



## **Activity Report 2023-24**

### **TinkerHub Student Community, IEDC, LBSCEK**

#### **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*



Innovation & Entrepreneurship Development Centre (IEDC)



LBS College of Engineering, Kasaragod

## **TinkerHub Student Execom Members 2023-24**

<b>S No</b>	<b>Name</b>	<b>Execom Role</b>
1	Jacob George	Campus Lead
2	Rikhitha Savan P	Tech Lead
3	Pratheek Rao K B	Program Facilitator
4	Rijul Rakesh T P	Program Facilitator
5	Kavya C	WIT Facilitator
6	Nithish Nayak	Media Team
7	Sarthak Raj M S	Media team

## **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 extend our profound gratitude to Dr. Sarith Divakar M, Assistant Professor in the Department of Computer Science and Engineering, for his exceptional guidance, constructive criticism, and invaluable comments. His unwavering support and enthusiasm have propelled us to where we stand today. Finally, we express our gratitude to all former members of TinkerHub, our Alumni Network, and our friends whose contributions, both direct and indirect, have played a crucial role in the successful completion of the Academic Year 2023-24.

Place: Kasaragod

Date: 31/03/2024

**Jacob George**

**Campus Lead**

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# **CHAPTER 1**

## **INTRODUCTION**

TinkerHub Foundation is a non-profit organization with a mission to leverage 21st-century technologies and learning methods to cultivate a new generation of highly skilled individuals equipped with both technical expertise and social acumen. The organization envisions a future where everyone has access to the knowledge necessary to shape a better world, particularly focusing on preparing India for the ongoing changes in the global landscape. Their approach involves creating a vibrant community of tinkerers, makers, policy enthusiasts, and students who are dedicated to innovation. Through a combination of peer learning, self-learning initiatives, and mentorship from experienced professionals, TinkerHub aims to empower individuals from diverse backgrounds to become proficient coders and collaborators.

### **Key components of TinkerHub's activities include:**

**Community & Awareness:** TinkerHub boasts a community of over 15,000 members who collectively work towards building strong tech knowledge. They facilitate this through various initiatives such as peer learning activities, self-learning programs, community meetups, learning stations, talks by industry leaders, and career development programs.

**Campus Communities:** The foundation has established over 70 campus chapters across the state. These chapters operate in alignment with the organization's vision and mission, with a primary focus on promoting peer learning and self-learning among members. The goal is to enhance the skill sets of students within these campus communities, thereby preparing them for the challenges of the modern workforce.

TinkerHub at LBS College of Engineering, Kasaragod (LBSCEK) is a dynamic student community under the Innovation and Entrepreneurship Development Centre (IEDC), led by Mr. Jacob George, an enthusiastic student coordinator from the Computer Science and Engineering department. With a focus on fostering innovation and skill development among its members, TinkerHub LBSCEK provides a platform for students to engage in peer learning, self-learning initiatives, and collaborative projects. Through various activities such as workshops, hackathons, and mentorship programs, TinkerHub empowers students to explore and apply cutting-edge technologies while nurturing their entrepreneurial spirit, thereby preparing them for the challenges of the modern world. Overall, TinkerHub LBCEK serves as a catalyst for fostering innovation and skill development among students in LBSCEK, ensuring they are equipped to thrive in a rapidly evolving technological landscape.

