

REPORT ON SPARK

CODING CLUB TKMCE

Name of Activity	Spark: An Introduction to Coding
No of participants	50
Date 10 August 2024	Venue SVMPS High School, Vadakumthala
Resource persons	None

Event Description:

The Spark: An Introduction to Coding event, organized by the Coding Club of TKM College of Engineering, was successfully conducted at SVMPS High School, Vadakumthala. The event aimed to introduce high school students to the fundamentals of coding, with a special focus on the Python programming language. The initiative was part of the club's outreach program to foster interest in technology and coding among young students. The event was conducted by coding club members Vishnu S, Muhammed Mizhab, Muhammed Afeef, Sreeresh SS, Aby Thankachan, Aron Mathew Tom and Sangeeth S. Our faculty advisor and school alumni Dr Shameem Ansar, Dept of Computer science and engineering was also present during the event. The event was attended by a group of enthusiastic students from SVMPS High School.

The Spark event was structured into several interactive sessions:

1. Introduction to Coding: The day began with a brief introduction to the world of coding, explaining its importance and applications in various fields.
2. Hands-on Python Programming: Students were introduced to the basics of Python programming. The session covered fundamental concepts, including variables, loops, and conditionals. Participants practiced these concepts through simple coding exercises.
3. Interactive Coding Games: To make the learning experience more engaging, coding games and activities were incorporated. These games were designed to reinforce the concepts learned during the hands-on sessions.

4. Q&A and Feedback Session: The event concluded with an interactive Q&A session where students could ask questions and clarify their doubts. Feedback was collected from participants to understand their learning experience and gather suggestions for future events.

Spark: An Introduction to Coding was a resounding success, achieving its goals of inspiring and educating young minds about the world of coding. The enthusiasm and curiosity displayed by the students were truly inspiring.





REPORT ON DISCOVER SMART INDIA HACKATHON

CODING CLUB TKMCE

Name of Activity	Discover Smart India Hackathon
No of participants	32
Date 17th August 2024	Venue Online
Resource persons	Megha R

Event Description:

The Coding Club of TKM College of Engineering successfully organized a virtual session titled “Discover Smart India Hackathon” on the 17th of August 2024, at 7:00 PM via the Google Meet platform. The event aimed to familiarize students with hackathons, particularly the Smart India Hackathon (SIH), and how these competitions help develop problem-solving and innovation skills.

Megha R., an Assistant Engineer at Volvo D&IT and the Smart India Hackathon 2022 winner, was the keynote speaker. During the session, she shared her experiences of participating in and winning SIH, providing insights into the essential skills required for hackathon success. Megha emphasized the importance of creativity, teamwork, and quick ideation, highlighting how hackathons foster innovation and technical growth.

The event covered key aspects of hackathon participation, including the structure of SIH, tips on brainstorming ideas, and strategies for excelling in hackathons. The speaker reinforced the idea that innovation is a key factor that distinguishes leaders from followers, drawing on Steve Jobs’ famous quote.

The session ended with an interactive Q&A, where students had the opportunity to ask questions and gain further clarity on hackathons and innovation-driven competitions. Coordinated by Fathima Hariz and Aditya, the event prepared the participants for future hackathons and real-world problem-solving challenges.

REPORT ON HACK SMART

CODING CLUB TKMCE

Name of Activity	Hack smart
No of participants	15 teams
Date 29th August 2024	Venue Seeds Room, TKM College of Engineering
Resource persons	Dr. Dimple A Shahjahan, Dr. Shabeer, Mr, Gokul

Event Description:

HACK SMART'24, the internal hackathon for Smart India Hackathon (SIH) 2024, was successfully held on August 29, 2024, at TKM College of Engineering, organized by the Coding Club and IEDC TKMCE. This event aimed to prepare TKMCE teams for the national-level SIH (smart India Hackathon) competition, challenging participants to develop innovative hardware and software solutions for government-identified issues. With a team size of six, including at least one female member, participants tackled real-world problem statements, showcasing their skills and creativity.



