as the first launch pad for a student's entrepreneurial journey and provide them with access to cutting edge technology, world class infrastructure, high quality mentorship, early risk capital and global exposure.

IEDC Mahagurutech started its activities actively from 2016 onwards. It is funded by KSUM. Students are encouraged to think out of box to identify problems, solve and to develop a product as outcome. IEDC Mahagurutech organize a lot of seminars, Ideation, Hackathons and workshops in collaboration with various Gov/Pvt entities through which they can improve their skill and sharpen their thought process. It provides platform to interact with entrepreneurs constantly to empower budding entrepreneurs. The students are motivated and supported for setting up startups. Participation in various workshops and in national/international level competitions is promoted. IEDC has incubated a number of startups providing them facilities ranging from office space, conference hall, wi-fi etc.

Thereby IEDC Mahagurutech continues its wonderful journey with **Growth, Improvement & Success.**

### VISION

To create an innovation culture among Innovators by introducing them the State-of-the-art technologies and positioning the Institution as a Learning and Innovation Platform by delivering technically competent and skilled Entrepreneurs.



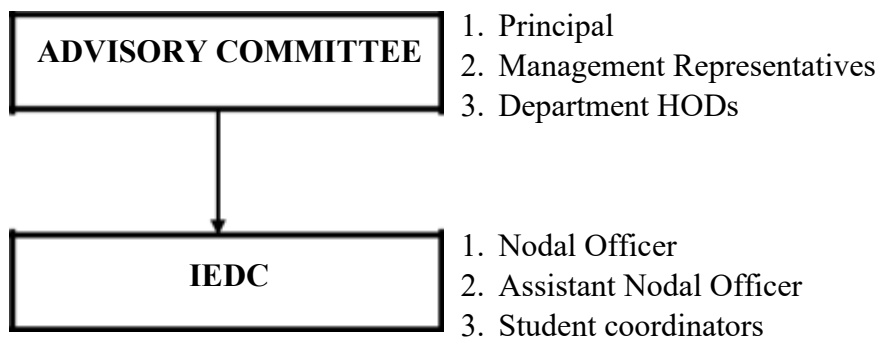
## MISSION

To create IEDC as an Innovation Platform and to create future founders by promoting Innovation, Technology and Business Learning among student community

## OBJECTIVES

1. To promote knowledge based and innovation driven enterprises.
2. To develop and promote commercially viable innovative product and solution from the students.
3. To bridge the gap between Industry and Academia
4. To promote enterprise among budding technopreneurs and thereby creating more employment opportunities
5. To support the budding Entrepreneurs through Grants and to create an entrepreneurship flavour in the academic fraternity.
6. To establish and Management of Technology Business Incubators and thereby create the infrastructure and environment required for promoting technology-based start-ups.

### Organisational Structure for IEDC





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## IEDC Executive Committee Members

1. Nodal Officer - Anub A (AP, CSE)
2. Nodal Officer - Sreeti Ganagadharan (AP, S&H)
3. Chief Executive Officer - Bhama S Nair (S5- AIML)
4. Chief Technical Officer - Arjun Shivaji (S7-CE)
5. Chief operating Officer. - G.R Lekshmi Priya (S7-CSE)
6. Chief Financial Officer - Amalu (S7-EEE)
7. Chief Creative Officer - Ayyappan (S7-ECE)
8. Chief Marketing Officer - Niaranjan Krishna (S3-CSE)
9. Chief Community Officer. - Aksha (S6-ME)

**INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE**

This is to certify that

**MAHAGURU INSTITUTE OF TECHNOLOGY**

has established an **Innovation and Entrepreneurship Development Centre (IEDC)** under **Kerala Startup Mission, Government of Kerala.**

Kerala Startup Mission hereby issues the following Unique ID to the IEDC

**KSUMIEDC1051**

**IEDCMGIT**

**kerala ir** **KERALA STARTUP MISSION**

- This unique identifier shall be used for all official communication, reporting, and participation in programs or schemes related to the IEDC operations under Kerala Startup Mission.
- The Innovation and Entrepreneurship Development Centre (IEDC) is a flagship initiative of Kerala Startup Mission aimed at fostering a culture of innovation, technology-driven entrepreneurship, and startup development within academic institutions across Kerala.
- This certificate is issued in recognition of the institution's commitment to nurturing innovation and supporting the next generation of entrepreneurs.
- This certificate is system generated and therefore does not require a stamp or seal.
- This certificate is issued based on the documents submitted by the institution.
- Authorities accepting the certificate may check its validity and status at [iedc.startupmission.in](http://iedc.startupmission.in)
- Kerala Startup Mission and Kerala IT logo should not be used without prior approval.
- For more information and clarifications write to [iedckerala@startupmission.in](mailto:iedckerala@startupmission.in) and [info@startupmission.in](mailto:info@startupmission.in)

Name of IEDC: **IEDCMGIT**



## SUMMARY OF REPORTS

### **Innovation and Entrepreneurship Ecosystem at Mahaguru Institute of Technology (MIT)**

The **Innovation and Entrepreneurship Development Cell (IEDC)** at Mahaguru Institute of Technology, in collaboration with the **Institution's Innovation Council (IIC)** and **Entrepreneurship Development (ED) Club**, has successfully fostered a dynamic ecosystem of innovation and entrepreneurship over the past academic year. Through a series of initiatives, events, and programs, IEDC has empowered students and faculty to explore creativity, develop technical skills, and embrace entrepreneurial thinking.

#### **Key Activities and Achievements**

##### **1. Events and Workshops:**

- Conducted **21 technical events** and **6 workshops**, providing students with hands-on learning opportunities.
- Organized an **Internal Hackathon** and **Idea Pitching Competitions** to encourage innovative thinking and problem-solving.

##### **2. Leadership & Entrepreneurship Enrichment Program (LEEP) 2024 Through CSR Initiative:**

- Held on **25th and 26th June 2024** in collaboration with **Mission Better Tomorrow** and **EY Global Services**, funded through CSR initiatives.
- Focused on developing leadership and entrepreneurial skills among participants.

##### **3. National Space Day 2024:**

- Celebrated on **6th August 2024** in collaboration with **ISRO**.
- Hosted **12 events**, including a **Rocket Modeling Competition**, inspiring students to explore space technology and innovation.

##### **4. Infrastructure Development:**

- Inaugurated the **APJ Innovation Hall** and established the **Student Entrepreneurial Unit**, providing dedicated spaces for ideation, prototyping, and entrepreneurial activities.



## 5. Faculty Development Programs:

- Conducted **two Faculty Development Programs (FDPs) on Research Writing and Development**, enhancing the academic and research capabilities of faculty members.

## Student Achievements

- **Bhama S Nair and Nanma S (S6 AIML)** secured the **3rd Best Project** at **TinkHer Hack 3.0**, Kerala's largest women's hackathon, for their project **Bloom**, an AI-assisted skincare recommendation app.
- **Al Ameen Nizar, Muhammed Salman E, Mohammed Faiz M, and Adithyan S (S5 AIML)** won **3rd place** at the **Huddle Global 2024 Hackathon**.
- **12 students and 1 faculty member** participated in the **IEDC Summit** held in **November 2024** at **NIT Calicut**.
- **Arjun Sivaji, Sreepriya, Albin T Lal, and Arjun S (S8 Civil Engineering)** were selected for the **2nd Edition of the IDE Bootcamp (Phase I)**, held from **23rd to 27th September 2024**.

## IEDC Fest – AURA 2025

As part of **IDEA FEST – AURA 2025**, the Innovation and Entrepreneurship Development Centre (IEDC) of Mahaguru Institute of Technology, in association with the Institution's Innovation Council (IIC) and the ED Club, successfully organized a **Technical Debate** to enhance students' analytical thinking, communication skills, and technical awareness.

The Technical Debate provided a platform for students to express their views on contemporary and emerging technological topics. Participants demonstrated strong subject knowledge, logical reasoning, and effective articulation while debating for and against the given motions. The event encouraged critical thinking, evidence-based arguments, and respectful exchange of ideas among participants.

Students from various engineering branches participated enthusiastically, reflecting interdisciplinary engagement and collaborative learning. The judging panel evaluated participants based on content relevance, clarity of thought, technical accuracy, confidence, and presentation skills.

The Technical Debate successfully fostered a culture of informed discussion and intellectual curiosity on campus. The event concluded with a **vote of thanks**, followed by **certificate distribution** to the participants, marking the successful conduct of the Technical Debate as part of IDEA FEST – AURA 2025.



## PROGRAM 1: HakXite – 48 Hrs International Virtual Hackathon

Date: **March 27 – 29, 2024**

Venue: **SDPK Hall, Mahaguru Institute of Technology & Virtual Platform**

Time: **48 Hrs**

The **HakXite - A 48 Hrs International Virtual Hackathon** was organized by the Innovation and Entrepreneurship Development Centre (IEDC) MahaguruTech, in collaboration with the Institution's Innovation Council (IIC) and Google Developer Student Club (GDSC) MahaguruTech of Mahaguru Institute of Technology. The event took place from **March 27, 2024, to March 29, 2024** and aimed to foster innovation and creativity across diverse domains by bringing together participants from various countries in a competitive yet collaborative environment.

The hackathon was inaugurated by the College Principal, Dr. V. Suresh Kumar, in the presence of Vice-Principal Dr. Manju J, heads of various departments, faculty members, students, and participants from **12 different countries**. The opening ceremony was held at the SDPK Hall of Mahaguru Institute of Technology, with a live telecast for the international participants. The event marked the presence of **1187 participants**, with the largest representation from **India, followed by UAE, Philippines, the US, and Saudi Arabia**, etc., showcasing the global reach of the event.

The hackathon saw **517 teams from India, 6 teams from the UAE, 4 teams from the Philippines, 2 teams from the US, and 2 teams from Saudi Arabia** as the top five participating countries. The event encouraged participation across a wide array of domains, making it open to individuals of all ages, with no specific restrictions on topic or domain, allowing participants to unleash their full creative potential.

The event was managed and coordinated by a talented group of students, with Darsh S Kumar from S8 CSE leading the efforts from the Computer Lab of Mahaguru Institute. The coordination of the entire event was overseen by the IEDC Nodal Officers, Mr. Anub A and Ms. Sreeti Gangadharan, ensuring smooth execution throughout the 48-hour hackathon.



Several notable sponsors supported the event:

- **Platform Partner: Devfolio**
- **Season Partner: Polygon**
- **Ethereum Partner: ETH India**
- **Event Partner: Sumayyas**
- **Refreshment Partner: Lahab Yemenmandhi**
- **Press Partner: Print City**

These partnerships played a crucial role in making the hackathon a success by providing platforms, resources, and rewards for the participants.

The competition was open to a broad spectrum of innovative topics, allowing participants from various domains to explore, design, and develop creative solutions. The hackathon did not limit the type of projects, providing flexibility for participants to submit projects that addressed diverse real-world problems using cutting-edge technologies like AI, blockchain, web development, and more.

- **First Prize - Grand Hacker:** The award went to team **Sudo RM-RF** for their project **Medea**, which focused on enhancing user experience by offering an effortless resume review process using AI. Their project aimed at unlocking candidates' potential by providing an interactive, AI-driven chat interface.
- **Second Prize - Elite Hacker:** The team **AnuPlayz** from Kerala won the second prize for their project **Nexus AID**, an AI-based guide for websites that could be used in a variety of contexts, such as AI Web Accessibility, Web Metaverse NPC, and Conversational AI, making it a versatile and impactful tool.
- **Third Prize - Community Impact Prize:** The team **Vasuki** received the third prize for their project **Electify**, which utilized Ethereum Blockchain to create a platform for fair and free elections, demonstrating the power of decentralized technologies for community improvement.

The winning teams were awarded a grand prize pool and exciting swag packages, with all participants also receiving exclusive swags as tokens of appreciation for their involvement in



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the hackathon.

The HakXite Hackathon was the first major event organized by IEDC MahaguruTech in March 2024, and it was a resounding success. The event highlighted the innovation and teamwork fostered at Mahaguru Institute of Technology, and it left a lasting mark by uniting participants from around the globe to address modern challenges. The success of this event has set a high standard for future hackathons and cemented the institute's position as a hub for innovation and entrepreneurship.





