

**MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY,
THIRUVANANTHAPURAM**

CATALYST IEDC MBCET

ACTIVITY REPORT 2025



Catalyst

MBCET IEDC

INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE

CATALYST MAR BASELIOS IEDC

The Innovation and Entrepreneurship Development Centre (IEDC) at Mar Baselios College of Engineering and Technology, Catalyst, was established in 2013 with a vision to cultivate a generation of engineers who are not just proficient in academics but also bold thinkers, creators, and changemakers. More than a platform, Catalyst is a movement- an initiative designed to ignite curiosity, encourage innovation, and empower students to venture beyond conventional boundaries.

Catalyst strives to instill independence and initiative in young minds by introducing them to the dynamic landscape of entrepreneurship. It recognizes that innovation is not merely a product of expertise but a mindset—a way of looking at the world with the intent to improve it. Through workshops, mentorship programs, ideation sessions, and exposure to real-world challenges, Catalyst helps students discover their potential, not only as engineers but as problem solvers who are capable of building sustainable and impactful solutions. It aims to create engineers who are technically sound and also possess the leadership, collaboration, communication, and critical thinking abilities necessary for today's fast-evolving world. Whether it's learning to pitch ideas, managing a team, understanding market dynamics, or navigating the uncertainties of product development, Catalyst ensures that students are equipped with both the confidence and competence to take bold steps forward.

One of the defining philosophies of Catalyst is that entrepreneurship is not limited to launching startups—it's about nurturing a mindset of self-driven innovation and purposeful learning. Students are encouraged to experiment, to fail forward, and to take ownership of their learning journeys. Within this ecosystem, they engage with real-world problems they feel connected to, transforming ideas into prototypes and eventually into scalable solutions. The joy of exploration and self-discovery fuels their progress, and this intrinsic motivation is what sets Catalyst apart. Members actively contribute not just to their growth, but to that of their peers. The Centre has evolved into a vibrant community where knowledge is shared freely, creativity is celebrated, and collective progress is the goal. With each project, initiative, and interaction, students learn the power of community, the strength of shared purpose, and the impact of collaborative innovation.

Ultimately, Catalyst envisions a future where every student graduating from MBCET carries with them more than just a degree—they carry experience, purpose, resilience, and the unshakable drive to make a difference. It's about shaping individuals who don't wait for change, but create it.

EXECUTIVE COMMITTEE

Designation	Name	Mail ID
Nodal Officer (Faculty)	Mr. Arun J S (Assistant Professor, EC)	arun.js@mbcet.ac.in
Student Representatives		
Chief Executive Officer (CEO)	Vasundhara S R (CS)	vasundharasr.b23cs1261@mbcet.ac.in
Chief Operations Officer (COO)	Agnivesh P S (CS)	agniveshps.b23cs1108@mbcet.ac.in
Chief Technical Officer (CTO)	Anand Pillai (CS)	anandpillai.b22cs1211@mbcet.ac.in
Chief Skill Officer (CSO)	Jyothsna P Nair (CT)	jyothsnapnair.b22cs2137@mbcet.ac.in
Chief Creative Officer (CCO)	Ganga B Nair (CT)	gangabnair.b24cs2125@mbcet.ac.in
Chief Marketing Officer (CMO)	Aleena Shaji (EC)	aleenashaji.b23ec1212@mbcet.ac.in
Chief Finance Officers (CFO)	Nayana Anna Binu (CS)	nayanaannabinu.b23cs1245@mbcet.ac.in
Chief Vibe Officers (CVO)	J Sidharth (EC)	jsidharth.b23ec1234@mbcet.ac.in
Women Entrepreneurship Lead	Aparna Anand (EC)	aparnaanand.b23ec1216@mbcet.ac.in
Community and Outreach Lead	Toby M Mathew (CS)	tobymanpurayidathilmathew.b22cs1159@mbcet.ac.in
IIC Lead	Namitha S Menon (CS)	namithasmenon.b22cs1236@mbcet.ac.in
Creative Director, TRIBE	Sabareesh P R (CS)	sabareeshpr.b23cs1158@mbcet.ac.in

