



SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

AN AUTONOMOUS INSTITUTION

April 2023

Annual Report 2022-23

GDSC SMVEC

2022 - 2023

Submitted To

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Submitted By,

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Preface

The Google Developer Groups (GDG) Club of the Department of Artificial Intelligence and Data Science, Sri Manakula Vinayagar Engineering College, serves as a vibrant platform dedicated to fostering innovation, technical excellence, and collaborative learning among students. The club is established with the objective of bridging the gap between academic knowledge and real-world technological applications by promoting learning in cutting-edge domains such as Artificial Intelligence, Data Science, Cloud Computing, Web and Mobile Development, and emerging Google technologies.

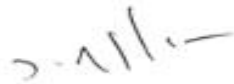
The GDG Club actively encourages students to enhance their technical skills through workshops, hands-on training sessions, hackathons, technical talks, coding events, and industry expert interactions. By providing opportunities for practical exposure and peer-to-peer learning, the club aims to cultivate creativity, problem-solving abilities, and a strong developer mindset among students. The initiatives of the club focus on empowering students to build innovative solutions that address real-world challenges using modern technologies.

The successful functioning of the club is driven by a committed team of office bearers, including the Lead, Co-Lead, Technical Heads, and core team members, who work collaboratively to plan, organize, and execute various technical and community-driven activities. Their leadership and dedication play a significant role in creating an inclusive and growth-oriented learning environment.

Through continuous learning, knowledge sharing, and industry-aligned initiatives, the GDG Club strives to nurture skilled developers, responsible innovators, and future technology leaders. The club remains committed to contributing to the academic excellence, technological advancement, and professional development of students within the institution.



Faculty Coordinator
R.RAJAN



HoD/AIDS
Dr.J. Madhusudanan



IQAC Coordinator
Dr. Arivalagar A A



Director Cum Principal
Dr.V.S.K.Venkatachalapathy

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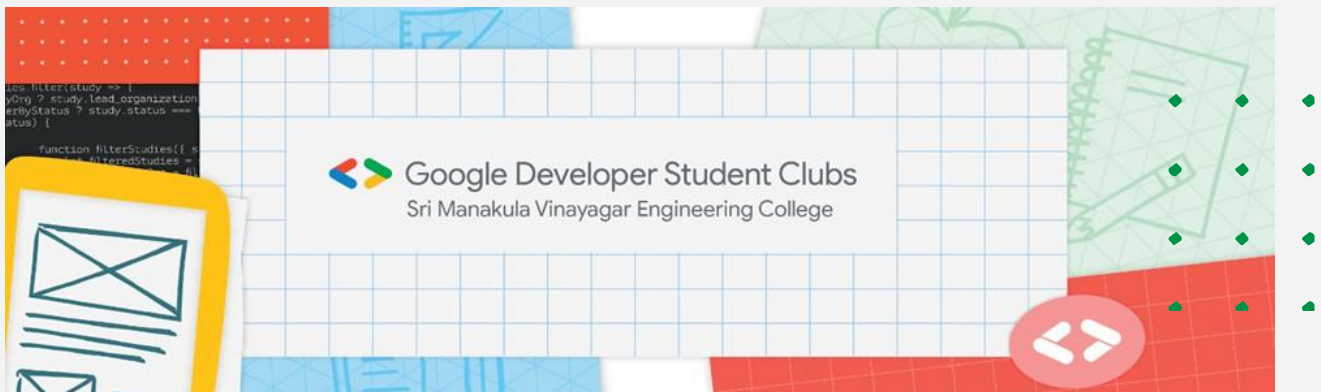
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Induction Session

The induction session of the Google Developer Students club happened on the 8th of September. The main purpose of the event was to give students an understanding of the importance of GDSC and how it could help students in improving their skill sets through various workshops, webinars, and courses provided by Google.

