



LBS College of Engineering

ACTIVITY REPORT 2021-22

Submitted by

IE DC Team, LBSCEK

under the guidance of

Sarith Divakar M.

to

*Kerala Startup Mission
in completion of academic year 2021-22*



Vision of the Institute

To become a paragon institution for pursuance of Education and Research in Engineering and Technology

Mission of the Institute

- *Impart finest quality Technical Education and Training*
- *Nurture a vision of Sustainable development*
- *Bequeath it to the next generation of professionals*



LBS College of Engineering, Kasaragod
February 2022

DECLARATION

We hereby declare that, this activity report is the bonafide documentation of the various ventures undertaken by the Innovation and Entrepreneurship Development Centre in the academic year 2021-22 carried out under the supervision of **Sarith Divakar M**, IEDC Nodal Officer, Dept. of Computer Science and Engineering, LBS College of Engineering, Kasaragod

Sreenivas Pai Kottachery
IEDC Chief Executive Officer (2021-22)
Student, Electronics &
Communication Batch of 2019-23

Sarith Divakar M
IEDC Nodal Officer
Assistant Professor,
Dept of Computer Science and Engineering

Dr. Mohammad Sekoor T.
Principal
LBS College of Engineering, Kasaragod.

Date: 11/02/2022

IEDC Team 2021-22

Sl. No	Name	Execom Role
1	Sreenivas Pai K	Chief Executive Officer
2	Varun Vinay	Chief Operations Officer
3	Abhishek Gopal	Chief Technology Officer
4	Althaf Roshan R	Chief Financial Officer
5	K K Sukanya	Chief Strategy Officer
6	Yadukrishna E P	Member
7	Thabsheera C K	Member
8	Jarosh Antony	Member
9	Chavan N J	Member
10	Ashik M	Member
11	Abhishek Gopinath	Member

ACKNOWLEDGEMENT

We take this opportunity to express our deep sense of gratitude and sincere thanks to all who helped us in all our programs and initiatives.

We are deeply indebted to our nodal officer **Mr. Sarith Divakar M**, Assistant Professor, Department of Computer Science and Engineering for his excellent guidance, positive criticism and valuable comments. His never-ending support and enthusiasm has brought us where we are now. We are greatly thankful to our KSUM IEDC coordinator **Mr. Bergin S Russel** for their constant support and guidance. We are greatly thankful to **Dr. Saji Gopinath**, CEO, Kerala Startup Mission, for his support and cooperation.

Finally, thankful to one and all former members of IEDC, our Alumni Network and our friends who directly and indirectly contributed to the successful completion of this Academic Year 2021-22.

Place: Kasaragod

Date: 11/02/2022

Sreenivas Pai K

CEO, IEDC LBSCEK

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CHAPTER 1

INTRODUCTION

The Innovation and Entrepreneurship Development Centre (IEDC) is being promoted in educational institutions to develop institutional mechanisms for creating an entrepreneurial culture in academic settings and fostering techno-entrepreneurship for the generation of wealth and employment. The mission of the IEDCs is to ‘develop institutional mechanisms to create an entrepreneurial culture in academic institutions to foster the growth of innovation and entrepreneurship among faculty and students. As part of the Kerala Startup Mission, the IEDC was established at L B S College of Engineering in 2016.

Objectives of the IEDC

- Serve as an institutional mechanism offering diverse services, including guidance on all facets of establishing enterprises
- Foster an entrepreneurial ethos within the Parent Institution and neighbouring establishments in the region
- Instil a culture of innovation-driven entrepreneurship through student projects
- Address emerging challenges and opportunities pertaining to Small and Medium Enterprises (SMEs) and micro-enterprises with agility and efficacy

Functions of IEDC

- Host workshops like Entrepreneurship Awareness Camps, Entrepreneurship Development Programs, Faculty Development Programs, and Skill Development Programs
- Facilitate interactions between entrepreneurs and students, establishing mentorship programs for student entrepreneurs.
- Advocate for the importance of entrepreneurship to the institution’s management, integrating entrepreneurial activities with the host institution’s operations.
- Spreading awareness about entrepreneurship to nearby schools and polytechnics.

The IEDC LBS conducts various programs such as idea pitching, workshops, hackathons, etc., to enhance students' skills. Additionally, it facilitates interactions with entrepreneurs, allowing students to discuss their questions and ideas about startups.

