Google Developer Groups (GDG) on Campus, RBU Chapter

Event Summary

SESSION: 2024-25

Event-1: Step Towards Competitive Programming 2.0

Google Developer Groups (GDG) on Campus organized a workshop "Step Towards Competitive Programming 2.0" on 2nd and 3rd of September 2024 (in 4 sessions), for first-year B.Tech students of RBU. The workshop was conducted by the GDG student members introduce the first-year students to the exciting world of competitive programming. This event focused on building a strong foundation in problem-solving and programming skills, while also familiarizing participants with various competitive programming (CP) platforms. A total of 578 students participated in the event.

Participants during the event Step Towards Competitive Programming 2.0

Event-2: Bappa Ka prasad 4.0

In the spirit of auspicious occasion of Ganesh Chaturthi, "Bappa Ka Prashad 4.0" an online global competitive programming content was organized by Google Developer Groups (GDG) on Campus. The event aimed to distribute the Prasad of coding knowledge and ignite the spirit of competitive programming among participants worldwide. This remarkable event took place on the prestigious Codeforces platform on the 15th of September, 2024, with a

total 376 participants. The Top three scorers were from IIIT Allahabad, SRM University and Charusat Univ. Students from RCOEM also excelled in the competition. Prathamesh Kurve from Final year CSE secured the 5th Global rank.

Event-3: Code for Campus

The GDG on Campus RBU Chapter, in collaboration with NSS RBU, hosted a dynamic and impactful hackathon aimed at solving pressing problems in the fields of Academic and Learning Support, Health and Well-being, and Community and Campus Engagement on 28th September 2024. The event brought together teams of four participants to collaborate, ideate, and build innovative solutions. In Indeation, the first Phase 1 of the hackathon, teams were tasked with brainstorming and conceptualizing innovative ideas that addressed one of the focus areas. Each team presented their concept, aiming to create real-world solutions that could positively impact their communities. Then project building was targeted. This stage tested their ability to work under pressure and collaborate effectively as a team. Total 13 Participants were benefited from this event.

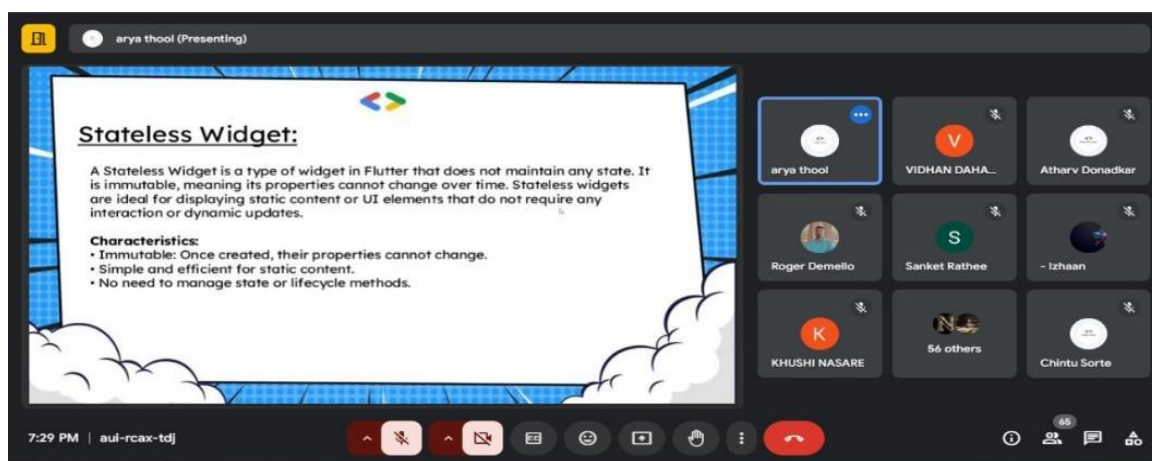Participants interacting during the event- Code for Campus

Event-4: GenAI Study Jams

The GenAI Study Jams, was conducted by GDG on Campus RBU from 11th October to 16th November, provided an exceptional platform for students to embark on their journey into Generative AI technologies. The event focused on introducing participants to Google's Generative AI ecosystem through engaging, hands-on sessions. By the end of the Study Jams, attendees had acquired valuable expertise in Google Cloud and Generative AI, equipping

them to take their AI journey to the next level. The GenAI Study Jams turned out to be a great success, with 113 participants eager to learn about Generative AI.