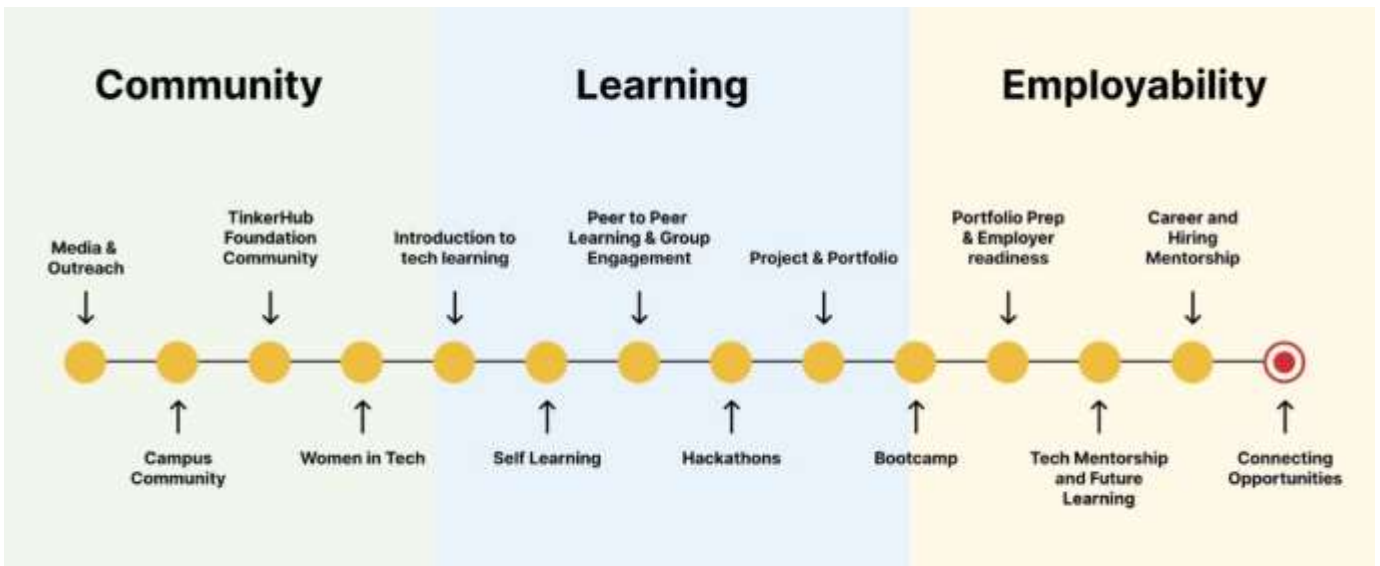


Fig.1. Tinkerhub Process

## CHAPTER 2

### EVENTS ORGANISED

Sl. No.	Date	Name of the Programme
1	12-9-2023	Introduction to Web Development with HTML
2	13-9-2023	Fundamentals of CSS and BOOTSTRAP
3	14-9-2023	Hands on Web Development Project
4	15-9-2023	Introduction To Campus Community Chapters
5	26-9-2023	Interactive session on the significance of Skill development in Modern Era
6	17-11-2023	Workshop on Robotics
7	02-03-2024 to 03-03-2024	Overnight Hackathon for Real world Problem

#### Introduction to Web Development with HTML

TinkerHub LBSCEK successfully organized a comprehensive 3-day Online Web Designing Bootcamp hosted on Google Meet. The event, spanning from September 12 to September 14, 2023, featured esteemed speakers, with Jacob George leading on Day 1, Nithish Nayak on Day 2, and Pratheek Rao K B on Day 3. The primary objective of the bootcamp was to enhance participants' web design skills, covering crucial topics such as HTML, CSS, basic API theory, and backend technology.

The bootcamp featured expert speakers, each specializing in different aspects of web design and development. Jacob George initiated the bootcamp with an informative session on HTML basics, providing participants with a solid foundation in web development. Throughout the three days, participants were exposed to a comprehensive curriculum that covered essential topics in web design, including HTML, CSS, basic API theory, and backend technology. This well-rounded approach ensured that participants received a holistic understanding of web development principles. The online format of the bootcamp, hosted on Google Meet, facilitated seamless interaction and engagement among participants and speakers. This allowed for dynamic discussions, Q&A sessions, and practical demonstrations, enhancing the overall learning experience.

TinkerHub LBSCEK's Web Designing Bootcamp proved to be a valuable learning opportunity for participants, equipping them with the necessary skills and knowledge to excel in the field of web development. The event's success underscores TinkerHub's commitment to fostering innovation and skill development among its

members, further solidifying its position as a leading student community within the Innovation and Entrepreneurship Development Cell (IEDC) at LBS College of Engineering, Kasaragod.







## Fundamentals of CSS and BOOTSTRAP

On the second day of the Online Web Designing Bootcamp hosted by TinkerHub LBSCEK, Nithish Nayak led an engaging session focused on CSS styling. Nithish's session empowered participants with the knowledge and skills necessary to add style and creativity to their web pages using CSS. Through practical demonstrations and insightful discussions, participants learned various CSS techniques and best practices, enabling them to enhance the visual appeal and user experience of their web projects. The online platform, facilitated through Google Meet, played a crucial role in fostering real-time discussions and demonstrations. Participants had the opportunity to interact with Nithish and their peers, asking questions, sharing ideas, and receiving immediate feedback. This interactive learning environment not only enriched the learning experience but also encouraged collaboration and knowledge sharing among participants.