EVENTS LIST

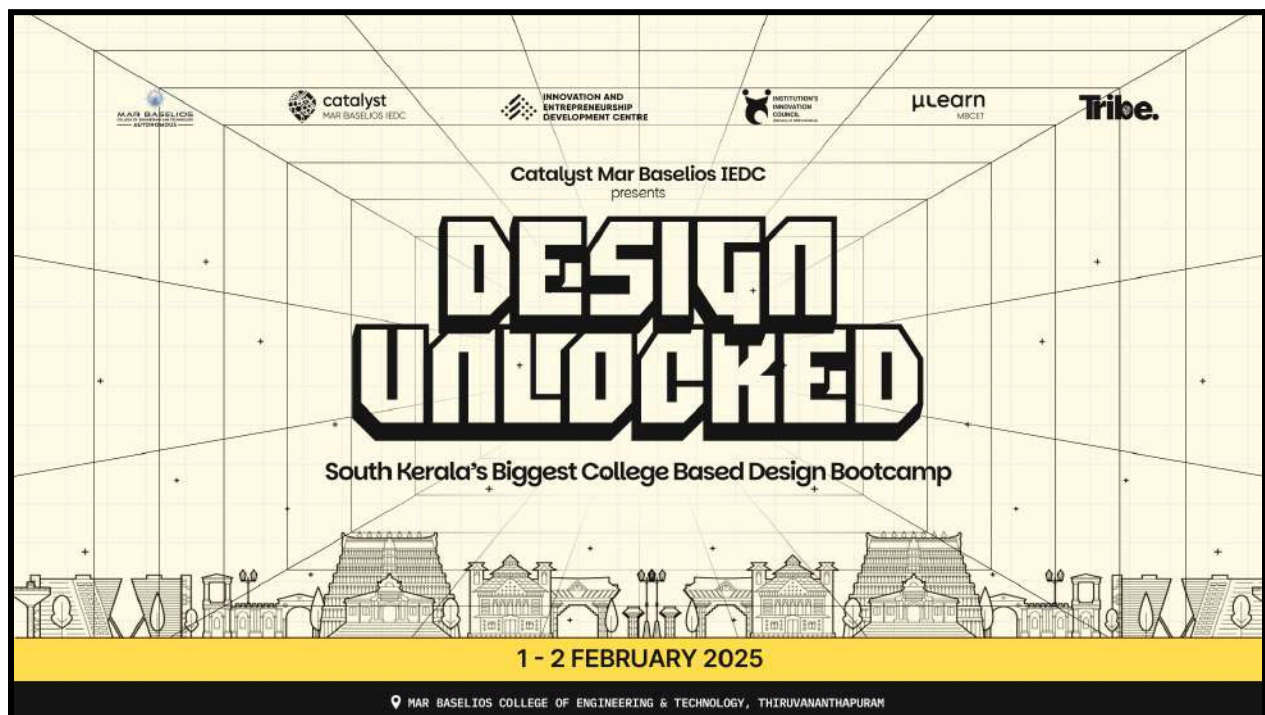
Sl No.	Name of Program	Start Date	End Date	Learners Engaged
1	Design: Unlocked	01/02/2025	02/02/2025	114
2	RELEVENT 2025	26/02/2025	26/02/2025	76
3	Annual General Meeting	04/03/2025	04/03/2025	60
4	Permute 2025	29/03/2025	29/03/2025	50
5	Figma Config Watch Party '25	10/05/2025	10/05/2025	6

1. DESIGN: UNLOCKED on 1-2 February 2025

Design: Unlocked 2025, proudly positioned as South Kerala's Biggest Design Bootcamp, was hosted by Catalyst Mar Baselios IEDC and µLearn MBCET on 1st and 2nd February 2025 at Shannon Hall, MBCET.