REPORT ON ONLINE TREASURE HUNT

CODING CLUB TKMCE

Name of Activity	Arm movie based online treasure hunt
No of participants	40
Date 25th September 2024	Venue Online
Resource persons	None

Event Description:

The Coding Club of TKM College of Engineering hosted an engaging “ARM Movie-Based Online Treasure Hunt” on 25th September 2024, exclusively for first-year students. This online event, held from 7:30 PM to 8:00 PM, challenged participants to solve movie-inspired clues that tested their problem-solving skills and creativity.

With each clue based on the ARM movie, students raced through a series of puzzles, competing for the ultimate prize of free 3D tickets to watch the movie. Coordinated by Afeef and Akshay, the treasure hunt successfully introduced first-year students to the Coding Club community.



REPORT ON FIRST YEAR ORIENTATION

CODING CLUB TKMCE

Name of Activity	first year orientation
No of participants	200
Date 30th September 2024	Venue APJ Hall
Resource persons	None

Event Description:

The Coding Club of TKM College of Engineering conducted a first-year orientation program to welcome and introduce new students to the club's activities and opportunities in coding and technology. The session began with an overview of the club's mission and highlighted various past and upcoming events, such as workshops, coding contests, and hackathons. The orientation also included a hands-on activity and games to give students a basic introduction to coding, along with guidance on joining the club and engaging in its events. The program was well-received, with students being a part of the club's activities, marking a successful start to their journey in coding at TKMCE.

The info session was followed by a fun interactive game session in which the students were divided into different groups. The groups were named in such a way that it had the name of different versions of Ubuntu. Refreshments were also provided.



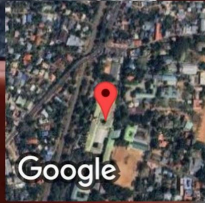
REPORT ON BLOCKCHAIN & WEB3 TALK SESSION CODING CLUB TKMCE

Name of Activity	Blockchain and web3 talk session
No of participants	120
Date 3rd October 2024	Venue APJ Hall, TKM College of Engineering
Resource persons	Vishnu G Prasad


Event Description:

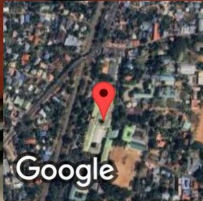
The Department of Computer Science and Engineering, in association with Coding Club TKMCE, organized a session titled “Blockchain & Web3” on 3rd October 2024, at APJ Hall, TKM College of Engineering.

Vishnu G Prasad, Blockchain Developer at Kchain Solutions, BDA at Bandit Network, and founding member of Project Karma, Onaught App, and Co-founder of Reicog, shared his expertise, shedding light on how blockchain and Web3 innovations are transforming various industries. During the session, Vishnu discussed the foundational aspects of blockchain, including decentralized systems, smart contracts, and secure, transparent transactions, as well as real-world applications in fields such as finance, supply chain, and digital identity management. He shared his journey, challenges, and experiences with blockchain projects, providing valuable insights for those looking to enter the field. The event concluded with an engaging Q&A session where participants had the opportunity to clarify their doubts and deepen their understanding of blockchain technology and Web3.




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REPORT ON CARESTACK INFO SESSION CODING CLUB TKMCE

Name of Activity	CARESTACK SESSION
No of participants	140
Date 25th September 2024	Venue Online
Resource persons	CareStack Team