Event-5: Tech Winter Break

Tech Winter Break, an intra-college workshop on Web development and App development was organized on 8/12/2024 and 12/12/2024. It was an online event with about 230 participants. Both sessions were conducted online via Google Meet and Discord, providing an accessible and interactive learning environment. Throughout the event, participants could clarify their doubts, interact with mentors, and collaborate with peers, making it a highly engaging experience.

Online workshop on Web and App Development

Event-6: Devfest

Devfest 2024, Google's annual event was hosted at Tuli International Nagpur, on 21st December 2024. GDG On Campus RBU proudly served as community partners, further strengthening the collaborative spirit of DevFest Nagpur 2024. The event involved knowledge exchange, networking, and hands-on learning about Google technologies.

Participants during Devfest2024

Event-7: Spidercraft

Spidercraft, a fun filled technical competition was organized by GDG on Campus, RBU chapter, under the national level technical symposium- POLARIS-25 on 16/01/2025. This event featured four rounds- Aptitude, Image guessing, competitive programming and a fun game. A total of 76 teams (228 students) participated in the event. Khili Sharma and Ayan Sheikh from Ist year, BCA, RBU bagged the first prize.

Participants during the event Spidercraft

Event-8: Explore

GDG on Campus, RBU Chapter, organized an intra-college workshop on 07/03/2025 to educate, inspire, and facilitate meaningful connections among attendees by providing them with foundational insights and practical perspectives on emerging technologies. An overview of Machine Learning, App Development, Competitive Programming, Web Development and Cloud Computing were given by the GDG committee members. A total of 93 students attended the event.

Partipants during the workshop- Explore

Event-9: Webwizards

GDG on Campus, RBU Chapter, organized an intra-college workshop named Web Wizard 3.0 on 05/04/2025. Web Wizard 3.0 marked the third edition of our flagship web development series, designed to take participants from the basics to advanced level in web designing. With the theme of empowering budding developers to unleash their inner web wizard, the event saw enthusiastic participation from students and developers alike. A total of 93 students participated in the workshop.

Workshop on Website Building

Event-1: Google Developer Student Club- Club Orientation

Google Developer Student Club (GDSC), RCOEM, conducted its 2 days Orientation Programme on 31/08/2023 and 01/09/2023. Students were briefed about the GDSC club, its activities, benefits, etc. A total of 151 students attended this event. The GDSC is lead by Ms. Jaya Singh, GDSC, student lead, IIIrd year, CSE, RCOEM and guided by Faculty Adviser, Dr. Khushboo Khurana, Assistant Professor, CSE, RCOEM. The programme ignited a wave of interest among students looking to join the GDSC community and align with the mission of the club.

Club Orientation lead by Jaya Singh, GDSC, student lead, IIIrd year, CSE, RCOEM

Event-2: Google Cloud Study Jam 2023

The Google Cloud Study Jam 2023, was organized by Google Developer Student Club (GDSC) from 3rd October to 30th October 2023. It was comprehensive workshop on fundamentals of Google Cloud. The event, which commenced with an offline session on October 7, 2023, provided attendees with the opportunity to earn credit points for access to hands-on labs, a key component of the study jam. Further sessions were online and study material was provide by Google. Apart from this, participants were grouped into project teams, allowing participants to apply their newfound knowledge in real-world scenarios. In a significant achievement, RCOEM attained Tier 1 status as more than 80 students successfully completed the given track, underscoring the effectiveness and engagement of the program.

Participants attending the offline session of Google Study Jam-2023

Event-3: Bappa Ka Prashad 3.0

Google Developer Student Club (GDSC), CSE, RCOEM organized an International Level online competitive programming contest "Bappa Ka Prashad 3.0" a Google flagship event on 24/09/2023. It was conducted on the CodeChef platform. The contest received participation from 30+ colleges in India including various IITs and NITs. The contest even attracted international participation from countries like Japan, Bangladesh, Pakistan, etc. A total 1125 students participated in the event.

Event-4: Devfest 2023

Devfest2023 was hosted by IIM Nagpur on 30/12/2023. GDSC RCOEM served as the community partner. The event had five eminent speakers who gave hands-on learning on various Google technologies.

Event-5: Product 101-Crafting Standout Products from Ideas

Google Developer Student Club (GDSC), RCOEM, hosted the event "Product 101 - Crafting standout Products from Ideas," on 18th November 2023, offering participants a deep dive into the intricacies of the Product Development Lifecycle. The event provided a comprehensive journey from the inception of an idea to product design and eventual launch, with insights delivered by esteemed industry experts. One of the distinguished speakers, One of the distinguished speakers, Mr. Saish Adlak, Product Designer, GrowthX, Founding member, wrky.ai, a renowned creative mind, unveiled the secrets of design brilliance. Mr. Tejas Tapas, Product Manager, Bhanzu, a seasoned Product Management Expert, shared his journey from a Software Development Engineer (SDE) to spearheading initiatives like #LetsFightBack, supporting those navigating through layoffs. "Product 101" successfully bridged the gap between theory and practice, offering a platform for participants to explore, learn, and envision their roles in the exciting realm of product innovation. A total of 115 Participants attended the session.