The landmark event brought together a vibrant and diverse community of 114 passionate participants, all driven to explore the cutting edge of creativity, technology, and user experience design. With the strong support of industry partners, including **Marvelloux Design Academy, Bombe.Design, Unibic Cookies, and MakeMyPass**, the bootcamp offered an immersive two-day journey filled with expert-led sessions, peer collaboration, and hands-on prototyping.

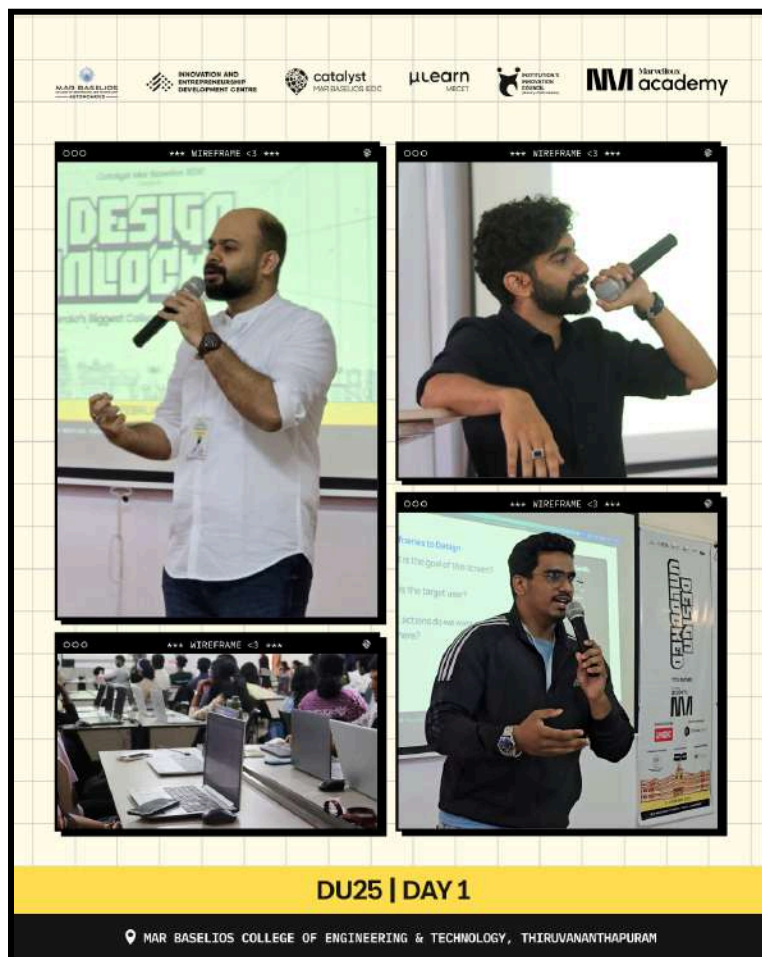
More than just a series of workshops, Design: Unlocked 2025 served as a dynamic launchpad for aspiring designers and innovators across the region, fostering a thriving ecosystem of design-led thinking and real-world impact.



The event commenced with an engaging opening session on Design Thinking, led by **Mr. Arun J S**, which introduced participants to user-centric problem solving through empathy mapping, ideation, and prototyping. This foundational mindset set the tone for the rest of the event and equipped attendees with a structured approach to tackling design challenges.

In the session Product to Prototype, **Salman Faariz**, founder of MakeMyPass, walked participants through the process of translating raw ideas into tangible prototypes. His insights on iterative development, real-world validation, and rapid prototyping offered students a grounded perspective on building viable design solutions.

