



J.B. INSTITUTE OF ENGINEERING & TECHNOLOGY

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Bhaskar Nagar, Yenkapally (V), Moinabad (M), P.O. Himayathnagar, R.R. District, Hyderabad-5000075.

Department of Information Technology

INTRODUCTION TO “AMAZON STUDENT BUILDER GROUP JBIET”

Date: 24/04/2026

Mode of Event: Online

B.Tech –III Year –II Sem

A.Y: 2025-2026

Coordinators

Mrs. S. Anusha, Assistant Professor

Mrs. R. Akhila, Assistant Professor

Convener

Dr. A. Ramesh Babu

Assistant Professor & Head of Department

PREAMBLE

The establishment of the **Amazon Student Builder Group – JBIET Chapter** marks a transformative step in empowering students to actively engage with the rapidly evolving domains of Cloud Computing and Artificial Intelligence. As an open platform for students across all branches, this group reflects the institution's commitment to bridging the gap between academic learning and real-world technological application.

In a world increasingly driven by cloud infrastructure and intelligent systems, this initiative provides students with direct access to Amazon Web Services — the same enterprise-grade platform powering global innovation. Through the Student Builder Group, students are no longer passive learners but active creators, equipped with the tools, credits, and community needed to design, deploy, and scale their own solutions on AWS.

This group stands as a structured ecosystem for hands-on learning, peer collaboration, industry mentorship, and project-driven growth. From building serverless applications to experimenting with AI and machine learning services, students are given the freedom to explore, fail, learn, and build with purpose.

The launch of this chapter is a reaffirmation of the institution's mission to cultivate technically sound, forward-thinking individuals. With the guidance of faculty, support from AWS professionals, and the drive of our student community, the Amazon Student Builder Group – JBIET Chapter is poised to become a defining platform in the technical and professional journey of every student who chooses to build.

This is a student-led movement - a testament to what becomes possible when ambition meets access, and innovation meets opportunity.

ABOUT THE ORGANISATION

AWS Student Builder Groups (formerly AWS Cloud Clubs) are vibrant, student-led communities on post-secondary campuses run directly under Amazon Web Services, where students come together to explore cloud technology, build innovative projects, and grow their technical skills — open to any learner actively enrolled in a post-secondary institution aged 18+. Launched as part of the AWS Builder Center in July 2025, the platform consolidates learning and development into a single ecosystem offering curated workshops, AI Playgrounds, SDK toolkits, and free-tier AWS service access. These workshops are structured by AWS engineers and searchable by service, category, and technical depth, ensuring students at every level — from beginners to advanced builders — find relevant, hands-on content that matches their learning journey. The AI Playgrounds in particular allow students to experiment with generative and agentic AI services without the complexity of local infrastructure setup, making cutting-edge artificial intelligence genuinely accessible to campus communities worldwide. Groups are led by Student Builder Group Leaders who receive AWS credits, certification vouchers, mentorship opportunities, and hands-on leadership experience - many of whom have gone on to join AWS or AWS Partner companies full-time as Software Engineers, Solutions Architects, and Cloud Engineers. Beyond technical skills, the program cultivates real leadership, communication, and community-building abilities that prepare students for the demands of the modern tech industry. Students gain hands-on experience, develop leadership skills, and represent Amazon Web Services on their campus, creating a ripple effect of cloud awareness and technical curiosity across entire institutions. At its core, the organisation exists to connect builders, share solutions, influence AWS product development, and accelerate the growth of the next generation of cloud professionals.

Background & Rebranding

Every group is led by Student Builder Group Leaders (formerly AWS Cloud Club Captains) who are passionate about bringing their communities to life. The rebranding from AWS Cloud Clubs to Student Builder Groups reflects a broader, more builder-focused identity aligned with AWS's mission.

The AWS Builder Center

The AWS Builder Center launched in July 2025, consolidating the legacy AWS Developer Center and the [community.aws](#) platform into a single unified ecosystem designed to centralize learning and development, providing a single-entry point for all builders — including faculty, staff, and students.