Mr. Saish Adlak, Product Designer, GrowthX, Founding member, wrky.ai, Sharing his thoughts

Team GDSC with the Experts.

Event-6: Dexter's Laboratory

Google Developer Student Club (GDSC), RCOEM organized an event "Dexter's Laboratory" as a part of Polaris 2024, addressing aptitude test and coding challenges on 29th January, 2024. The event aimed to engage participants in various activities, including prompt engineering, coding challenges, and aptitude tests, inspired by the famous animated series, Dexter's Laboratory. With different rounds and challenges, the event promised fun and intellectual stimulation for all involved. A total of 112 students participated in the event.

Participants during the event

Event-7: FlutterVerse

On 17th January, 2024, the GDSC RCOEM chapter organized an engaging event titled "FlutterVerse - The Chronicles of Flutter." The event aimed to delve into the essentials of Flutter and guide participants in crafting exciting portfolios. The event commenced with Ms.Jaya Singh, the GDSC Lead, providing valuable insights about the chapter and sharing key points regarding the Google Solution Challenge 2024. This introduction created a backdrop for the main event, generating enthusiasm among the participants. During the hands-on session, participants had the opportunity to build their personalized portfolios. This practical exercise not only allowed them to apply the concepts learned but also provided valuable insights into mobile app development. The step-by-step guidance ensured that even

those new to Flutter could actively participate and gain a deeper understanding of the platform. A total of 154 students were benefited by the workshop.

Participants during the event- Flutter Verse (A workshop on Flutter)

Event-8: WebWiz2.0

Google Developers Students Club, RCOEM chapter organized WebWiz 2.0, a week-long workshop with hands-on sessions (27/03/2024 to 03/02/2024) aimed at providing participants with an immersive experience in web development. Participants were paired with mentors, ensuring personalized guidance throughout the event. To cater to varying levels of expertise, participants were categorized based on their prior knowledge. Those with previous experience were provided targeted instruction on advanced topics such as Next.js and Tailwind CSS, allowing them to deepen their understanding and skills in specific areas of web development. A total of 100 students participated in the workshop. The workshop was followed by WebCraft: The Website Making Competition at Web Wizards 2.0!

Participants during the event- WebWiz2.0 (A workshop on Web development and website making competition)

Event-9: AI study Jams

Google Developer Student Club (GDSC) of Shri Ramdeobaba College of Engineering and Management (RCOEM), organized Gen AI Study Jams 2024 from 06/05/2024 to 31/05/2024 offering participants a comprehensive journey into the fundamentals of Google Cloud and make the use of generative ai. A total of 275 students participated in the event.

Event-1: A step towards competitive programming

Google Developer Student Club (GDSC), CSE, RCOEM organized an offline event "A Step towards Competitive Programming" from 19th August 2022 to 3rd September 2022 for 1st year students of RCOEM. An offline session was conducted on 19th and 20th August to explain the importance of competitive programming. The students were allocated a task to be completed within 2 weeks. Doubt solving session was conducted on 27th August 2022. The event's primary objective of the event was to instill the importance of competitive programming practices among beginners. The participants gained first-hand experience with C and C++ programming techniques. They also gained insights into various competitive programming events and platforms. The team also created a leaderboard for the students to monitor their progress and track their competitions. The event concluded on 3rd with many positive feedbacks. About 349 students participated in the event and were benefited.

Offline session conducted to explain the importance of competitive programming

Event-2: Bappa Ka Prashad 2.0

Google Developer Student Club (GDSC), CSE, RCOEM organized an International Level online Coding contest "Bappa Ka Prashad 2.0" a Google flagship event on Monday, September 5th 2022. It was organized on the CodeChef platform. The contest received participation from 30+ colleges in India including various IITs and NITs. The contest even attracted international participation from countries like China, Japan, Bangladesh, Canada, etc. GDSC RCOEM partnered with the CodeChef as the platform partner and GFG FET as sponsors. A total 864 students participated in the event.