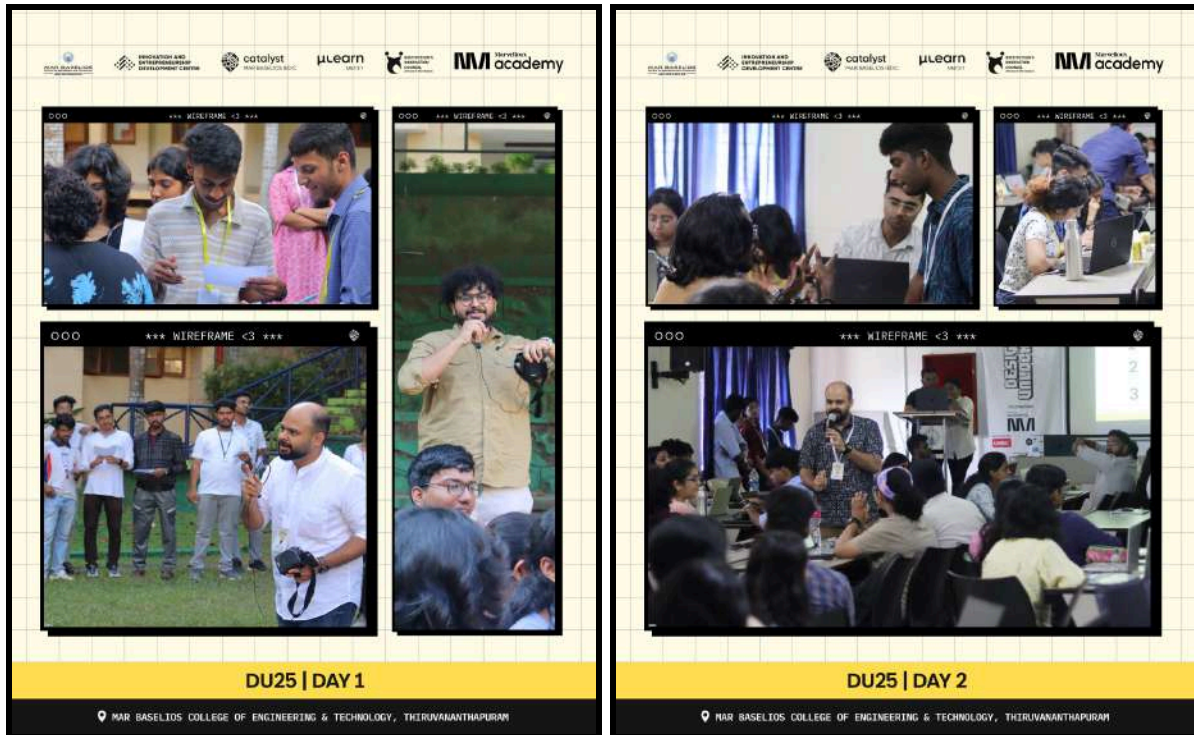
The workshop UI for Starters: Crafting Seamless User Interface, delivered by **Bibin Little**, focused on intuitive interface design. Participants were introduced to design fundamentals such as layout structure, visual hierarchy, and usability principles. With hands-on exposure to Figma, students were able to immediately apply these concepts in a practical setting.



A more advanced layer was added through the session Enhancing UI/UX with Intelligent Experiences by **Faizan Ahamed and Shahin Sadath** from QBurst. This segment delved into micro-interactions, intelligent design patterns, and user behavior analysis, deepening participants' understanding of building responsive and emotionally intelligent user experiences.

Adding a refreshing, creative twist, **Shibin Shibui and Arun Sasi** conducted a session on Fun & Creativity, Beyond Limitations. This interactive workshop encouraged participants to embrace unconventional thinking, challenge design norms, and explore creativity as an open-ended, iterative process.





Day 2 began with sessions focused on industry opportunities and exploration, where participants were introduced to the various career paths in design, including UI/UX roles, freelancing, product startups, and tech design teams. This broadened their understanding of how design functions across different sectors and how to align their skill sets accordingly.

