



LOYOLA – ICAM
COLLEGE OF ENGINEERING AND TECHNOLOGY (LICET)
(Autonomous)
Loyola College Campus, Chennai – 600034



Make a Difference (MAD) Club

Annual Report of the MAD Club from Mar 2025 – Feb 2026

S.No	Event Type	Event Title / Guest Speaker	Event Venue	Date of the event [DD/MM/YYYY]	No. of Students Participated
1.	Motivational Session Talk	Innovate to Elevate - Insights from Trailblazers	F11	26.02.2025	120
2.	Hands-on Practices	Design, Develop, and Deploy: Smart Home Connectivity with IoT and Cloud	F11	25.03.2025 & 26.03.2025	87
3.	Inspirational Sessions	Journey of an Innovator: Ideas that Create Impact	F11	11.09.2025	90
4.	TECHATHON'2K25	Innovation Odyssey 2K25	F11	19.09.2025	150
5.	Hands-on Practices	Workshop on Gen AI, Image Processing & Intelligent Agents	F11	15.10.2025 & 16.10.2025	80
6.	Hands-on Practices	Innovative Smart Systems Design: IOT, Cloud Control and Automation	F11 & GO1	12.02.2026 & 13.02.2026	75



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EVENT NAME : INNOVATE TO ELEVATE - INSIGHTS FROM TRAILBLAZERS

DATE: 26-02-2025

TIME: 10:10 A.M – 12.40 P.M

VENUE: F11

Make A Difference (MAD) Club of LICET successfully organized an inspiring session titled "Innovate to Elevate - Insights from Trailblazers." The event featured an engaging talk by Mrs. E. Christina Mary Catherine, Scientist F, Defence Research and Development Organization (DRDO), Ministry of Defence. Mrs. E. Christina Mary Catherine's speech emphasized innovation, leadership, and creativity in a rapidly evolving world. She highlighted the importance of adapting to technological advancements and fostering a mindset of continuous innovation. She discussed essential skills like critical thinking, problem-solving, and adaptability while also exploring the evolving nature of leadership, stressing vision, agility, and creativity. Additionally, she addressed the role of AI, advocating for a human-centered approach to innovation. She also provided valuable insights on joining DRDO and preparing for competitive exams. To make the session more engaging, she displayed videos of projects they had worked on, offering a practical perspective on real-world innovation. After the insightful session, a prize distribution ceremony was held to honor the winners of TECHATHON'2K24 - CONUNDRUM CLASH! Participants who excelled in the event were recognized for their outstanding problem-solving skills and technical acumen. Many students expressed that the event was highly inspiring and provided them with valuable insights into the work and innovations of DRDO. They appreciated the opportunity to learn more about DRDO's projects, gaining a deeper understanding of its technological advancements and contributions. Overall, the event was well-received, leaving a lasting impact on the attendees.



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Key Highlights of the Session:

Mrs. E. Christina Mary Catherine delivered an insightful speech focusing on innovation, leadership, and creativity. Her talk revolved around the following themes:

- **Introduction to "Innovate to Elevate":** She emphasized the importance of innovation in driving progress and elevating ideas to new heights.
- **Why Innovations and Elevations Are Critical in Today's Rapidly Evolving Environment:** She discussed how industries and individuals must adapt to technological advancements and the significance of staying ahead in an ever-changing world.



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- **What Does It Mean to Truly Innovate?:** She elaborated on the essence of innovation, highlighting the mindset, approach, and dedication required to create impactful changes.
- **Skills Needed to Be Innovative:** She detailed essential skills such as critical thinking, problem-solving, adaptability, and collaboration necessary for fostering innovation.
- **The Future of Leadership: Leadership Beyond Limits:** She emphasized how leadership is evolving beyond traditional roles, requiring vision, agility, and the ability to embrace change.
- **The Role of Creativity in Leadership:** She illustrated how creativity plays a vital role in effective leadership, allowing leaders to develop novel solutions and inspire teams.
- **AI and Human-Centered Innovation:** She addressed the growing influence of Artificial Intelligence in various fields and stressed the importance of maintaining a human-centric approach in innovation.
- **The Future of Leadership: A Hybrid Model:** She concluded by discussing the future of leadership, emphasizing a hybrid model that integrates technological advancements with human intuition and emotional intelligence.

Feedback

Following the event, feedback was collected from the participants. Many students expressed that the event was highly inspiring and provided them with valuable insights into the work and innovations of DRDO. They appreciated the opportunity to learn more about DRDO's projects, gaining a deeper understanding of its technological advancements and contributions. Overall, the event was well-received, leaving a lasting impact on the attendees.