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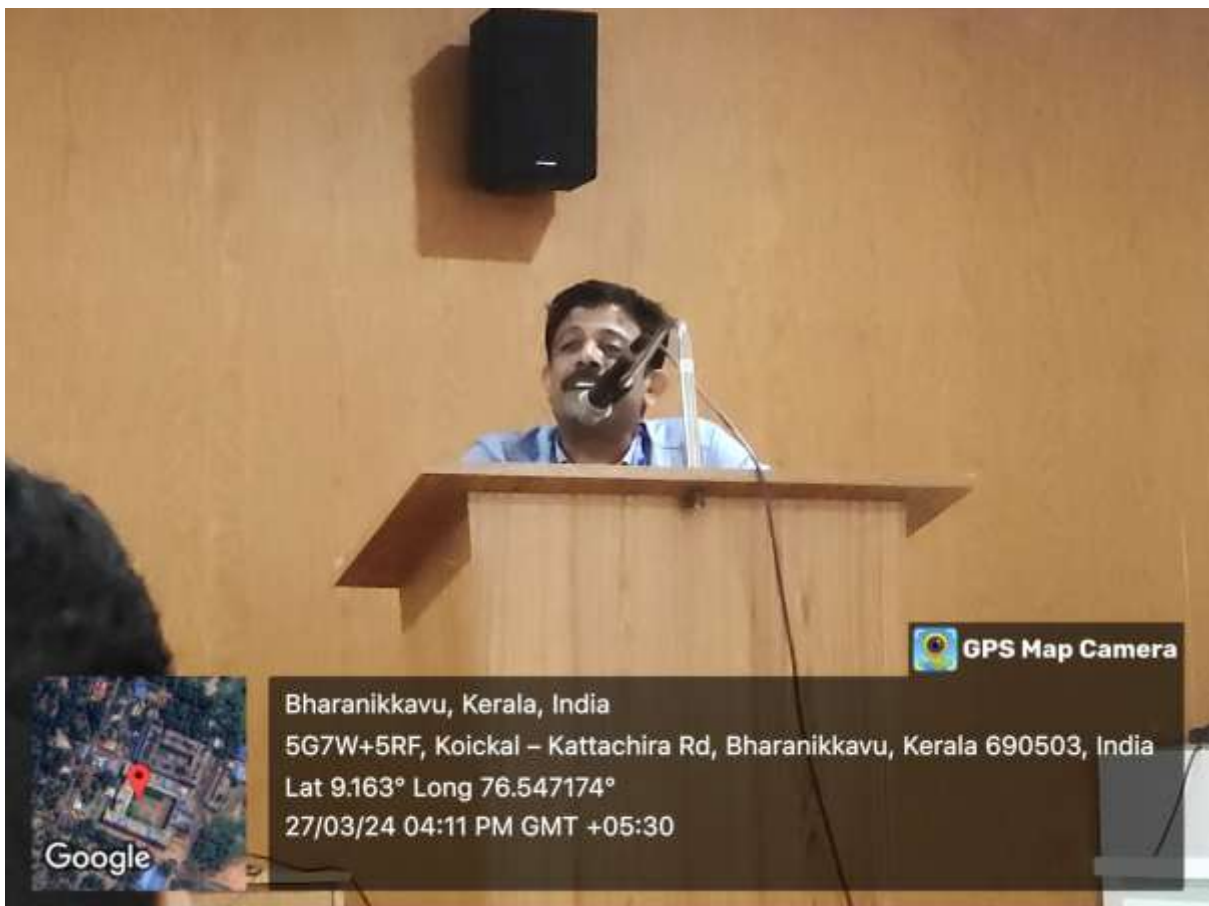


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## **PROGRAM 2: 5 Days FEDP/FDP on EMERGEINNOVATE: Empowering Faculty for Entrepreneurial Research Development**

Date: **April 9 - 13, 2024**

Venue: **Online Mode (Google Meet)**

Time: **Dynamic Schedule**

The 5 Days Faculty Entrepreneurship Development Program (FEDP/FDP), titled **EMERGEINNOVATE: Empowering Faculty for Entrepreneurial Research Development**, was conducted by IEDC MahaguruTech in association with the Institution's Innovation Council (IIC) MahaguruTech of Mahaguru Institute of Technology. The 5-day program took place from **April 9 to April 13, 2024**, in online mode via Google Meet. The program aimed to equip faculty members with the essential knowledge and skills necessary to foster entrepreneurial thinking and promote research commercialization.

The program was officially inaugurated by the Principal, Dr. V. Suresh Kumar, who emphasized the importance of entrepreneurship in academic research and the need for faculty to be at the forefront of innovation and development.

### **Program Structure and Key Sessions:**

#### **Day 1 - April 9, 2024**

Topic: **Understanding Entrepreneurial Research**

Speaker: **Prof. (Dr.) Arun Elias**, Dean Academics, Mahaguru Institute of Technology

The first day's session focused on defining entrepreneurial research and the significance of integrating entrepreneurship into academic research. Dr. Arun Elias discussed the challenges and opportunities for faculty in transforming their research into entrepreneurial ventures.

#### **Day 2 - April 10, 2024**

Topic: **Product Development & Commercialization**

Speaker: **Dr. Manikanada Prabu N**, HoD, Dept. of Mechanical Engineering, Mahaguru



Institute of Technology

The second session delved into the steps of product development, starting from idea generation to prototype creation, and discussed strategies for successfully commercializing innovative products. Dr. Manikanada emphasized the importance of aligning research outcomes with market needs.

### **Day 3 - April 11, 2024**

**Topic: Entrepreneurial Ecosystem & Collaboration**

**Speaker: Mr. Anuroop K B**, Chief Innovation Officer, IIIT Kottayam

On the third day, the discussion revolved around the entrepreneurial ecosystem and the role of collaboration in fostering innovation. Mr. Anuroop highlighted how faculty can tap into local and global networks to enhance their research impact through partnerships and collaborations.

### **Day 4 - April 12, 2024**

**Topic: Funding & Commercialization of Research**

**Speaker: Dr. Ajay Kumar**, HoD, Electronics & Communication Engineering, Adi Shankara Institute of Engineering & Technology

The fourth session focused on identifying funding opportunities for research and the commercialization process. Dr. Ajay outlined various funding sources, both government and private, and provided insights on how to pitch research projects to investors and potential collaborators.

### **Day 5 - April 13, 2024**

**Topic: Innovation & Creativity in Entrepreneurship**

**Speaker: Dr. Vince Paul A**, HoD, Computer Science & Engineering, Christ Engineering College

The final day highlighted the role of creativity and innovation in entrepreneurship. Dr. Vince Paul discussed how faculty members can foster creativity in their students and within their research teams, as well as the significance of nurturing an innovative mindset to drive



successful entrepreneurial ventures.

Around **120 faculty members** from various institutions participated in the program. The registration fee for the event was ₹150, making the program accessible while covering administrative costs.

The program was convened by **Mr. Anub A**, IEDC Nodal Officer, and coordinated by **Ms. Sreeti Gangadharan**, IEDC Nodal Officer, both of whom played key roles in organizing and ensuring the smooth execution of the event.

The 5-days EMERGEINNOVATE program was highly successful, empowering faculty members with the knowledge and skills necessary for entrepreneurial research development. The event was well-received by the participants, who appreciated the diverse topics covered and the practical insights shared by the experienced speakers. At the conclusion of the program, all participants were awarded certificates in recognition of their completion of the program.

The EMERGEINNOVATE FDP/FEDP served as an important milestone in fostering a culture of innovation and entrepreneurship within academic research, helping faculty to bridge the gap between research and commercialization.



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**MAHAGURU INSTITUTE OF TECHNOLOGY**  
Innovation & Entrepreneurship Development Centre (IEDC) & Institutions Innovation Council (IIC) at Mahaguru Institute of Technology  
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**INSTITUTIONS INNOVATION COUNCIL (IIC) & INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE (IEDC)**  
**5 DAYS FACULTY DEVELOPMENT PROGRAM (FDP)**  
ON  
**EMERGEINNOVATE: EMPOWERING FACULTY FOR ENTREPRENEURIAL RESEARCH DEVELOPMENT**  
DATE: APRIL 09 - 13, 2024

**ABOUT THE COLLEGE**  
Mahaguru Institute of Technology (MIT) is a premier institution dedicated to excellence in education and research in the field of technology. Located amidst the serene surroundings of Kayamkulam, Alappuzha, Kerala, MIT offers a conducive environment for learning and innovation.

**ABOUT IIC & IEDC**  
The Institutions Innovation Council (IIC) Innovation and Entrepreneurship Development Cell (IEDC) at Mahaguru Institute of Technology aims to foster a culture of innovation and entrepreneurship among students and faculty. Through various initiatives and programs, IIC & IEDC encourages students to develop innovative solutions and entrepreneurial skills to address real-world challenges.

**FDP SCHEDULE**

**Day 1: Understanding Entrepreneurial Research**  
Dr. Arun Elias  
Dean Academics  
Mahaguru Institute Of Technology

**Day 2: Product Development And Commercialization**  
Dr. Manikanda Prabu N  
HOD  
Mechanical Engineering  
Mahaguru Institute Of Technology

**Day 3: Entrepreneurial Ecosystem And Collaboration**  
Mr. Anoop KB  
Chief Innovation Officer  
IIT Kottayam

**Day 4: Funding And Commercialization Of Research**  
Dr. Ajay Kumar  
HOD  
Electronics & Electrical Engineering  
Sri Shankara Institute Of Engineering & Technology

**Day 5: Innovation and Creativity in Entrepreneurship**  
Dr. Vinco Paul A  
HOD  
Computer Science & Engineering  
Christ Engineering College

**ABOUT FDP**  
The online 5-day Faculty Development Program (FDP) organized by IIC & IEDC offers a comprehensive exploration of entrepreneurship. With distinguished speakers covering topics ranging from understanding entrepreneurial research to funding and commercialization, participants will gain insights into key aspects of entrepreneurship. This FDP serves as a pre-event for the Hackite hackathon, providing invaluable knowledge and resources to empower aspiring Entrepreneurs.

**ORGANIZERS**  
**Chief Patron(s):**  
- Dr. A.M. Gopalan, Chairman, Sri Gurudeva Charitable Trust  
- Sri. Sukumaran K., General Secretary  
- Sri. V. Sadasivam, Asst. Secretary

**Patron(s):**  
- Dr. V Suresh Kumar, Principal

**Co-ordinator:** Mr. Anub A Nair (IEDC Nodal Officer)  
**Co-Ordinator:** Mrs. Sreethi Gangadharan (IEDC Nodal Officer)

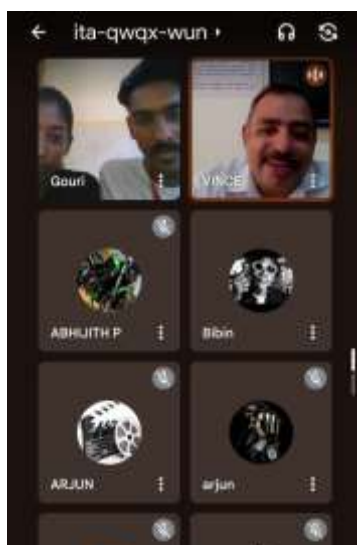
**REGISTRATION**  
Faculty member from any Educational Institutions, Research Scholars, PG Students, Participants from any Industry/College Staffs are eligible to apply.

Indian Participants : ₹ 150  
Foreign Participants : \$ 10

**Forms Link :**  
<https://forms.gle/PY3hSo9i2mUyW9R6>



**REGISTER NOW!!!**



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**CERTIFICATE**  
This is certify that

**Mr. FRANCIS LWESYA**

of THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA as actively participated in the 5 Days Online Faculty Entrepreneurship Development Programme (FEDP/FDP) on EMERGEINNOVATE: Empowering Faculty for Entrepreneurial Research Development organized by IEDC MahaguruTech in association with IIC MahaguruTech, from 9th April - 13th April, 2024 at Mahaguru Institute of Technology.