The highlight of the event was MBCET's first **Mini Designathon**, where participants were grouped into interdisciplinary teams and tasked with solving real-world problems through design. They worked collaboratively to ideate, wireframe, and prototype user-centric solutions, applying the skills gained from the previous sessions. Guided by mentors, the Designathon fostered peer learning, innovation under pressure, and presentation skills, as teams pitched their ideas at the end of the day. The atmosphere was electric, with students showcasing a high level of creativity, design thinking, and attention to user needs. Judges evaluated the projects based on impact, usability, innovation, and presentation clarity. The format encouraged participants to make quick yet informed decisions, simulating real-world constraints in product design. This hands-on experience left students with a deeper appreciation for collaborative design processes and the confidence to pursue innovation beyond the classroom.



Overall, Design: Unlocked 2025 succeeded in equipping students with practical design knowledge, tool proficiency, and a mindset geared toward innovation. It bridged the gap between academic learning and industry expectations, and left participants inspired, informed, and ready to explore the world of design with confidence. The event marks a significant milestone in MBCET's journey toward becoming a leading space for creative technology and design leadership.



2. RELEVENT on 26 March, 2025

The Recruitment of Emerging Leaders Event (RELEVENT) was conducted on 28th February 2025 at Mar Baselios College of Engineering and Technology, serving as the flagship recruitment event organized by Catalyst – the Innovation and Entrepreneurship Development Centre (IEDC) of MBCET. Designed to identify and empower the next Executive Committee (Execom) for the 2025–26 tenure, the event invited students from across departments who demonstrated a passion for leadership, innovation, and entrepreneurship. The one-day event began with an orientation session that provided insight into the vision and mission of Catalyst, followed by interactive, task-based assessments aimed at evaluating critical thinking, collaboration, and creativity. Participants were further assessed through domain-specific rounds for key roles in operations, technical development, marketing, design, content, and finance. RELEVENT 2025 concluded successfully, bringing together a fresh team of driven and capable individuals ready to take forward Catalyst's mission of nurturing a campus-wide culture of innovation, entrepreneurship, and peer-driven growth. 76 students participated in the event.



3. Annual General Meeting on 4 March, 2025

The Annual General Meeting of the Catalyst Innovation and Entrepreneurship Development Centre at Mar Baselios College of Engineering and Technology was held on 4th March 2025, at Senatus Hall. The session was graced by the presence of **Fr. John Varghese, Director, Dr. S. Viswanatha Rao, Principal, Mr. Arun J.S., Nodal Officer, Catalyst IEDC, and Mr. Jijo Jose, Assistant Nodal Officer, Catalyst IEDC.** The meeting began with Mr. Arun J.S. providing a brief overview of the IEDC journey and the process behind the selection of the executive committee. This was followed by the presentation of the Annual Report 2024 2025 by **Ms. Sona Ponnachen**, which was officially approved. The announcement of the new executive committee was carried out by Fr. John Varghese and Dr. S. Viswanatha Rao, with offer letters distributed to the members. Details of the newly structured team across various verticals—including the Core Team, Women Entrepreneurship Cell, IIC MBCET, and TRIBE—were shared. The newly appointed CEO, **Ms. Vasundhara S R**, delivered an acceptance speech that set a clear and inspiring vision for the tenure ahead. The Principal and Director addressed the gathering with words of encouragement and guidance, emphasizing the importance of leadership and innovation on campus. The meeting concluded with a vote of thanks by Ms. Vasundhara S R, who acknowledged the efforts of all contributors and participants in making the event a success.



4. Catalyst IEDC at Permute 2025

Permute 2025, Kerala's largest skill fest, organized by μ Learn, was held on March 29, 2025, at Tagore Theatre, Thiruvananthapuram. The event brought together students, educators, innovators, and industry leaders in a one-of-a-kind celebration of skills, learning, and innovation. Designed to bridge the skill gap through hands-on challenges, expert-led sessions, and industry-relevant workshops, Permute offered a unique learning experience rooted in collaboration and real-world problem-solving. The IEDC of Mar Baselios College of Engineering and Technology proudly participated in this impactful event, gaining valuable exposure to Kerala's evolving innovation ecosystem and witnessing firsthand the future of peer-led, industry-enabled skill development powered by μ Learn. Our campus had a successful representation of 50 delegates at the event.