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Conclusion

The event was a grand success, providing students with valuable insights into innovation, leadership, and creativity. The engaging session by Mrs. E. Christina Mary Catherine inspired attendees to embrace innovation and strive for excellence. The event concluded with a note of gratitude to the guest speaker and all participants, marking another milestone for the MAD Club at LICET.





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EVENT NAME: DESIGN, DEVELOP, AND DEPLOY: SMART HOME CONNECTIVITY WITH IOT AND CLOUD

DATE: 25.03.2025 & 26.03.2025

TIME: 10:10 A.M – 4 P.M

VENUE: F11

Make a Difference Club successfully organized “Design, Develop, and Deploy: Smart Home Connectivity with IoT and Cloud” a two-day hands-on practice on IOT and cloud on March 25 and 26 at F11 from 10 A.M to 4 P.M. The workshop aimed to provide students with hands-on exposure to Internet of Things (IoT) technology, introducing them to the latest IoT modules and their real-world applications. Participants also had the opportunity to work with hardware components, enhancing their practical knowledge in the field.

The sessions were conducted by experienced instructors from Techknots Academy, who guided students through both theoretical concepts and practical implementations, ensuring an interactive and engaging learning experience. The workshop was structured to accommodate students from various academic backgrounds, making it accessible and beneficial for both beginners and those with prior experience in IoT.

Day 1: Introduction to IoT and Hands-on Practice

The first day of the workshop commenced with an introductory session on IoT, where instructors provided insights into its fundamentals and significance in modern technology. The session covered topics such as IoT architecture, communication protocols, and applications in smart cities, healthcare, and industrial automation.



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Day 2: Problem Solving, Prototype Development, and Innovation

On the second day, students were introduced to various problem statements and engaged in a brainstorming session. They were then asked to select a problem statement, primarily from the domain of sustainable development. This exercise aimed to encourage critical thinking and innovative problem-solving approaches among participants.





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EVENT NAME: JOURNEY OF AN INNOVATOR: IDEAS THAT CREATE IMPACT

DATE: 11.09.2025

TIME: 10:10 A.M – 12.40 P.M

VENUE: F11

Make A Difference (MAD) Club of Loyola-ICAM College of Engineering and Technology (LICET) organized a highly engaging and insightful session on entrepreneurship titled “Journey of an Innovator: Ideas that Create Impact”. The event was conducted on 11th September 2025 in the F11. The session aimed to expose students to the real-world dynamics of entrepreneurship, innovation, and the process of converting creative ideas into impactful ventures. With the global demand for innovators and changemakers constantly increasing, the session served as an important platform for students to understand how passion, perseverance, and problem-solving can shape the journey of a successful entrepreneur.

The session was led by Mr. Praveen Kumar Palani, Founder and Director – Media, Billiontags. As an entrepreneur and innovator, Mr. Praveen has been at the forefront of creative media solutions and impactful business ventures. His expertise lies not only in establishing businesses but also in nurturing them into sustainable enterprises that inspire change. His journey reflects the challenges faced by innovators, the strategies required to overcome them, and the vision needed to make a difference in today’s competitive world. Mr. Praveen began the session by narrating his personal journey as an innovator and entrepreneur. He highlighted the initial struggles and obstacles that every entrepreneur encounters, such as limited resources, self-doubt, market uncertainties, and competition. By sharing his lived experiences, he helped students connect theory with reality. One of the key messages of his talk was the importance of determination, creativity, and strategic thinking in building successful ventures. He emphasized that entrepreneurship is not merely about starting a company but about solving real problems and delivering value to society.



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EVENT NAME: INNOVATION ODYSSEY 2K25

DATE: 19.09.2025

TIME: 10:10 A.M – 4 P.M

VENUE: F11

Make A Difference (MAD) Club of Loyola-ICAM College of Engineering and Technology (LICET) successfully organized “Innovation Odyssey 2K25” on the 19th of September 2025, from 10:10 A.M. to 4:00 P.M. at F11, LICET. The event served as an engaging and vibrant platform that brought together students from various departments and academic years, united by a common passion for creativity, problem-solving, and innovation. The event commenced with an inspiring opening session that set a dynamic tone for the day.