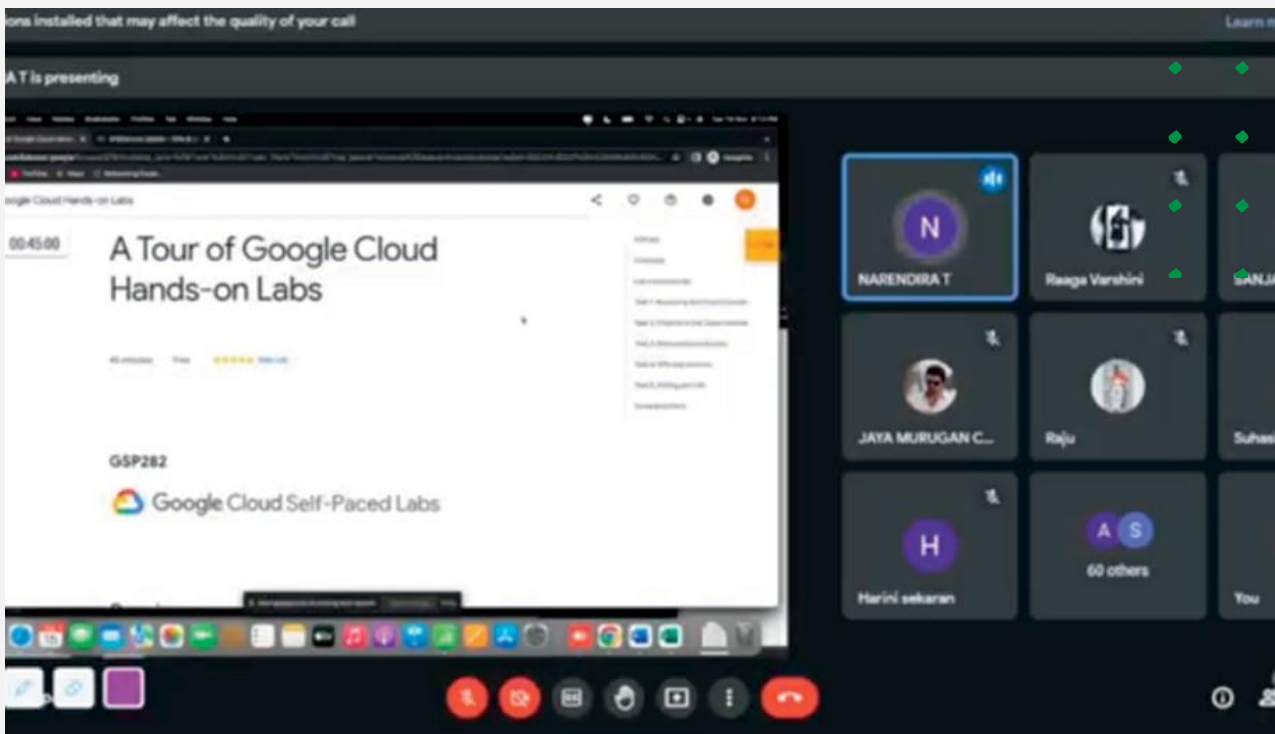


The event included an introductory talk by the current GDSC lead, M.D.Jayachandran, followed by a talk by ex – GDSC lead, David, explaining the various exposures and connections we would be able to build by actively engaging in GDSC related activities. We also had different tech facilitators, explaining the various tech stacks that would be part of the GDSC program and a short description of that technology. Some of the tech stacks included, Kotlin, Google Cloud, Flutter, TensorFlow etc. The event concluded with an address by our faculty advisor, Dr.J. Madhusudanan, encouraging the students to provide cooperation by actively participating in future events.