Overall, Nithish Nayak's session on CSS styling was instrumental in furthering participants' understanding of web design principles and equipping them with practical skills that they can apply in their future projects. The success of the session highlights TinkerHub LBSCEK's commitment to providing valuable learning opportunities and fostering a community of skilled and innovative individuals within the field of web development.

**Recorded Session Link:** [https://youtu.be/47A5FxXqJME?si=tQEbFt\\_swk1kmgCt](https://youtu.be/47A5FxXqJME?si=tQEbFt_swk1kmgCt)





### Hands on Web Development Project

The final day of the Online Web Designing Bootcamp, led by Pratheek Rao K B, proved to be an enriching experience for participants. Pratheek facilitated a hands-on project where participants were guided through the design of Sign-In and Sign-Up pages, allowing them to apply their HTML and CSS skills in a practical setting. This hands-on approach not only reinforced participants' understanding of web design concepts but also provided them with valuable experience in creating user-friendly interfaces.

In addition to the design project, Pratheek introduced participants to APIs and backend technology, covering basic theory to broaden their understanding of the web development landscape. This segment of the bootcamp enabled participants to gain insights into the backend processes involved in web applications, further enhancing their proficiency in full-stack development.

The online bootcamp, conducted via Google Meet, served as a collaborative space where participants could engage with Pratheek and their peers, sharing ideas, troubleshooting challenges, and

collectively advancing their skills. By providing a platform for hands-on learning and real-time collaboration, the bootcamp empowered participants to apply their knowledge and gain practical experience in web development.

Overall, Pratheek Rao K B's guidance on the final day of the bootcamp not only equipped participants with essential skills in web design and backend technologies but also fostered a sense of community and collaboration among aspiring web developers within TinkerHub LBSCEK. The success of the bootcamp underscores TinkerHub's commitment to nurturing talent and fostering innovation within the field of web development.

**Recorded Session Link:** [https://youtu.be/47A5FxXqJME?si=tQEbFt\\_swk1kmgCt](https://youtu.be/47A5FxXqJME?si=tQEbFt_swk1kmgCt)





### **Speaker Acknowledgments:**

The success of the Online Web Designing Bootcamp was attributed to the expertise and guidance of the three distinguished speakers. Jacob George, Nithish Nayak, and Pratheek Rao K B played crucial roles in shaping the online learning experience for participants.

### **Certificate of Appreciation:**

The speakers received Certificates of Appreciation from IEDC LBSCEK for their exceptional contributions as resource persons during the online bootcamp. This recognition highlights their dedication to the success of the event and the positive impact they had on the participants.

### **Conclusion:**

The Online Web Designing Bootcamp, enriched with an introduction to API's and backend technology on Day 3, provided participants with a holistic learning experience. The collaborative space on Google Meet allowed for seamless communication, fostering practical application of HTML, CSS, and backend concepts. The event was a valuable opportunity for participants to expand their web design skills and gain insights into the broader aspects of web development.

## Introduction to Campus Community Chapters

On September 15, 2023, Jacob George and Pratheek Rao K B had the privilege of introducing various campus community chapters under the Innovation and Entrepreneurship Development Cell (IEDC) to around 150 enthusiastic students during an orientation session. The objective of the session was to provide insights into the diverse opportunities and collaborative spaces available to students within our college campus, aiming to shape their skills and enhance knowledge for successful professional growth. The orientation session commenced promptly at 10:30 and saw active participation from the attendees. The session began with an introduction to the vibrant community chapters within the college campus under IEDC, emphasizing their pivotal role in nurturing students' skills and fostering innovation.

### **Community Chapters Presented:**

**TinkerHub:** TinkerHub, a non-profit organization, aims to utilize 21st-century technologies and learning methods to empower young individuals with technical and social skills. It serves as a community of tinkerers, makers, policy enthusiasts, and students, fostering innovation and collaboration among like-minded individuals.

**Mulearn:** Mulearn, also known as  $\mu$ Learn, promotes a synergic philosophy of education through mutual learning in micro peer groups. It aims to break through echo chambers and encourage personal growth beyond traditional boundaries.

**MLSA (Microsoft Learn Student Ambassador):** MLSA consists of student leaders collaborating with Microsoft to facilitate technology learning among peers. They form a global community sharing knowledge and expertise to empower fellow students in technology-related fields.

### **Feedback:**

Initial feedback from the attendees indicated a positive response, with many expressing interest in joining one or more community chapters. The interactive nature of the session facilitated a better understanding of the opportunities available to them, enhancing their enthusiasm for active involvement.