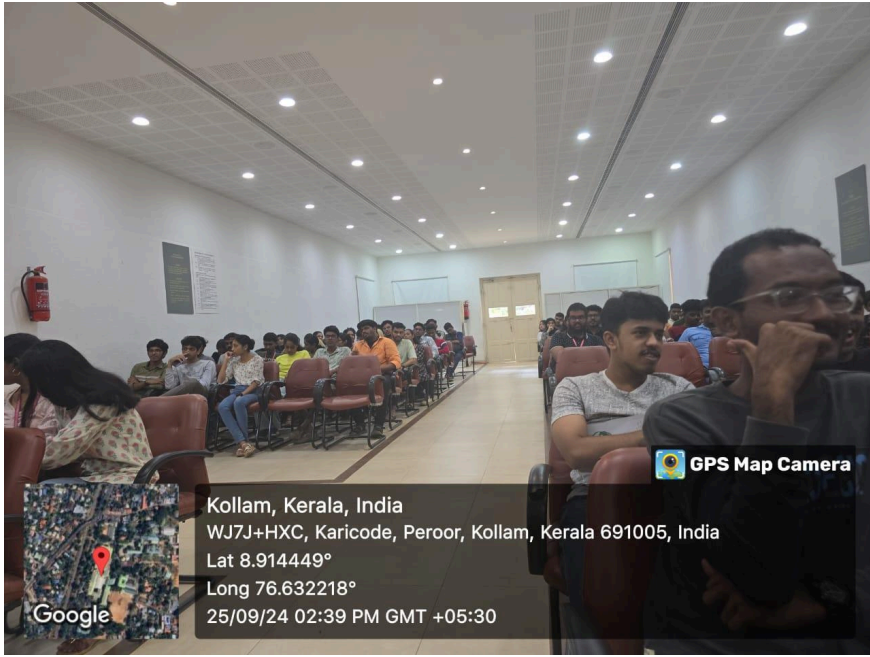
Event Description:

The Coding Club of TKM College of Engineering hosted an impactful session on 25th September 2024 in collaboration with CareStack, aimed at equipping students with essential skills for successful placements. This offline event, which began at 2:00 PM on campus, provided students with valuable guidance on improving interview techniques, enhancing technical knowledge, and developing skills critical for career advancement.

The session emphasized various aspects of interview preparation, including specifying the importance of communication skills, problem-solving techniques, and technical skill enhancement. Toward the end of the event, a select group of participants was invited for a full-day, hands-on training session at the CareStack office, where they received personalized guidance in a professional environment.

This event received positive feedback from participants and served as a valuable stepping stone in preparing them for future placement opportunities.





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REPORT ON ROAD TO RADAR CODING CLUB TKMCE

Name of Activity	ROAD TO RADAR
No of participants	25
Date 6th September 2024	Venue PTA Hall
Resource persons	Mr Jijo Johny

Event Description:

The Coding Club of TKM College of Engineering, in collaboration with Web3 TKMCE, organized an informative session titled “Road to Solana Radar Global Hackathon” on 6th September 2024. This session aimed to introduce students to the Solana Radar Global Hackathon, an international event with a prize pool of ₹2 Crores, promising substantial opportunities for innovation in the Web3 space.

Held at the PTA Hall from 4:30 PM, the session covered key aspects of the hackathon, including its structure, team formation strategies, and project ideation tips. Attendees were provided with insights into the hackathon’s potential for creativity and impact, emphasizing the role of Web3 technologies in shaping future digital ecosystems.

The session was well-attended and marked as a significant stepping stone for students eager to make their mark in the Web3 domain.



REPORT ON PREPTALK: PLACEMENT GUIDANCE SESSION CODING CLUB TKMCE

Name of Activity	PREPTALK: PLACEMENT GUIDANCE SESSION
No of participants	70
Date 25th September 2024	Venue Online
Resource persons	Mr Nithin Jose

Event Description:

The Coding Club of TKM College of Engineering successfully hosted a virtual session titled Prep Talk: Placement Guidance Session on the 21st of September 2024, at 7:00 PM via the Google Meet platform. The event aimed to equip students with the essential skills and strategies needed to stand out in the competitive job market and secure their dream positions.

Nithin Jose, a Software Developer at IBM, served as the keynote speaker. He shared invaluable insights into the job application process, focusing on crafting effective resumes and preparing for interviews. Nithin emphasized the significance of personal branding and highlighted common pitfalls to avoid during job applications.

The session covered critical topics including:

- Best practices for resume writing
- Techniques for impressing during interviews
- Strategies for networking and leveraging professional platforms

Participants engaged in a lively Q&A session, where they had the opportunity to seek advice tailored to their individual career aspirations. The event was coordinated by the members of the Coding Club, providing an interactive platform for students to enhance their employability skills.

Overall, the session proved to be a valuable resource for students preparing to enter the workforce, equipping them with practical tools and strategies to navigate the job market successfully.

