

μLearn Annual Report

Academic Year 2025–2026

Organized by:

μLearn – LBSCEK Unit

|

Institution:

LBS College of Engineering Kasaragod

Theme:

Empowering Students through Innovation, Creativity, and
Community Engagement

Submitted By:

μLearn LBSCEK Team

Academic Year:

2025 – 2026

INTRODUCTION

The academic year 2025–2026 marked a period of dynamic growth, innovation, and impactful initiatives for μ Learn at LBS College of Engineering Kasaragod. With a strong focus on skill development, experiential learning, and community engagement, μ Learn continued to empower students to become industry-ready professionals and responsible individuals.

Throughout the year, a variety of events were organized, ranging from technical sessions and innovation challenges to cultural activities and public service initiatives. The μ Learn Orientation & Launchpad Session provided a strong foundation for first-year students, introducing them to a structured learning ecosystem and career-oriented opportunities.

The Mobile Passport Seva Camp demonstrated the power of collaboration between government bodies and educational institutions by delivering essential services directly to students and the public. The MQuest event at the IEDC Summit 2025 showcased student innovation and teamwork, fostering entrepreneurial thinking and problem-solving skills.

Creative engagement was highlighted through the “Malabar Santa | Illuminate ’25” event, which blended cultural identity with innovation, encouraging participants to express ideas in unique and meaningful ways. Additionally, the Micro Project Expo 2026 provided a platform for students to present technical projects, enhancing their practical knowledge and presentation skills.

Special initiatives like the Women’s Day Webinar further emphasized inclusivity and empowerment by addressing opportunities and challenges for women in technology.

Overall, the events conducted during this academic year reflect μ Learn’s commitment to fostering a holistic learning environment. By integrating technical knowledge, creativity, and social responsibility, μ Learn continues to play a vital role in shaping confident, skilled, and future-ready individuals.

μLearn Club Orientation & Launchpad Session (2025–2026)

Introduction

The μLearn Club of LBS College of Engineering (LBSCEK) organized an Orientation and Launchpad Session for first-year (S1) students as part of its academic activities for the year 2025–2026. The session aimed to introduce students to the μLearn platform, its learning ecosystem, and the various opportunities available for skill development, collaboration, and career growth.

μLearn is a peer-to-peer learning initiative supported by organizations such as the Kerala Startup Mission, IEEE Kerala Section, and the Kerala Knowledge Economy Mission. It focuses on empowering students by providing structured learning paths, real-world challenges, and industry exposure.

Event Details

Field	Details
Event Name	μLearn Orientation & Launchpad Session
Date	24 Sept 2025
Time	10:30 AM (μLearn Orientation) 11:30 AM (Launchpad)
Venue	Seminar Hall, AD Block, LBSCEK
Organized by	μLearn Club, LBSCEK
Target Audience	First-Year (S1) Students

Resource Person

The session was led by **Salahudeen Thajudeen**, CEO of μ Learn CEK, who shared valuable insights into the μ Learn ecosystem and its impact on student growth and career readiness.

Objectives of the Session

The session aimed to introduce first-year students to μ Learn and its learning framework, create awareness about skill-building opportunities and challenges, guide them on active participation, and provide insights into career opportunities through Launchpad 2025. It also encouraged collaboration, networking, and peer-to-peer learning.

Session Highlights

1. μ Learn Orientation

The orientation introduced the concept of peer-to-peer learning, structured learning paths, and passport-based progress tracking. It highlighted opportunities such as challenges, hackathons, and projects, along with the importance of developing technical and non-technical skills through community-driven learning. Students were encouraged to actively engage in μ Learn activities to enhance practical knowledge.

2. Launchpad 2025 Orientation

This session explained Launchpad Kerala 2025 as a career-oriented initiative connecting students with industry opportunities. It covered internships, placements, and industry collaborations with organizations like GTech India, IEEE Kerala Section, and Kerala Knowledge Economy Mission, emphasizing skill readiness and industry exposure.

Student Participation and Engagement

The session witnessed active participation from first-year students. Interactive discussions helped them understand the importance of skill development, early career preparation, and networking. Students showed strong interest in joining μ Learn.

Outcome of the Session

The session increased awareness about μ Learn, encouraged participation in its activities, improved understanding of career opportunities through Launchpad, and motivated students to start skill development from the first year.

What is μLearn

Orientation Session for S1 students

By Salahudeen Thajudeen

CEO MuLearn CEK

 10.30 AM

 24 SEPTEMBER 2025

 Seminar Hall AD Block




LAUNCHPAD
KERALA

WHAT IS LAUNCHPAD?