### **Conclusion:**

The Orientation Session successfully acquainted freshers with the diverse and enriching opportunities offered



by TinkerHub, Mulearn, and MLSA under the IEDC umbrella. It is anticipated that their active involvement in these chapters will not only enhance their professional development journey but also contribute significantly to the overall growth of the college community.



## **Interactive session on the significance of Skill development in Modern Era**

On September 26, 2023, a group of passionate students from various departments including CSE, IT, EC, EEE, Civil, and Mechanical, led a session aimed at emphasizing the importance of developing skill sets alongside academic pursuits. The session focused on highlighting the transformative power of active engagement in various communities such as IEEE, TinkerHub, Mulearn, IEDC (Innovation and Entrepreneurship Development Centers), and MLSA (Microsoft Learn Student Ambassadors). The session saw active involvement from 70 students.

Conducted By: Abhinav K M (S7 CSEA), Rijul Rajesh (S5 CSA), Jacob George (S5 CSE B), and Sooraj (S7 CSE A)

The practical application of skills in real-world scenarios was emphasized, showcasing examples of how technical skills gained through hands-on experiences can be directly applied in professional settings. The importance of developing soft skills, such as communication, teamwork, and problem-solving, alongside technical skills was highlighted. These skills are crucial for effective collaboration and career success. Insights into industry trends and demands were shared, emphasizing the importance of staying informed about the latest advancements in technology to stay competitive in the job market. The global nature of technical communities was explored, showcasing how participation opens doors to a network of professionals, researchers, and enthusiasts from around the world. Active involvement in technical communities was presented as an opportunity for leadership development, allowing students to organize events, mentor peers, and contribute to the growth of the community.

Engagement in technical communities was discussed as a valuable asset on resumes, providing evidence of proactive learning, collaboration, and a commitment to professional development. Strategies for effective networking within technical communities were shared, including attending events like workshops, hackathons, contests, participating in online forums, and leveraging social media platforms to connect with industry experts and like-minded individuals. The potential for collaborative projects within technical communities was emphasized, showcasing how working on team projects can enhance both technical and interpersonal skills. Attendees were informed about the wealth of resources available within technical communities, including



access to workshops, webinars, and shared knowledge repositories that can supplement their academic learning. The session concluded with attendees gaining a deeper understanding of the importance of skill development and community engagement in shaping their academic and professional journey. It provided them with valuable insights and strategies to actively participate in various technical communities for personal and career growth.



### Workshop on Robotics

The "Mastering Robotics: From Basics to Brilliance" workshop, organized by IEDC LBSCEK in collaboration with TinkerHub LBSCEK, took place on November 17, 2023, at SDPK LAB, LBSCEK. Led by Nithish Nayak, the workshop aimed to introduce participants to robotics fundamentals, provide hands-on experience, and spark enthusiasm for the field. The agenda included an introduction, a session on basics, and a hands-on segment. Participants actively engaged in discussions and Q&A, expressing satisfaction with the content and hands-on experience. The workshop successfully achieved its objectives of fostering curiosity and practical understanding of robotics concepts.

The workshop commenced with an introductory session, setting the stage for the exploration of robotics concepts. Participants were briefed on the objectives and structure of the workshop, fostering anticipation and engagement. Nithish Nayak delved into the foundational principles of robotics, covering essential theories, components, and applications. This segment aimed to equip attendees with a comprehensive understanding of

the subject matter, laying a solid groundwork for subsequent activities. Following the theoretical exposition, participants transitioned into the practical domain, engaging in hands-on activities facilitated by Nithish Nayak. This segment provided attendees with the opportunity to apply theoretical knowledge, manipulate robotic components, and gain firsthand experience in constructing and operating robotic systems.

### **Participant Engagement:**

Throughout the workshop, participants actively participated in discussions, posed insightful questions, and enthusiastically embraced the hands-on activities. The interactive nature of the sessions facilitated a dynamic exchange of ideas and experiences, enhancing the learning journey for all involved.

### **Conclusion:**

The "Mastering Robotics: From Basics to Brilliance" workshop, spearheaded by IEDC LBSCEK in collaboration with TinkerHub LBSCEK and led by Nithish Nayak, emerged as a resounding success. By blending theoretical insights with practical experiences, the workshop not only demystified robotics concepts but also kindled a passion for exploration and innovation in the field. It stands as a testament to the efficacy of collaborative initiatives in nurturing talent and fostering technological literacy.

