



● **Introduction:**

Welcome to **GDG on Campus: SNU Chapter** — a student-led community committed to fostering innovation, collaboration, and growth around Google technologies.

Our mission is to unite passionate individuals, enabling them to learn, build, and share knowledge through hands-on experiences, workshops, and collaborative projects. As a **non-profit, open-source initiative**, we are dedicated to cultivating a supportive, inclusive, and growth-oriented environment where students can enhance their technical expertise and contribute meaningfully to the developer ecosystem.

● **Mission:**

The mission of **GDG on Campus: SNU Chapter** is to foster a dynamic and future-oriented learning ecosystem that promotes experimentation, innovation, and exploration across emerging technologies. We are committed to developing strong problem-solving capabilities and technical proficiency through hands-on learning, mentorship, and collaborative engagement. By empowering students with in-depth knowledge of **Generative AI, data-driven systems, and digital transformation**, we aim to nurture **future-ready professionals** who drive meaningful impact and advancement within the global technology landscape.

● **Vision:**

The vision of **GDG on Campus: SNU Chapter** is to shape a future defined by intelligent innovation and the transformative power of **Generative AI**. We strive to empower learners to explore the boundless potential of technology while fostering a community that embodies **creativity, adaptability, and lifelong learning**. Through this, we aim to drive meaningful progress toward a **smarter, more connected, and technologically advanced world**.

● **Foundation Date:**

3/09/2021

● **Events Conducted:**

1. **GDG on Campus SNU Introductory Info Session**

Date: 26 September, 2025

Description: The introductory session marked the official launch of GDG on Campus at Sister Nivedita University. It familiarized students with the community's goals, structure, and upcoming initiatives, inspiring them to engage with Google technologies and collaborative learning.

2. **Qwiklabs Workshop: Cloud Study Jam**

Date: 20 September, 2021

Description:

A hands-on workshop where participants explored cloud computing concepts through Google Cloud Qwiklabs. The session helped students gain practical experience with Google Cloud Platform (GCP) services, fostering a deeper understanding of modern infrastructure, data management, and scalable application development.

3. **Meet n Greet: Community Interaction Session**

Date: 10 November, 2021

Description:

An informal networking session designed to connect new and existing members of the GDSC community. The event encouraged collaboration, idea exchange, and team-building activities — helping students build relationships and prepare for upcoming hackathons and collaborative projects.

4. DecHack: Hackathon Series 2021

Date: 13–20 December, 2021

Description:

A week-long hackathon that challenged participants to design innovative solutions across domains such as web development, cybersecurity, and open innovation.

- **Web Development Track:** Introduced students to modern frameworks and responsive design principles.
 - **Cybersecurity Track:** Focused on ethical hacking, data protection, and threat analysis. The hackathon concluded with an engaging closing ceremony featuring industry experts from **IBM**, who shared valuable insights on innovation and career readiness.
-

5. WOW vs Solution Challenge: Ideation & Design Sprint

Date: 15 February, 2022

Description:

An interactive session aligning with the **Google Solution Challenge**, guiding students to brainstorm ideas that address real-world problems using Google technologies. The event focused on the ideation phase, design thinking, and problem validation — preparing teams for participation in global innovation challenges.

6. Flutter Festival — Info Session

Date: 19 February 2022

Description:

An introductory session to kick off the Flutter Festival 2022. The session provided an overview of what Flutter is, upcoming events, and how students could get involved in building cross-platform applications using Flutter.

7. Flutter Festival SNU

Date: 14 February 2022 – 30 March

Description:

A hands-on learning program where students explored the fundamentals of Flutter, Firebase, and Dart. The festival encouraged participants to create innovative apps and enhance their mobile development skills.

8. Built with Firebase – Level 1: Starting with HTML

Date: 30 April 2022
Description: An introductory web development workshop focusing on HTML fundamentals, organized under the Firebase series. This session was designed for beginners to kickstart their journey in web development.