What Members Get Access To

The Build section provides curated workshops structured by AWS engineers (searchable by service and technical depth), a Technical Toolbox with SDKs and open-source frameworks, AI Playgrounds as sandbox

environments for experimenting with generative AI services, and free tier integration with clear pathways.

A Glimpse of the Event

Event Overview

The Amazon Student Builder Group – JBIET Chapter hosted its inaugural online event introducing students across all branches to the fundamentals of Cloud Computing and the vast ecosystem of Amazon Web Services. The session was conducted in virtual mode, ensuring wide accessibility and participation from students regardless of their location, and brought together enthusiastic learners eager to explore the world of cloud technologies. The event provided a comprehensive walkthrough of core cloud concepts including compute, storage, networking, and scalability, giving students a foundational understanding of how modern digital infrastructure operates at a global scale. AWS services such as Amazon EC2, S3, Lambda, and SageMaker were highlighted to demonstrate the real-world capabilities students can harness as part of this group. The session also shed light on how the Amazon Student Builder Group will serve as a continuous learning platform for its members, offering hands-on workshops, AWS credits, certification guidance, mentorship from industry professionals, and collaborative project opportunities throughout the academic year. Students were encouraged to move beyond theoretical knowledge and actively engage with cloud tools to build, experiment, and scale their own ideas. The event marked a strong and promising beginning for the chapter, sparking curiosity and confidence among attendees and setting a clear vision for what lies ahead in their cloud journey.

Honorary Speaker : Mrs Anusha (Assistant Professor IT)

Key Highlights of Mrs. S. Anusha's Session

- Delivered a comprehensive introduction to Cloud Computing and its core pillars including compute, storage, networking, and scalability.
- Explained how cloud computing solves major real-world problems such as infrastructure cost, data loss, downtime, and limited accessibility.

- Discussed how the internet relies on cloud platforms to deliver fast, reliable, and uninterrupted services to billions of users globally.
- Highlighted the role of AWS in powering leading global companies and how the same infrastructure is now accessible to students.
- Walked students through key AWS services including Amazon EC2, S3, Lambda, and SageMaker with practical context.
- Outlined how the Amazon Student Builder Group will serve as a structured platform for learning, building, and growing throughout the academic year.
- Encouraged students to move beyond passive learning and actively build projects using cloud tools and AWS resources.
- Opened the floor for a Q&A session, addressing student queries on cloud careers, certifications, and how to get started with AWS.

Session Highlights

- The event was conducted in online mode, enabling wide participation across all departments.
- Mrs. Anusha served as the honorary speaker, delivering the session with clarity, depth, and real-world relevance.
- Students were introduced to the fundamentals of cloud computing for the very first time in a structured, guided format.
- The session connected cloud concepts directly to how the internet operates, making technical ideas relatable and easy to grasp.
- The vision and roadmap of the Amazon Student Builder Group – JBIET Chapter were presented, outlining upcoming workshops, events, and member benefits.
- Strong student engagement was observed throughout, with active participation during the interactive Q&A segment.
- The event successfully set the tone and direction for the chapter, inspiring students to begin their cloud journey with purpose and enthusiasm.

Event Poster/Banner

27th of Excellence
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Cloud Clubs **JB**

LAUNCHPAD - JB IET'S FIRST AWS CLOUD EVENT

Join us for a deep dive into cloud services

ONLINE LAUNCH (PHASE 1)