**Ms. Sreethi Gangadharan**  
FDP Coordinator/Nodal Officer  
IEDC MahaguruTech

**Mr. Anub A**  
FDP Coordinator/Nodal Officer  
IEDC MahaguruTech

**Dr. V Suresh Kumar**  
Principal  
Mahaguru Institute of Technology



## **PROGRAM 3: LEEP 2024 (Leadership & Entrepreneurship Enrichment Program)**

Date: **June 25 & 26, 2024**

Venue: **SDPK Hall**

Time: **10 AM to 4 PM**

On June 25 and 26, 2024, Mahaguru Institute of Technology hosted the **Leadership & Entrepreneurship Enrichment Program (LEEP 2024)**, a two-day event organized by the IEDC & IIC MahaguruTech in collaboration with EY Global Delivery Service and Mission Better Tomorrow. The program focused on the session titled "**How to Plan for Start-up and Legal & Ethical Steps**", offering valuable insights to aspiring entrepreneurs. The event aimed to equip participants with the knowledge required to navigate the complexities of starting and running a business while adhering to legal and ethical frameworks.

The program was inaugurated by the **Chief Guest, Mr. Vinod Kumar S**, Deputy Excise Commissioner of Alappuzha. In his keynote address, Mr. Vinod Kumar shared his thoughts on the critical role of leadership and entrepreneurship in today's dynamic business environment. He highlighted the significance of resilience and innovation for new entrepreneurs, emphasizing how ethical practices are fundamental to long-term success. His inspiring words set the tone for the event, encouraging participants to approach entrepreneurship with both creativity and responsibility.

The key sessions were led by two industry experts from EY: **Mr. Vinu V S**, Assistant Director, and **Ms. Reshmi Rajesh**, Supervising Associate. Mr. Vinu discussed how entrepreneurs can transform their ideas into viable business models, focusing on the importance of a solid business plan and understanding market needs. He provided practical advice on laying the groundwork for a start-up, stressing the need for strategic planning in the early stages of entrepreneurship. Meanwhile, Ms. Reshmi delved into the legal aspects of starting a business, guiding participants through the registration process, tax considerations, and compliance with local and international regulations. She also emphasized the ethical responsibilities that entrepreneurs must uphold to build trust with customers, investors, and partners.



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Throughout the event, participants engaged in interactive discussions, gaining valuable insights into real-world business challenges. The resource persons presented case studies of successful start-ups, providing practical examples of how to overcome common obstacles in the entrepreneurial journey. These case studies, combined with the dynamic Q&A sessions, allowed participants to explore various topics such as scalability, intellectual property, and sustainable business practices. The open discussions provided a platform for students, faculty, and other attendees to seek guidance on their entrepreneurial ambitions.

As the event concluded, participants left with a deeper understanding of the entrepreneurial landscape and the tools needed to succeed. The program reinforced the importance of innovation, ethical conduct, and resilience in the world of start-ups, motivating attendees to pursue their entrepreneurial goals with confidence. LEEP 2024 was widely regarded as a successful and impactful event, reinforcing Mahaguru Institute of Technology's commitment to fostering leadership and entrepreneurship among its community.

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**INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CENTRE (IEDC) & INSTITUTION'S INNOVATION COUNCIL (IIC)**

**Chief Guest**  
  
**Mr. VINOD KUMAR S**  
Deputy Excise Commissioner  
Alappuzha

**Resource Person**  
  
**Mr. VINU V S**  
Assistant Director at  
CY

**Resource Person**  
  
**Ms. RESHMI RAJESH**  
Supervising Associate  
EY GDS

**Welcome**  
**LEEP 2024**  
LEADERSHIP & ENTREPRENEURSHIP ENRICHMENT PROGRAM 2024

In collaboration with **EY GLOBAL DELIVERY SERVICES** Organised by **MISSION BETTER TOMORROW**

**MISSION BETTER TOMORROW**

**DATE: 25, 26 JUNE 2024**



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## PROGRAM 4: IEDC 2.0 Launch & Nodal Officers State Level Meetup

Date: **July 13, 2024**

Venue: **Rajagiri School of Engineering & Technology**

Time: **9:30 AM to 4:30 PM**

The IEDC 2.0 Launch & Nodal Officers State Level Meetup took place at Rajagiri School of Engineering & Technology on 13th July 2024, from 9:30 AM to 4:30 PM. This event, organized by the Kerala Startup Mission, aimed to introduce the revamped IEDC 2.0 model and foster collaboration among Nodal Officers from various institutions. Representing IEDC MahaguruTech, Mr. Anub A and Ms. Sreeti Gangadharan, Nodal Officers of MahaguruTech, attended the event.

The program commenced with a registration session, followed by an introduction and context-setting by Mr. Ashok Kurian Panjikaran, Senior Manager of Kerala Startup Mission, and Mr. Bergin S Russel, Assistant Manager of Kerala Startup Mission. The keynote address was delivered by Mr. Anoop Ambika, Chief Executive Officer of Kerala Startup Mission, who highlighted the significance of IEDC 2.0 and its potential impact on Kerala's startup ecosystem. After a brief networking tea break, Dr. Sherin Sam Jose, Nodal Officer from Amal Jyothi College of Engineering, presented an IEDC 2.0 implementation case study, showcasing practical insights and experiences. This was followed by a presentation from Dr. Preethi M, Nodal Officer from NIT Calicut, who outlined the roadmap to the IEDC Summit 2024.

Post lunch, Mr. Ajai Basil Varghese, a startup mentor and coach, led a session on scaling and the self-sustenance of IEDCs, providing valuable strategies for growth. The event concluded with a workshop on IEDC 2.0, where participants discussed key takeaways and best practices for implementation. The day ended with networking tea and a session for winding up. The event served as a vital platform for Nodal Officers to exchange ideas and explore opportunities for enhancing innovation and entrepreneurship in their respective institutions.



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**IEDC 2.0**  
PROGRAMME SCHEDULE

Venue: Rajagiri School of Engineering & Technology  
Date: 13.07.2024 | Time: 09:30 AM - 04:30 PM

09:30 - 10:00	Registration
10:00 - 10:15	Introduction & Context Setting <b>Mr. Aashok Kurian Panjickaran</b> Senior Manager, Kerala Startup Mission <b>Mr. Bergh S Russet</b> Assistant Manager, Kerala Startup Mission
10:15 - 11:30	Key note address & IEDC 2.0 <b>Mr. Anoop Ambika</b> Chief Executive Officer, Kerala Startup Mission
11:30 - 12:00	Networking Tea Break
12:00 - 13:00	IEDC 2.0 Implementation Case study <b>Dr. Shashi Sanku Jose</b> Nodal Officer, Amal Jyothi College of Engineering
13:00 - 13:15	Road to IEDC Summit 2024 <b>Dr. Preethi M</b> Nodal Officer, MIT Calicut
13:15 - 14:00	1400 Networking Lunch Break
14:00 - 14:30	Scaling & Self Statement of IEDC <b>Mr. Aji Basil Varghese</b> Startup Mentor & Coach
14:30 - 16:00	Workshop on IEDC 2.0 Presentation of Key Points and Identifying the best practices
16:00	Networking / Tea & Winding up

MAHAGURU INSTITUTE OF TECHNOLOGY  
SREE BHAKTA CHARITABLE & EDUCATIONAL TRUST





## PROGRAM 5: NSpD 2024 – National Space Day

Date: **August 5 - 10, 2024**

Venue: **Mahaguru Institute of Technology**

Time: **9:30 AM to 4 PM**

The **National Space Day (NSpD 2024)**, held from **August 5 to August 10, 2024**, was an exciting and knowledge-filled event organized by IEDC MahaguruTech, in association with IIC MahaguruTech and the ED Club of Mahaguru Institute of Technology. The event aimed to commemorate India's achievements in space exploration, especially with the successful launch of Chandrayaan 3. The theme for the event was "**Touching Lives while Touching the Moon: India's Space Saga**", which highlighted the impact of India's space programs on both scientific advancements and everyday life.

The event was held at the SDPK Hall of the institute and kicked off on August 5, 2024, with a grand inaugural ceremony presided over by the college principal, Dr. V Suresh Kumar. In his opening remarks, Dr. Suresh Kumar emphasized the importance of India's space mission in inspiring future generations and pushing the boundaries of scientific knowledge. His address set a dynamic tone for the rest of the week's activities, with a focus on engaging students and participants in celebrating India's space endeavors.

Following the inauguration, the **Painting Competition** on the topic "Chandrayaan 3" was conducted, inviting students to creatively express their interpretations of India's landmark space mission. Alongside, an **Astro Photography Competition** showcased some incredible captures of celestial bodies and space-related phenomena, giving participants the opportunity to highlight the wonders of the universe through their lenses.

The next day, on August 6, 2024, the spotlight was on words, as participants took part in the **Essay Writing Competition** on the topic "Chandrayaan 3." This competition encouraged students to dive deep into the significance of India's lunar missions, their technological achievements, and their impact on the global space community. Essays covered a wide range of perspectives, from the scientific marvels behind Chandrayaan to its geopolitical and cultural



relevance.

On August 7, 2024, the event featured **Science Fiction** - Short Story and Poem Writing Competitions, centered on the event's overarching theme, "Touching Lives while Touching the Moon: India's Space Saga." Participants used their creativity and imagination to craft futuristic stories and poems that reflected India's space journey, intertwining fiction with real-world scientific possibilities.

As the event progressed, August 8, 2024, brought a range of intellectual and hands-on activities. The **Literary Appreciation** session allowed participants to discuss and critically analyze space-themed books and movies, fostering a deep appreciation for space in both literature and cinema. Alongside this, the **Map Your Neighborhood with Bhuvan** event encouraged students to explore ISRO's Bhuvan geospatial platform, promoting awareness of spatial mapping and its practical applications. A highlight of the day was the *Rocket Model Making & Project Exhibition* on the theme of "Chandrayaan 3," where students showcased their innovative models of rockets and space vehicles, simulating the technology behind India's lunar missions.

The weeklong celebration of space exploration through NSpD 2024 engaged students, faculty, and the broader community in a variety of creative and educational activities. The theme, "Touching Lives while Touching the Moon", served as a constant reminder of the impact that space exploration has on everyday life, inspiring participants to think critically and creatively about the role of space technology in shaping the future.

NSpD 2024 was a resounding success, with high participation and enthusiasm across all the events, firmly establishing Mahaguru Institute of Technology as a hub of innovation and education in space sciences. The entire program not only celebrated India's rich space history but also inspired participants to contribute to the future of space exploration.



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## PROGRAM 6: Tech Talk: Modeling Mavericks (Bridge Course)

Date: August 9, 2024

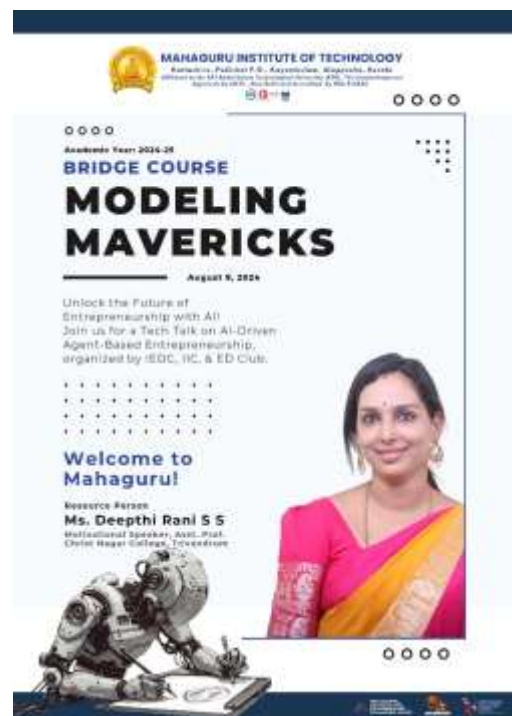
Venue: SDPK Hall

Time: 10:30 AM to 1:30 PM

On August 9, 2024, Mahaguru Institute of Technology hosted an engaging Tech Talk titled "**Modeling Mavericks: AI-Driven Agent-based Entrepreneurship**" as part of the Bridge Course for First Year Students. Organized by IEDC MahaguruTech in association with IIC and the ED Club of the institution, the event aimed to introduce new students to the dynamic world of entrepreneurship and the growing influence of AI-driven technologies.