### **Key Highlights:**

**Enthusiastic Participation:** The participants actively engaged in discussions, asked insightful questions, and showed a genuine interest in the subject matter.

**Interactive Q&A:** The Q&A session provided a platform for participants to clarify doubts and deepen their understanding.

**Hands-on Experience:** The hands-on session allowed participants to apply theoretical knowledge, fostering a practical understanding of robotics concepts.

### **Feedback:**

Participants expressed satisfaction with the workshop content, organization, and the hands-on experience.





BOOTCAMP

# MASTERING ROBOTICS: FROM BASICS TO BRILLIANCE


*A series of workshops - Part-1*




**NITHISH NAYAK**  
S3 ECE




**17**  
Friday November  
09:30AM - 12:00PM  
SDPK LAB

JOIN NOW





*A series of workshops - Part-1*



## Overnight Hackathon for Real world Problem

On March 2nd, 2024, IEEE SB LBSCEK and TinkerHub LBSCEK, in collaboration with TinkerHub, organized 'Tink-Her-Hack', an innovative coding event aimed at promoting creativity and collaboration among coding enthusiasts. The event took place from 3:00 pm on March 2nd to 11:00 am on March 3rd, providing participants with an exciting overnight coding experience.

### Event Highlights:

Tink-Her-Hack aimed to create a space where participants could unleash their coding brilliance and explore innovative ideas in a collaborative environment. The event was exclusively for LH inmates, providing them with a unique platform to showcase their coding skills and creativity. Certificates and goodies awaited all participants, recognizing their stellar contributions to the innovation fiesta. Throughout the night, participants engaged in coding challenges, collaborated with fellow participants, and worked on their projects with enthusiasm and determination. The organizing team, along with mentors, provided support and guidance to participants, ensuring a smooth and enriching experience for all.

Tink-Her-Hack was a resounding success, fostering a night filled with coding brilliance, collaboration, and creativity. The event provided participants with a valuable opportunity to showcase their skills, learn from each other, and make lasting connections within the coding community. As organizers, we are proud to have facilitated such a memorable and impactful event, and we look forward to organizing more events that inspire innovation and creativity in the future.

The competition witnessed remarkable participation from talented individuals showcasing their coding prowess and innovative ideas. After careful deliberation, the judges are pleased to unveil the champions: Team Phishers!

Team Name: Team Phishers

Project: Random Quote Generator

Team Phishers impressed the judges with their exceptional innovation and creativity demonstrated through their project, the Random Quote Generator. The project stood out for its unique concept, technical implementation, and overall presentation.







## **CHAPTER 3**

### **CONCLUSION**

Throughout the academic year 2023-24, the TinkerHub Community at LBS College of Engineering, Kasaragod (LBSCEK) has organized numerous successful events, with a notable impact on new students. Demonstrating a commitment to guiding students towards professional growth, fostering innovation, and skill development, the community has actively addressed past shortcomings to elevate standards for future endeavors. Among these events, an orientation session led by passionate team members highlighted the transformative power of active engagement in various technical communities, including IEEE, TinkerHub, Mulearn, IEDC, and MLSA. This session provided valuable insights into real-world applications of skills, soft skills enhancement, industry insights, and networking strategies. Additionally, TinkerHub LBSCEK hosted a 3-day Online Web Designing Bootcamp, led by experienced speakers, aimed at enhancing participants' web design skills through hands-on activities and discussions. These events underscore the community's dedication to nurturing talent, fostering innovation, and facilitating skill development among students, ensuring a promising future for TinkerHub LBSCEK and its members.

## **CHAPTER 4**

### **CONTACT**

Official Email Address – [tinkerhub@lbscek.ac.in](mailto:tinkerhub@lbscek.ac.in)

Official Website - <https://lbscek.ac.in/iedc/>

Coordinator - Dr. Sarith Divakar M – [sarith@lbscek.ac.in](mailto:sarith@lbscek.ac.in) 9946760222

Campus Lead –Jacob George - [jacobgeorge9605@gmail.com](mailto:jacobgeorge9605@gmail.com) 9605980433

Instagram: <https://www.instagram.com/tinkerhub.lbscek/>





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Place: Kasaragod

Date: 31/03/2023

**Sreedeeep C V**

**Campus Lead**

# **CHAPTER 1**

## **INTRODUCTION**

TinkerHub Foundation is a non-profit organization with a mission to leverage 21st-century technologies and learning methods to cultivate a new generation of highly skilled individuals equipped with both technical expertise and social acumen. The organization envisions a future where everyone has access to the knowledge necessary to shape a better world, particularly focusing on preparing India for the ongoing changes in the global landscape. Their approach involves creating a vibrant community of tinkerers, makers, policy enthusiasts, and students who are dedicated to innovation. Through a combination of peer learning, self-learning initiatives, and mentorship from experienced professionals, TinkerHub aims to empower individuals from diverse backgrounds to become proficient coders and collaborators.

