

# **INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTER (IEDC)**

**MES INSTITUTE OF TECHNOLOGY & MANAGEMENT  
(MESITAM) CHATHANNOOR, KOLLAM**



**Activity Report 2023-2024**

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## **ACTIVITY REPORT 2023-2024**

Today the dynamic world is in need of innovative ideas. The one who finds innovative idea can change the world. The Kerala Startup mission was initiated to find the best entrepreneurs from such students and to provide all the support offered by IEDCs. Innovation and Entrepreneurship Development Centre (IEDC) mainly aims to foster innovation and entrepreneurial spirit among the students in colleges in Kerala. It is fully funded and supported by Kerala Startup Mission (KSUM). IEDC was formed in our college on 22<sup>nd</sup> July 2016. In association with our IEDC Cell we have conducted many activities in our various departments.

### **List of programs conducted during the year 2023-2024**

<i>Sl. No.</i>	<i>Date</i>	<i>Programs</i>
1	16/09/2023	Provided a student induction programme on IEDC for the first year students
2	12/10/2023	Participated in the IEDC summit conducted at College of Engineering, Trivandrum
3	17/02/24	IEDC Staff meeting
3	05/06/2024 06/06/2024	Attended two day students induction programme
4	15/04/2024 16/04/2024	Attended two faculty induction programme
5	25/04/2024	New EXECOM formation
6	25/04/2024	Conducted EXECOM orientation programme- Enhance EXECOM
7	03/05/2024 05/05/2024	Idea contest

## STUDENT INDUCTION PROGRAMME ON IEDC FOR FIRST YEAR STUDENTS

(16-09-23) The Innovation & Entrepreneurship Development Club (IEDC) of MES Institute of Technology and Management (MESITAM), Chathannoor, Kollam, hosted an orientation session on September 16, 2023, at 11:00 am. This session was designed to provide students with valuable insights into innovation, entrepreneurship, and the diverse opportunities within the startup ecosystem. The session was led by Prof. Rajula Ibrahimkutty, the nodal officer of IEDC at MESITAM, Chathannoor.

The orientation began with a warm welcome extended to all attendees, including faculty members, students, and invited guests. The event saw a significant turnout, with enthusiastic participants keen to explore the realms of entrepreneurship and innovation.

### **Key Points of the Orientation Session:**

**Introduction to Entrepreneurship and Innovation:** Prof. Rajula Ibrahimkutty provided an overview of the importance of innovation and entrepreneurship in today's dynamic world.

**Startup Ecosystem Opportunities:** Insights were shared about the various opportunities available in the startup ecosystem, encouraging students to think beyond traditional career paths.

**Resources and Support:** Information on the resources and support available through IEDC for budding entrepreneurs was discussed, highlighting the club's role in facilitating successful ventures.

**Networking and Collaboration:** Emphasis was placed on the importance of networking and collaboration, with plans to organize workshops, seminars, and events aimed at nurturing and supporting aspiring entrepreneurs.

**Ongoing Initiatives and Future Plans:** The IEDC reiterated its commitment to fostering the entrepreneurial spirit within MESITAM, outlining future initiatives aimed at guiding students towards successful business ventures.

The session concluded with an interactive Q&A segment, allowing participants to engage directly with Prof. Ibrahimkutty and seek advice on their entrepreneurial aspirations. The IEDC at MESITAM is dedicated to continuing its mission of nurturing innovative and entrepreneurial talents, ensuring that students are well-equipped to embark on their entrepreneurial journeys.

## **PARTICIPATED IN THE IEDC SUMMIT CONDUCTED AT COLLEGE OF ENGINEERING, TRIVANDRUM**

(12-10-23) The Kerala Startup Mission organized the IEDC Summit 2023 at the College of Engineering, Trivandrum, on October 12, 2023. Marking the 8th edition of this prestigious event, the summit saw enthusiastic participation from 13 students from MES Institute of Technology and Management (MESITAM), primarily executive committee members. They were accompanied by Prof. Rajula Ibrahimkutty, the nodal officer of IEDC MESITAM, and Prof. Nabeel Muhammed Aslam.

The summit served as a dynamic networking platform for aspiring and early-stage entrepreneurs to connect with key stakeholders in the startup ecosystem. The event attracted students from various disciplines, all eager to engage in the collaborative and innovative environment.

### **Key Points of the IEDC Summit 2023:**

**Networking Opportunities:** The summit provided a unique opportunity for participants to network with industry experts, investors, and fellow entrepreneurs, fostering valuable connections within the startup ecosystem.

