

A REPORT ON

Crack the Code: Winning Strategies for Google Solutions Challenge 2025

Date: 09th January 2025
Mode: Online



Crack the Code:

Winning Strategies for 2025

Introduction:

Crack the Code: Winning Strategies for Google Solutions Challenge 2025, presented by IEEE SIGHT Gujarat Section, Silver Oak University IEEE Student Branch, Silver Oak University IEEE SIGHT Student Branch Group and Google Developer Groups on Campus at Silver Oak University provided an insightful overview of the competition. The session highlighted key aspects such as participation criteria, sustainable goals, project development using Google technologies, evaluation criteria and submission requirements.

About the speakers:

Ms. Sanika Chavan, a top 3 finalist from a previous Google Solutions Challenge, brought valuable experience and insights to the session. As the Project Lead at Spoon Share, she shared her expertise in managing impactful initiatives, further motivating participants to pursue their goals with confidence and creativity.

About the sessions:

Date: 09th January 2025

Mode: ONLINE

Time: 07:30 P.M. - 09:30 P.M.

Participants: 68

Ms. Sanika Chavan began by detailing the roadmap for the competition. She explained that the competition is open to individuals enrolled in universities, with each team consisting of 2-4 members. The session emphasized the importance of aligning projects with the Sustainable Development Goals. Participants were encouraged to select at least three goals to address in their project statements. The speaker highlighted goals related to responsible consumption, climate action and health, explaining how focusing on these goals can help develop impactful and sustainable solutions. Participants were advised to thoroughly analyse their chosen goals to ensure their projects are innovative and contribute positively to global challenges.

Participants were introduced to various Google technologies, including TensorFlow for machine learning, Google Cloud for scalable solutions, Firebase for real-time database management, Progressive Web Apps for responsive web development and Android and Flutter for mobile app development. Ms. Chavan stressed the importance of leveraging these tools to enhance project efficiency and reach. The evaluation criteria were explained in detail, focusing on innovation, impact, feasibility and the effective use of Google technologies, using her project "SpoonShare" as an example.

The session also highlighted the benefits of participating in the challenge, such as mentorship from industry experts, official certifications, career fairs and exclusive swag for the top 10 teams. The event concludes with a live Demo Day, where participants present their projects to judges and an audience. Prizes for top teams include mentorship, career resources and exclusive swag. Ms. Sanika Chavan provided advice on forming successful teams, emphasizing the importance of diverse skills and perspectives. She encouraged effective collaboration and aligning team goals with project objectives.

She presented the demo of her project "SpoonShare" as an example, showcasing how it addressed food wastage by connecting surplus food providers with those in need. The project demonstrated real-time tracking, user collaboration and mentorship opportunities, aligning with multiple SDGs. The submission process was outlined in two phases: Phase 1 requires a PowerPoint presentation, a Git repository and a project video; Phase 2 focuses on developing a functional prototype; and the final step involves a comprehensive submission emphasizing Google technologies.