WORRIED ABOUT INTERSHIP AND PLACEMENT?
Organized by μLearn Foundation in collaboration with GTech India, IEEE Kerala Section, and Kerala Knowledge Economy Mission (KKEM).
Launchpad bridges the gap between industry needs and skilled, job-ready youth, connecting students and graduates with leading companies across Kerala.

STILL DOUBT?

JOIN LAUNCHPAD ORIENTATION SESSION

 24th SEPTEMBER 2025

 11:30 AM

 Seminar Hall, AD Block



μLearn
LBSCEK



Mobile Passport Seva Camp

Conducted at LBS College of Engineering, Kasaragod

Introduction

The Mobile Passport Seva Camp was successfully organized at LBS College of Engineering Kasaragod in collaboration with the **Regional Passport Office Kozhikode** and the Higher Education Department Kerala.

The initiative aimed to provide convenient passport services directly to students and the local community, reducing the need to travel to distant passport offices.

Event Details

Field	Details
Date	29 Sept 2025
Time	10:00 AM onwards
Venue	LBS College of Engineering, Kasaragod
Organized by	μLearn (college innovation initiative)
Supported by	Ministry of External Affairs, Govt of India

Inauguration

The event was inaugurated by **Arun Mohan K**, Regional Passport Officer, Kozhikode. The presidential address was delivered by **M Abdul Rahman**, Director of LBS Centre for Science and Technology.

Both speakers emphasized the importance of making government services accessible and empowering youth for global opportunities.

Participation and Statistics

Category	Details
Total Applicants Registered	420
Applications Successfully Processed	385
New Passport Applications	310
Passport Renewal Requests	75
Students Benefited	~70% of total applicants
Public Participants	~30% of total applicants

Objectives of the Camp

The primary objective was to provide easy and accessible passport services, especially for students, by minimizing travel and procedural difficulties. The camp also aimed to create awareness about global education and career opportunities.

Activities Conducted

The camp included document verification, biometric data collection, online application support, and guidance on passport procedures. A help desk was set up to assist applicants with queries and corrections.

Role of μ Learn

The μ Learn team played a key role in organizing the event. They managed registrations, coordinated volunteers, handled crowd management, and ensured smooth communication between officials and participants.

Outcomes and Impact

The camp successfully served a large number of applicants, significantly reducing the effort required to obtain passport services. It encouraged students to explore international opportunities and strengthened collaboration between government bodies and the institution.

Challenges Faced

Some challenges included initial crowd congestion, minor delays due to incomplete documentation, and temporary network issues. However, these were effectively managed by the organizing team.

Conclusions

The Mobile Passport Seva Camp was a great success, benefiting hundreds of applicants. The initiative demonstrated how collaborative efforts between government bodies and educational institutions can effectively deliver essential services.

The program stands as a model for future outreach activities, ensuring accessibility, efficiency, and student empowerment.



പാസ്റ്റോർട്ട് എടുക്കാം; എൽബിഎസ് കോളേജിൽനിന്ന്



കാസർകോട് എൽബിഎസ് കോളേജിലെ സഞ്ചരിക്കുന്ന പാസ്റ്റോർട്ട് സേവാ കേന്ദ്രം സേവനം നീജിയണൽ പാസ്റ്റ് ഓഫീസർ കെ അരുൺ മോഹൻ ഉദ്ഘാടനം ചെയ്യുന്നു.

പൊതു

കോഴിക്കോട് നീജിയണൽ പാസ്റ്റ് ഓഫീസിന്റെ സഞ്ചരിക്കുന്ന പാസ്റ്റോർട്ട് സേവാ കേന്ദ്രം എൽബിഎസ് എൻജിനീയറിങ് കോളേജിലെത്തി. വിദ്യാർത്ഥികൾക്ക് പാസ്റ്റോർട്ട് ലഭ്യമാക്കാൻ കമ്പസിൽ സൗകര്യമൊരുക്കുന്നതിന്റെ ഭാഗമായാണ് പാസ്റ്റോർട്ട് മേള അപേക്ഷകളുടെയും രേഖകളുടെയും പരിശോ

ധനയും ബയോമെട്രിക് വിവര ശേഖരണവും പൂർത്തിയാക്കി വേഗത്തിൽ പാസ്റ്റോർട്ട് ലഭ്യമാക്കും.