The program was inaugurated by Dr. V Suresh Kumar, the principal of Mahaguru Institute of Technology. In his opening remarks, Dr. Suresh Kumar emphasized the importance of staying ahead of the technological curve, especially in fields like entrepreneurship where innovation is crucial. He highlighted the role of AI in transforming business landscapes and encouraged the students to embrace emerging technologies as a means to enhance their entrepreneurial pursuits.

The Tech Talk was led by **Ms. Deepthi Rani S S**, a renowned motivational speaker and Assistant Professor at Christ Nagar College. Ms. Deepthi Rani is known for her ability to break down complex subjects into relatable and inspiring narratives, making her an ideal resource person for introducing first-year students to the cutting-edge intersection of artificial intelligence and entrepreneurship.





During the session, Ms. Deepthi Rani explored the concept of **AI-driven agent-based entrepreneurship**, where AI technologies and algorithms simulate and support decision-making processes in entrepreneurial ventures. She emphasized how AI-powered agents can be used to model market behaviors, predict customer preferences, and optimize operational strategies, giving modern entrepreneurs a competitive edge. The talk shed light on the growing trend of entrepreneurs leveraging AI tools to streamline business operations, reduce risks, and identify new opportunities.

Ms. Deepthi Rani also touched upon real-world examples of businesses using AI to disrupt traditional markets, providing the students with tangible cases of how innovation is reshaping industries globally. She discussed the potential of AI in enhancing business agility, improving customer experiences, and transforming supply chains. The session was interactive, with students eagerly participating in discussions and posing questions about the future of AI in entrepreneurship.

The event was a significant success, providing first-year students with not only a glimpse into the evolving world of AI-driven businesses but also practical insights into how they can integrate these technologies into their own entrepreneurial aspirations. Ms. Deepthi Rani's engaging delivery and motivational approach resonated with the students, leaving them inspired and ready to explore the possibilities that lie ahead in their academic and entrepreneurial journeys.

The Tech Talk on "Modeling Mavericks: AI-Driven Agent-based Entrepreneurship"\*\*\* was an important milestone in the bridge course for first-year students, equipping them with a forward-thinking mindset and an understanding of the tools they need to excel in a tech-driven entrepreneurial landscape. The event also reinforced Mahaguru Institute of Technology's commitment to providing cutting-edge education and fostering innovation among its students.



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## PROGRAM 7: Independence Day Celebration

Date: **August 15, 2024**

Venue: **Centre Ground**

Time: **9 AM to 12 PM**

The **Independence Day Celebration** at Mahaguru Institute of Technology, organized by IEDC MahaguruTech in association with NSS and \*IIC MahaguruTech, was a vibrant and patriotic event, marking India's journey through "Aazadi Ka Amritkal". The event took place on August 15, 2024, and was a reflection of the spirit of independence and unity among the students, faculty, and staff of the institution.



The celebration began with the hoisting of the national flag by the esteemed Principal, Dr. V Suresh Kumar, at 9:00 AM. The raising of the tricolor was accompanied by the collective singing of the national anthem, filling the air with a deep sense of pride and reverence for the sacrifices made during India's struggle for independence. The ceremony set the tone for the rest of the event, with the entire college community coming together to celebrate this significant occasion.

Students from various departments enthusiastically participated in a range of patriotic programs, showcasing their talents through songs, speeches, and cultural performances. These performances were a tribute to India's rich history and diverse culture, while also celebrating the strides the nation has made in recent years. The theme of the day, "Aazadi Ka Amritkal", highlighted the importance of this era of transformation, focusing on the role that young minds play in shaping the future of the country.

One of the highlights of the event was a special speech delivered by the Principal, Dr. V Suresh Kumar, who spoke about the significance of independence in today's world. He emphasized the importance of freedom not only in a political context but also in terms of innovation,



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creativity, and the development of a progressive society. His speech also encouraged students to reflect on their responsibility as the future leaders of the nation, particularly during this transformative period of India's growth.

The NSS volunteers played a vital role in organizing the event, ensuring smooth coordination and active participation from students. Their dedication and enthusiasm were evident throughout the celebration, adding to the success of the day. In addition to the cultural programs, the IEDC MahaguruTech team held a brief session on innovation and entrepreneurship, encouraging students to think creatively and contribute to India's future through entrepreneurial endeavors. This session was well-received, as it connected the theme of independence with the concept of self-reliance and innovation, aligning with the nation's broader vision.

The Independence Day celebration at Mahaguru Institute of Technology concluded by 12:00 PM, leaving participants with a renewed sense of patriotism and inspiration. The event not only honored the historical significance of the day but also instilled a sense of responsibility among students to actively contribute to the nation's progress. The atmosphere of unity, pride, and optimism resonated throughout the campus, making the celebration a memorable and meaningful experience for everyone involved.





## PROGRAM 8: SOGNO SUCCESSO

Date: **September 9, 2024**

Venue: **Seminar Hall**

Time: **10:30 AM to 1PM**

The **Independence Day Celebration** at Mahaguru Institute of Technology,

On September 9, 2024, Mahaguru Institute of Technology organized an induction program titled "**SOGNO SUCCESSO - Empowering the Future Generation**" for its new batch of first-year B.Tech students. Held in the Seminar Hall from 11:30 AM, this program was organized by IEDC MahaguruTech in collaboration with IIC and the ED Club of the institution, aiming to inspire and guide the newly joined students as they embark on their academic journey. The event marked a significant step in welcoming the young minds and equipping them with insights into the evolving world of technology, leadership, and innovation.

The induction program was a collaborative initiative with **Srishti Innovative**, a renowned firm dedicated to technology and innovation. A team of four professionals from Srishti Innovative attended the event, including **Vishnu Prasad M V, Abhinesh Anand, Vaishnav P B, and Amalchand J S**. These experienced professionals brought a wealth of knowledge and real-world expertise to share with the students, covering various aspects of technology, entrepreneurship, and professional development.



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**“SOGNO SUCCESSO”**  
EMPOWERING THE FUTURE GENERATION

B.TECH FIRST YEAR INDUCTION PROGRAMME

Monday, 09th Sept 2024  
SEMINAR HALL  
Start from 11:30 AM

IN COLLABORATION WITH  
**S** **SRI SHI INNOVATIVE**  
QUALITY BEYOND CONTRACT

Organised By:  
IEDC | IIC | ED Club

**VISHNU PRASAD M V**  
SENIOR HR MANAGER & CSR MANAGER  
SRI SHI INNOVATIVE

**ABHINESH ANAND**  
Branding and Promotion Associate

**VAISHNAV P B**  
SEID

**AMALCHAND J S**  
Sales Enhancement Executive

For more information, visit our website at [www.mahagurutech.com](http://www.mahagurutech.com)

The event began with a warm welcome extended to the guests and students by representatives from IEDC MahaguruTech. The Srishti Innovative team led interactive sessions focused on empowering students to think beyond the classroom, highlighting the significance of technical knowledge, creativity, and problem-solving in today’s fast-paced world. The speakers shared inspiring stories from their professional experiences, shedding light on the challenges and rewards of pursuing a career in technology and innovation.

Each speaker from Srishti Innovative contributed unique insights into the essential skills required for success in the tech industry. Vishnu Prasad M V emphasized the importance of adaptability and continuous learning, encouraging students to stay updated with emerging trends and technologies. Abhinesh Anand discussed the role of teamwork and collaboration in achieving success, urging students to embrace collaborative efforts in their academic and professional pursuits. Vaishnav P B highlighted the impact of innovation on society, inspiring students to think creatively and develop solutions that address real-world problems. Lastly, Amalchand J S delved into the entrepreneurial mindset, motivating students to be proactive, resilient, and open to taking calculated risks.

Throughout the session, students engaged actively in discussions, asking questions, and seeking guidance on how to make the most of their time in college. The Srishti team provided practical



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advice, offering tips on effective learning strategies, building a strong professional network, and exploring various avenues in the field of technology. The interactive nature of the program allowed the students to connect with the speakers, fostering a sense of inspiration and motivation.

The "SOGNO SUCCESSO - Empowering the Future Generation" induction program successfully laid the foundation for a productive and fulfilling academic journey for the new students. It provided them with the knowledge, inspiration, and confidence needed to pursue their goals in the dynamic field of engineering. The event concluded with a vote of thanks, leaving the students with a strong sense of purpose and direction as they stepped forward in their academic careers.



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## PROGRAM 9: SPARK OF INNOVATION – Student Idea Presentation

**Date:** October 15, 2024

**Venue:** Mahaguru Institute of Technology

**Time:** 8 Hours

The “Spark of Innovation – Student Idea Presentation” was organized by the **Department of Computer Science & Engineering**, Mahaguru Institute of Technology, in association with the **Institution’s Innovation Council (IIC 5.0)** under the **Ministry of Education (MoE’s Innovation Cell)**, **Government of India**. The program was conducted on **15th October 2024**, coinciding with **National Innovation Day**, to commemorate the birth anniversary of **Dr. A.P.J. Abdul Kalam**, former President of India and an eminent scientist.

The event aimed to instill a spirit of innovation, creativity, and entrepreneurial thinking among students by providing a structured platform for idea pitching. Participation was **self-driven**, limited to students of the institution, with a total of **45 participants**, including **20 women participants**, reflecting inclusive engagement.



**Remembering APJ**

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IEDC | IIC | ED CLUB  
**INNOVATION DAY**  
**SPARKS OF INNOVATION**  
Organized by:  
Department of Computer Science & Engineering  
in association with  
Institution’s Innovation Council (IIC 5.0)  
Ministry of Education (MoE’s Innovation Cell), Govt. of India  
On 15/11/2024  
VENUE: SDPK HALL



The program commenced with a tribute to Dr. A.P.J. Abdul Kalam, highlighting his visionary contributions to science, technology, and youth empowerment. The **Head of the Department** and the **IIC Convenor** formally welcomed the participants and emphasized the importance of innovation, indigenous solutions, and problem-solving skills in addressing contemporary societal and industrial challenges.

The event was conducted under the **Idea Pitching** track and categorized under **Innovation**, focusing on emerging sectors such as **PropTech, LegalTech, and RegTech**. Students presented original, practical, and impactful ideas using **PowerPoint presentations, models, and prototypes**. The ideas were evaluated by a panel of faculty members based on parameters including **innovation, feasibility, social relevance, sustainability, and clarity of presentation**.

The session witnessed enthusiastic participation and a wide range of creative solutions addressing real-world problems. The collaborative efforts of **IEDC MahaguruTech** and the **Department of Computer Science & Engineering** played a key role in the smooth execution of the event.

### Winners of “Spark of Innovation”

- 🏆 **First Prize:** *Bhama S Nair* – Department of Artificial Intelligence & Machine Learning (AIML)
- 🥈 **Second Prize:** *Albin T Lal* – Department of Civil Engineering
- 🥉 **Third Prize:** *Abhishek K* – Department of Artificial Intelligence & Machine Learning (AIML)

### Outcome of the Program:

The event successfully achieved its objectives by:

- Encouraging students to view innovation and entrepreneurship as viable career pathways
- Promoting sustainability and nature-based problem-solving using indigenous ideas
- Motivating participants to develop ideas with potential for startups and social ventures



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- Creating a collaborative platform for idea sharing, peer learning, and mentorship

The program concluded with a **vote of thanks** followed by a **group photograph** with participants and winners. The initiative received positive feedback from students and faculty alike and stood as a meaningful tribute to Dr. Kalam's vision of igniting young minds through science, innovation, and creativity.

## 1. Photograph of the Event - Stage





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## 2. Photograph of the Event - Audience





## PROGRAM 10: FLEMIX 24– Design Thinking & Aerospace Innovation

**Date:** September 29, 2024

**Venue:** Mahaguru Institute of Technology

**Time:** 8 Hours

The “**Modeling Mavericks**” event, conducted under the banner of **FLEMIX 24**, was organized with the objective of providing a dynamic and interdisciplinary platform for students to demonstrate their skills in **design thinking and aerospace innovation**. The program was organized with the support of **IEDC MahaguruTech** and encouraged self-driven participation exclusively from students of the institution.