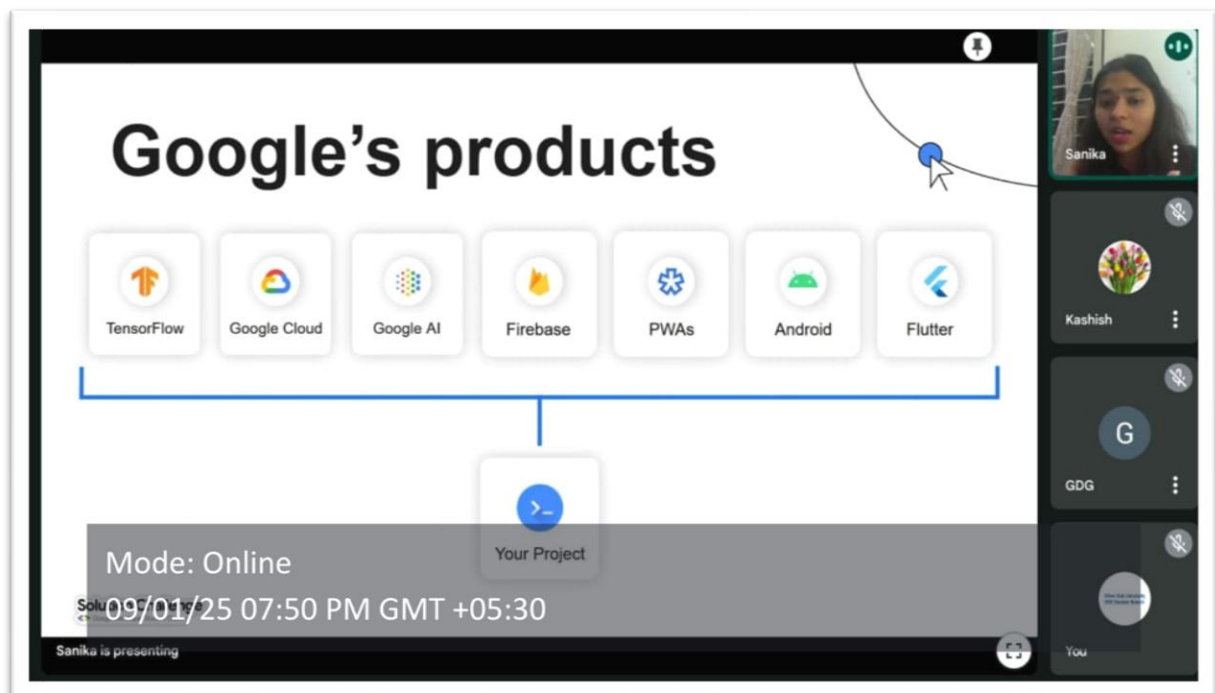
The session concluded with a Q&A segment where she addressed participant queries and provided additional insights. Her motivational journey and practical advice inspired attendees to innovate and strive for excellence. Ms. Sanika Chavan was presented with a virtual memento as a token of appreciation for her valuable contribution to the event.

Conclusion:

The session provided invaluable insights and guidance for participants, equipping them with the knowledge to approach the competition strategically. Ms. Sanika Chavan's presentation emphasized innovation, impact and SDG alignment, offering practical tips to enhance project quality and relevance. Participants gained a deeper understanding of the competition's evaluation criteria and submission process, helping them refine their ideas effectively. The session concluded on a motivational note, inspiring attendees to strive for excellence and make a meaningful impact.

The webinar's success is greatly attributed to the guidance and support of Dr. Satvik Khara, Dean, School of Technology, Design and Computer Application; Chairperson, SIGHT, IEEE Gujarat Section; Chairperson, Technical Committee, Computer Society, IEEE Gujarat Section; Founding Member, Silver Oak University IEEE Student Branch.

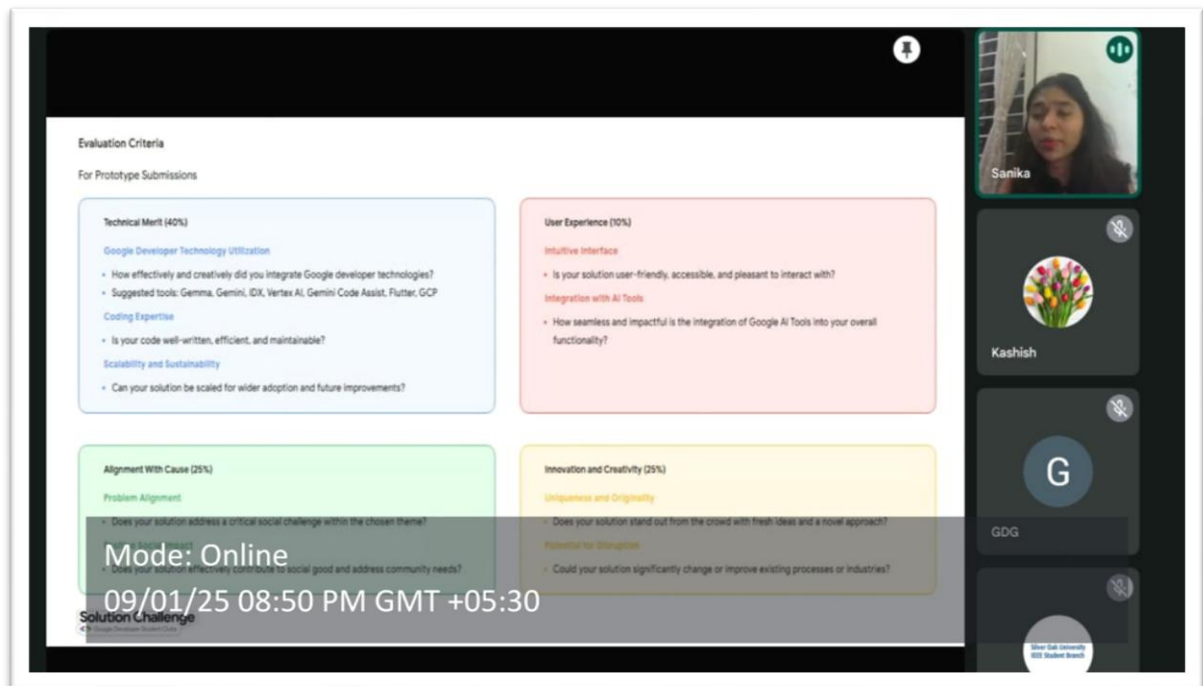
Some glimpses of the event:



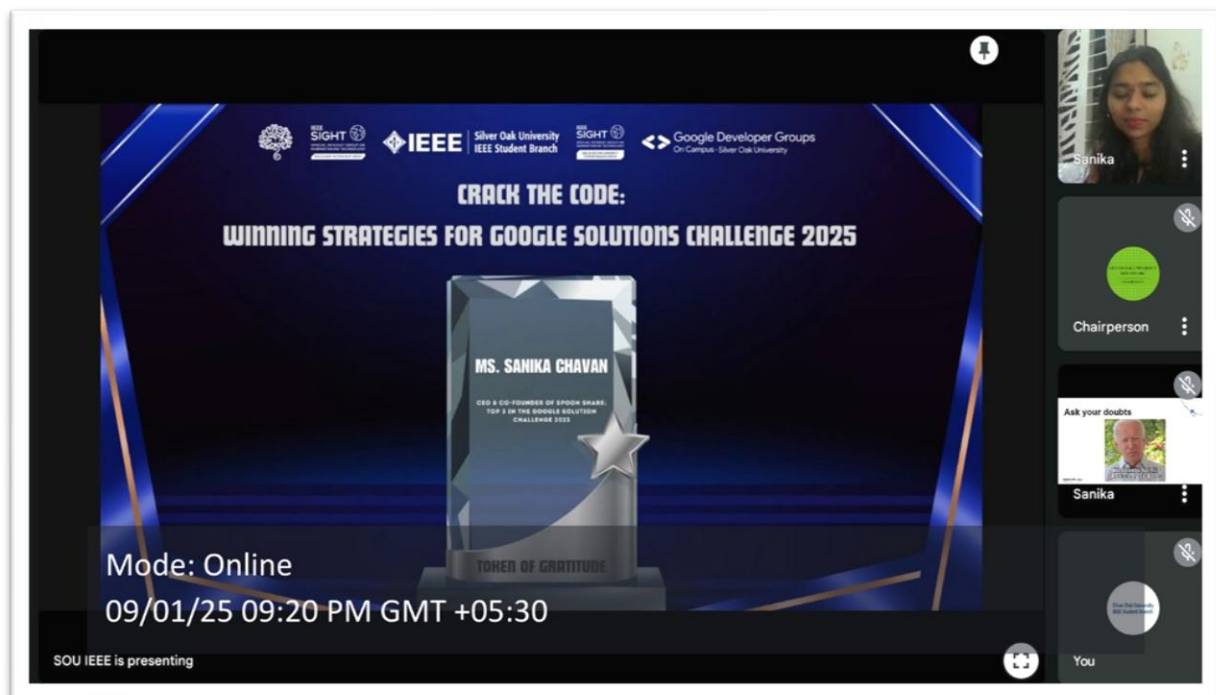
Ms. Sanika Chavan delivering an insightful explanation of Google products



The expert guiding on how to choose problem statement



The speaker explaining about the evaluation criteria of GSC 2025



Ms. Sanika Chavan being felicitated with Token of Gratitude