**Digital Collaboration:** Utilizing digital platforms, the event facilitated seamless collaboration, ideation, and solution development, ensuring an interactive and engaging experience for all participants.

**Showcasing Creativity and Innovation:** Students had the chance to showcase their creativity and entrepreneurial mindset through various activities and sessions designed to challenge and inspire innovative thinking.

**Real-World Problem Solving:** The summit encouraged participants to think innovatively in response to real-world challenges, promoting an entrepreneurial mindset and problem-solving approach.

**Future Initiatives:** The IEDC at MESITAM remains dedicated to promoting innovation and entrepreneurship among its students. Plans are underway to organize more online events and initiatives to further nurture their entrepreneurial aspirations and support their journey towards successful ventures.

The IEDC Summit 2023 was a resounding success, reinforcing the commitment to fostering an entrepreneurial spirit and equipping students with the skills and networks necessary to thrive in the startup world.

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## **Minutes of the IEDC Meeting**

Date: 17-02-2024

Venue: Google Meet

Members Present:

Dr. Muhammed Anshad PY, President, Innovation Council

Prof. Rajula, IEDC Nodal Officer

Prof. Nabeel, AP, EEE

Prof. Thasni, AP, CSE

Prof. Ramees, AP, ME

1. Opening Remarks:

Dr. Muhammed Anshad PY, Chairman of the Innovation Council, called the meeting to order at 07:00 PM and welcomed all members.

2. Review of Previous Meeting Minutes:

The minutes of the previous meeting were reviewed and approved without any amendments.

3. Agenda:

The agenda for the current meeting was presented and accepted by all members.

4. Discussion Points:

- Constituting New Students Team for IEDC:

Prof. Rajula proposed the formation of a new student team for the IEDC.

A call for applications will be issued, and the selection process will be conducted by the end of February.

- New EXECOM Members:

Dr. Muhammed Anshad PY announced the need to constitute a new EXECOM (Executive Committee) for IEDC. Nominations were discussed, and a list of potential members was drafted. Final selection will take place in the next meeting.

- Plan of Programs for the Current Semester:

Prof. Thasni outlined the planned programs for the current semester, including:

- Monthly technical workshops and seminars.
- Collaboration with industry partners for guest lectures and internships.
- Initiatives for startups from students

#### 5. Action Items:

Prof. Rajula to present a detailed plan for new startup initiatives

Prof. Nabeel to draft department wise workshops and seminars

Prof. Thasni to prepare an outline for coming programs of IEDC.

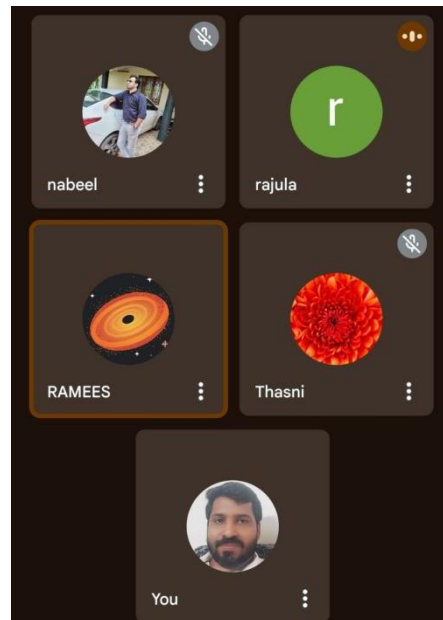
Prof. Ramees to coordinate with external experts for the upcoming workshops.

Prof. Rajula to initiate the student team selection process.

Dr. Muhammed Anshad PY to finalize the list of new EXECOM members.

Prof. Thasni to finalize the schedule for the semester programs.

Adjournment: The meeting was adjourned at 8:30 PM with a vote of thanks to the chair.



**PARTICIPATED IN TWO DAY STUDENT'S INDUCTION PROGRAMME AT AMAL  
JYOTHI COLLEGE OF ENGINEERING**

(05-04-24) Muhammed Bilal and Ashna, members of the Innovation & Entrepreneurship Development Club (IEDC) at MES Institute of Technology and Management, Chathannoor, Kollam, attended the two-day student induction programme, Ex Elevate 2.0, at Amal Jyothi College of Engineering. This event aimed to provide a dynamic platform for startups and entrepreneurs to showcase their innovative ideas and network with industry experts.

Ex Elevate 2.0 was a comprehensive two-day event filled with insightful sessions, panel discussions, and presentations by prominent figures in the startup ecosystem. The event attracted a diverse range of participants, including students from various educational institutions, startup founders, and industry professionals.