📅 24 APRIL, 2026
📍 ONLINE
🕒 06:00 PM – 07:00 PM

Scan to register on *Meetup*

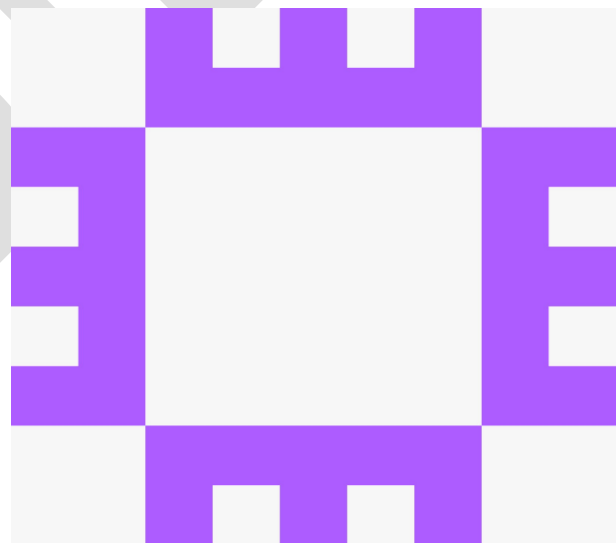
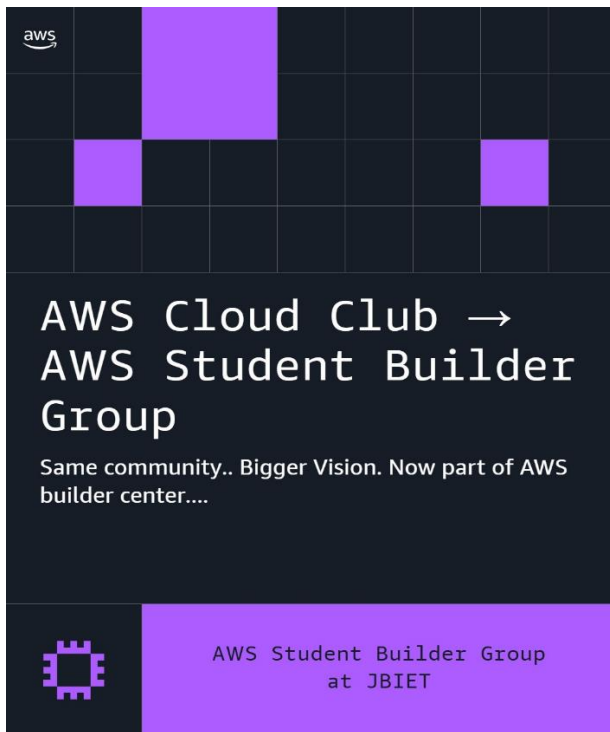
**PHASE 1
ONLINE
LAUNCH**

**PHASE 2
OFFLINE
LAUNCH**

*Stay tuned for Phase 2:
Offline Launch coming soon!

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AWS Cloud Club JB IET

CLUB LOGO



Event Outcome

The inaugural online event of the Amazon Student Builder Group – JBIET Chapter concluded on a highly positive and impactful note, successfully achieving its core objective of introducing students to the fundamentals of cloud computing and igniting a genuine interest in AWS technologies among the student community. Mrs. Anusha's session proved to be the highlight of the event, as her clear and practical explanations helped students understand not just what cloud computing is, but why it matters, how it solves real-world technological challenges, and how deeply it is embedded in the functioning of the modern internet. Students who had little to no prior exposure to cloud technologies left the session with a foundational understanding of core concepts such as compute, storage, scalability, and global infrastructure, along with awareness of key AWS services that they can begin exploring as part of the group. The session particularly stood out in the way it connected abstract technical concepts to everyday digital experiences, helping students realize that the applications they use daily, from streaming platforms to online banking to social media, are all sustained by the very cloud infrastructure they were being introduced to. This practical framing made a lasting impression on attendees and transformed what could have been a purely theoretical introduction into a genuinely eye-opening experience that resonated across all academic backgrounds and branches. The event also successfully communicated the purpose, vision, and roadmap of the Amazon Student Builder Group – JBIET Chapter, with students gaining clarity on how the club will support their technical growth through workshops, AWS credits, certification pathways, mentorship, and hands-on project opportunities throughout the academic year. The virtual format ensured maximum reach and participation across all branches, breaking down barriers of location and schedule, and the interactive Q&A segment at the end demonstrated strong student engagement and curiosity, with students raising thoughtful questions about cloud career paths, AWS certifications, and how to take their first practical steps on the AWS platform. The enthusiasm and responsiveness of the student community throughout the session reflected a strong appetite for technical learning and a clear readiness to engage more deeply with cloud and AI technologies in the months ahead. The formation of this chapter at JBIET represents more than just the launch of a student club — it marks the beginning of a structured, long-term commitment by the institution to ensure its students are not left behind in the rapidly evolving technological landscape. Looking ahead, the Amazon Student Builder Group – JBIET Chapter has a rich and exciting calendar of events planned for the coming months, including hands-on AWS workshops, cloud architecture challenges, AI and machine learning project sessions, hackathons, certification preparation bootcamps, and industry interaction sessions with AWS professionals and alumni. These upcoming events are designed to progressively deepen the technical knowledge of members, moving from foundational awareness to practical, project-level expertise that directly enhances their academic and professional profiles. The chapter also looks forward to connecting its members with the broader AWS Student Builder community across India and globally, opening doors to collaborative opportunities, shared learning, and exposure to how students from different institutions and geographies are building with cloud technologies. Each upcoming event will be carefully curated to ensure that students at every skill level, whether complete beginners or those already familiar with AWS, find value, growth, and a sense of belonging within this community. Overall, the event laid a solid and inspiring foundation for the chapter, instilling confidence in students that they now belong to a community that will actively support their journey into cloud computing, artificial intelligence, and the broader AWS ecosystem, equipping them to build, scale,