The competition consisted of three exciting rounds, each designed to test different dimensions of technical knowledge, creativity, and presentation skills. The first round was a **technical quiz** conducted through the Kahoot platform. Participants answered rapid-fire questions on fundamental technical concepts, innovation trends, and logical reasoning. The round was both fun and challenging, sparking a healthy competitive spirit among the teams. Based on their cumulative scores, the top-performing teams advanced to the next round.

The second round introduced a creative twist — the **Image Generation Round**. Teams were shown a sample image and tasked with generating a similar one using their own understanding and tools. This round encouraged participants to blend technology with imagination. Alongside this, participants were given a question paper with **conceptual and analytical problems**, testing their critical thinking and teamwork. The marks from both tasks were evaluated, and the top teams were shortlisted for the final round.



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The third and final round was the much-anticipated **Pitching Round**. Each team was assigned a unique problem statement, for which they had to develop and present an innovative solution before a panel of judges. The participants showcased not only their technical prowess but also their communication and problem-solving abilities. Their presentations reflected originality, feasibility, and a deep sense of innovation.

After an intense session of pitches and evaluations, the judges commended all teams for their creativity and effort. The top three winning teams were announced on the spot, and their prizes were distributed immediately, while all participants were appreciated for their active involvement and enthusiasm. Overall, Innovation Odyssey 2K25 proved to be a stimulating and impactful initiative by the Make A Difference Club. It successfully encouraged students to explore beyond the classroom, apply their knowledge practically, and embrace innovation as a mindset. The event concluded on an inspiring note, leaving participants motivated to continue their journey of ideation and discovery.



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EVENT NAME: HANDS-ON WORKSHOP ON GEN AI, IMAGE PROCESSING & INTELLIGENT AGENTS

DATE: 15.10.2025 & 16.10.2025

TIME: 10:10 A.M – 4 P.M

VENUE: F11

Make A Difference Club of LICET successfully organized a highly informative **two-day hands-on workshop** titled “*Fostering Next Generation Innovation: Generative AI, Image Processing and Intelligent Agents*” on the **15th of October 2025**, from **10:10 A.M. to 4 P.M.** at **F11, LICET**. The workshop was conducted in collaboration with **Techknots**, a leading technology company known for its innovative solutions in AI and automation. This flagship event brought together an energetic mix of students from first-year to final-year across all departments, making it an inclusive, interdisciplinary platform to nurture and showcase student-driven learning. The workshop commenced with a prayer song, invoking God’s blessings for the success of the event. Following the prayer, the organizers welcomed the participants and introduced the objectives of the workshop, emphasizing the importance of emerging technologies in shaping the future of innovation.

The first day’s session was handled by Mr. Rishi from Techknots, who focused on OpenCV and Image Processing. The session provided students with a strong foundational understanding of computer vision concepts and their real-world applications. Mr. Rishi demonstrated how OpenCV can be used for tasks such as image enhancement, object detection and edge detection. To ensure active participation, students were divided into groups of three, with each group having two laptops as mandatory for hands-on practice. Throughout the day, students worked collaboratively on small image processing exercises and explored basic Python coding for computer vision tasks. The engaging and practical approach helped students grasp the concepts effectively.



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The second day of the workshop was conducted by Mr. Annamalai from Techknots, focusing on the themes of Generative AI and Intelligent Agents. The session introduced participants to the working principles of generative models, large language models, and AI-driven intelligent systems. Mr. Annamalai elaborated on how generative AI is transforming industries such as design, content creation, and automation. He further discussed intelligent agents, their architectures, and their applications in real-world scenarios like chatbots, recommendation systems, and autonomous systems. Students also got an opportunity to interact with AI tools and experiment with simple generative tasks, providing them a practical understanding of the concepts discussed.

The workshop concluded at **3:45 PM**. At **valedictory ceremony**, **Mr. Annamalai** distributed **certificates** to all the participants, appreciating their enthusiasm and participation. As a gesture of gratitude, **mementos were presented to the outgoing Office Bearers (OBs)** of the MAD Club for their valuable contributions during the past year.

The winners of the previous Teckhathon competition were honoured with prizes, acknowledging their innovative ideas and teamwork. The event concluded with a group photo session, capturing the memorable moments shared by students, faculty, and the resource persons. The session officially ended at 4:30 PM. The two-day workshop served as a valuable learning experience for all participants. It successfully combined theoretical insights with practical exposure, helping students understand the real-world implications of cutting-edge technologies like Generative AI and Image Processing. The collaborative spirit and interactive sessions fostered creativity, teamwork, and innovation among students—truly aligning with the vision of the MAD Club to inspire young innovators.