കമ്പസ് പ്ലെയ്സെന്റ് വഴി ജോലി ലഭിക്കുന്ന വിദ്യാർത്ഥികൾക്ക് കമ്പസിൽ സമർപ്പിക്കേണ്ട പ്രധാന രേഖകളായ പാസ്റ്റോർട്ട് വേഗത്തിൽ ലഭ്യമാകുന്നതിലൂടെ പദ്ധതി ഏറ്റെടുക്കുന്നതിലും തിങ്കൾ, ചൊവ്വ ദിവസങ്ങളിലാണ്

ക്യാമ്പ്. നീജിയണൽ പാസ്റ്റ് ഓഫീസർ കെ അരുൺ മോഹൻ ഉദ്ഘാടനം ചെയ്തു. പ്രസിപൽ ഡോ. മുഹമ്മദ് ഷൈഖ് അധ്യക്ഷനായി. ഡോ. വിനോദ് ജേജ്, ഡോ. പി പ്രമോദ്, മുജീബ്, സി വി കൃഷ്ണൻ എന്നിവരും സാന്നിധ്യം വഹിച്ചു. ഡോ. പ്രവിൺ മേട്രോത്ത് സ്വാഗതവും ഡോ. പി ഹുൽ നന്ദിയും പറഞ്ഞു.



MQuest Event at IEDC Summit 2025

Organized by μ Learn at LBS College of Engineering, Kasaragod

Introduction

The MQuest event was successfully conducted as part of the IEDC Summit 2025 at LBS College of Engineering Kasaragod. The event was organized by μ Learn, which served as the Ecosystem Partner for the summit.

MQuest was designed as an engaging and interactive initiative aimed at fostering innovation, collaboration, and problem-solving skills among participants.

Event Details

Category	Information
Event Name	mQuest
Organizer	Mulearn
Associated Event	IEDC Summit 2025
Date	22/12/2025
Venue	LBSCEK
Total Participants	135
Target Audience	Students

Pre-Event: 7 Days Entrepreneurship Sprint

Description

The mQuest 7 Days Entrepreneurship Sprint was conducted as a pre-event to prepare participants for innovation and product development. The sprint was designed to guide students through:

Idea generation

Problem identification

Solution building

Basic business and product thinking

Participants actively worked on ideas over a period of 7 days, enhancing their creativity and entrepreneurial mindset.

Number of Participants :45

Winners:

- **ANANDHU KRISHNA** (Marbbaselios college of engineering,Idukki)
- **MUHSIN P** (college of engineering,Vadakara)
- **SG POOJASAI** (Anna university,Chennai)
- **ARULDHA CA** (Anna University,Chennai)

Outcome

The sprint successfully motivated students to think innovatively and laid a strong foundation for the main mQuest programs.

Programs Conducted with Participation & Winners

1. Code with ChatGPT

This program focused on introducing participants to AI-assisted coding using ChatGPT. Students learned how to write effective prompts, generate code, and debug programs using AI tools. The session was interactive and provided hands-on experience in solving coding problems efficiently.

Number of Participants: 15

Winners : Mr. AKHIL NATH G.S
(ONE-YEAR Netflix subscription)

Outcome:

Participants gained hands-on experience in using AI tools for coding and problem-solving.

2 IoT and Robotics in Healthcare

The workshop titled “IoT & Robotics in Healthcare” was conducted as part of the IEDC Summit 2025, organized by muLearn LBSECK. The session focused on how IoT and robotics are transforming healthcare through continuous patient monitoring, smart diagnosis, precision treatment, and automated hospital operations. The resource person, **Mr. Vishnu P Kumar**, Co-Founder and CTO of Griffinmark Robotics, shared insights on real-world applications and industry trends. The session helped participants understand the growing role of technology in improving healthcare systems and patient care.

Number of Participants: 60

Outcome:

Participants understood real-world healthcare innovations using modern technology.

3 From Prototype to Product

The talk session titled “From Prototype to Product: The Incubation Roadmap” was conducted as part of the IEDC Summit 2025, organized by muLearn LBSECK. The session focused on guiding students on how to transform a prototype or hackathon idea into a successful startup, covering key aspects like validation, business models, and incubation processes.

The resource person, **Mr. Aravind Saji**, Incubation Manager at AIC IIIT Kottayam, shared valuable insights on the startup journey and the criteria considered by incubation centers. The session provided a clear understanding of how to move from ideas to investable products.

Number of Participants: 40

Outcome:

Students learned the process of product development and entrepreneurship.

4.Mulearn Stall

The Mulearn stall was set up during the IEDC Summit 2025 to promote the Mulearn community and its initiatives. The stall served as an interactive space where participants could learn about Mulearn's learning ecosystem, ongoing programs, and opportunities for skill development.