### **Key components of TinkerHub's activities include:**

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**Campus Communities:** The foundation has established over 70 campus chapters across the state. These chapters operate in alignment with the organization's vision and mission, with a primary focus on promoting peer learning and self-learning among members. The goal is to enhance the skill sets of students within these campus communities, thereby preparing them for the challenges of the modern workforce.

TinkerHub at LBS College of Engineering, Kasaragod (LBSCEK) is a dynamic student community under the Innovation and Entrepreneurship Development Centre (IEDC), led by Mr. Jacob George, an enthusiastic student coordinator from the Computer Science and Engineering department. With a focus on fostering innovation and skill development among its members, TinkerHub LBSCEK provides a platform for students to engage in peer learning, self-learning initiatives, and collaborative projects. Through various activities such as workshops, hackathons, and mentorship programs, TinkerHub empowers students to explore and apply cutting-edge technologies while nurturing their entrepreneurial spirit, thereby preparing them for the challenges of the modern world. Overall, TinkerHub LBCEK serves as a catalyst for fostering innovation and skill development among students in LBSCEK, ensuring they are equipped to thrive in a rapidly evolving technological landscape.

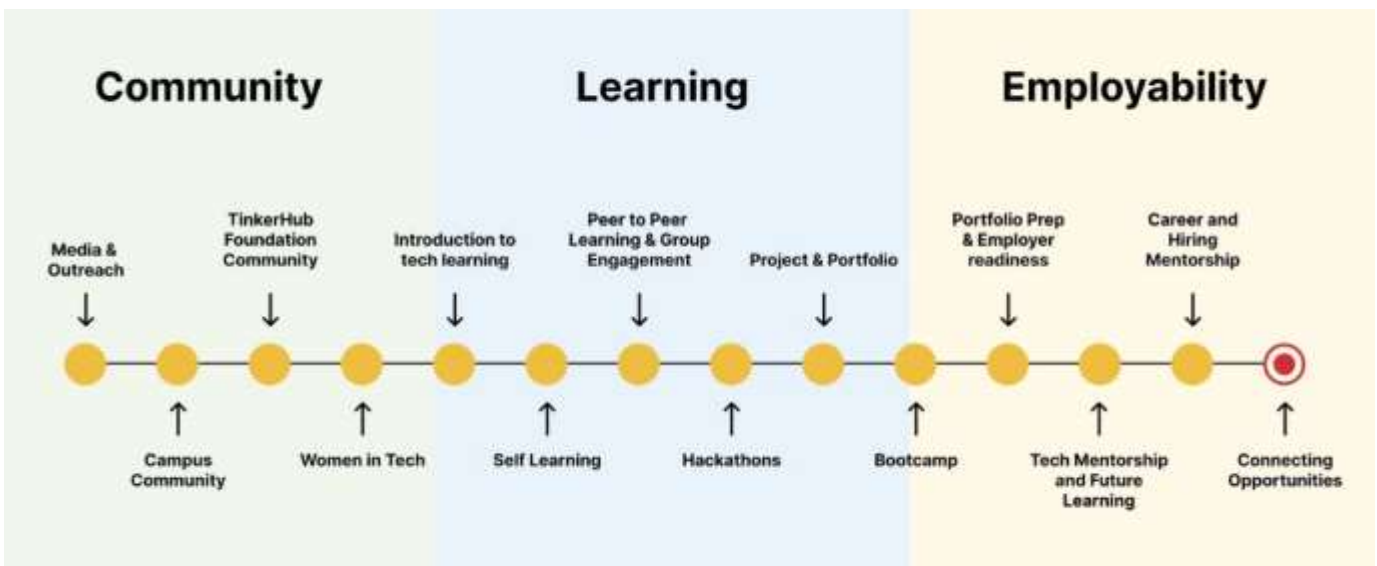


Fig.1. Tinkerhub Process

## CHAPTER 2

### EVENTS ORGANISED

Sl. No.	Date	Name of the Programme
1	03-05-2023	A Deep Dive in to LinkedIn , GitHub & Resume Building