Event-3: Club Orientation

GDSC, RCOEM organized club orientation on 7/09/2022 for students of RCOEM. The students were explained about the benefits of joining GDSC club as team members and also about various events that the club organized throught the year, that may be beneficial for students to participate.

Event-4: Wreck-It-Retro

A fun-filled event Wreck-It-Retro was conducted by GDSC, RCOEM on 02/12/2022 and 03/12/2022. Participants had to solve quizzes and write codes to move ahead in the game. It was a technical event followed by Auction of goodies using the accumulated points.

Event-5: Google Cloud Practitioner

Flagship event of Google, Google Cloud Practitioner training was conducted from 14/11/2022 to 14/01/2023. This traing is online offered by GDSC, India where students have access to Google cloud related study material and have to pass all the labs. Offline sessions were also conducted to help students familazire with the google cloud platform .

Event-6: Explore

Explore, a two-days workshop was organized by GDSC, RCOEM on 10/02/2023 and 11/02/2023. Topics like Web Development, Graphics design, Application Development and machine learning were explored by the students in the workshop. A total of 260 participants were benefited from the workshop.

Event-7: Web-Wizards

A session on web development was organized by GDSC, RCOEM from 12/05/2023 to 21/05/2023, focusing on three key points: Front-end Deveopment, Networking and GitHub. The event amined to equip participants with essential skills and knowledge in these areas.

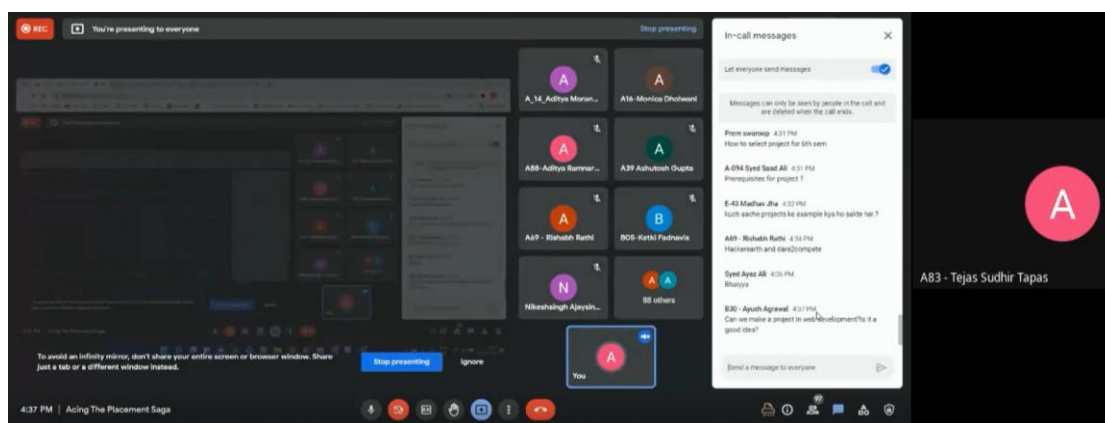**Event-1: Competitive Coding Contest: Bappa ka Prasad (on CodeChef)**

Google Developer Student Club, RCOEM, organized an International coding competition "Bappa ka Prasad" on 18/9/2021. A total of 532 participants from various countries like India, Bangladesh, Morocco, Japan and UAE participated in the event. Masahiro Inoue from Japan secured the 1st Rank globally. The 2nd rank was bagged by Abhishek Angale from RCOEM and Aniket Shukla of LNMIIT secured the 3rd position.

Event-2: 30 Days of Google Cloud Program

Google Developer Student Club, RCOEM, organized a 30 days workshop on cloud computing from 27th September, 2021 to 27th October, 2021. The main aim of the program was to allow students to kickstart their career in cloud and get hands-on practice on Google Cloud. It included discussion on Computing, Application Development, Big Data & Machine Learning using Google Cloud's training platform called Google Cloud Skills Boost. A total of 351 students attended the workshop.

Event-3: ACING THE PLACEMENT SAGA

Google Developer Student Club, RCOEM, organized an online event "Acing the placement Saga" on 8th November 2021, to guide and address the doubts of students of RCOEM related to placements. In total 145 students from RCOEM participated in the event and took advantage of the placement experiences of the senior students. This event was conducted by the final year students of CSE department, including Tejas Sudhir Tapas, Yash Agrawal, Atul Thakre, Rishabh Rathi, Monica Dholwani, Nikesh Singh Baghel, Aditya Sharma, Ritul Deshmukh, Ketki Fadnavis, Ashutosh Gupta, Jereen Valsson, Pratik Gupta and Aditya Morankar. These students have obtained placements in big MNC's and unicorn startups like Amazon, VmWare, Fivetran, ULA, Sahaj, Persistent, ZS Associates, Accenture, Cognizant, Infosys, Capgemini, etc. About 80 questions, which were collected from students, were addressed in this session.