Visitors were introduced to various aspects of Mulearn, including peer-to-peer learning, technical tracks, and community activities. The stall also provided guidance on how students can join Mulearn and actively participate in future programs.

Overall, the stall played an important role in increasing awareness, encouraging student engagement, and expanding the Mulearn community.

Conclusion

The MQuest event at the IEDC Summit 2025 was a great success, showcasing the potential of student-driven initiatives. With strong participation and impactful outcomes, the event highlighted the importance of experiential learning in shaping future innovators and entrepreneurs.



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μLearn
 LBSCEK μLearn
 a G-Tech Initiative

From Prototype to Product: The Incubation Roadmap

TALK SESSION

A Roadmap for students transitioning from a Hackathon project to an investable Startup, focusing on validation, business models, and the key criteria incubation committees look for.



Aravind Saji
 Incubation Manager
 AIC IIIT Kottayam

REGISTER NOW!



LBS College of Engineering
Kasaragod

22 December
 2025


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IoT & Robotics In Healthcare

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IoT & Robotics in Healthcare: Transforming modern healthcare by enabling continuous patient monitoring, smart diagnosis, precision treatment, and automated hospital operations for a smarter, data-driven, and patient-centered future.

Vishnu P Kumar
 Co Founder and CTO of
 Griffinmark Robotics

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“Malabar Santa | Illuminate ’25” Event

Introduction

The “Malabar Santa | Illuminate ’25” event was a creative and culturally engaging initiative organized by μ Learn at LBS College of Engineering Kasaragod. The event aimed to celebrate the spirit of Christmas by blending it with the unique traditions and cultural identity of the Malabar region, encouraging participants to creatively reinterpret Santa Claus in a local context.

Event Overview

Field	Details
Event Name	Malabar Santa Illuminate ’25
Organizer	μ Learn
Host Institution	LBS College of Engineering, Kasaragod
Submission Mode	Online (Google Drive link submission)
Deadline	3 Jan 2026

Objectives of the Event

The event aimed to promote creativity and innovation among students while encouraging them to showcase the unique cultural identity of the Malabar region. It also focused on enhancing digital content creation skills and festive engagement.

Activities Conducted

Participants were invited to redesign Santa Claus with a Malabari theme and submit a photo or short video. The activities involved incorporating elements such as traditional attire, local food, and regional settings, highlighting cultural creativity.

Role of μ Learn

The μ Learn team played a key role in conceptualizing the event, managing promotions, coordinating submissions, and ensuring smooth execution throughout the process.

Outcomes and Impact

The event successfully encouraged creative expression and cultural awareness among participants. It enhanced student engagement, promoted regional identity, and provided a platform for showcasing talent through digital media.



Micro Project Expo 2026

Introduction

The Micro Project Expo 2026 was successfully organized at LBS College of Engineering Kasaragod in association with the College Union and μ Learn. The event served as a platform for students to showcase their innovative ideas, technical skills, and creativity through micro-level projects.

Event Details

Field	Details
Event Name	Micro Project Expo 2026
Date	3 Mar 2026
Venue	Research Lab, EEE Department
Organizers	LBS College of Engineering, College Union. μ Learn
Registration Fee	₹40
Prize Pool	₹10,000

Objectives of the Event

The event aimed to encourage innovation, enhance practical and technical skills, promote project-based learning, and provide students with an opportunity to present their ideas and solutions.

Activities Conducted

The expo featured project exhibitions, live demonstrations, and presentations by students. Projects were evaluated by faculty based on innovation, feasibility, and execution, along with interactive sessions between participants and evaluators.

Role of μ Learn

The μ Learn team played a key role in organizing and coordinating the event, managing registrations, handling logistics, and ensuring smooth execution.

Outcomes and Impact

The event enhanced students' technical knowledge, presentation skills, and confidence. It fostered a culture of innovation and collaboration while providing exposure to real-world problem-solving approaches.

Challenges Faced

Some challenges included managing multiple project displays, time constraints during evaluation, and space limitations. These were effectively handled through proper planning and teamwork.

Participation Details

Category	Details
Total Participants	105
Projects Presented	30
Departments Involved	EEE(38), CSE(33), CE(4),ECE(14),IT(11)
Judges/Faculty Evaluators	8-10
Volunteers	17

Department Wise Winners

The Microproject Expo 2026 showcased innovative ideas and technical excellence from students across multiple departments. The following teams were recognized as winners for their outstanding projects and presentations.