CHAPTER 2

EVENTS ORGANISED

Sl. No.	Academic Year	Date	Name of the Programme
1	2021-22	2-6-2021	Straight Talk for Start-up
2	2021-22	11-09-2021	Data Science and Machine Learning by Entri App
3	2021-22	2-12-2021	YIP District Level Inauguration
4	2021-22	11-12-2021	Introduction to Arduino
5	2021-22	17-12-2021	IDEA Box Launching
6	2021-22	4-2-2022	How to Pitch an Idea

Straight Talk for Start-up

Mr. Mufasil Faizal, the founding CEO of CREDOT, delivered an insightful talk titled "Straight Talk for Start-up" organized by the Innovation and Entrepreneurship Development Cell (IEDC) in collaboration with the Free/Libre Open Source Software (FLOSS) Club. He shared his personal journey and the inception of CREDOT, highlighting the challenges and triumphs encountered during the initial stages of the start-up. He emphasized the importance of cultivating an entrepreneurial mindset, which involves resilience, adaptability, and a willingness to take calculated risks. He stressed the significance of conducting thorough market research and validating ideas before diving into a venture. He emphasized leveraging data-driven insights to identify market gaps and opportunities. The speaker discussed the iterative process of product development, advocating for continuous refinement based on user feedback. He emphasized the need for agility and flexibility in responding to evolving market demands.

Mr. Mufasil Faizal's talk provided valuable insights and practical advice for aspiring entrepreneurs, equipping them with the knowledge and tools necessary to navigate the challenges of start-up ventures. The event received positive feedback from attendees, who expressed appreciation for the speaker's candid and informative session. Overall, "Straight Talk for Start-up" served as an inspiring and educational platform for fostering entrepreneurship and innovation within the IEDC and FLOSS Club community.

L.B.S College of Engineering
(Managed by LBS Centre for Science & Technology - A Central Kerala Federation)

STRAIGHT
TALK
FOR
START-UP

SPEAKER

Mufasil Faizal

| FOUNDING CEO, CREDOT |
| MANAGER - OPERATIONS |
| BRAND STRATEGIST | DEVELOPER |

| 02/06/21
| WEDNESDAY
| 4pm

IEDC cre:dot FLOSS CLUB | f i /iedclbscek

Data Science and Machine Learning by Entri App

Entri App conducted a Data Science and Machine Learning webinar on September 11, 2021, tailored specifically for students of LBSCEK (LBS College of Engineering, Kasaragod). The webinar aimed to provide these students with a foundational understanding of Data Science and Machine Learning concepts, practical applications, and career opportunities in these fields. The webinar commenced with an introductory session, acquainting students with the basic principles and methodologies of Data Science and Machine Learning. Emphasis was placed on building a solid foundation of knowledge to facilitate further learning and exploration. Throughout the webinar, students were exposed to various practical applications of Data Science and Machine Learning, particularly in industries relevant to their academic pursuits. Examples of real-world use cases, such

as data analysis in engineering projects or predictive modeling in software development, were explored to illustrate the relevance and applicability of these technologies.

Career Guidance: Recognizing the importance of career guidance, the webinar included discussions on the career opportunities available in Data Science and Machine Learning. Industry experts or alumni may have shared insights into potential career paths, skill requirements, and strategies for pursuing opportunities in these dynamic fields.

YIP District Level Inauguration

The District Level Inauguration of the YIP (Young Innovators Program) at LBS College of Engineering took place on December 2, 2021, at 3:00 PM. The event was organized by the Entrepreneurship Development Cell (EDC) of the college. The ceremony was graced by the esteemed presence of our honorable chief guests, Smt. Bhandari Swagat Ranveerchand, IAS, District Collector of Kasaragod, and Baby Balakrishnan, District Panchayat President. Their presence added immense value to the event and inspired all the participants.

During the inauguration, felicitations were extended to notable personalities including:

- Smt. Bhandari Swagat Ranveerchand, IAS, District Collector, Kasaragod
- Baby Balakrishnan, District Panchayat President
- Dr. Mohammad Sekoor T, Principal, LBS College of Engineering
- Dr. Vinodu George, President, Institution's Innovation Council

These felicitations recognized their significant contributions and leadership in their respective fields.

An interactive talk regarding dairy management was conducted during the event, providing valuable insights and knowledge to the attendees. The event also provided a platform for ideators and participants to showcase their innovative ideas. Registrations were encouraged through the provided registration link, with an expectation of 50 on-spot registrations from ideators. A vote of thanks was extended by Jaimon Thomas from KDISC, expressing gratitude to all attendees and participants for their support and active participation in making the event a success. The event was live-streamed, ensuring wider accessibility and participation. All staff members and students of the college were invited to attend, with a request to share the information with others. Overall, the District Level Inauguration of the YIP Program at LBS College of Engineering was a resounding success, fostering innovation, collaboration, and entrepreneurship among the participants.