Induction Session



GCCP Kickstart



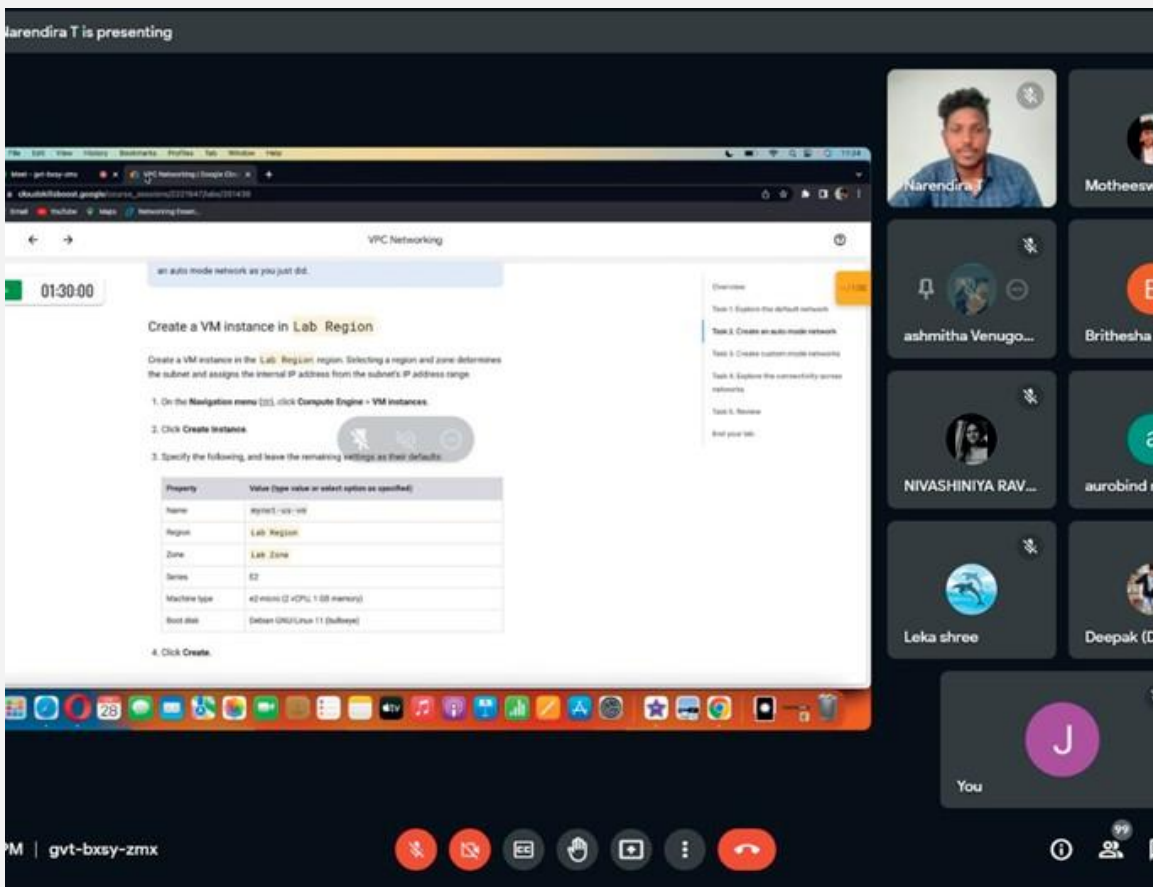
As part of the Google Developer Students club SMVEC, the Google Cloud Career Practitioner Program was kickstarted on 15th of November by Narendra T , who was the facilitator for the program. The students were given an introduction about the program and were briefed about the different phases involved in the program. The facilitator gave them an idea about the tasks they must be doing as part of the week 1 phase. The session was quite interactive with the students actively resolving their doubts regarding the program

Cloud Career Practitioner Program



As part of the Google Developer Students Club, a hands-on session for the Google Cloud Career Practitioner Program was conducted on the 24th of November in the conference hall of the admin block between 10 am and 12.30 pm. The event was handled by Narendra T, facilitator of the GCCP program. The main intention of the event was to give students an idea of the Cloud fundamentals and a hands-on experience with the GCCP pathways.

Cloud Career Practitioner Program



An online session for week 3 task completion of the Google Cloud Career Practitioner program was conducted on 2nd of December. The students were briefed about the week 3 tasks and their doubts were resolved by the facilitator.