and contribute meaningfully to the technology landscape of tomorrow.

Photos of the Event

The following photographs are from the inaugural online event of the Amazon Student Builder Group – JBIET Chapter, organized under the AWS Cloud initiative. The event focused on introducing students to the fundamentals of cloud computing and AWS technologies through an interactive and insightful session delivered by Mrs. Anusha. These images capture the enthusiastic participation, engagement, and learning experience of students as they explored the world of cloud computing, AWS services, and emerging technologies.

The session successfully created awareness about the importance of cloud technologies in today's digital world and inspired students to explore AWS learning opportunities. Students actively participated in the interactive discussions and gained valuable insights into cloud career paths, certifications, and hands-on project development. The event marked a strong beginning for the AWS Student Builder community at JBIET, encouraging innovation, self-learning, collaboration, and technical growth among students.

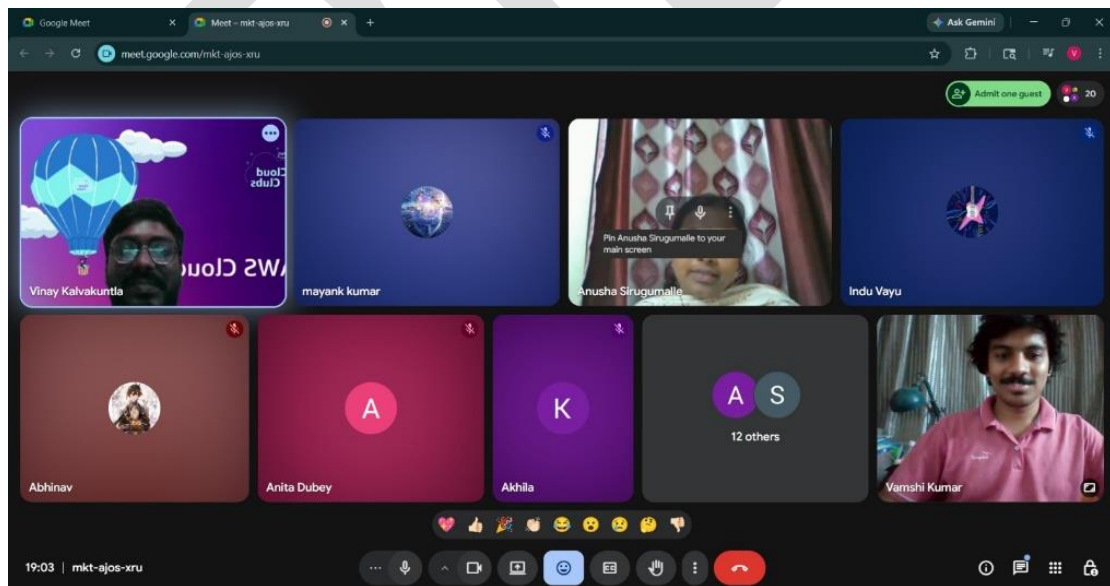


Fig 1 : Addressing of Event's Agenda.