The poster features a green and grey color scheme with a background of faint 'CONGRATULATIONS' text. At the top right, there are logos for R&D CELL LBSCEK, AAWAAZ, INSTITUTIONS INNOVATION COUNCIL, and ALBORN LBSCEK. The main title 'MICROPROJECT EXPO 2026 DEPARTMENT WISE WINNERS' is prominently displayed in the center. Below the title, four department categories are listed: ECE S4, IT S4, CSE S4, and EEE S4. Each category is accompanied by a group of student portraits with their names listed below them.

ECE S4

- AMAL DEV
- ABDUL RASHEED
- YADHUKRISHNAN P
- VAISHNAV GOPALAKRISHNAN

IT S4

- SANJAY K P

CSE S4

- SHINU SURESH K
- THANSEEHA NASRIN P M
- S AKHIL

EEE S4

- MOHAMMED SHARAFUDEEN
- SHIFANA
- JESTIN JAYAS
- SREEHARI E
- MOHAMMAD HADI SALIM
- HIMA FATHIMA
- MOHAMMED JAFRIN K

LBSCER

MICRO PROJECT EXPO 2026

EVENT HIGHLIGHT:

PRIZE POOL OF ₹10,000

03 MARCH

VENUE : RESEARCH LAB, EEE DEPARTMENT



Women's Day Special Webinar 2026

The Women's Day Special Webinar was successfully organized at LBS College of Engineering Kasaragod as part of International Women's Day celebrations. The session was conducted exclusively for women club executive members to inspire and empower them in the field of technology.

The webinar, held on 8th March 2026 at 8:00 PM, focused on the topic "Women in Tech: Opportunities, Challenges & How to Start Your Tech Journey." The session was led by Thanseeha Nasrin P M, who shared valuable insights on career opportunities, real-world challenges faced by women in the tech industry, and practical guidance for beginners entering the field.

The event aimed to encourage women to explore careers in technology, build confidence, and understand the evolving tech landscape. It also provided a platform for participants to interact, ask questions, and gain clarity on starting their professional journey.

The webinar witnessed active participation from club executive members, making it an engaging and impactful session. Overall, the event was a success in promoting awareness, motivation, and empowerment among women in technology.



The poster is for a Women's Day Webinar. At the top, it features logos for LBS College of Engineering Kasaragod (A Government of Kerala Undertaking), Ministry of Education, MoE's Innovation Cell (Government of India), and Makerspace. The main title is "Women's Day WEBINAR" in orange and white. Below the title, the topic is "Women in Tech: Opportunities, Challenges & How to Start Your Tech Journey". It is targeted "For all Club Execoms (Womens Only)". The date and time are "Sunday 8th March, 2026" and "Start At 08:00 PM". A photo of Thanseeha Nasrin P M, IIC Student Convenor, MSA - Beta, is on the right. The background is purple.

LBS COLLEGE OF ENGINEERING KASARAGOD
(A GOVERNMENT OF KERALA UNDERTAKING)

Ministry of Education
MoE's INNOVATION CELL (GOVERNMENT OF INDIA)
MAKERSPACE

Women's Day
WEBINAR

Topic - Women in Tech:
Opportunities, Challenges & How
to Start Your Tech Journey

*For all Club Execoms
(Womens Only)*

 Sunday
8th March, 2026

 Start At
08:00 PM

Thanseeha Nasrin P M
IIC Student Convenor
MSA - Beta

:

Conclusion

The series of events organized under the initiative of μ Learn at LBS College of Engineering Kasaragod collectively demonstrate a well-rounded approach to student development, innovation, and community engagement.

The μ Learn Orientation & Launchpad Session successfully laid a strong foundation for first-year students by introducing them to a dynamic learning ecosystem and career-oriented opportunities, guiding them towards skill development and professional growth. The Mobile Passport Seva Camp, on the other hand, highlighted the effectiveness of collaboration between government bodies and educational institutions in delivering essential services efficiently, benefiting a large number of applicants and promoting accessibility and empowerment.

Furthermore, the MQuest event at the IEDC Summit 2025 showcased the strength of student-driven initiatives by fostering innovation, teamwork, and experiential learning, thereby shaping future entrepreneurs. Similarly, the “Malabar Santa | Illuminate '25” event blended creativity with cultural expression, providing a platform for participants to showcase their ideas while celebrating the rich traditions of the Malabar region.

Overall, these initiatives reflect the continuous efforts of μ Learn in nurturing industry-ready professionals, encouraging creativity, and promoting social responsibility. The events stand as exemplary models of how student-led activities can enhance learning experiences, strengthen institutional impact, and contribute to both personal and professional development.