Young Innovators Programme

YIP 2021

District Level Programme

In the presence of
District Collector and District Panchayat President



🕒 3 PM
📅 2nd December 2021
📍 LBS College of Engineering



THE YOUNG INNOVATORS PROGRAMME 2021 - 2024

THEMATIC TALK

DAIRY

District: Kasargod
Venue: LBS Engineering College, Kasargod
December 2, 2021, 2:00 PM
Link: <https://bit.ly/yip-2021-kasargod>

SPEAKERS



Mr. Jos Simon M
Rand Manager (P&I)
MILMA - (MRCMPU Ltd),
Kozhikode



Mr. Rejeesh R
Assistant Professor, Department of
Dairy Microbiology, College of
Dairy Science and Technology,
KVASU, Thiruvananthapuram



Introduction to Arduino

The Introduction to Arduino workshop was conducted on December 11, 2021 organized jointly by IEDC LBSCEK and IEEE LBSCEK. The workshop aimed to provide participants with a foundational understanding of Arduino, an open-source electronics platform widely used for prototyping and DIY projects. The workshop commenced with an opening address by Sreenivas Pai, CEO of IEDC, providing context for the importance of Arduino in the realm of innovation and technology. Following this, Abhishek Gopal, an experienced member from the S5 CSE program, led the workshop sessions.

The workshop covered the following key topics:

- Introduction to Arduino: Overview of Arduino boards, IDE, and programming language.
- Arduino Programming: Basics of writing code for Arduino projects, including syntax and functions.
- Circuitry Essentials: Understanding electronic components and circuit design for Arduino projects.
- Hands-On Activities: Participants engaged in practical exercises to reinforce learning, such as building simple circuits and programming basic functionalities.

The Introduction to Arduino workshop concluded with a closing remark by the facilitators, encouraging participants to continue exploring Arduino and apply their newfound knowledge in personal and academic projects. Certificates of participation were distributed to all attendees.





IDEA Box Launching

On December 17, 2021, the IDEA Box was officially launched at the AD Block venue, led by Dr. Vinodu George alongside Sarith Divakar M, IEDC Nodal Officer, and Sreenivas Pai, CEO of IEDC. This event marked a significant milestone in fostering innovation and entrepreneurship within the community. IDEA Box's objectives include providing resources, mentorship, and networking opportunities to aspiring entrepreneurs. The unveiling ceremony symbolized the commencement of a new era in nurturing creativity and ingenuity, showcasing a commitment to driving socio-economic growth and prosperity through collaborative efforts and the cultivation of an entrepreneurial spirit.



IDEABOX

Grab this opportunity to present your ideas about various innovations and startups.

You can either drop your ideas here or mail them to iedc@lbscek.ac.in



How to Pitch an Idea

The "How to Pitch an Idea" webinar, organized jointly by the Innovation and Entrepreneurship Development Cell (IEDC) and IEEE LBSCEK, took place on February 4, 2022, at 7:30 PM. The webinar aimed to provide participants with practical insights and strategies for effectively pitching ideas, a crucial skill for entrepreneurs and innovators. The webinar commenced with a warm welcome from Mr. Sreenivas Pai K, CEO of IEDC LBSCEK, who introduced the purpose and objectives of the session. The main segment of the webinar featured presentations from expert speakers who shared their experiences and knowledge on various aspects of pitching ideas. Topics covered included crafting a compelling narrative, understanding the audience, emphasizing value proposition, and effective communication techniques. The "How to Pitch an Idea" webinar organized by IEDC and IEEE LBSCEK concluded successfully, equipping participants with valuable skills and knowledge to enhance their pitching abilities. The event served as a platform for learning, discussion, and networking, furthering the goals of promoting innovation and entrepreneurship within the community.

The poster features a dark background with a white and blue gradient at the top. At the top, there are four logos: a circular emblem with a book, the IEEE LBSCEK logo with wings, the IEDC logo, and the Institution's Innovation Council logo. The main title "HOW TO PITCH AN IDEA" is written in large, bold, white capital letters. Below the title, there is a purple rounded rectangle containing a calendar icon and the text "4TH FEBRUARY, 2022" and a clock icon with "7:15 PM". To the right, there is a circular portrait of a man in a blue plaid shirt, with the word "SPEAKER" written above it. Below the portrait, the name "AJIN OMANAKUTTAN" is written in bold white capital letters, followed by "CEO & CO FOUNDER OF APTINNOV LABS PVT LTD" in smaller white capital letters. The bottom of the poster has a colorful gradient of purple, blue, and white.

CHAPTER 3

CONCLUSION

Throughout the school year 2021-22, we've organized many successful events, a big achievement for us. We're most proud of guiding new students towards entrepreneurship. We've had some problems, but we've worked hard to fix them for the next team. Now, we're excited to see the new team take over and continue our work. They want to help even more startups from LBSCEK, and we can't wait to see how they do.

CHAPTER 4

CONTACT

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IEDC CEO - Sreenivas Pai K- sreenivas0710@gmail.com 7561852876

Instagram Page: <https://www.instagram.com/lbsiedc/>

Facebook Page: <https://www.facebook.com/iedclbs>