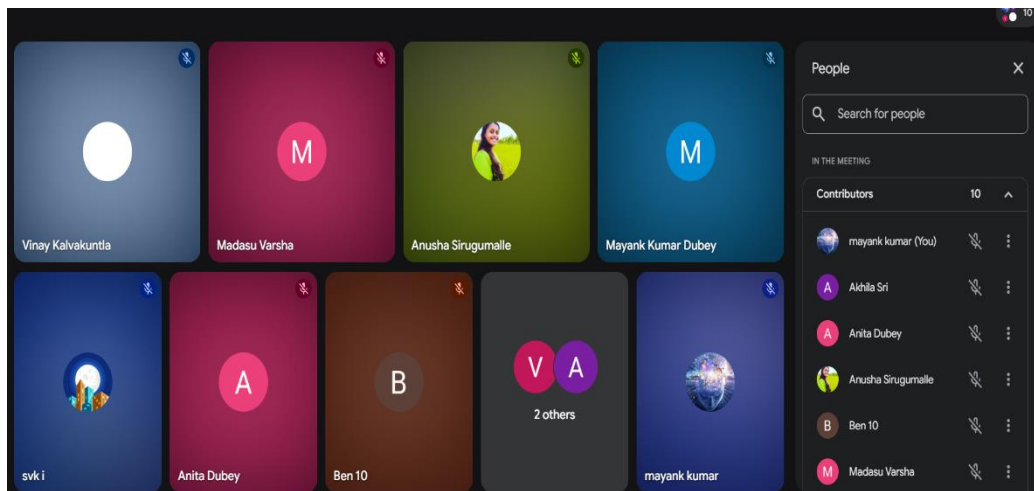


Fig 2: Speaker addressing the Students.

