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Walkthrough of

Smart Gujarat Hackathon under SSIP 2.0

Brainstorming session for students on the Smart Gujarat Hackathon 2025 was successfully conducted at the Seminar Hall of Government Arts and Commerce College, Gambhoi on February 24, 2025. The session, organized by Dr. Krishna Lala, SSIP Coordinator, aimed to provide students with a comprehensive understanding of how the hackathon functions, its significance, and the opportunities it presents under Gujarat's Student Startup and Innovation Policy (SSIP 2.0).

The event saw the active participation of 54 students and all faculty members, demonstrating the keen interest of young innovators in exploring technological solutions to real-world problems. The session was designed to ensure that students understood the process, benefits, and impact of the hackathon while motivating them to participate in the upcoming edition.

Overview of the Session

The seminar began with an introduction to the Smart Gujarat Hackathon, explaining its purpose as a platform for innovation and problem-solving. Dr. Krishna Lala emphasized how the hackathon encourages students to develop technological solutions for challenges faced by industries, government departments, and public institutions. She highlighted the role of SSIP 2.0 in providing mentorship, funding, and industry exposure to students participating in the event.

The session included a step-by-step walkthrough of the hackathon process, covering..

- 1. Problem Statement Sourcing:** Identifying challenges from government bodies and industries.
- 2. Announcement & Team Registration:** Students form teams and select problem statements.
- 3. Orientation & Mentoring:** Experts guide teams on refining their ideas.
- 4. Synopsis Submission:** Teams submit initial project ideas for review.
- 5. Regional Round:** Shortlisted teams present their solutions at the state level.
- 6. Grand Finale:** Top teams showcase their final solutions before industry leaders and government representatives.
- 7. Post-Hackathon Support:** Winning projects receive funding, mentorship, and incubation support.

Past Hackathons and Notable Innovations (2017-2022)

Dr. Lala also provided an overview of past hackathons, highlighting their impact and success stories:

1. **2017-18:** The first edition focused on solving local governance issues, leading to solutions in waste management and traffic optimization.
2. **2018-19:** The Gujarat Industrial Hackathon encouraged innovations in manufacturing and automation, with projects improving industrial efficiency.
3. **2019-20:** Smart solutions in agriculture, education, and health-tech gained recognition, helping optimize water usage and digital learning platforms.
4. **2022:** The Azadi ka Amrit Mahotsav Hackathon focused on sustainable solutions, including renewable energy and AI-driven healthcare diagnostics.
5. **2023:** The New India Vibrant Hackathon saw over 47,000 participants working on cutting-edge AI, cybersecurity, and social impact projects.

Student Engagement and Response

The interactive session witnessed an enthusiastic response, with students actively engaging in discussions regarding problem statements, selection criteria, and career prospects. Faculty members also contributed by encouraging students to utilize the hackathon as a launchpad for innovation. Several students expressed their desire to form teams and participate in the upcoming event, recognizing it as an opportunity to gain practical experience, industry exposure, and potential funding.

How the Hackathon Benefits Students Under SSIP 2.0

The Smart Gujarat Hackathon 2025 aligns with the objectives of SSIP 2.0, which is dedicated to fostering a culture of innovation, entrepreneurship, and skill development among students. Through this initiative, students gain:

1. **Hands-on Experience:** Working on real-world problem statements helps students apply theoretical knowledge to practical challenges.
2. **Industry Mentorship:** Interaction with industry experts, government officials, and startup mentors enhances learning and career opportunities.

- 3. Funding & Prototyping Support:** Selected projects receive financial assistance from SSIP 2.0 for prototype development and potential commercialization.
- 4. Recognition & Career Growth:** Winning teams gain statewide recognition, increasing their chances of securing internships, job placements, and even startup incubation.
- 5. Networking & Collaboration:** The hackathon fosters collaboration between students from different disciplines, promoting teamwork and interdisciplinary innovation.

Conclusion and Next Steps

The session concluded with a call to action, encouraging students to register and actively participate in the hackathon. The initiative successfully inspired students to explore technological solutions for real-world challenges and contribute to the vision of Smart Gujarat and a New India. Moving forward, mentorship programs, brainstorming sessions, and team-building activities will be organized to help students prepare effectively for the hackathon.

This awareness session marks a significant step in building a culture of innovation within the college, ensuring that students have the knowledge and resources to compete, innovate, and succeed in the Smart Gujarat Hackathon 2025.





