Department of Computer Science and Engineering
April-May-June 2022

Google DSC mentorship session on Artificial Intelligence, Machine Learning, and Data Science

Google Developer Student Club, RCOEM, organized an offline event "Mentorship Session on Artificial Intelligence, Machine Learning and Data Science" on 9th April 2022, for the first and second year students of RCOEM to introduce them to the domains of Artificial Intelligence, Machine Learning and Data Science. Students were also guided on how to get started with these technologies and upskill themselves with the help of different resources.

Mr. Shubham Saboo, AWS Data Engineer Intern at Cognizant conducted the mentorship session for the students. He has worked on several projects and internships in the field of Machine Learning and Data Science. The mentorship session was followed by a Q&A session where the students cleared their doubts. DSC Lead Tejas Tapas motivated the students to explore different fields and technologies. Mr. Yash Agrawal, Data Engineering Intern at Amazon shared his learnings and internship experience in the field of data engineering with the attendees. Total 50 students attended the session and found the session very useful.

Participants attending the mentorship session on Artificial Intelligence, Machine Learning, and Data Science

Google I/O Extended

A Regional event "Google I/O Extended" was organized by Google DSC RCOEM Chapter in collaboration with the GDG Nagpur on 28th May 2022. The event was conducted in two sessions.

First session was a hands-on workshop called "Design 101", conducted by Mr. Saish Adlak, Mr. Henay Lakhwani, Mr. Chirayu Sakarkar, and Mr. Shreyash Choudhary. It was based on UX deign on Figma. The second session, post lunch, was the panel discussion on "Start-up vs Corporate". Discussion was moderated by Mr. Vedant Khairnar. Guest Speakers for the Panel Discussion were Mr. Shantanu Vishwanadha, Developer Relations Engineer at Covalent, Mr. Saish Adlak, Product Designer at Wrky.ai, Ms. Jayneeta Sinha, Software Engineer 2 at Microsoft, Ms. Gauri Toshniwal, Data Analyst at Findability Sciences, and Mr. Tanmay Choudhari, Former Risk Analyst Intern at American Express.

Coding Contest by Codechef Chapter

The Code Chef RCOEM Chapter organized a coding contest, Code Aaj Kal 3.0, on the 14th and 15th of April 2022. The contest was a long format contest containing 13 programming questions ranging from medium to hard level. The competition had a lengthy format and consisted of thirteen programming questions that ranged in difficulty from moderate to difficult. The contest was attended by around 500+ participants from across the globe. Total submissions made by all the participants amounted to 2507. The Codechef Chapter collaborated with Newton School and O(1) Coding Club, who provided goodies and internship opportunities to the winners. Ajay Singh of BTKIT, Dwarahat won first place, followed by Maharshivishnu Chavda of NIT, Trichy in second place, and Rohit Sarkar of STCET, Kolkata in third place. Mihir Choudhary, Bharat Thakur, and Ved Agrawal were the top three performers from RCOEM.

Faculty Development Program on "Blockchain and its Applications"

The Department of Computer Science and Engineering organized a Faculty Development Program on "Blockchain and its Application" from 13th to 17th June 2022 via Online Mode. The inaugural session witnessed the presence of Chief Guest Mr. Ravikant Agrwal, VP-Strategy Polygon Technology, Bangalore, Dr. Avinash Agrawal, Coordinator & Head, CSE, Prof. Abhijeet Raipurkar, Co-coordinator, all the organizing committee members, all faculty members and around 60 participants. In his welcome note, Dr. Avinash Agrawal enlightened about the significance of the Blockchain technology with respect to education and industry, also emphasized on the main objective of the FDP in his welcome note. He also motivated the participants to take active participation and make the most of it. Mr. Ravikant Agrwal, VP-Strategy Polygon Technology, Bangalore talked about the concept of Blockchain and its various components during his wonderful session.

Details of the resource persons are as mentioned below:

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1	**Mr. Ravikant Agrwal** VP-Strategy Polygon Technology, Bangalore	Inaugural Session on Blockchain Technology
2	**Mr. Neil Kevin Martis** Co-founder & Project Lead, CrossForge Solutions Pvt Ltd (LegitDoc) - Bangalore	Gadchiroli Caste Certificate implementation use case & Gadchiroli citizen identify management system Blockchain Opportunities in Indian Scenario
3	**Dr. Mayank Aggarwal** HOD, CSE, Gurukul Kangri University, Haridwar & NPTEL, Blockchain Course Coordinator	Introduction to Blockchain, Blockchain Basics, Blockchain Platforms, Use Cases, Blockchain Mechanics, Consensus Algorithm Public and Private Blockchain
4	**Mr. Sugam Bhatnagar** Senior Software Application Developer, Accenture	Ethereum Blockchain in detail & Decentralized Applications & Decentralized storage
5	**Prof. Abhijeet Raipurkar** Assistant Professor, CSE, RCOEM	Discussion and Hands on Session
6	**Mr. Rishikesh Kale** Blockchain Developer at X-Enabler, Pune	Introduction to Smart Contracts and its Use Cases & Hands on Session on Smart Contracts, Hands on Session
7	**Mrs. Nikita Kotme** Blockchain Developer, Kiwi Technologies, Noida	Introduction to ERC Standards, ERC20, ERC721, ERC1155 & Hands on Session on building your own cryptocurrency

The overall sessions equally emphasized the discussions of the concepts as well as their hands-on implementations using many popular tools and websites like https://rinkebyfaucet.com/, https://remix-project.org/, Metamask, Remix IDE, Polygon Faucet and many more. On the very last day, participants appeared for a quiz for the successful completion of the FDP. Overall feedback from the participants was satisfactory and informative.