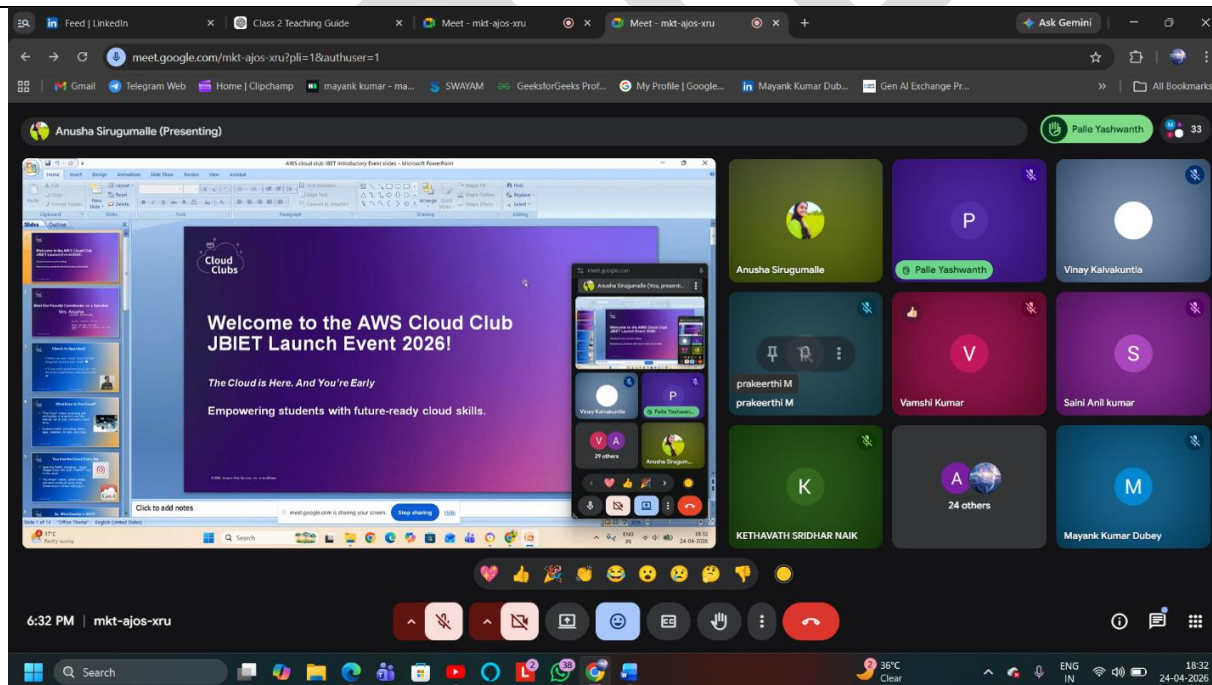


Fig 3 : Introduction to Event

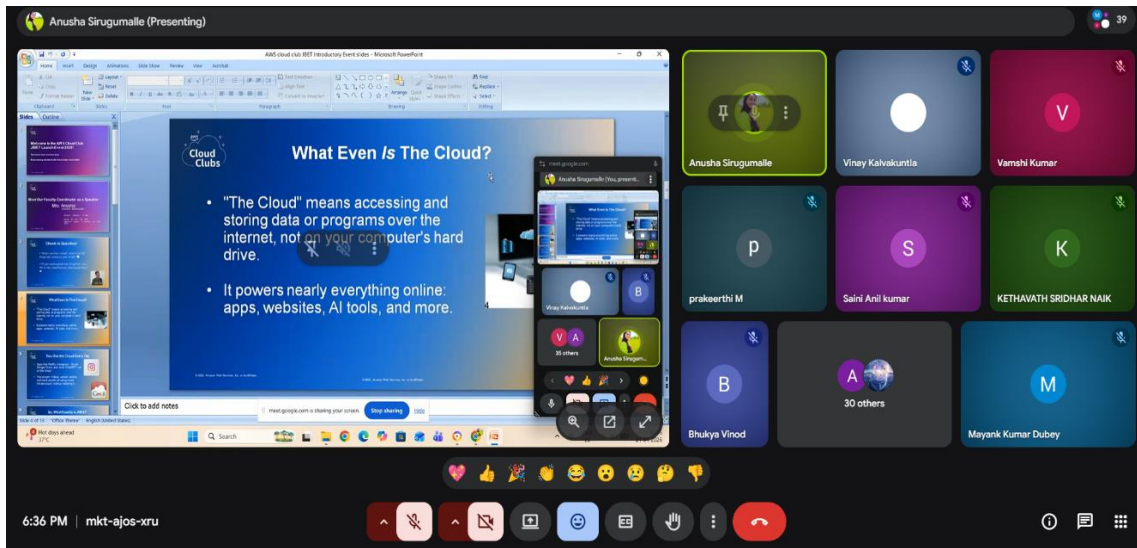


Fig 4: Introduction To Cloud Technologies

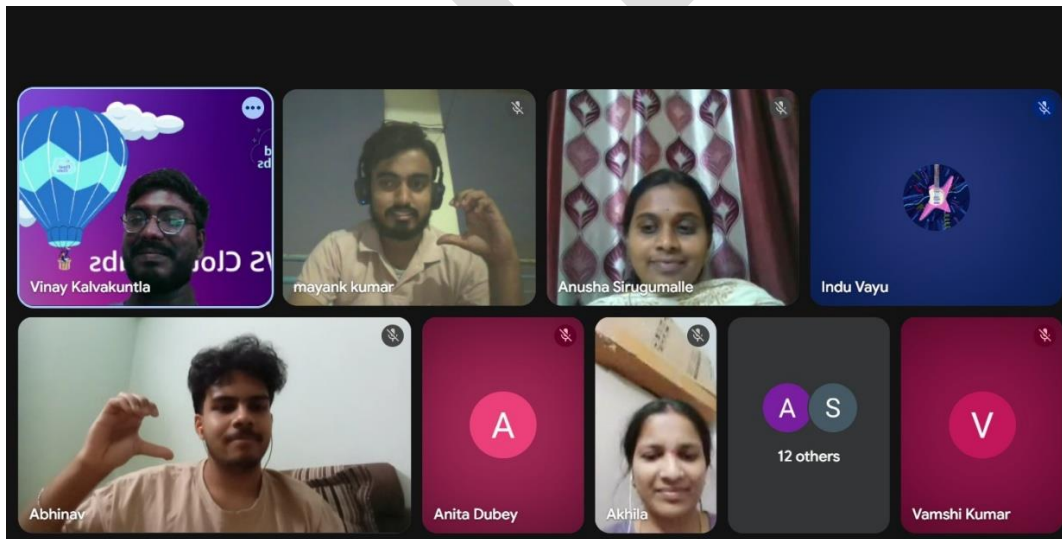


