AWS CLOUD CLUB MJCET

Under the guidance of
CS&AI Dept MJCET

INAUGURAL CEREMONY

INTRODUCTION TO AWS

Amazon Web Services (AWS) is a comprehensive and widely adopted cloud platform, offering over 200 fully-featured services from data centers globally. AWS enables organizations and individuals to leverage cloud computing's power for tasks such as computing, storage, machine learning, artificial intelligence, and security. It supports businesses of all sizes in scaling and innovating faster by providing flexible, scalable, and cost-effective infrastructure.

INTRODUCTION TO AWS CLOUD CLUB

AWS Cloud Clubs are academic communities aimed at fostering a passion for cloud computing among students. These clubs provide resources, training, and hands-on opportunities to learn AWS technologies, helping members develop the essential skills needed for a successful career in the cloud computing industry. AWS Cloud Clubs also offer a platform for members to collaborate, innovate, and interact with industry experts and like-minded peers, creating a dynamic ecosystem for growth.

OVERVIEW OF AWS CLOUD CLUB MJCET:

The AWS Cloud Club at MJCET is the first of its kind in Telangana, helps students build cloud computing skills through hands-on training and AWS technologies. It offers opportunities for real-world projects, expert-led workshops, and collaboration, empowering members to succeed in the cloud industry.

BENEFITS OF JOINING:

Enhance and cultivate essential cloud competencies in architecture, deployment, and service management. Benefit from exclusive access to AWS tools and resources. Establish connections with industry experts, peers, and prospective employers.

COMMENCEMENT OF THE INAUGURAL EVENT:

On 28th June 2024, we hosted an engaging event from 10:00 AM to 12:00 PM at the Block 4 Seminar Hall. Attendees had the opportunity to connect, learn, and collaborate on various topics related to cloud computing and Amazon Web Services (AWS).

The inauguration of our club featured the esteemed presence of Mr. Faizal Khan, Community Lead of the AWS User Group and AWS Community Hero, as the distinguished Chief Guest.

Mr. Faizal Khan provided an insightful introduction to the club, emphasizing its significance in fostering collaboration and innovation within the field of cloud computing. He highlighted the club's role in equipping members with essential skills, facilitating networking opportunities, and enhancing access to valuable resources and training related to Amazon Web Services (AWS).

The governing body of the AWS Club was announed, detailing its members and their roles, and emphasizing their commitment to guiding the club's mission and initiatives.

GOVERNING BODY OF AWS:

● Captain: Syed Omer Shah

● Vice Captain: Danish Mohiuddin

● Secretary: Maria Ashfaq

● Chief Coordinator: Ihsan Ilahi Maqbool

● Chief Representative: Anaisah Noor

● Outreach Director: Zayab Ahmed

● Technical Coordinator: Nameera Mohammed

● Treasurer: Syeda Zoya

He concluded the ceremony by expressing his gratitude to all attendees for their participation and enthusiasm. Mr. Khan encouraged members to actively engage with the club's activities and to collaborate in fostering a vibrant community dedicated to cloud computing and innovation.

Acknowledgment to the CS&AI Department:

We sincerely thank the Department of Computer Science & Artificial Intelligence (CS&AI), MJCET, for their pivotal role in the successful launch of the AWS Cloud Computing Club. Led by Mrs. Uma N. Dulhare, HOD of CS&AI, the department has been at the forefront of promoting cloud computing, AI, and emerging technologies. Their commitment to fostering a culture of innovation and providing platforms like the AWS Club has enabled students to gain hands-on experience in cloud technologies, AWS services, and cloud architecture. We deeply appreciate their unwavering support in creating opportunities for practical learning and skill development, driving us toward a future of technological excellence.

IMAGIFY 2.0

IMAGIFY 2.0, organized by IEEE SMC MJCET in collaboration with AWS CC MJCET, took place on 26th July 2024 at MJCET. The event aimed to explore the latest trends in artificial intelligence and machine learning, offering participants both theoretical insights and practical experience. With sessions on Generative AI, Prompt Engineering, Vision-Language Models, and AWS services, the event successfully bridged the gap between AI concepts and real-world applications.

Content of the event:

1. Generative AI:IMAGIFY 2.0 kicked off with an intriguing dive into Generative AI, presented by Fatima Saleem. Her session was a highlight, showcasing how AI models can create everything from images to music and text. The excitement was palpable as she demonstrated how these technologies are transforming industries and sparking creativity.
2. Prompt Engineering: Next, Hurriya Subhan guided participants through Prompt Engineering, explaining how to effectively interact with AI. Hurriya's practical tips demonstrated the importance of crafting precise prompts for optimal AI results, making this session engaging and educational.
3. Vision-Language Models (VLMs): Vahaj Ur Rahman introduced Vision-Language Models, revealing how these models combine visual and textual data to perform tasks like caption generation and question answering. His clear explanations showcased the potential of integrating sight and language for AI applications.
4. Introduction to AWS Services: Uzair Khan presented the benefits of AWS services, emphasizing their scalability and

flexibility for AI projects. His session highlighted how AWS infrastructure supports innovation, making it easier for developers to bring AI ideas to life.

5. Stable Diffusion & Bedrock: Imran Ahmed demonstrated the latest advancements in image generation with Stable Diffusion and Bedrock, showing how text prompts can create stunning visuals. His practical examples excited participants about the creative possibilities in digital art and marketing.