9. GDSC SNU 2022–2023 Roadmap

Date: 29 August 2022
Description:
A community meetup introducing the upcoming year's roadmap for GDSC SNU. The session focused on team introductions, goals, collaboration opportunities, and the learning path for the new session.

10. CryptData

Date: 13 September 2022
Description:
A collaborative cybersecurity session with GDSC SVCE. Topics included: Introduction to Cybersecurity & Cryptograph Google Dorking and web vulnerabilities

11. Happy Programmers' Day Celebration
Date: 13 September, 2022
Description:
An engaging celebration of *International Programmers' Day*, organized by GDSC SNU in collaboration with GDSC SVCE. The event highlighted the creativity and dedication of programmers worldwide, featuring fun coding activities, discussions, and trivia to honor the spirit of coding and innovation

12. Webinar on Introduction to Web Development (Powered by DigitalOcean)
Date: 20 November, 2022
Description:
A comprehensive online session introducing participants to the fundamentals of web development. Speakers included **Denislav Gavrilo** (Senior Engineer at DigitalOcean, Bulgaria) and **Anik Dutta** (Development Lead, GDSC SNU). The session covered essential web technologies, project structures, and modern development tools — helping students lay a strong foundation in web development.

13. Machine Learning & TensorFlow Bootcamp
Date: 15 July – 4 August, 2023

Description:

A multi-week intensive bootcamp powered by GDSC SNU in collaboration with **Skepsis Technical Committee**. The program guided participants through practical applications of **Machine Learning** and **TensorFlow**, featuring sessions from experienced mentors. Speakers included **Aan Patel** (Software Engineer at ShareFile), **Arka P. Chakraborty** (ML Lead, GDSC SNU), and **Archisman Ray** (Blockchain Mentor, Code8). The event empowered students to apply ML techniques in real-world projects.

14. GDSC SNU Inauguration Event

Date: 3 September, 2021

Description:

The official inauguration of GDSC Sister Nivedita University introduced students to the global GDSC program, its mission, and its opportunities for aspiring developers. The event emphasized community-driven learning and outlined the roadmap for the upcoming academic year. It served as a launchpad for innovation, connecting learners, mentors, and tech enthusiasts under one unified vision.

15. DSA Mastery for Placements – A Roadmap to Success

Date: 27 September 2023

Description: A technical session conducted by **Vivek Gupta (SWE at Google)** in collaboration with **AlgoZenith**. The event focused on mastering Data Structures and Algorithms to enhance placement readiness. Participants gained insights into problem-solving techniques, competitive programming, and effective DSA strategies for top tech companies.

16. Get Started with Intel oneAPI DevCloud

Date: 23 September 2023

Description: A technical workshop conducted by **Abhishek Nandy, Intel Certified oneAPI Instructor**. The session introduced participants to Intel's oneAPI DevCloud, offering hands-on experience in parallel computing, heterogeneous programming, and performance optimization using Intel tools.

17. OpenVINO Event

Date: 7 November 2023

Description: An in-person event hosted by **GDSC Sister Nivedita University**, led by **Abhishek Nandy**. The session provided an in-depth understanding of Intel's OpenVINO toolkit, focusing on AI model optimization and deployment for real-world applications. Attendees learned about accelerating deep learning inference across various hardware platforms.

-
18. **Solution** **Challenge** **2023–2024** **(Info** **Session)**
Date: 23 December 2023
Description: An informative session introducing Google’s **Solution Challenge 2024**, guiding students on how to build impactful projects aligned with the **UN Sustainable Development Goals (SDGs)**. The event aimed to help participants understand problem selection, team building, and project submission strategies.
-

19. **Cyber** **Security** **Session** **2023–2024**
Date: 3 January 2024
Description:
A hands-on cybersecurity session under the “Discover • Design • Develop” series. Hosted by **Vinit Lakra (Security Analyst at TMGSEC)** and **Daita Sur (GDSC SNU Cyber Security Lead)**, the workshop focused on developing a strong cybersecurity mindset, ethical hacking basics, and Android pentesting techniques.
-