**Key Highlights of Ex Elevate 2.0:**

**Insightful Sessions:** Participants benefited from a series of informative sessions that covered various aspects of entrepreneurship and innovation.

**Panel Discussions:** The event featured engaging panel discussions with industry experts, providing deep insights into the startup ecosystem and current trends.

**Presentations:** Attendees witnessed presentations from successful entrepreneurs and industry leaders, offering inspiration and practical advice for aspiring entrepreneurs.

**Networking Opportunities:** The diverse range of participants created ample networking opportunities, allowing attendees to connect with like-minded individuals and industry professionals.

The experience not only broadened Muhammed Bilal and Ashna's knowledge of entrepreneurship but also provided the inspiration and motivation to pursue their entrepreneurial dreams. The IEDC team at MESITAM plans to leverage the insights gained from Ex Elevate 2.0 to further nurture and support the entrepreneurial spirit within the institution, fostering a thriving environment for future innovators and entrepreneurs.

**PARTICIPATED IN TWO DAY RESIDENTIAL FACULTY DEVELOPEMNT  
PROGRAMME AT AMAL JYOTHI COLLEGE OF ENGINEERING**

(15-04-24) Dr.Muhammed Anshad P Y, has participated in the two day residential faculty development programme on innovation and entrepreneurship ecosystem development organized BY Marker hub IEDC & startups valley TBI Amal Jyothi College of Engineering on 15<sup>th</sup> and 16<sup>th</sup> of april 2024. It was an interesting

session and given enormous knowledge in the field of innovation and in the formation of startups. This will help us a lot.

## **Report on the 2-Day Residential Faculty Development Program** (14th and 15th April 2024)

### **Event Details:**

**Title:** Faculty Development Program on Innovation & Entrepreneurship Ecosystem Development

**Organizers:** Marker Hub IEDC & Startup Valley TBI, Amal Jyothi College of Engineering

**Dates:** 14th and 15th April 2024

**Location:** Amal Jyothi College of Engineering

### **Attendee:**

Dr. Muhammed Anshad PY, President, Innovation Council, MES Institute of Technology and Management

### **Overview:**

The two-day residential faculty development program focused on fostering an understanding of the innovation and entrepreneurship ecosystem in academia. The event aimed to equip faculty members with the necessary skills and knowledge to nurture and support student innovation and entrepreneurial ventures.

## **Report on IEDC Idea Contest**

**Event Dates:** 3rd May 2024 - 5th May 2024

**Organizer:** Innovation and Entrepreneurship Development Cell (IEDC)

### **Overview:**

The IEDC Idea Contest was a three-day event aimed at fostering innovation and entrepreneurship among students. The contest provided a platform for participants to present their innovative ideas, receive feedback from industry experts, and explore potential funding opportunities.

### **Objectives:**

To encourage students to develop innovative solutions to real-world problems.

To provide a platform for students to present and refine their ideas.

To foster a culture of entrepreneurship within the academic community.

To connect students with mentors and potential investors.



# IDEA STORM

## CONTEST

Unleash your innovative and creative skills. Show your amazing ideas to us.

MAY 3 TO 5  
SUBMIT THROUGH THE WEBSITE

Get prizes for your ideas

1st prize : 1000/-  
2nd prize : 500/-

Take next step with your idea.