6. Hands-On Session: Abdullah Hussain Shaikh led an interactive session where participants used the BLIP model from Salesforce to generate captions and Google's Gemini model to transform them into stories and poems. This hands-on experience was both fun and educational, providing practical AI exposure.

7. AWS Party-Rock: The event concluded with the dynamic PartyRock session, led by Mohd Abdul Moid, where participants explored AWS tools in a fun, creative atmosphere. The session left attendees energized, wrapping up IMAGIFY 2.0 with a perfect blend of learning and enjoyment.

Closure of the Event:

As IMAGIFY 2.0 cametoanend,itssuccesswasundeniable.Theday was filled with captivating sessions, interactive learning, and vibrant discussions, leaving everyone inspired. The dynamic AWS Party-Rock session provided a fitting end, reflecting the event's innovative spirit.

A heartfelt thank you to all the speakers, organizers, and participants who made IMAGIFY 2.0 a resounding success. The knowledge and experiences gained will continue to fuel further exploration and innovation in AI and machine learning.

Acknowledgment to the CS&AI Department:

We express our sincere gratitude to the Department of Computer Science & Artificial Intelligence (CS&AI), MJCET, for their crucial role in making IMAGIFY 2.0 a resounding success. Under the visionary leadership of Mrs. Uma N. Dulhare, HOD of CS&AI, the department has continually fostered an environment of innovation and academic excellence. Their commitment to advancing AI and machine learning, along with their support in providing platforms like IMAGIFY 2.0 for students to explore and apply their knowledge, has been instrumental in the event's success. We deeply appreciate their unwavering encouragement and guidance.

ORIENTATIONDAY

EVENT OVERVIEW:

On August 17, 2024, the AWS Club held a pivotal meeting at SU HUB from 11:00 am to 3:30 pm. The gathering aimed to foster collaboration and ensure alignment with the club's objectives. The event featured the introduction of the governing body, Execom, and core members, followed by a discussion of the club's rules emphasizing respect, humility, and confidentiality.

Key highlights included the announcement of an industrial visit to Amazon's office and a Bootcamp offering AWS certifications. The meeting concluded with a lively ice-breaking session, "Heads Up," which helped strengthen bonds among members, with the winners receiving surprise rewards.

Introduction to the Portfolios of the AWS Club:

The AWS Club is structured into several key portfolios, each with specific responsibilities to ensure the smooth operation and growth of the club. These portfolios are headed by passionate members with expertise in cloud computing and other relevant fields.

ExecomTeam

The Executive Committee (Execom) team oversees the technical and non-technical wings of the club, ensuring that all projects, events, and initiatives are executed effectively. Each leader is specialized in a key technical domain, making the Execom team the club's backbone.

● Cloud Lead: Syed Furqaan Hussain
Responsible for cloud computing initiatives, including AWS resources and infrastructure management.

● Cloud Security Lead: Ikram Hyderi
Ensures the club's cloud activities are secure, overseeing data protection and cloud security measures.

● Dev Lead: Uzair Khan
Heads the software development efforts, managing web-based projects and app development.

● ML Lead: Mohammed Omer
Leads machine learning projects and provides technical guidance on AI initiatives.

● DS Lead: Mir Nabeel Uddin

Oversees data science operations, focusing on data analysis and predictive modeling.

● IOT Lead: Imran Ahmed

Guides projects focused on the Internet of Things, linking cloud technologies with IoT applications.

● Design Head: Bilal Hussain Anwar

Responsible for all design-related tasks, ensuring that the club's materials are visually appealing and professional.

● Marketing Head: Abdullah Shareef Manages the club's outreach and promotion efforts, ensuring that the AWS Club's activities reach a broad audience.

● Events Head: Danish Asif Ahmed

Oversees the planning and execution of all club events, ensuring they run smoothly and are well-organized.

● Media Head: Tuba Fatima

Leads the media team, responsible for documenting the club's activities and managing its social media presence.

● Documentation Head: Afhamullah Shaik Mohammed
Ensures proper record-keeping and documentation of all meetings, events, and club activities.

Core Members

Core members provide vital support to the Execom team, contributing their specialized knowledge and skills to drive the club's projects forward.

●Cloud: Tahir Khan Gooty, Tasneem Sultana

●Cloud Security: Mohammed Nouman, Shaik Abdul Sami

●Development: Shahnawaz Alam, Shaik Abrar

●Machine Learning: Sariah Fatima, Saad Riyan, Musab Umayr

●Data Science: Abdullah Shaikh, Ahlam Saher, Nabeel Rizwan

●IOT: Vahaj Ur Rahman, Abdullah Hafeez

●Design: Syed Abdur Rahman, Juweria Ashfaq, Faraaz Hashmi

●Marketing: Adnan Shareef, Syeda Luba Falak

●Events: Abdullah Yar Khan, Sidra Aleem, Zaid Ali Khan

●Media: Mohammed Soheb, Hanaan Shah, Hamza Mohammed

●Documentation: Nooren Fatima, Mir Danish Ahmed

Together, these teams ensure that the AWS Club runs efficiently, providing members with opportunities to learn, collaborate, and grow within the cloud computing domain. The clear structure and division of responsibilities allow each team to focus on their core functions, ensuring the success of the club's activities and initiatives.