Cloud Career Practitioner Program



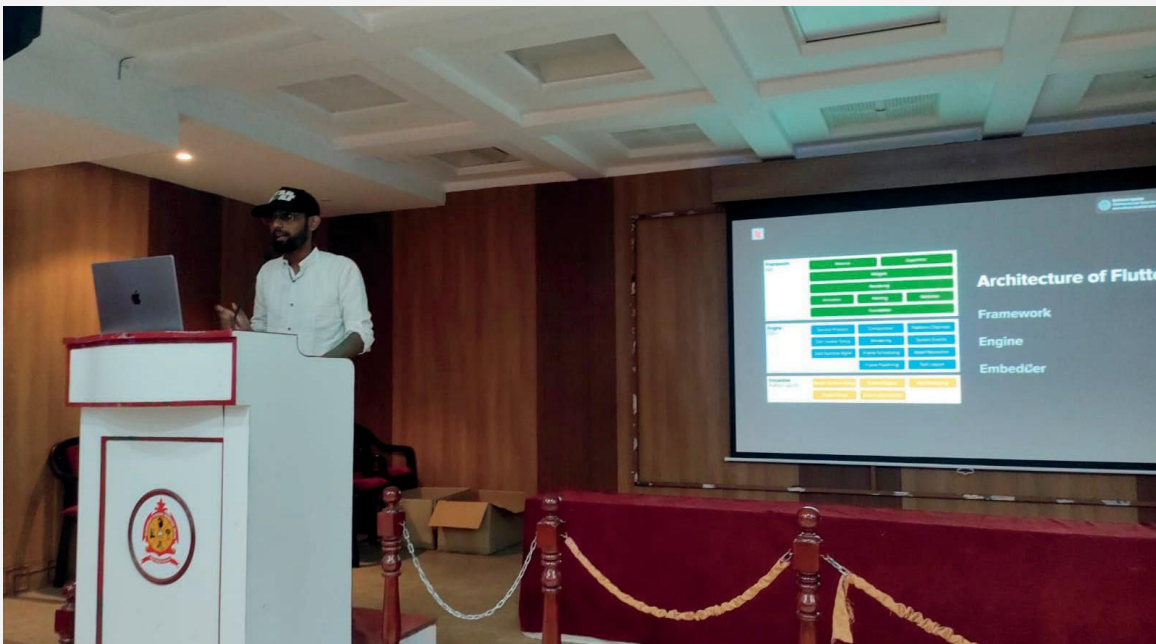
As part of the Google Developer Students Club, a synergic doubt clarification session for the Google Cloud Career Practitioner Program was conducted on the 15th of December. It was a completely in-person event where the students were able to clarify their doubts directly from the facilitator. The students were directed to complete their week 4 tasks. Doubts regarding the week 4 activities were actively resolved thereby enabling the students to develop a good understanding of the concepts.