20. **Solution** **Challenge** **2024** **Launch**
Date: 1 January 2024
Description:
A formal launch of **Google Solution Challenge 2024**, organized by **GDSC SNU**. The event encouraged students to participate globally, leveraging technology to solve real-world challenges through innovation and sustainable development goals.
-

21. **Android** **Session** **2023–2024**
Date: 14 January 2024
Description:
A technical workshop as part of the “Discover • Design • Develop” series, featuring **Pankaj Rai (Google Developer Expert in Android, Firebase, and ML)** and **Sanmay Das (GDSC SNU Android Development Team Lead)**. The session covered Android app development fundamentals, UI/UX design principles, and Firebase integration.
-

22. **GDSC** **SNU** **Orientation** **Session**
Date: 26 August, 2023
Description:
The Orientation Session marked the beginning of the new tenure for GDSC SNU, introducing students to the club’s vision, goals, and opportunities. The session focused on how GDSC empowers students through hands-on learning, community collaboration, and impactful projects.
-

23. **Speaker** **Session** **with** **Zeynep** **Sila** **Saglam**
Date: 26 August, 2023

Description:

A special talk featuring Zeynep Sila Saglam — Co-founder of GDSC Polish Japanese Academy of Technology, PM intern at Cisco, and organizer of GDG Warsaw. The session provided insights into leadership, global tech communities, and opportunities for aspiring developers.

24. Get Started with Intel oneAPI DevCloud

Date: 23 September, 2023

Description:

A technical workshop conducted by **Abhishek Nandy**, Intel Certified oneAPI Instructor. The event introduced participants to Intel's oneAPI DevCloud, covering hands-on learning about parallel computing, heterogeneous programming, and performance optimization using Intel tools.

25. DSA Mastery for Placements — A Roadmap to Success

Date: 27 September, 2023

Description:

An informative session led by **Vivek Gupta**, Software Engineer at Google, in collaboration with AlgoZenith. The event focused on mastering Data Structures and Algorithms (DSA) for placements, offering strategies, resources, and a roadmap to succeed in technical interviews.

26. Introduction to Web Development

Date: 19–24 February, 2024

Description:

A week-long beginner-friendly workshop that introduced participants to the fundamentals of front-end web development. The sessions covered **HTML**, **CSS**, and **basic JavaScript**, providing hands-on experience in building interactive and responsive websites.

27. Unraveling Google Summer of Code 2024

Date: 17 March, 2024

Description:

An online session led by **Soumyadip Mondal**, SDE II at Atlan and Ex-GDSC SNU Lead, focused on helping students understand the **Google Summer of Code (GSoC)** program. Participants gained insights into open-source contributions, proposal writing, and strategies for successful participation in GSoC 2024.

28. Introduction to Kubernetes

Date: 7 April, 2024
Description:
A collaborative session between **GDSC SNU** and **Cloud Native Community Group Hooghly**, featuring **Pratik Singh**, Senior Software Developer at Nasdaq. The workshop introduced participants to **Kubernetes** concepts, container orchestration, and real-world applications in cloud-native infrastructure.

29. Generative AI Study Jam

Date: 25 April, 2024
Description:
A hands-on study jam exploring **Generative AI** concepts and their real-world use cases. Participants learned how to build and experiment with GenAI models, gaining practical exposure to AI-driven innovation through guided sessions and projects.

30. The Last Run Together

Date: 18 September, 2024
Description:
The concluding event of **GDSC SNU's tenure**, "The Last Run Together" celebrated the community's journey with fun-filled activities and reflections. It marked the closure of the chapter's year with collaboration, nostalgia, and inspiration for future innovators.

31. Build with AI: Exploring Deep Learning & Generative AI

Date: 5 April, 2025
Description: A hands-on workshop designed to help students understand the core concepts of Deep Learning and Generative AI. The session encouraged participants to explore real-world AI applications and enhance their technical problem-solving skills.

