Society Name: Developer Student Club (DSC)

Faculty Convenor: Ms. Deepali Bajaj

Faculty Co-Convenor: Ms. Urmil Bharti

Faculty Members:N/A

Brief about Society (in 100 words):

Computer Science Department has set up **Developer Student Clubs (DSC)** that focuses on technical skills development initiatives within our campus so that the student community can leverage the benefits. The club aims to provide students with the resources, opportunities and experience necessary to be industry ready. This club helps students to apply the learning to build projects that can combat real world problems using technology, enhancing technological skills and work collaboratively. It organizes technical events, code-e-thon, and hack-a-thons round the year. The club is pivotal to provide students with hands-on latest technologies through and curated resources like Google and Microsoft etc.

Student Council (include both core and members team):

DSC Lead: Ms. Akansha Jain (B.Sc. (H) Computer Science VI Sem)

Core Team:
Ms. Meenakshi Bharadwaj (B.Sc. (H) Computer Science, VI Sem)
Ms. Kanika Gupta (B.Sc. (H) Computer Science, VI Sem)
Ms. Khushi Srivastava (B.Sc. (H) Computer Science, VI Sem)
Ms. Anjali Kundliya (B.Sc. (H) Computer Science, IV Sem)

Awards/Activities/Achievements:

1. Expert Talk Session - How I got Selected for MLH Fellowship

- Organized a online technical session on September 09, 2021 wherein the speaker, Mr. Abhinav Kumar (MLH fellow 2021) explained about the three tracks that MLH Fellowship has to offer. MLH Fellowship is a remote internship alternative for aspiring technologists. He explained the step-by-step process of applying for the MLH tracks. There were 45 participants who attended the session.

2. Getting into Open Source with JINA AI

- Organized a online technical session on September 18, 2021 wherein the speaker, Alex C-G, working as a Developer Relations Lead at Jina AI, Berlin, Germany, introduced Neural Search. Then he spoke into detail about Jina AI and the technology stack they employ.There were 52 participants who attended the session.

3. All You Need to Know About Open Source

- Organized a online-technical session on September 26, 2021 wherein the speaker, Mr. Anubhav Sinha (software engineer, Amazon India) introduced Open Source Software, how to start contributing to open source, how the open-source enthusiasts can make contributions to the Open-Source Projects they like and the prerequisites to get started with open source. There were 61 participants who attended the session.

4. Introduction to Google Cloud

- Organized a two-day long technical event from September 26, 2021 to September 27, 2021. Day 1 was taken by Ms. Vijeta Pai, GCP Certified and Accredited Technical Evangelist and a GDE in Google Cloud. She covered cloud computing, need of switching to cloud, cloud providers and their types, cloud services, cloud security and security best practices, AI/ML/Deep learning capabilities offered by cloud, working of dialog flow. Day 2 was taken by Mr. Rushabh Vasa, a GDE for cloud technology. He talked about the reasons why cloud works in India, cost effective solution building, serverless development, scalability, cloud as an ecosystem where everything is connected, and google cloud region in India.There were 165 participants who attended the session on both the days.

5. Hack the Hacktoberfest 2021

- Organized an online technical session on October 2, 2021 by Mr. Praveen Kumar Purushothaman, full stack Javascript specialist. He briefed about open-source programming, how to start with it, utilising resources and communities like GitHub, Twitter, etc. The event also contained information about Git & GitHub, how to contribute, process for contributors and process for maintainers. There were 67 participants who attended the session.

6. GIT IT RIGHT!

- Organized an online event on October 10, 2021 by DSC Club Lead Ms. Akansha Jain on Microsoft Learn Student Ambassador (MLSA) program and step by step procedure of how to become a MLSA. The session also introduced Git and GitHub which was beginner friendly to all the students. There were 27 participants who attended the event.

7. Ace Internships and Placements at Tech Firms

- Organized an online technical session on November 14, 2021 by Mr. Arsh Goyal, Senior Software Engineer at Samsung. He discussed about the need to remember why we started coding, what are the basic requirements for coding like learning an OOPs programming language, Data Structure and Algorithms, competitive programming, ,

the important fundamentals of Computer Science. There were 63 participants who attended the session.

8. Android Study Jam - Session 1

- Organized an online technical session on December 01, 2021 by DSC Club Lead Ms. Akansha Jain. The session gave insights about the Android Study Jam program and basics of Android using Kotlin. The perks of Kotlin were highlighted in Start-up such as Zomato. There were 99 participants who attended the session.