MBCET won several accolades and awards in 2024 for its contributions to the ecosystem, driven by a clear vision of enabling peer learning and collaboration.

Our Achievements

1. 1st Campus to reach 2 Million Karma Points Milestone.

μ Learn MBCET proudly became the first campus chapter to cross the 2 Million Karma Points milestone in December 2024, marking a record-breaking journey of consistent learning, collaboration, and community-driven growth.



2. Best Lead Enabler in 2024 - Mr. Arun J S (Assistant Professor, EC)

Mr. Arun J. S., Assistant Professor in the Department of Electronics & Communication Engineering at MBCET, was honoured with the Best Lead Enabler in 2024 award, celebrating his outstanding leadership, dedication to empowering students and colleagues, and his pivotal role in fostering a collaborative, innovation-driven academic environment.



3. Best Campus Lead in 2024 - Ms. Jyothsna P Nair (CT)

Ms. Jyothsna P Nair, a student of the Department of Computer Science & Engineering - Artificial Intelligence at MBCET, was awarded the Best Campus Lead in 2024 in recognition of her exceptional leadership, initiative, and dedication in driving student-led activities, promoting collaboration, and creating a vibrant and inclusive campus community.



4. Best Campus Chapter in 2024 - Mar Baselios College of Engineering & Technology, Thiruvananthapuram

Mar Baselios College of Engineering & Technology (MBCET), Thiruvananthapuram, earned the Best Campus Chapter title in 2024 for its vibrant chapter activities, consistent engagement in technical and professional programs, and its strong culture of collaboration and excellence, which empowered students to grow as dynamic and future-ready professionals.



5. Multiple students won the award for “Best Student of the Year 2024”.

Multiple students from μ Learn MBCET were honoured with the prestigious “Best Student of the Year 2024” title in recognition of their exceptional Karma Point achievements and active involvement in the learning community. The awardees included **Aparna G Raj** (CS), **V S Sabarinath** (ME), **Ardra A Nair** (EC), **Agnivesh P S** (CS), **Vasundhara S R** (CS), **Jyothsna P Nair** (CT), and **Vedha Mahadevan** (CS), all of whom demonstrated remarkable dedication and initiative throughout the year.



6. Only Campus to mine 1 Million Karma Points in 2024 alone.

μLearn MBCET stands out as the only campus to mine 1 Million Karma Points in 2024 alone, showcasing unmatched consistency and commitment to peer learning and upskilling.



7. Art of Teaching 3.0 Winner - Dr. Merlin George (Assistant Professor, CS)

Dr. Merlin George, faculty of the Department of Computer Science & Engineering - MBCET, was honoured as the Winner of Art of Teaching 3.0, recognising her excellence in innovative, student-centric teaching and her impactful role in shaping future-ready learners.



5. Catalyst IEDC at Figma Config Watch Party 2025 on 10 May 2025

On May 10, 2025, **Friends of Figma: Thiruvananthapuram** hosted the Figma Config '25 Watch Party at CareStack – Good Methods Software Solutions Pvt. Ltd., Technopark Phase 3. The exclusive event brought together design professionals and enthusiasts to stream the global conference from San Francisco and London.

Catalyst Mar Baselios IEDC & TRIBE proudly represented the student community, with attendees **Agnivesh P S** (S4 CS1), **Sabareesh P R** (S4 CS1), **Devika S H** (S4 CS1), **Gayathri Girish** (S2 CS2), **Ganga B Nair** (S2 CT), and **Sunny Abraham Mathew** (S2 EL). The team engaged with top design leaders like **Vignesh I** (Air India), **Abhishu Roy** (Oracle), and **Sivaprasad Paliyath** (IBM), gaining valuable insights into the world of product and UX design.

Catalyst TRIBE also served as the official community partner of the event, marking a proud moment for the college's growing presence in the design ecosystem.