Solution Challenge Info Session 2023



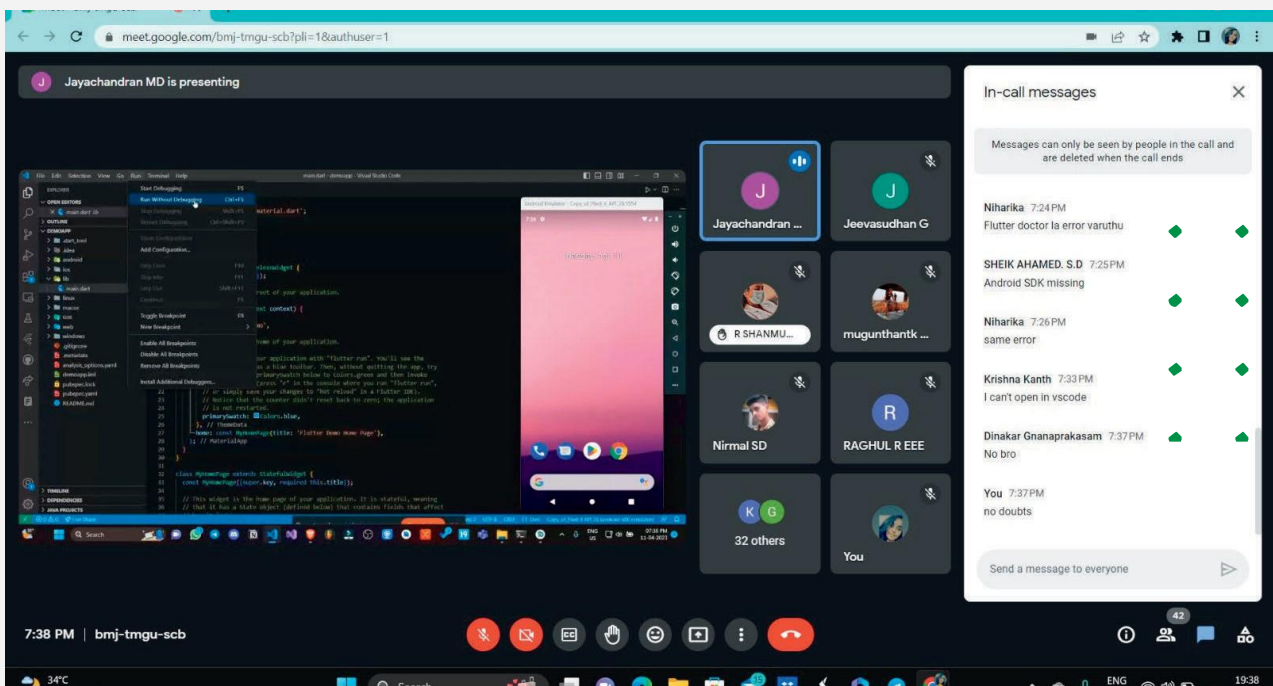
An Info Session on Google's Solution Challenge was conducted to help students get their innovative ideas out of their minds to implement a real-world practical application. The session included a brief introduction about the 2023 Google Solution Challenge followed by a Q&A session for the students to resolve their queries

Flutter Forward Extended GDSC SMVEC



The first ever Flutter event of GDSC SMVEC was conducted on the 3rd of April. It was an offline event with a count of 150 + participants. Mr. Vetrichelvan B, an alumini of ours and a Software Developer in Lyric was invited to be the speaker for the session. The session included an introduction to the flutter framework, basics of flutter, scope and future of flutter and a live demo of a simple functional application across different platforms. The event ended with a Q&A session where students clarified all their doubts.

Flutter Forward Extended 2 GDSC SMVEC



In continuation to the Flutter Forward Extended , an online session was conducted that included demonstration of the Flutter SDK installation and development of a simple android application using the Flutter Framework. The session was handled by Jayachandran M D , who is the GDSC lead of the campus the Flutter team lead at Cloud Counselage Private Limited. The students clarified the doubts they had during the installation process and the conceptual doubts in the application that was developed live during the session.

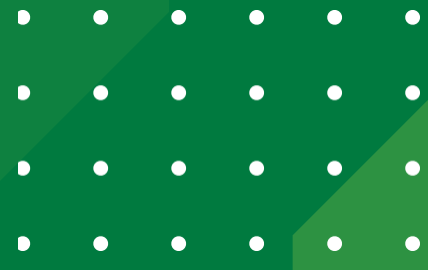
Introduction to Web Development



The first event of the GDSC Web Campaign was conducted on the 13th of April. The session was handled by Amirtha Krishnan who is the Tech Lead of GDSC SMVEC. The session included a comprehensive explanation of Web development and its various aspects, including the fascinating history of the World Wide Web, essential web development terminology like HTML, CSS, and JavaScript. The students actively participated in the session and clarified all their doubts regarding Web development



Thank you



GDSC SMVEC