The event witnessed active participation from **42 students**, including **18 women participants**, representing various engineering disciplines and semesters (S1, S4, and S6). The competition challenged participants to **conceptualize and construct physical models** related to **space technology, rockets, satellites, launch systems, and exploration vehicles**, blending creativity with engineering principles and futuristic thinking.

The program emphasized **hands-on learning, teamwork, and interdisciplinary collaboration**, reflecting the shared vision of the Institution’s Innovation ecosystem to promote experiential learning. Students showcased models that demonstrated feasibility, innovation, and alignment with real-world aerospace and engineering concepts. The exhibition format enabled meaningful interaction between participants and evaluators, enhancing learning outcomes.

### Evaluation Criteria

The models were evaluated based on the following parameters:

- Creativity and Originality
- Feasibility and Practicality
- Application of Design Thinking
- Technical Explanation and Team Presentation



## Winners – Rocket Model Making Exhibition

- 🏆 **First Prize:** Shanu, Angith, Devadevan, Vaishnav – S6 EEE
- 🥈 **Second Prize:** Mangima, Nandana, Priya G Pai – S6 ECE
- 🥉 **Third Prize:** Gopika Ganesh (S6 AIML) & E. M. Devanarayan (S6 CSE)

## Judging Panel

The event was evaluated by a distinguished panel comprising:

- **Mr. Sartah S**, Head of the Department, Electrical and Electronics Engineering
- **Ms. Vivitha Vijay**, Head of the Department, Artificial Intelligence and Machine Learning
- **Ms. Sreeti Gangadharan**, Assistant Professor, Department of Science and Humanities

Their expert insights and interdisciplinary perspectives greatly enriched the evaluation process and participant learning experience.

## Key Outcomes of the Program

- Enhanced student interest in aerospace innovation and model-based learning
- Promotion of interdisciplinary, project-based learning culture
- Strengthening of communication, teamwork, and presentation skills
- Identification of potential ideas for future **IEDC and IIC innovation initiatives**

The **Modeling Mavericks** event was widely appreciated for its energy, creativity, and academic relevance, making it a significant contribution to fostering innovation and design-oriented thinking among students.



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## 1. Creatives created for the Event



## 2. Photograph of the Event - Stage





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3. Photograph of the Event – Audience





## **PROGRAM 11 : From Idea to Impact – Motivational Session by Successful Entrepreneur / Start-up Founder**

**Date:** October 14, 2024

**Time:** 2:30 PM

**Venue:** SDPK Hall, Mahaguru Institute of Technology

The **Institution's Innovation Council (IIC ID: IC201912929)** of Mahaguru Institute of Technology organized a motivational and interactive session titled **“From Idea to Impact – Dream. Build. Inspire: The Entrepreneur's Journey from Idea to Impact”** on **14th October 2024**. The program was designed to inspire students and faculty members by exposing them to real-world entrepreneurial experiences and success stories.

The session was formally inaugurated by **Dr. V. Suresh Kumar, Principal, MIT**, who emphasized the importance of innovation, startups, and entrepreneurial thinking in shaping the future of young professionals. The keynote address was delivered by **Mr. Abidh Habeeb, Founder & CEO of INCIAL**, who served as the **Chief Guest and Resource Person** for the event.

A total of **46 participants**, including students, faculty members, and IIC members, attended the session, with **21 women participants**, reflecting strong and inclusive participation. The program was coordinated by **Mr. Anub A, IIC President**, along with **Mrs. Ponnambil and Ms. Aprana M (IL Convenors)** and **Mr. Ayyappan M B (IL Student Coordinator)**.

During the session, Mr. Abidh Habeeb shared his **entrepreneurial journey**, explaining how innovative ideas can be transformed into impactful ventures through persistence, strategic planning, and adaptability. He highlighted key aspects such as **idea validation, market challenges, leadership, risk-taking, and scaling startups**. The interactive nature of the session encouraged participants to actively engage, ask questions, and seek guidance on entrepreneurship-related challenges.

The session effectively bridged the gap between **academic learning and real-world entrepreneurial practices**, motivating students to think creatively and pursue innovation-driven career paths. The program concluded with a **vote of thanks**, acknowledging the valuable



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insights shared by the resource person and the collective efforts of the organizers.

## Outcomes of the Program

- Participants gained practical exposure to entrepreneurial challenges and startup ecosystems
- Enhanced motivation to pursue innovation-based projects and ventures
- Improved understanding of leadership, strategic thinking, and problem-solving
- Encouraged students to translate academic knowledge into real-world entrepreneurial impact

The program was well received and successfully inspired participants to **dream big, build innovatively, and strive to create meaningful impact through entrepreneurship.**

1. creatives created for the Event

IIC ID : [IC201912929](#)

APTE  
INSTITUTION'S INNOVATION COUNCIL  
MINISTRY OF EDUCATION  
MHRD'S INNOVATION CELL  
(GOVERNMENT OF INDIA)

## INSTITUTION'S INNOVATION COUNCIL

ORGANIZING

### From Idea to Impact – Motivational Session by Successful Entrepreneur/Start-up Founder

**DREAM. BUILD. INSPIRE: THE ENTREPRENEUR'S JOURNEY FROM IDEA TO IMPACT**

**Inaugural Address**  
**Dr. V Suresh Kumar**  
Principal, MIT

**Co-ordinators**  
**Mr. Anub A**  
IIC President

Mrs. Ponnambil, Ms. Aprana M  
IL Convenors

Mr. Ayyappan MB  
IL Student Co-ordinator

**SESSION :10:30 AM**  
Dream. Build. Inspire: The Entrepreneur's Journey from Idea to Impact

**Mr. Abidh Habeeb**  
Founder & CEO of INCIAL

**14/10/2024 2:30 PM , VENUE:SDPK HALL**

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## 2. Photograph of the Event - Stage



## 3. Photograph of the Event - Audience- session





## PROGRAM 12 : National Education Day – External Interaction Event

**Date:** November 11, 2024

**Duration:** 3 Hours

**Venue:** Govt. UPS Kattachira

The **Institution’s Innovation Council (IIC)** of Mahaguru Institute of Technology organized a **National Education Day – External Interaction Program** on **11th November 2024** at **Govt. UPS Kattachira**, as part of its community outreach and innovation awareness initiatives. The program was conducted with the objective of inspiring young minds and creating awareness about the importance of education, creativity, and innovation in shaping the future.

The event was attended by **20 IIC student members** and **50 school students** from **Classes 1 to 4**, with a total of **35 women participants**, reflecting inclusive participation. The interaction-focused program was designed to engage young learners through age-appropriate and activity-based methods.

During the session, IIC student members interacted closely with school children using **simple discussions, colorful posters, storytelling, and fun learning games**. These activities helped convey key messages on how education contributes to personal growth, social development, and nation-building. The young students actively participated and demonstrated curiosity, enthusiasm, and creativity throughout the program.

The central themes of the event were **“Innovation through Education”** and **“The Role of Education in Building a Better Future.”** Through interactive engagement, students were encouraged to think imaginatively, ask questions, and understand that education is a powerful tool for empowerment and lifelong learning.

The program concluded with **motivational messages inspired by Maulana Abul Kalam Azad**, highlighting the idea that every child possesses the potential to learn, innovate, and make meaningful contributions to society. The National Education Day celebration successfully fostered a joyful learning environment and reinforced the values of education, curiosity, and innovation among young students.



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The event stood as a meaningful community outreach activity, strengthening the bond between higher education institutions and school-level learners while promoting the spirit of learning and innovation at an early age.

## 1. Creatives created for the Event

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**INSTITUTION'S INNOVATION COUNCIL**  
(Priority of Education Initiatives)

**BIRTH ANNIVERSARY  
MAULANA ABUL KALAM AZAD**

**NATIONAL EDUCATION DAY**  
11 November

**INSTITUTION'S INNOVATION COUNCIL**  
(Priority of Education Initiatives)

**INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE**

**MHRD'S INNOVATION CELL (GOVT. OF INDIA)**

**ED CLUB**




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**External Interaction at  
Govt. UPS Kattachira**

**THEME:**  
Importance of  
education, innovation,  
and the role of  
learning in building  
the future.

**BIRTH ANNIVERSARY  
MAULANA ABUL KALAM AZAD**

**INTERNATIONAL EDUCATION DAY**  
11 November

Date: 11/11/2024  
Time: 2.00 PM  
venue: Govt. UPS Kattachira





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## 2. Photograph of the Event - Stage



## 3. Photograph of the Event - Audience- session





## PROGRAM 3: Faculty Development Program (FDP) on

### Program 13 : FDP on “Entrepreneurial Research and Research Writing” – *InspireWrite*

**Date:** November 22 – 26, 2024

**Mode:** Online

**Duration:** 5 Days

The **Faculty Development Program (FDP) on “Entrepreneurial Research and Research Writing” – InspireWrite** was organized by the **Institution’s Innovation Council (IIC)** and **Innovation and Entrepreneurship Development Centre (IEDC)**, Mahaguru Institute of Technology, from **22nd November 2024 to 26th November 2024** in online mode. The program was designed to strengthen research capabilities and promote entrepreneurial thinking among faculty members, research scholars, and postgraduate students.

The FDP aimed to provide comprehensive exposure to **entrepreneurial research concepts, effective research design, academic writing skills, and publication strategies**, with a focus on transforming research outcomes into innovation and entrepreneurial ventures.

The program was **coordinated by Mr. Anub A**, with **Ms. Sreeti Gangadharan, IEDC Nodal Officer**, and other faculty coordinators actively managing the sessions and ensuring smooth participant engagement. The FDP witnessed enthusiastic participation from **100 participants**, including faculty members, research scholars, and industry professionals, with **42 women participants**, reflecting strong inclusive participation.

## Day-wise Overview

### Day 1 – Introduction to Entrepreneurial Research

The inaugural session focused on building awareness about the scope and importance of entrepreneurial research. Participants were introduced to identifying research gaps, framing impactful research questions, and aligning research outcomes with entrepreneurial and societal needs.

### Day 2 – Research Design and Methodology

The second day emphasized systematic research design, selection of suitable methodologies,



and tools for data collection and analysis. Practical approaches for applied and interdisciplinary research relevant to academic and entrepreneurial ecosystems were highlighted.

### **Day 3 – Research Writing and Publishing**

This session was led by **Ms. Deepthi Rani S S** and **Dr. Rani M R**, who provided in-depth guidance on structuring research manuscripts, writing high-quality academic papers, and maintaining clarity and coherence. Literature review techniques, citation management, and ethical research writing were also discussed.

### **Day 4 – Manuscript Submission to Journals and Conferences**

Participants were oriented on the peer-review process, identifying appropriate journals and conferences, manuscript formatting, and submission procedures. The session also addressed plagiarism avoidance, responding to reviewer comments, and improving research visibility.

### **Day 5 – Entrepreneurship Applications and Networking**

The final day focused on converting research outputs into entrepreneurial applications. Case studies of successful research-driven startups were discussed, along with strategies for networking, collaboration, and leveraging research for innovation and business development.

### **Key Highlights**

- Interactive Q&A sessions and live demonstrations ensured active engagement
- Hands-on guidance for developing research proposals with entrepreneurial potential
- Practical examples of research implementation in startups and innovation projects
- Networking opportunities with peers, researchers, and industry mentors

### **Outcomes of the Program**

- Enhanced understanding of research design, methodology, and academic writing
- Improved ability to identify research opportunities linked to entrepreneurship
- Increased confidence in manuscript preparation and publication processes
- Greater awareness of the role of research in innovation, entrepreneurship, and societal impact



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The InspireWrite FDP successfully fostered a culture of **research excellence, innovation, and entrepreneurial thinking**, equipping participants with the skills required to contribute effectively to academia, industry, and startup ecosystems.



