Activity Report 2023-24
Microsoft Learn Student Ambassadors (MLSA) Student Community, IEDC, LBSCEK

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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

CHAPTER 1
INTRODUCTION

The Microsoft Learn Student Ambassadors program is a global initiative aimed at empowering students to become leaders in their campus communities through the promotion of Microsoft technologies. Ambassadors are tasked with organizing workshops, meetups, hackathons, and mentoring fellow students to foster a strong technical community on their respective campuses. Becoming a Student Ambassador for Microsoft offers a unique opportunity for students to enhance their technical skills while taking on leadership roles within their campus communities. As students reflect on their journey to becoming ambassadors for Microsoft, they recall the pivotal stages they navigated through.

Beginning with the registration process on the Microsoft Student Ambassadors website, they provided essential details about themselves and their academic institutions to initiate their applications. Upon registration, an invitation to join the Microsoft Student Developer Community on Discord arrived, offering a platform for engagement in various activities and connections with fellow student ambassadors. Actively participating in community activities on Discord, including discussions, projects, and challenges, became imperative to demonstrate dedication and enhance their learning experience.

Meeting the activity requirements set by the program, such as completing tasks and attending events, was essential for consideration into the Student Ambassadors program. Following this, they submitted their applications, undergoing interviews to assess their suitability for the role. If accepted, embracing their roles as on-campus leaders was paramount, organizing workshops, meetups, and mentoring fellow students to foster vibrant technical communities. Enjoying the

benefits of the program, including access to Microsoft Certification Exams, traveling opportunities, exclusive merchandise, and networking prospects, became a reality. Continuously participating in community activities, staying updated on Microsoft technologies, and utilizing provided resources to make a positive impact within their campus communities were ongoing priorities.

In conclusion, the journey to becoming a Microsoft Student Ambassador has proven to be an enriching experience for all involved, under the dedicated guidance of Ms. Sreya E P. Her steadfast commitment and leadership have been instrumental in shaping the success of the program at LBS College of Engineering, Kasaragod (LBSCEK). Through her mentorship, ambassadors have been empowered to explore new horizons, develop essential skills, and embrace leadership roles within the tech community. As they represent Microsoft on their campuses, ambassadors not only embody the values of innovation and excellence but also serve as inspiring role models for their peers. Together, they have embarked on a path of personal and professional growth, equipped with the knowledge and determination to make a lasting impact in the ever-evolving landscape of technology.

Fig 1. MLSA Roadmap

CHAPTER 2
EVENTS ORGANISED

Sl. No.	Date	Name of the Programme
1	8-4-2023	Student Summit Watch Party along with Introduction to Application Development
2	14-5-2023 to 21-5-2023	Azure AI Fundamentals Cloud skills Challenge
3	2-8-2023 to 9-8-2023	Azure Fundamentals Cloud skills Challenge
4	14-9-2023	Azure Data fundamentals Cloud Skills Challenge With MLSA

Student Summit Watch Party along with Introduction to Application Development

The Student Summit Watch Party, coupled with an Introduction to Application Development session, was organized by Ms. Sreya E P, a Microsoft Learn Student Ambassador (MLSA). The event aimed to provide students with insights into the latest developments in technology and equip them with essential skills in application development. Ms. Sreya E P delivered an insightful presentation on the fundamentals of application development, covering topics such as programming languages, frameworks, and best practices.

The session included interactive discussions and Q&A sessions, allowing participants to clarify doubts and engage in meaningful dialogue with the speaker.

Student Summit Watch Party: Following the presentation, attendees joined a watch party for the Student Summit, where they had the opportunity to witness inspiring talks and discussions on cutting-edge technology trends. Prizes and Rewards: As a token of appreciation, winners were awarded LinkedIn premium vouchers and Xbox free passes, providing them with access to valuable resources and entertainment opportunities.

The Student Summit Watch Party and Introduction to Application Development event, led by Ms. Sreya E P, provided students with a valuable learning experience and exposure to the latest advancements in technology. Through engaging presentations, interactive sessions, and exciting rewards, participants were inspired to further explore the field of application development and pursue opportunities for personal and professional growth.

Azure AI Fundamentals Cloud skills Challenge

The Azure AI Fundamentals Cloud Skills Challenge organized by MLSA LBSCEK provided participants with a valuable learning experience and practical exposure to Azure AI technologies. By engaging in educational sessions, hands-on labs, challenges, and networking opportunities, participants enhanced their skills, expanded their knowledge, and laid the foundation for further exploration and growth in the field of Azure AI. Following the successful completion of the Azure AI Fundamentals Cloud Skills Challenge, participants are encouraged to pursue the AI-900 certification. This report outlines the importance of the certification and provides guidance on how to prepare for it effectively.

Importance of AI-900 Certification:

- The AI-900 certification validates foundational knowledge in artificial intelligence (AI) and Azure AI technologies, enhancing career prospects and credibility.