32. Google Solution Challenge 2025: Doubt Clearing Session

Date: 5 February, 2025
Description: A focused support session guiding students through the Google Solution Challenge 2025. Participants gained clarity on project requirements, evaluation criteria, and strategies for developing impactful, solution-oriented projects.

33. Tech Winter Break

Date: 23 December, 2024
Description: A speaker session and tech talk conducted during the winter break, featuring discussions on Google technologies, developer best practices, and modern innovation trends to keep students engaged and industry-ready.

34. Build with AI (Bevy Virtual Conference)

Date: 8 November, 2024

Description: A virtual conference under the global Build with AI campaign, bringing together developers, students, and AI enthusiasts to explore the potential of AI in solving real-world challenges and advancing innovation.

-
- | | | | | | | | |
|-----|--|-----------|--------------|-------------|--------------|-------------|---------------|
| 35. | Gen | AI | Study | Jam: | Clear | Your | Doubts |
| | Date: | | 5 | | October, | | 2024 |
| | Description: An interactive info session addressing participant queries from the Gen AI Study Jam series. The session focused on conceptual clarity, project development tips, and AI learning pathways for students. | | | | | | |
-
- | | | | | | | | |
|-----|---|-----------|------------|-----------|--------------|------------|------|
| 36. | Introduction | to | Gen | AI | Study | Jam | |
| | Date: | | 21 | | September, | | 2024 |
| | Description: A beginner-friendly conference introducing students to Generative AI, covering foundational concepts, hands-on exercises, and Google Cloud tools to kickstart their AI learning journey | | | | | | |
-
- | | | | | | | | |
|-----|--|------------------|-----------|----------------|------------|--|------|
| 37. | The | Launchpad | to | Success | | | |
| | Date: | | 18 | | September, | | 2024 |
| | Description: A motivational tech talk aimed at guiding students on how to build a successful developer journey. The session emphasized career growth, networking, and leveraging GDG opportunities for skill enhancement. | | | | | | |
-

• **Achievements**

• **Registration Process:**

Once the **Organizers** for the current tenure are selected, the **Core Team recruitment process** for **GDG on Campus: SNU Chapter** begins. Application forms are released for students from the **Department of Computer Science**, inviting them to apply for different teams based on their interests, technical expertise, and enthusiasm for community engagement.

All applications are thoroughly reviewed, and candidates are **shortlisted** based on their profiles and the information provided in the forms. Shortlisted applicants then participate in an **interview round**, conducted by respective **team leads or domain experts**, to assess their technical knowledge, problem-solving abilities, and leadership potential.

Following the interviews, **final selections** are made, and the **Core Team** is officially announced for the tenure—marking the beginning of a new phase of collaboration, innovation, and learning within the **GDG on Campus: SNU Chapter** community

• **Website:**

<https://gdg.community.dev/gdg-on-campus-sister-nivedita-university-kolkata-india/>

● **Social Media Pages:**

- Instagram: https://www.instagram.com/gdgoncampus_snu?igsh=MWxnM2hsNGRpYXRl
 - X: - <https://x.com/GdgSnu38866>
 - LinkedIn: - <https://www.linkedin.com/company/google-developer-groups-on-campus-sister-nivedita-university/>
 - Facebook: - <https://www.facebook.com/share/1G4ves5sPY/>
-

● **Member List:**

Organizer- Sarmistha Ghosh

1. Tech Lead – Eshani Paul

Team Members:

- Sneha Mandal
 - Soumyajit Bera
 - Saikat Maji
 - Prithwish Ghosh
 - Ipshita Gorai
-

2. Graphics Lead: Mohammed Zoheb

Team Members:

- Aparna Ghosh
 - Sayan Ankur
 - Adrija Karmakar
-

3. Social Media : Kuntal das

Team Members:

- Aafia Akram
 - Anjali Singh
 - Soham Roy Chowdhury
 - Shweta Singh
 - Mahasweta Ghosh
-