#### **A Deep Dive in to LinkedIn , GitHub & Resume Building**

On May 3rd, 2023, TinkerHub organized a highly beneficial online session titled "A Deep Dive into LinkedIn, GitHub, and Resume Building" aimed at enhancing career skills among participants. Led by Sreedep C V, a backend developer at Hexmos, and Jacob George, the Campus Lead of TinkerHub Lbscek, the session provided valuable insights into improving LinkedIn profiles, showcasing coding skills on GitHub, and crafting compelling resumes. Led by students Sreedep C V and Jacob George, attendees received expert guidance on leveraging LinkedIn, GitHub, and resume building to boost their career prospects. Participants gained practical tips on optimizing their LinkedIn profiles to attract potential employers, effectively showcasing coding projects on GitHub to demonstrate technical skills, and crafting resumes that stand out in the job market. Conducted through Google Meet, the session encouraged active participation and engagement among attendees, fostering an interactive learning environment. Attendees left the session feeling more confident about their career paths, equipped with practical strategies to enhance their online presence and market themselves effectively to potential employers.

The "A Deep Dive into LinkedIn, GitHub, and Resume Building" session organized by TinkerHub proved to be a valuable resource for participants seeking to advance their careers. Through expert guidance, practical tips, and interactive discussions, attendees gained valuable insights and skills to navigate the competitive job market successfully.

Talk Session  

Unlocking Your Professional Potential

OYC  
*One Year Challenge*



## A Deep Dive into LinkedIn, GitHub & Resume Building

### Speakers



**Sreedeeep C V**  
Backend Developer  
at Hexmos



**Jacob George**  
Campus Lead

 **Meet Link**  
[https://bit.ly/OYC\\_LBSCEK](https://bit.ly/OYC_LBSCEK)

**4:00 PM (IST)**

**3rd May 2023, Wednesday**



# Unlocking Your Professional Potential



## **CHAPTER 3**

### **CONCLUSION**

Throughout the academic year 2022-23, the TinkerHub Community at LBS College of Engineering, Kasaragod (LBSCEK) has actively participated in numerous successful events hosted by the TinkerHub Foundation. This included the recent online session "A Deep Dive into LinkedIn, GitHub, and Resume Building", where members of the LBSCEK community engaged in valuable discussions and learning opportunities. This event highlighted the community's commitment to guiding students toward professional growth, fostering innovation, and skill development, showcasing their active involvement in initiatives aimed at enhancing career prospects and knowledge acquisition.

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Place: Kasaragod

Date: 31/03/2022

**Muhammed Nabeel**

**Campus Lead**

# **CHAPTER 1**

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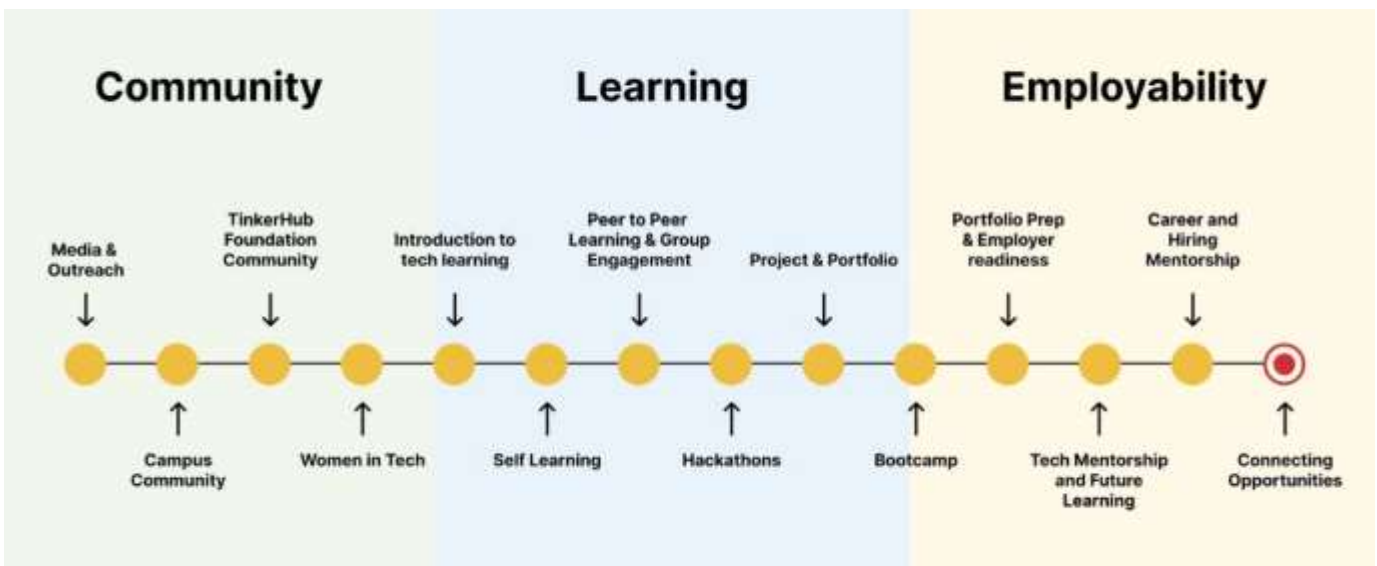