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INSTITUTIONS INNOVATION COUNCIL (IIC)  
&  
INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE (IEDC)

**5 DAYS FACULTY ENTREPRENEURIAL DEVELOPMENT PROGRAM (FDP/FEDP)**

**INSPIREWRITE: FDP ON EFFECTIVE RESEARCH & ENTREPRENEURSHIP**



Date: 22 November 2024 - 26 November 2024

IN ASSOCIATION WITH  
INTERNAL QUALITY ASSURANCE CELL (IQAC)



[www.mahagurutech.ac.in](http://www.mahagurutech.ac.in)

### About MIT

Established in 2009, MAHAGURU INSTITUTE OF TECHNOLOGY (MIT) has consistently produced distinguished engineers for over a decade. Approved by AICTE and affiliated with KTU, MIT's CSE department is NBA certified and the institute holds NAAC accreditation. The college offers seven undergraduate programs and three postgraduate programs in engineering, adhering to international standards of technical education. With a focus on academic excellence, discipline, and student welfare, MIT is dedicated to delivering quality education and providing students with the right exposure for their professional growth.

### MIT- IIC/IEDC

The Institutions Innovation Council (IIC) Innovation and Entrepreneurship Development Cell (IEDC) at Mahaguru Institute of Technology aims to foster a culture of innovation and entrepreneurship among students and faculty. Through various initiatives and programs, IIC & IEDC encourages students to develop innovative solutions and entrepreneurial skills to address real-world challenges.

### ABOUT FDP

The online 5-day Faculty Development Program (FDP) organized by IIC & IEDC offers a well-rounded exploration of entrepreneurial research and research writing. With a series of insightful sessions led by distinguished speakers, the program will cover essential topics such as identifying research opportunities, effective research design, data analysis, and academic writing. This FDP serves as an invaluable resource, equipping aspiring entrepreneurs and researchers with the skills and insights necessary to succeed in the dynamic world of entrepreneurship.

### ELIGIBILITY

Faculty members of the AICTE approved institutions, Research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/ Technicians Participants from Industry etc.) and staff of host institutions are eligible to apply for the FDP.

### CO-ORDINATORS

**Mr. Anub A**  
IEDC NODAL OFFICER  
Contact: 9496466631

**Ms. Sreeti Gangadharan**  
IEDC NODAL OFFICER  
Contact: 8907475852

**Ms. Aparna M**  
ED CLUB COORDINATOR  
Contact: 9645662598

### FDP SCHEDULE

**Day 1: Introduction to Entrepreneurial Research**  
Dr. Simi Antony  
HOD, Civil Engineering  
Mahaguru Institute Of Technology

**Day 2: Research Design and Methodology**  
Dr. Rani MR  
Asst Professor  
Dept. of IT, college of engineering palakkad

**Day 3: Research Writing and Publishing**  
Ms. Deepthi Rani SS  
Asst Professor  
Chirist Nagar College, Trivandrum

**Day 4: Guidance on Manuscript Submission to Journals and Conference Proceedings**  
Dr. Rani MR  
Asst Professor  
Dept. of IT, college of engineering palakkad

**Day 5: Entrepreneurship Applications and Networking**  
Dr. Simi Antony  
HOD, Civil Engineering  
Mahaguru Institute Of Technology

### REGISTRATION DETAILS

Indian Participants : ₹ 200  
Foreign Participants : \$ 15  
100 SEATS  
LAST DATE: 28/10/2024  
<https://forms.gle/jfw8YUNJ9cCoLXYv5>



GPAY: 9496466631

### HELP LINE

9496466631 | 9645662598



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HOD CE MIT (Presenting)

ENTREPRENEURSHIP APPLICATIONS AND NETWORKING

Dr. Savi M R  
Associate Professor and HoD  
Department of Civil Engineering  
Mahaguru Institute of Technology

2:08 PM | FEDRFDP

2:12

rkj-ecet-ngu

Outline

- What is research?
- Objectives of research
- Types of research
- Research Process
- Research Design
- Research Methodology
- Research Skills
- Challenges in Research
- References

Rani is presenting

Dr. Mohd ...

SIMI

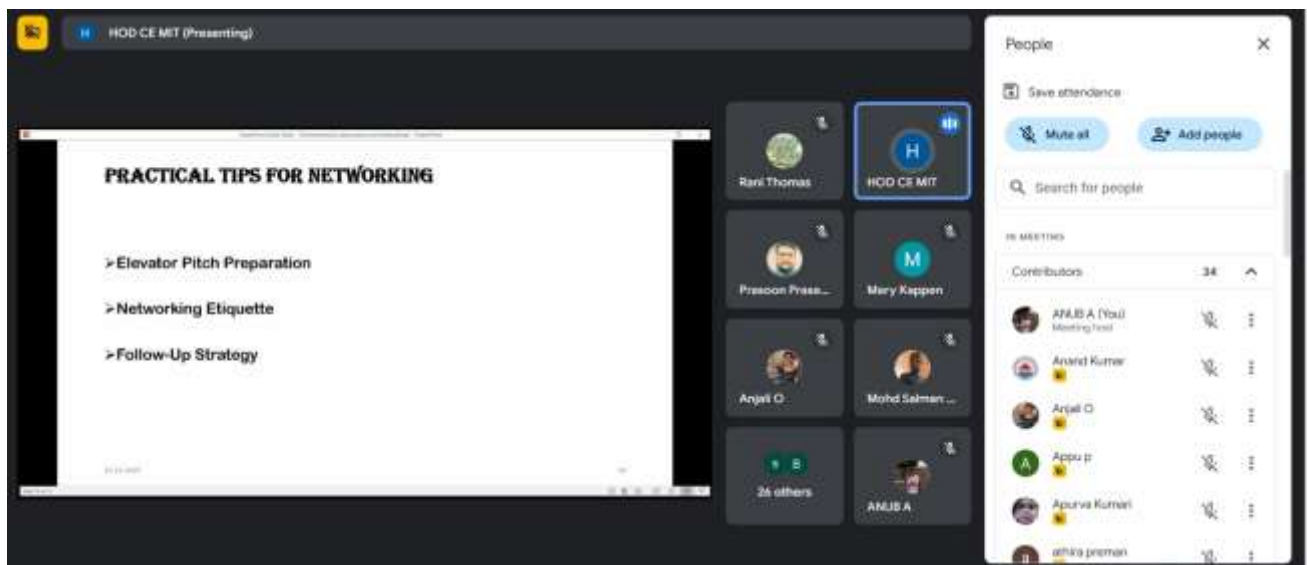
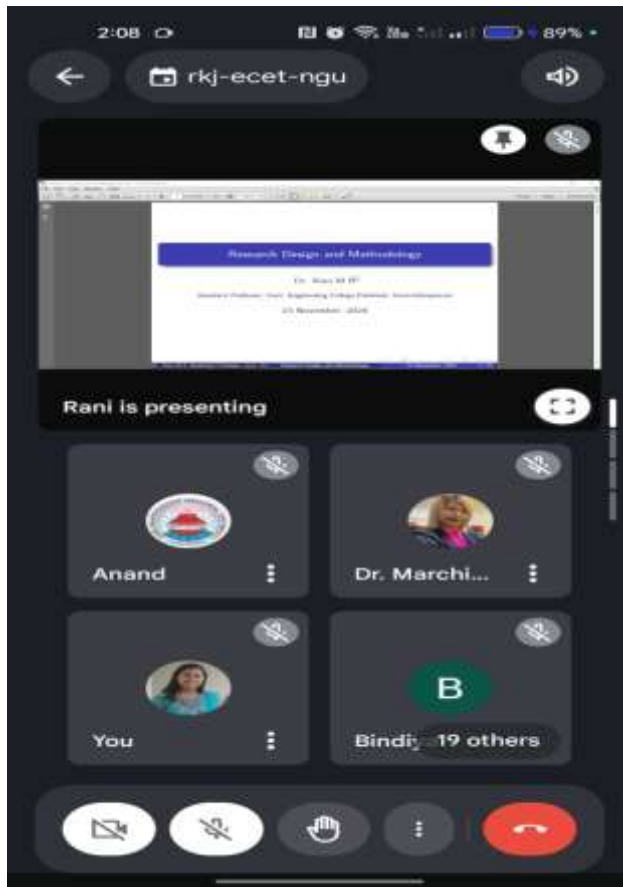
You

Rani 29 others



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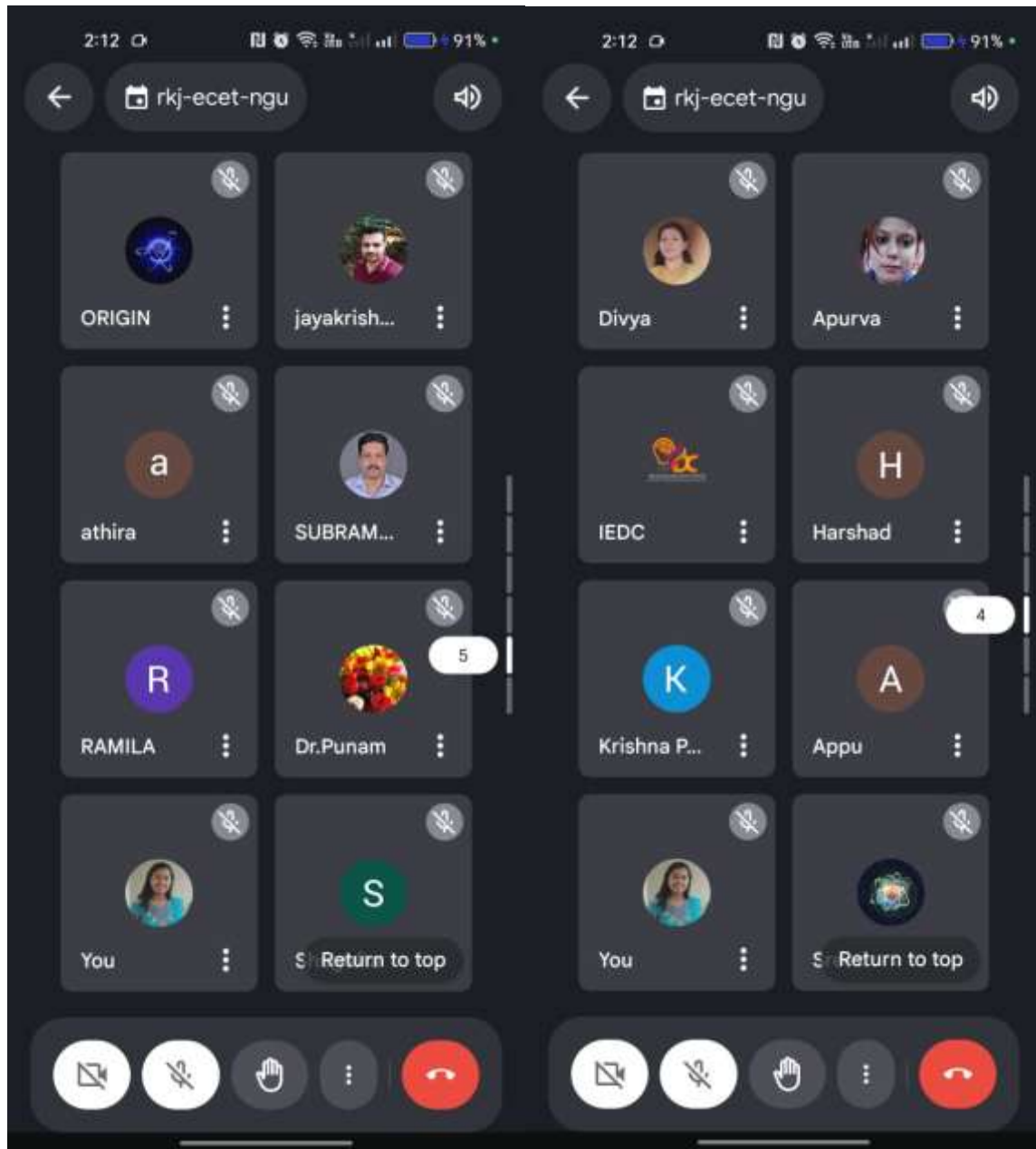


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## **PROGRAM 14: Industrial Field Visit to Kerala State Electronics Development Corporation Limited (KELTRON)**

**Date:** January 18, 2025

**Time:** 10:00 AM – 4:00 PM

**Duration:** Full Day Visit

**Venue:** KELTRON, Kerala

An **Industrial Field Visit** was organized on **18th January 2025** to **Kerala State Electronics Development Corporation Limited (KELTRON)**, a premier state-owned enterprise under the **Government of Kerala**. The visit was conducted to provide students with first-hand exposure to industrial practices in the **electronics and IT sector** and to enhance their understanding of real-world applications of academic concepts.