Submit your ideas here

Timestamp	Email Address	Name	Department	Semester	Title for your idea	Describe your idea
5/10/24 2052:13	amshahjay9@gmail.com	Amal Jay R	Electronics & Communica	S4	Dr Appointment booking	An app for appointment booking. Which help to take consultancy from a Doctor. This will include previous medication history, consumed medicines, consulted doctors etc. that help Experience Doctors and their ratings can be identified. This will help all the people to consult a doctor. It will be easy to identify popular doctor in that area. AI income can be identify.
5/2/2024 156:42	ajayran04@gmail.com	AJAY RAN	Computer Science & Eng	S4	WiFi and internet storing	So my idea is just an application which we can use this app to save and store excess data and will network for our future purposes. Like we run out of data and we are in a emergency.
5/20/24 21:37:17	shahinshah304@gmail.com	Shahinshah	Electrical & Electronics E	S2	Water pump control system	If the water tank is full it automatically of the water pump, and the tank is control less water pump will automatically on. It help to save water and current.
5/20/24 22:12:59	shahinshah304@gmail.com	Shahinshah	Electrical & Electronics E	S2	Artificial eye	It is useful for blind people and people who cannot regulate their eyes.
5/20/24 23:56:59	ameen.al449@gmail.com	AMEEN N	Electronics & Communica	S4	Emergency ring	The idea is very simple, the idea is redesigning a normal ring into something to act as a life saver. The ring will contain a gas, and an auto switch which will be useful for bedridden people.
5/4/2024 6:48:47	ivashahqat14@gmail.com	Ivashahqat	Computer Science & Eng	S4	Public security using satellite	Public security is a big responsibility of a nation. There are places where cctv cameras can't reach and people are vulnerable to threats... Now police drones comes for the rescue. In ju We all know that the latest biggest problem that the people around the world face is "Climate Change" We are experiencing a harsh climate nowadays. So I came up with an idea when We know CO2 gas is one of the main cause for climate change. So the solution for this problem is that we should build a network to capture the CO2 emission directly from industrial w
5/4/2024 9:01:20	nayansurulkumar@gmail.com	Nayana S.P	Computer Science & Eng	S4	1.Climate Change Mitigat	Natural (NLP) abilities can be used in robotics. In the past few years, there has been tremendous advancements in robotics. Engineers are using this multidisciplinary field to help hum Let's explore the most important function of this powerful tool, in the field of robotics. We are familiar with voice-controlled robots we have been using some of them ourselves. Just recall how Alexa and Siri reply to all your queries and questions. However, we are also familiar that the voice-controlled robots we have been using so far are not very efficient. They are not trained to recognize all languages well. AI-powered language models are cool. The advanced language model of Natural Language Processing improves the capacity to understand human language. Natural language process cannot only have speech recognition capabilities, it is also equipped to conduct sentiment analysis. As a result of this, it can understand the emotional tone of the user. It makes it use In a box of outer layer which is made of mild steel and a inner layer of glass membrane which has a transparent side and a dark side. In this box there is a cryo cooler which has its The purpose of the two layers of the box is to reduce the temperature inside, because the nitrogen gas from the compressor is at room temperature it will cause a very low efficiency c this device can make low amount of liquid nitrogen for small purposes, and nitrogen is hard to maintain at liquid state so we can produce, so producing small amount with low cost is ve
5/20/24 16:42:54	ashraf0716@gmail.com	Ashraf S	Computer Science & Eng	S4	Natural language process	Natural language process cannot only have speech recognition capabilities, it is also equipped to conduct sentiment analysis. As a result of this, it can understand the emotional tone of the user. It makes it use
5/20/24 20:08:30	ahmed45@gmail.com	Ahmed Muhammad	Mechanical Engineering	S4	Hot/cold-water chamber	Using peltier effect we can create a hot chamber and cold chamber by a small amount of electric supply if these two chambers are made-up to be water containers, we should be able to
5/20/24 20:56:40	ahmed45@gmail.com	Ahmed Muhammad	Mechanical Engineering	S4	Nitrogen liquidifier	That's all Thank you!
5/20/24 22:18:17	salwanqas330@gmail.com	Salwan Nagieb	Computer Science & Eng	S4	New electrical systems	A voting system that utilizes blockchain technology to ensure secure, transparent, and tamper-proof elections. Each vote would be recorded on a decentralized ledger, providing an imm
5/20/24 22:21:11	salwanqas330@gmail.com	Salwan Nagieb	Computer Science & Eng	S4	Self-charging phone	A phone with a self-charging capability using solar panels integrated into the display or the back panel. The feature would allow the phone to harness solar energy to continuously top up.
5/20/24 22:50:43	nazarenead@gmail.com	Nazareen Nazir	Computer Science & Eng	S4	AI TEXTBOOKS	The Agenda behind the AI Textbooks is that the learner can walk an AI based flood as and when he need to learn a particular topic inside that textbook which he chose to study. The Intelligence or Artificial Intelligence refers to machine's ability to make an informed decision or actions based on the given information. Humans are called intelligent beings because Our minds have a unique ability to learn, process billions of bits of information every second, solve problems, use logical reasoning, etc. In AI this intelligence is simulated by machines
5/20/24 8:55:52	accumbudnet@gmail.com	Abhinav Hija	Computer Science & Eng	S4	Artificial intelligence	In short, artificial intelligence is when computer systems can perform tasks that require human intelligence. We solving complex problems, making decisions, etc.
5/2/2024 11:00:14	adhi.ashik@gmail.com	ADHI ASHIK	Computer Science & Eng	S4	AI Powered Mental Health	Build a platform that uses artificial intelligence to provide personalized mental health support, including therapy sessions, mood tracking, and stress management techniques. The idea is