9. Android Study Jams - Session 2

- Organized an online technical event on December 18 2022 by Mr. Pankaj Rai, Google Developer Expert – Android and Firebase. In this event, the next two units of the course were covered with the speaker sharing his knowledge on topics like - navigation across activity and fragments, launch mode – standard, single top, single task and single instance, navigation components, popular networking libraries. There were 40 participants who attended the event.

10. Android Study Jams - Showcase Round

- Organized an online event on December 24, 2021 organised by Ms. Akansha Jain, DSC Lead, SRCASW. The event was mainly for the shortlisted teams to showcase their projects and apps that they had developed, students presented a wide range of applications. The best app won Android Study Jams and the swags for the same were delivered to them.There were 28 participants who attended the event.

11. Interactive Session on Blockchain Development

- Organized an online technical session on January 10, 2022 by Mr. Akshit Taneja (Blockchain developer) and Mr. Lakshit Madaan (Founder at Blockchain Unmasked).The speakers gave a brief introduction on Web1.0, Web2.0 and Web3.0, discussed the properties of Blockchain technology. He distinguished between Centralized Apps and Dapps, Layer 2 solutions and its significance over Layer 1 mechanism, use cases of blockchain were also discussed. There were 72 participants who attended the session.

12. Info Session Google Solution Challenge

- Organized an online info-session about Google Solution Challenge 2022 on January 23, 2022. The speakers for this session were the DSC Solution Challenge'21 winners

– Ms. Priyanka Hotchandani, Mr. Anish Pawar, and Ms. Gayatri Patil. There were 56 participants who attended the session.

13. WEB CHRONICLES

- Hosted "WEB CHRONICLES" for session 2021-2022 from January 25, 2022 to January 31, 2022. The speakers were the core team members of DSC AITR. The event was filled with technical knowledge and an exciting fun quiz. The event was held to give the basics of Full-stack development with our 6-day boot camp through practical sessions and fun quizzes.There were 93 participants who attended the event throughout the 6 days.

14. Career Panel for Wo(men) in Tech

- Organized a Panel Discussion on February18, 2022. The panellists for the event were: Ms. Akansha Jain (Gold MLSA), Ms. Marilyn Cole (Community PM @Microsoft), Ms.Sashrika Kaur (Software Engineer @Microsoft). The panelists shared their experiences as women and the biases their faced, and what they did to combat it. There were 53 attendees in the event.

15. GDSC WOW [Wonder of Wonders] SRCASW

- GDSC WOW was a collaborative event of 200+ GDSCs from India, who have joined hands to bring together students, developers, and communities under the same roof. It was a 3-day long virtual event that consisted of 3 days of Speaker Sessions / Live Coding / Open-Source Projects webinars covering various topics of latest technologies and a Treasure Hunt game throughout the three days, "Treasure to WOW". The event held on February 25, 2022 till February 27, 2022. There were about 10k+ participants in this event.

16. Flutter Flight 101

- Organized an online info session about Flutter Development on March 06, 2022. Ms. Akansha Jain, DSC Lead SRCASW Flutter Festival Facilitator, covered the basics of Flutter, use cases, properties of Cross Platform Language, Dart Language, Flutter's Foundational Pillars, Characteristics of Dart, Firebase, Services of Firebase with Flutter in this session. There were 54 participants who attended the session.

17. Let's Enter the Flutterscape

- Organized an online session about Flutter Development on March 08, 2022 by Ms. Akansha Jain, DSC Lead SRCASW. The session covered the complete installation of

Flutter, hands on session in which the students built their first app using Flutter. There were about 25 participants who attended the session.

18. Flutter Basics

- Organized an online session about Flutter Basics on March 13, 2022 by Ms. Priyanshi Girdhar, core team member, GDSC, Kalindi college. In this session, the students learnt the basics of Dart language. They also did some of the quests of Google Cloud Platform by which they developed an idea on how they can develop cross platform apps using Flutter. There were about 25 participants who attended the session.

19. The Flutter Flow

- Organized an online session on March 20, 2022 wherein Ms. Kamal Shree (Google Developer Expert in Flutter) with 12 years of experience in India, Netherlands, and the USA, helped students to build their applications faster with Flutter technology. There were about 13 participants who attended the session.

20. Hack-o-Protoquest

- Organized an online hackathon tournament of 3 days from March 25, 2022 to March 27, 2022 wherein 2 rounds were conducted. Round 1 was a quiz wherein all the teams had to participate. After that the qualifying teams were given a chance to take part in a Hackathon (Round 2: Prototype Presentation) in which all the teams had exhibited their prototypes prepared in the allotted time during the hackathon. There were about 28 teams who took part in this tournament.