A total of **62 students** from various departments, along with **4 faculty coordinators**, participated in the visit. The program was organized in association with **IEDC MahaguruTech** and **ED Club MahaguruTech**, emphasizing innovation, entrepreneurship, and industry-oriented learning. Among the participants, **32 were women**, reflecting active and inclusive participation.

During the visit, students were introduced to different operational units of KELTRON involved in **electronic hardware manufacturing, IT product development, and integrated technology solutions**. The resource personnel at KELTRON provided detailed explanations of production workflows, quality standards, and innovative practices adopted by the organization. Students also gained insights into KELTRON's **nationwide sales and service network** and its role in supporting large-scale government and industrial projects.

The interaction sessions highlighted KELTRON's significant contribution to **Kerala's industrial development**, including employment generation and the introduction of pioneering industrial concepts in the electronics domain. Students were exposed to emerging trends, future innovations, and career opportunities in the electronics and IT industries.

Due to company policies, **photography inside the production units was restricted**; however, students maintained detailed observation notes and learning records throughout the visit. The



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industrial field visit effectively bridged the gap between classroom learning and industrial practices, motivating students to explore innovation, entrepreneurship, and careers in the electronics sector.

## 1. Creatives created for the Event





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## PROGRAM 15: National Youth Day – Poster Making Competition

**Date:** January 12, 2025

**Duration:** 3 Hours

**Venue:** Mahaguru Institute of Technology

The **National Youth Day – Poster Making Competition** was organized on **12th January 2025** to commemorate the birth anniversary of **Swami Vivekananda** and to celebrate his ideals of youth empowerment, leadership, and nation-building. The program aimed to inspire students and youth volunteers to express their thoughts creatively while reflecting on the vital role of youth in shaping the future of the nation.

The event witnessed enthusiastic participation from **50 students and youth volunteers**, including **14 women participants**, demonstrating active engagement and creative expression. The competition was organized in collaboration with **IEDC** and **NSS**, reinforcing the spirit of innovation, social responsibility, and community development among students.

The theme of the competition, **“Youth Power: Building the Nation, Shaping the Future,”** encouraged participants to convey messages of empowerment, service, unity, and leadership through visually impactful and meaningful posters. Participants showcased their artistic skills and social awareness by illustrating concepts related to education, community development, national integrity, and youth-led transformation.

The posters were evaluated based on **creativity, relevance to the theme, clarity of message, and visual appeal**. The best entries were recognized with **certificates and prizes**, motivating students to continue engaging in creative and socially relevant activities.

The event concluded with a **motivational address** highlighting the timeless teachings of **Swami Vivekananda**, especially his powerful message: *“Arise, Awake, and Stop Not Till the Goal is Reached.”* The program successfully promoted cultural and creative expression, strengthened youth awareness, and reinforced the importance of active participation in nation-building.

1. Creatives created for the Event



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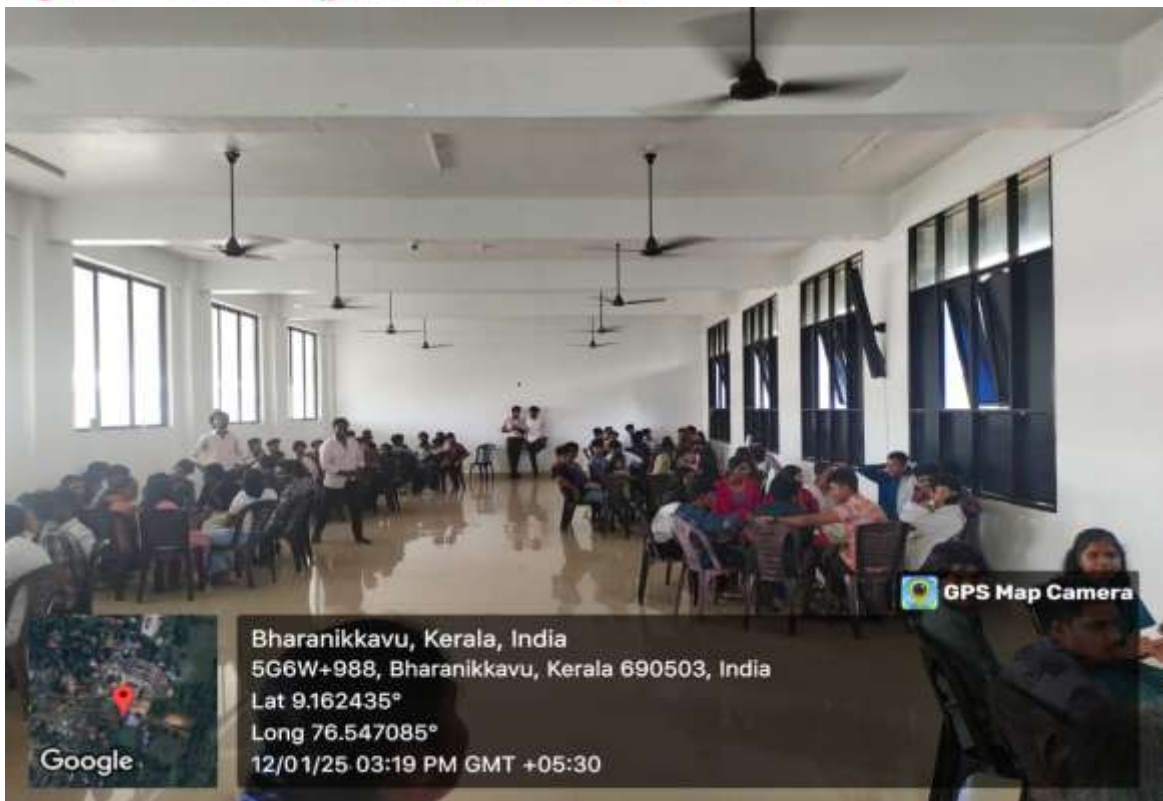
**INSTITUTION'S INNOVATION COUNCIL**

**NATIONAL YOUTH DAY**

**DEBATE POSTER MAKING**

"YOUTH POWER: BUILDING THE NATION, SHAPING THE FUTURE"

DATE: 12/01/2025 | TIME: 3.00 PM - 4.00 PM  
VENUE: SEMINAR HALL, MIT



Bharanikkavu, Kerala, India  
5G6W+988, Bharanikkavu, Kerala 690503, India  
Lat 9.162435°  
Long 76.547085°  
12/01/25 03:19 PM GMT +05:30

GPS Map Camera



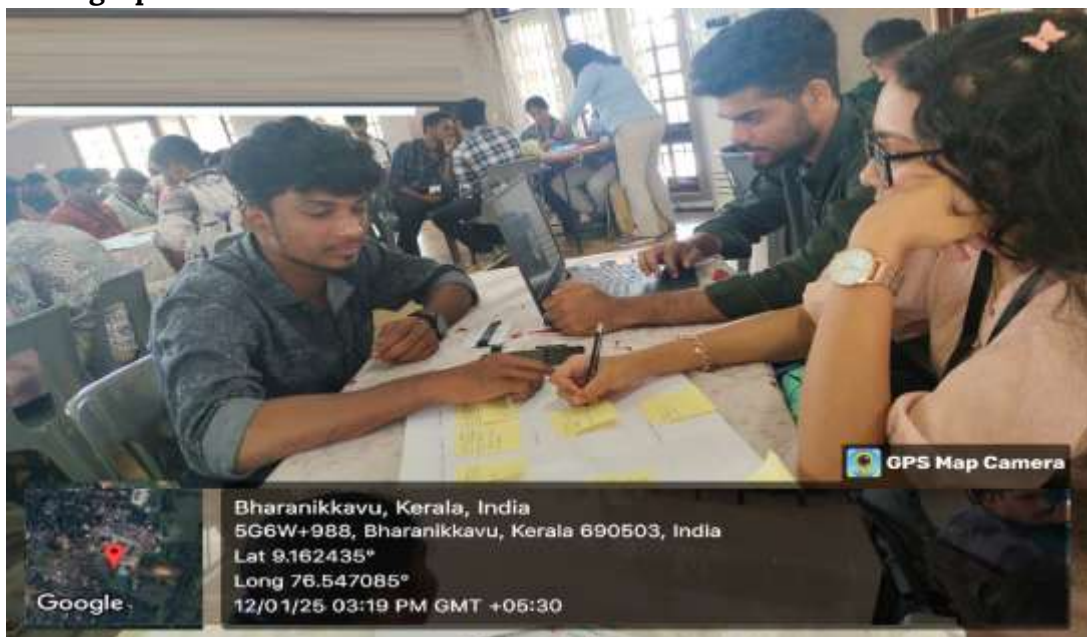
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## 2. Photograph of the Event - Stage



## 3. Photograph of the Event - Audience- session





## PROGRAM 16: Quiz & Paper Presentation Competition – National Science Day 2025

**Date:** February 28, 2025

**Time:** 10:30 AM

**Venue:** SDPK Hall, Mahaguru Institute of Technology

The **Institution's Innovation Council (IIC ID: IC201912929)** of Mahaguru Institute of Technology organized the **National Science Day 2025** celebrations through a **Quiz and Paper Presentation Competition** on **28th February 2025** at **SDPK Hall**. The event was conducted under the theme **“Innovation and Discovery: Celebrating the Spirit of Science”**, with the objective of promoting scientific temper, research orientation, and innovation among students.

The program was inaugurated by **Dr. Manju J, Vice Principal, MIT**, who highlighted the pivotal role of science and technology in societal development and national progress. The event witnessed active participation from **32 students** across various departments, including **12 women participants**, reflecting interdisciplinary involvement and inclusivity.

The celebration comprised two major components: a **Science Quiz and Paper Presentation Sessions**. The quiz competition assessed participants' knowledge of scientific principles, discoveries, innovations, and contemporary developments in science and technology. The paper presentation sessions provided students with a platform to present research ideas and emerging scientific topics, encouraging analytical thinking and academic discussion.

Faculty members and event coordinators offered constructive feedback to participants, fostering collaborative learning and enhancing the quality of scientific communication. The competitions helped students improve their **presentation skills, teamwork, critical thinking, and confidence** in articulating scientific ideas.

Certificates and recognitions were awarded to outstanding performers, motivating students to pursue excellence in research and innovation. The event successfully generated enthusiasm for scientific inquiry and highlighted the importance of science and innovation in addressing real-world challenges.



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## Outcomes of the Program

- Improved scientific knowledge and awareness among students
- Encouraged research-oriented thinking, creativity, and innovation
- Enhanced communication, presentation, and teamwork skills
- Promoted interdisciplinary learning and collaboration
- Reinforced the relevance of science and technology in real-life applications

The **National Science Day 2025** celebration was both **educational and inspiring**, strengthening the culture of science, innovation, and discovery at Mahaguru Institute of Technology

### 1. Creatives created for the Event

IIC ID :IC201912929

**INSTITUTION'S INNOVATION COUNCIL**  
**IEDC**  
ORGANIZING

**Quiz**  
**Paper Presentation**

Theme:  
"Innovation and Discovery:  
Celebrating the Spirit of Science"

**28/02/2025 10:30 AM**  
**VENUE:SDPK HALL**

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### 2. Photograph of the Event - Stage



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### 3. Photograph of the Event – Audience





## PROGRAM 17: Women's Day Celebration – “EmpowerHer”

### Women Entrepreneurial Workshop

**Date:** March 06, 2025

**Time:** 2:00 PM

**Duration:** Half Day (3 Hours)

**Venue:** SDPK Hall, Mahaguru Institute of Technology

The **Women's Day Celebration – “EmpowerHer” Women Entrepreneurial Workshop** was organized by **IIC–IQAC–Women's Cell**, Mahaguru Institute of Technology, on **6th March 2025** as part of the International Women's Day celebrations. The program aimed to promote **women empowerment, leadership, and entrepreneurial awareness** among students and faculty members.