4. Content Lead: Sayantika Manna**Team Members:**

- Tannistha Mukherjee
 - TRISHA PAHARI
 - Sk Afif Hassan
-

5. Pr & Outreach lead: Prativa Dhar**Pr Team members:**

- Md Manowar Ansvari
 - Anirban Mukhopadhyay
 - Sharmistha Ghosh
 - Sayani Rana
-

6. Event Management Lead: Romit Bandyopadhyay

- Ayush Ghosh
 - Rahul Singh
 - Aryan Shrivastava
 - Amar Nath Singh
 - Arnab Biswas
-

● Rules and Regulations

This document outlines the operational framework of **GDG on Campus: Sister Nivedita University Chapter**. It ensures effective administration, promotes collaboration, and maintains transparency and consistency across all community initiatives and activities.

1. Structure

The **GDG on Campus: SNU Chapter** follows a collaborative and student-led structure designed to promote leadership, teamwork, and innovation within the community.

- **Organizers:**
The Organizers are the primary leaders of the chapter. They are responsible for managing overall operations, planning events, coordinating with Google Developer Groups, and ensuring that all activities align with GDG on Campus objectives. They oversee the functioning of various teams, maintain communication with mentors, and represent the chapter in external collaborations.
- **Core Team Members:**
The Core Team supports the Organizers in executing community initiatives. Members are divided into specialized teams based on their skills and interests. Each team contributes to different aspects of the chapter's functioning:
 - **Technical Team:** Focuses on hands-on learning sessions, workshops, and study jams related to Google technologies and emerging tools.
 - **Design Team:** Manages branding, visual communication, and creative content for events.
 - **Content & Communications Team:** Handles written content, announcements, event documentation, and social media communication.
 - **Outreach & Operations Team:** Oversees partnerships, logistics, and event coordination to ensure smooth execution.

Together, the **Organizers** and **Core Team Members** form the backbone of GDG on Campus: SNU Chapter, working collaboratively to build a thriving community that fosters innovation, learning, and professional growth.

2. Objectives

GDG on Campus: SNU Chapter aims to cultivate a culture of learning, innovation, and collaboration among students through Google technologies and developer tools. The chapter organizes **workshops, hackathons, tech talks, study jams, and community challenges** to enhance members' technical proficiency, leadership skills, and professional development.

3. Membership

Membership is **open to all students** of Sister Nivedita University, particularly those from the **Department of Computer Science**. Joining the chapter is **free of cost**, and members are expected to:

- Actively participate in events and initiatives
- Uphold the community's values of inclusivity, respect, and collaboration
- Adhere to the **GDG Code of Conduct**

Any member found violating these principles may face disciplinary action, including **removal** from the chapter, as determined by the Organizers and Faculty POCs.

4. Administration

All activities under **GDG on Campus: SNU Chapter** must comply with university and departmental policies.

The **Faculty POCs and Organizers** hold the authority to make administrative decisions, including restructuring teams, modifying roles, or adjusting processes to ensure smooth and effective functioning in alignment with the community's mission.

5. Appointments & Tenure

- The **Organizers** for each tenure are selected based on leadership ability, commitment, and prior contributions to the community.
 - The **Core Team recruitment process** is initiated by the Organizers after their appointment and follows a transparent selection procedure.
 - All appointments are **approved by the Faculty POCs**, and each role carries a **tenure of one academic year** from the date of appointment.
-

6. Event Approval

Every event, collaboration, or initiative organized under **GDG on Campus: SNU Chapter** must receive **prior approval** from the Faculty POCs and Organizers.

Any modifications to planned activities or policies may be implemented as deemed necessary to ensure compliance, quality, and alignment with GDG's values.

7. Code of Conduct

All members are expected to maintain **professionalism, respect, and integrity** at all times. Misconduct, harassment, bullying, or unauthorized use of the community's name and resources are strictly prohibited.

Any grievances or violations should be reported to the **Organizers or Faculty POCs**.

Disciplinary actions—including **suspension, demotion, or removal**—may be taken based on the severity of the issue.