- Career Advancement: Holding the certification demonstrates proficiency in AI concepts, Azure Machine Learning, Cognitive Services, and Azure Bot Service, opening doors to AI-related roles.

- Skill Validation: Achieving the certification verifies competence in key AI principles and Azure AI services, providing tangible proof of skill mastery.

- Professional Development: Pursuing the certification offers an opportunity for continuous learning and skill enhancement in the dynamic field of AI technologies.

Preparation Strategies:

- Review Learning Materials: Utilize Microsoft Learn resources and official documentation to revisit AI concepts covered in the AI-900 exam.

- Practice with Labs: Engage in hands-on labs and exercises to gain practical experience with Azure AI services and tools.

- Take Practice Exams: Access practice exams and sample questions to familiarize oneself with the exam format and gauge readiness.

- Join Study Groups: Collaborate with peers and participate in study groups to discuss concepts, share insights, and reinforce learning.

- Seek Guidance: Seek advice from experienced professionals or mentors who have obtained the AI-900 certification.

Exam Registration:

Visit the Microsoft Learn website to register for the AI-900 exam. Select a suitable exam date and location based on availability and preferences. Complete the registration process by paying the exam fee to secure a spot for the exam.

Conclusion:

The AI-900 certification serves as a valuable credential for individuals seeking to validate their knowledge and skills in AI and Azure AI technologies. By following the recommended preparation strategies and registering for the exam, participants can take proactive steps towards advancing their careers and demonstrating proficiency in AI fundamentals.

The Azure Fundamentals Cloud Skills Challenge

Azure Fundamentals Cloud Skills Challenge held from August 2, 2023, to August 9, 2023, aimed to provide participants with foundational knowledge and practical skills in Microsoft Azure cloud computing technologies. The Challenge aimed to educate participants on fundamental Microsoft Azure concepts, provide hands-on experience through guided labs, foster skill development in Azure cloud technologies, and promote community building among participants interested in Azure. The event featured expert-led educational sessions covering various Azure services, hands-on labs for practical experience in deploying resources, challenges to test participants' understanding, and networking opportunities for collaboration. As a result, participants gained increased knowledge and enhanced skills in Azure, while the challenge facilitated the formation of a supportive community, empowering participants to advance their careers in cloud computing and related fields.

The Challenge from August 2, 2023, to August 9, 2023, provided participants with a valuable learning experience and practical exposure to Microsoft Azure cloud computing technologies. By engaging in educational sessions, hands-on labs, challenges, and networking opportunities, participants enhanced their skills, expanded their knowledge, and laid the foundation for further exploration and growth in the field of cloud computing.

Azure Data fundamentals Cloud Skills Challenge with MLSA

The Azure Data Fundamentals Cloud Skills Challenge, organized in partnership with MLSA, served as a comprehensive platform for participants to delve into the intricacies of Azure data technologies. With a focus on education, the challenge aimed to equip participants with a solid understanding of fundamental concepts and principles underlying Azure data solutions. Through expert-led presentations and discussions, participants received a comprehensive overview of the Azure data ecosystem, gaining insights into key concepts and services.

Hands-on experience was at the forefront of the challenge, offering participants the opportunity to apply theoretical knowledge in practical scenarios. Guided labs and exercises allowed participants to deploy and manage Azure data solutions, facilitating skill development in data management and security. Challenges and projects further tested participants' understanding and critical thinking abilities, providing them with valuable experience in problem-solving within the context of Azure data technologies.

Moreover, the challenge fostered a sense of community among participants interested in Azure data technologies. Networking sessions provided opportunities for participants to interact with peers, mentors, and industry professionals, promoting collaboration, knowledge sharing, and peer support. The incentive of a LinkedIn Premium 12 months voucher further motivated active engagement, encouraging participants to leverage the challenge as a stepping stone towards further growth and advancement in the realm of Azure data technologies.

CHAPTER 3
CONCLUSION

Throughout the academic year 2023-24, the Microsoft Learn Student Ambassadors (MLSA) community at LBS College of Engineering, Kasaragod (LBSCEK), spearheaded a diverse array of impactful events, showcasing their unwavering dedication to guiding student development, fostering innovation, and cultivating skill enhancement. These endeavors underscored a steadfast commitment to addressing past shortcomings and raising the bar for future initiatives. Among the notable programs orchestrated by MLSA were the Student Summit Watch Party accompanied by an Introduction to Application Development, the Azure AI Fundamentals Cloud Skills Challenge, the Azure Fundamentals Cloud Skills Challenge, and the Azure Data Fundamentals Cloud Skills Challenge in collaboration with MLSA. Each of these programs not only provided students with invaluable opportunities for growth and exploration but also exemplified MLSA's pivotal role in championing student empowerment and fostering a culture of continuous learning and development within the academic community.

CHAPTER 4
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