The event witnessed the participation of **40 members**, including **35 women participants**, reflecting strong engagement and inclusivity. The program commenced with a **Welcome Address by Ms. Arathy Babu**, setting the tone for a meaningful celebration focused on empowerment and inspiration.

The program was formally inaugurated by **Dr. K. V. Ramana Reddy, Principal, MIT**, who emphasized the crucial role of **education, innovation, and confidence-building** in empowering women to take leadership roles in society and professional domains. The **Chief Guest, Mr. Ranji Jaydev, Managing Director, Onattukara Spices FPC**, delivered an inspiring and thought-provoking talk on **breaking stereotypes, encouraging entrepreneurial mindsets, and enabling women's active participation in business and social development**.

The **Presidential Address by Dr. Manju J., Vice Principal, MIT**, motivated students to pursue their ambitions with determination, self-belief, and resilience. The session highlighted the importance of leadership, creativity, and continuous learning for women in today's competitive world.

The program featured **interactive discussions, motivational talks, and cultural performances**, making the session engaging and impactful. Participants actively interacted with the speakers, shared their perspectives, and gained insights into entrepreneurship,



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leadership, and personal growth.

The event concluded with a **Vote of Thanks**, marking the successful completion of the “**EmpowerHer**” initiative. The celebration served as a meaningful platform to recognize women’s achievements and reinforced the institute’s strong commitment to **women empowerment, innovation, and social equality**.

## 1. Creatives created for the Event

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**WOMEN CELL OF MIT**

**WOMEN'S DAY CELEBRATIONS**  
**EmpowerHER:**  
IGNITING WOMEN ENTREPRENEURS FOR A BRIGHTER TOMORROW

**RESOURCE PERSON**

**SMT. RAJINI JAYADEV**  
MANAGING DIRECTOR  
Onattukara Spices FPC

**Date: March 6, 2025**  
**Venue: SDPK Hall, MIT**  
**Time: 2.30 PM to 4:30 PM**

*SHEBuilds 2025*

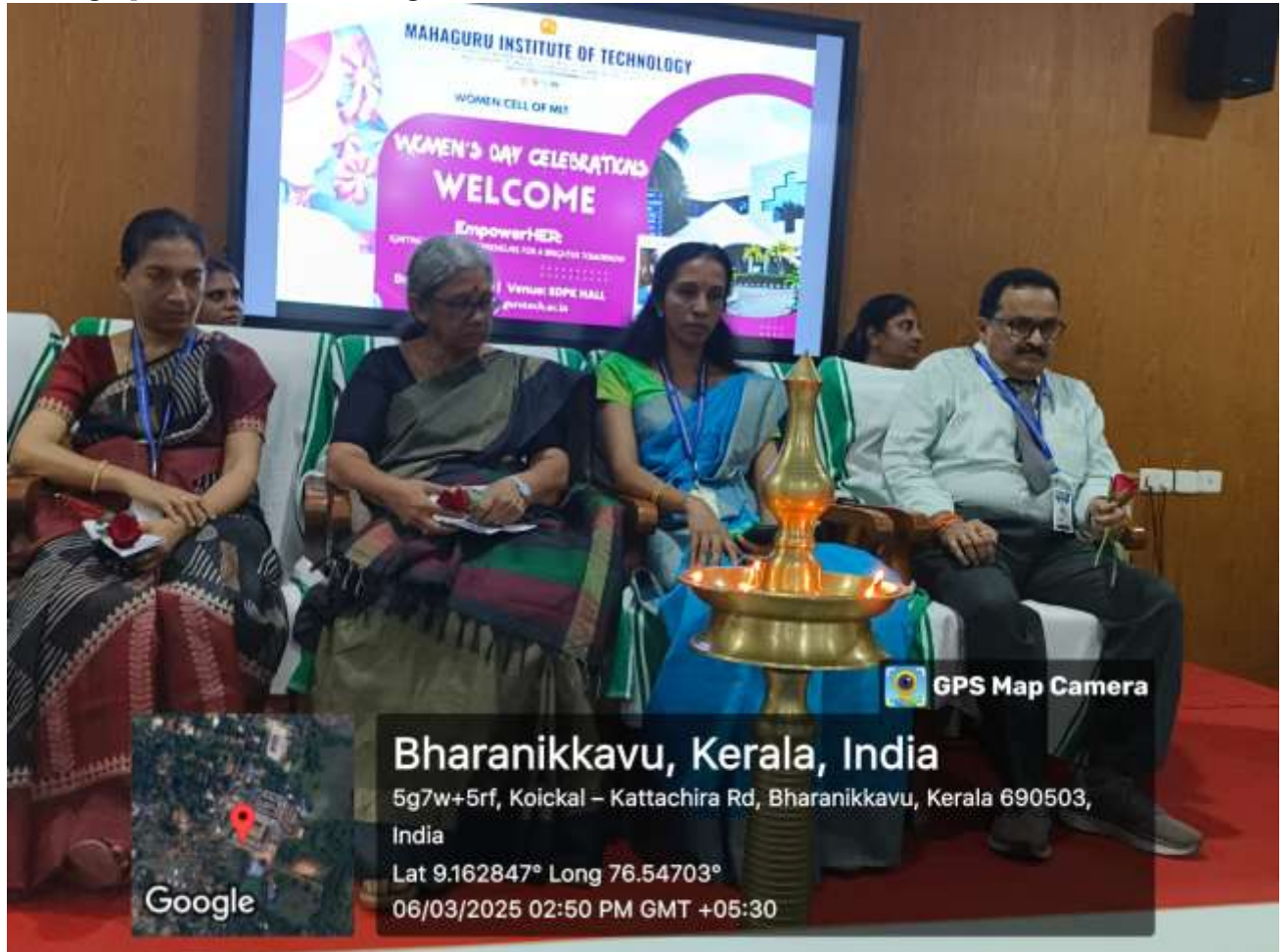




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## 3. Photograph of the Event - Stage





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**Program No: 18 IEDC Fest – AURA 2025**

**Title of the Event:** IEDC Fest – AURA 2025

**Duration:** Two Days

**Month & Year:** March 2025

**Organizing Body:** Innovation and Entrepreneurship Development Centre (IEDC), Mahaguru Institute of Technology

**Venue:** Mahaguru Institute of Technology

**Participants:** Undergraduate students from various departments

**Nature of the Event:** Technical Fest

## Introduction

The Innovation and Entrepreneurship Development Centre (IEDC) of Mahaguru Institute of Technology successfully organized **AURA 2025**, a two-day inter-departmental technical fest in March 2025. The fest was envisioned as a vibrant platform to nurture innovation, creativity, problem-solving skills, and entrepreneurial thinking among students. AURA 2025 marked the culmination of the academic year with high levels of student engagement, collaboration, and technical exploration.

## Objectives of AURA 2025

- To encourage innovation, creativity, and technical excellence among students
- To provide a platform for students to showcase their technical and entrepreneurial skills
- To promote hands-on learning through competitions and interactive events
- To foster teamwork, leadership, and problem-solving abilities
- To strengthen the culture of innovation and startups within the institution

## Event Overview

AURA 2025 featured **12 diverse technical and innovation-oriented events**, carefully designed to cater to students from various technical backgrounds. The events spanned across



coding, design thinking, problem-solving, ideation, hardware and software innovation, and emerging technologies. Each event witnessed enthusiastic participation and healthy competition.

## Major Events Conducted

The fest included a mix of individual and team-based events such as:

- Coding and debugging challenges
- Idea pitching and innovation challenges
- Technical quizzes
- Model and prototype presentations
- Design and creativity-based competitions
- Tech-based problem-solving events

These events tested participants' technical knowledge, analytical thinking, creativity, and ability to work under pressure.

## Participation and Engagement

Students from multiple departments actively participated in AURA 2025, making it a truly interdisciplinary event. The fest recorded strong participation over both days, with students demonstrating exceptional enthusiasm and competitive spirit. Faculty members and IEDC coordinators actively supported the smooth execution of the events.

## Outcomes and Impact

- Enhanced technical skills and practical exposure among participants
- Improved confidence in presenting ideas and solutions
- Encouraged innovative thinking and startup-oriented mindset



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- Strengthened peer learning and inter-departmental collaboration
- Provided leadership and organizational experience to student volunteers

## Feedback and Response

The overall feedback from participants and faculty was highly positive. Students appreciated the diversity of events, effective coordination, and the opportunity to explore new domains beyond the classroom. AURA 2025 was widely acknowledged as a motivating and enriching experience.

## Conclusion

IEDC Fest – AURA 2025 successfully achieved its objectives of fostering innovation, creativity, and technical excellence among students. The two-day fest stood as a testament to the institution's commitment to promoting an innovation-driven academic culture. AURA 2025 not only celebrated student talent but also laid a strong foundation for future entrepreneurial and technological initiatives within the campus.

1. Creatives created for the Event

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**TECHNICAL EVENTS**

- HACKATHON
- PROJECT EXPO
- IDEA PITCHING
- TECH TALK
- PAPER PRESENTATION

**CULTURAL EVENTS**

- MUSIC BAND
- DANCE PERFORMANCES
- MUSICAL EVENTS

IEDC PRESENTS  
**AURA**  
2025  
FEB 28 | MARCH 01

**Student coordinators**  
Arjun Sivaji : 9744991963  
Bhaina S Nair : 7306332150

**Faculty coordinators**  
Mr.Anub A : 9496466631  
Ms.Sreethi Gangadharan : 89074 75852  
Ms.Gayathri Thampi : 94978 74210

iedc\_mahagurutech | iedc@mahagurutech.ac.in



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MIT	iedc fest		AURA 2025
<b>HACKATHON</b> <b>SUSTAINOVATE</b> 48 HOURS HACKATHON TO INNOVATE PRIZE POOL: 50K Reg.Fee: 2400 Contact: 8547676545	<b>PROJECT EXHIBITION</b> <b>PROJECT EXPO</b> SHOWCASE YOUR INNOVATIVE PROJECT PRIZE POOL: 23K Reg.Fee: 1000 Contact: 9207570783	<b>IDEA PITCHING</b> <b>IDEA PITCHING</b> UNLEASH YOUR CREATIVITY, IGNITE INNOVATION! PRIZE POOL: 5K Reg.Fee: 100 Contact: 8089548446	<b>WORKSHOP</b> <b>AUTOCAD WORKSHOP</b> MASTER THE ART OF DESIGN! Reg.Fee: 100 Contact: 974739585
<b>PAPER PRESENTATION</b> <b>TECHNOVA</b> FRONTIERS OF INNOVATION PRIZE POOL: 2K Reg.Fee: 100 Contact: 7306332150	<b>AI VISION</b> <b>AI VISION CHALLENGE</b> HOWCASE YOUR AI AND COMPUTER VISION SKILLS PRIZE POOL: 1K Reg.Fee: 100 Contact: 8547676545	<b>DECRYPTX</b> <b>DECRYPTX</b> THE ULTIMATE CYBERSECURITY CHALLENGE! PRIZE POOL: 3K Reg.Fee: 50 Contact: 7025609063	<b>LATHE WAR</b> <b>LATHE WAR</b> SHOW OFF YOUR MACHINING SKILLS PRIZE POOL: 5K Reg.Fee: 300 Contact: 7025459741
<b>REDESIGN COMPETITION</b> <b>ENGINEERING REDESIGN</b> ANALYZE A REAL-WORLD DESIGNKILLS PRIZE POOL: 1K Reg.Fee: 50 Contact: 9495344333	<b>REVERSE CODING</b> <b>REVERSE CODING</b> CRACK THE CODE! PRIZE POOL: 1K Reg.Fee: 100 Contact: 8848871837	<b>TECHNICAL DEBATE</b> <b>TECHNICAL DEBATE</b> CRITICAL THINKING TO WIN A TECHNICAL DEBATE ? PRIZE POOL: 500 Reg.Fee: 50 Contact: 8891855277	<b>PROMO</b> REEL CHALLENGE PHOTOGRAPHY CHALLENGE POSTER CHALLENGE PRIZE POOL: 1 K Reg.Fee: 50 Contact: 9188722691

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## 2. Photograph of the Event - Stage



## 3.



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## 4. Photograph of the Event – Audience





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