Mr. Tejas Tapas, Final Year student and GDSC Team Lead, Addressing the students' doubts regarding placements.
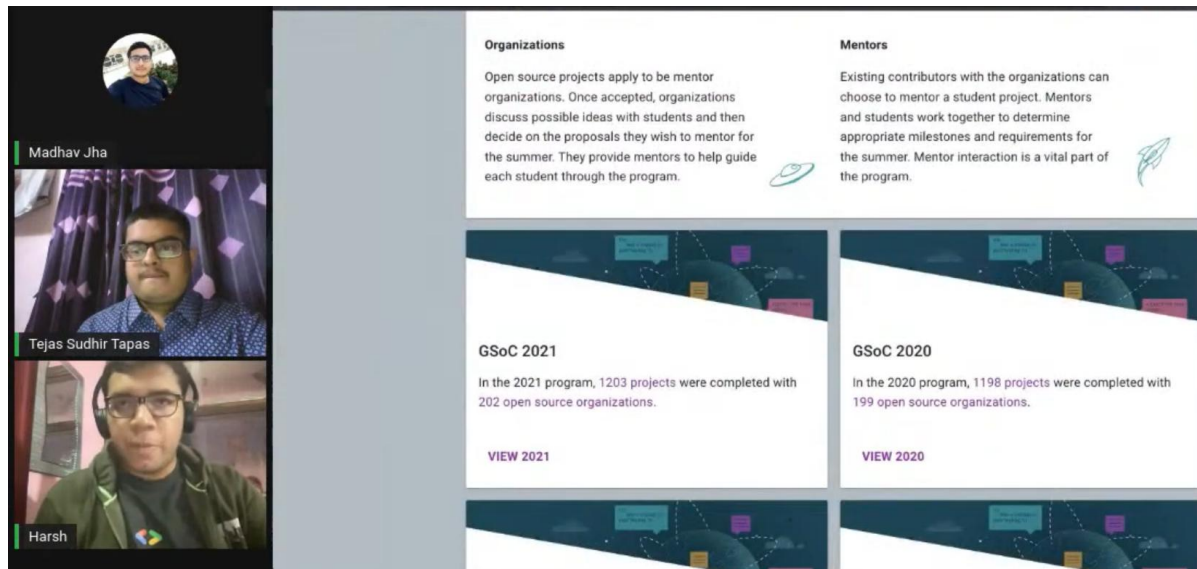
Event-4: A Walk through GSoC and Open Source

A National-level online event "A Walk through GSoC and Open Source" was organized by Google DSC RCOEM Chapter on the topic Google Summer of Code(GSoC'21) on 27th November 2021. This event helped the students to get a clear and precise idea about

Google Summer of Code, how to participate and what it consists of. Students were also briefed about Open Source tools and their uses.

GSoC is an annual global program, conducted by Google, to promote open-source development. Mr. Harsh Bardhan Mishra, a Final year CSE student was the speaker for the event. He is a full-time software developer ad has been a contributor at MetaCall in GSoC'21 and Moja global in GSoD'21.

The main aim of the session was to make everyone present in the session aware of GSoC and motivate them to take part in the upcoming GSoC 2022. A total of 535 students from 30 different colleges from India participated in the 1.5 hours long event.

Harsh Bardhan Mishra, a Final year CSE student, Tejas Tapas, Final Year student, and GDSC Team Lead, addressing about GSoC.

Event-5: Android Jams

An online event "Android Jams" was organized under Google DSC RCOEM Chapter from 29th November, 2021 to 16th January, 2022. It was a comprehensive workshop on Android Development and provided hands-on practice on Android framework and Kotlin programming language. It also included project development at the end. 214 Students attended the workshop.

Event-6: The Marvelous Treasure Hunt

The Marvellous Hunt was conducted on 27th January, 2:00 PM to 4:00 PM. It was an online treasure hunt event was conducted under POLARIS-2k22. The event was hosted online on the website: https://gdsc-treasure-hunt.herokuapp.com/. It comprised of solving unique combination of riddles, crosswords, social media tasks, coding activities and much more by the participating teams. A total of 185 teams (450 students) from about 32 colleges across nation participated the event. All the questions to acquire the treasure were technical questions leading to ques for the next level.

Event-7: 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

Event-8: 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.

Workshop presentation by expert   Panel discussion in session-2