Fig.1. Tinkerhub Process

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Sl. No.	Date	Name of the Programme
1	27-9-2021	Introduction to Git AND Github
2	06-2-2022	Introduction to Python

#### Introduction to Git AND Github

TinkerHub members at LBS College of Engineering, Kasaragod had the opportunity to participate in an insightful "Introduction to Git and GitHub" session, conducted by Chaitanya, Student Lead at EDC, NSS College of Engineering, Palakkad. The session aimed to familiarize attendees with the fundamentals of Git and GitHub, essential tools for version control and collaborative software development. The session provided a comprehensive overview of Git, a distributed version control system, and GitHub, a web-based platform for hosting and collaborating on Git repositories. Attendees had the opportunity to learn about essential Git commands, such as git init, git add, git commit, and git push, through interactive demonstrations and hands-on exercises facilitated by Chaitanya. She emphasized the importance of version control in software development, highlighting how Git and GitHub enable developers to track changes, collaborate with team members, and manage project repositories effectively. The session concluded with a Q&A session, where participants had the opportunity to ask questions, seek clarification, and engage in further discussion with Chaitanya. The "Introduction to Git and GitHub" session provided TinkerHub members at LBSCEK with valuable insights and practical knowledge about version control and collaborative software development. Chaitanya's expertise and engaging facilitation style contributed to a productive and enriching learning experience for all attendees. As a result, participants left the session equipped with the essential skills and understanding necessary to leverage Git and GitHub effectively in their software projects.



presents

WEBINAR ON

# INTRODUCTION TO GIT & GITHUB

📅 27 - 09 - 2021 | ⌚ 7:30 PM | 🌐 Google Meet



**Chaitanya Liz**

## Introduction to Python

On February 6th, 2022, TinkerHub hosted an enlightening "Introduction to Python Workshop," led by Mohammed Ajmal K A. This two-hour session provided participants with a comprehensive introduction to Python, the world's most popular programming language. Mohammed Ajmal K A, an experienced Python developer and student of LBSCKE, began the workshop with an enthusiastic welcome, highlighting Python's significance in today's technological landscape. Throughout the workshop, participants learned basic keywords, syntax, and data types in Python. Mohammed Ajmal K A guided attendees through interactive presentations and hands-on exercises, allowing them to gain practical experience and deepen their understanding of Python concepts. The workshop concluded

with a recap of key learnings and a Q&A session, where participants had the opportunity to seek clarification and engage in further discussion.

The "Introduction to Python Workshop" was a resounding success, providing participants with valuable insights into Python programming. Mohammed Ajmal K A's expertise and engaging teaching style facilitated an enriching learning experience for all attendees. As a result, participants left the workshop with a solid foundation in Python and a newfound enthusiasm for further exploration in the field of programming.



## **CHAPTER 3**

### **CONCLUSION**

Throughout the academic year 2021-22, the TinkerHub Community at LBS College of Engineering, Kasaragod (LBSCEK) has enthusiastically participated in a series of successful events organized by the TinkerHub Foundation. These events included insightful sessions such as "Introduction to Git and GitHub" and "Introduction to Python". Through active engagement in these initiatives, members of the LBSCEK community gained valuable knowledge and practical skills in essential tools and programming languages. This participation underscores the community's commitment to continuous learning, skill development, and active involvement in initiatives aimed at fostering innovation and growth among its members.

## **CHAPTER 4**

### **CONTACT**

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