Fig 5 : Gesture by Students

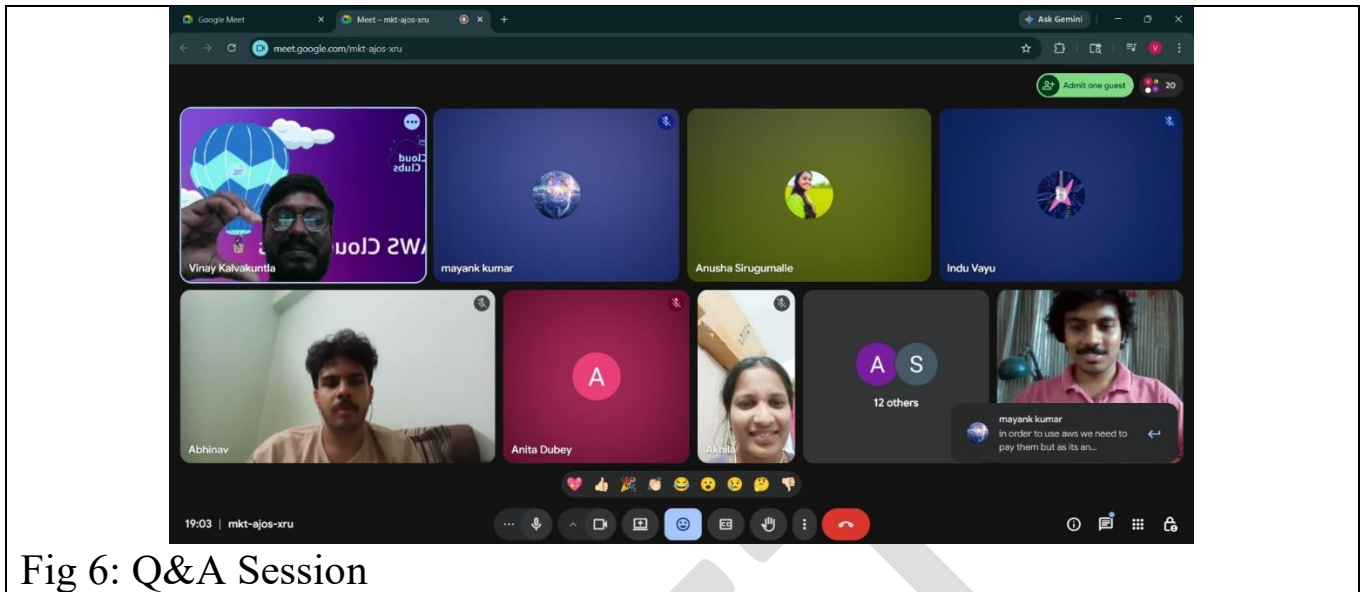


Fig 6: Q&A Session

SOCIAL MEDIA HANDLES

INSTAGRAM PROFILE

Handle username: `aws.studentbuilder.group.jbiet`

