

INTERNAL HACKATHON REPORT

Organized by Government Science College, Valod

In Collaboration with STC Creative Club

Event Details

- **Event Name:** Internal Hackathon
- **Date:** 19th August 2025
- **Venue:** Room No. 204, Government Science College, Valod
- **Organized By:** Innovation Club, Government Science College, Valod
- **In Collaboration With:** STC Creative Club



Objective of the Event

The **Internal Hackathon** was organized as an integral part of the **6-Day Certificate Course using DIY Kits**. The main objective was to foster **innovation, creativity, and problem-solving abilities** among students, enabling them to apply their learning from the certificate course to real-world technical challenges through collaborative teamwork.

Overview of the Event

Government Science College, Valod, in collaboration with **STC Creative Club**, proudly organized an **Internal Hackathon** on **August 19th, 2025**. This hands-on event served as the **culmination of the 6-Day Certificate Course**, providing students with an opportunity to showcase their innovative ideas, practical understanding, and technical skills gained throughout the training sessions.

A total of **70 students** participated in the hackathon, comprising **30 male and 40 female participants**. The students formed **10 teams**, and together they worked on **35 unique problem statements** addressing real-life and futuristic challenges.

Topics Covered

During the 6-day course and the hackathon, participants explored a diverse range of **emerging technologies and future-ready topics**, including:

- **Basic & Advanced Electronics (Arduino Uno)**
- **Artificial Intelligence (AI)**
- **Augmented Reality (AR), Virtual Reality (VR), and Mixed Reality (MR)**
- **Block-Based Coding**
- **Working with Sensors and DIY Kits**



- This carefully curated curriculum helped students strengthen their conceptual understanding, develop hands-on experience, and cultivate innovative problem-solving approaches.

Jury Members

The evaluation and judgment of the hackathon projects were conducted by an expert panel comprising:

1. **Mr. Parth Panchal** – Assistant Professor, Government Science College, Valod
 2. **Mr. Vishal Vadhiyar** – Founder, STC Creative Club
 3. **Mr. Pravin Sindal** – Co-Founder, STC Creative Club
- **Mr. Vishal Vadhiyar**
 - **Mr. Pravin Sindal**

Their practical expertise, creative teaching methods, and mentorship contributed immensely to the participants' learning experience, ensuring a dynamic and engaging environment.

Acknowledgements

The successful organization of this Internal Hackathon and Certificate Course was possible due to the dedicated efforts of the faculty and students.

- Heartfelt appreciation to **Mr. Parth Panchal**, Innovation Club Coordinator, Government Science College, Valod, for his exemplary planning, guidance, and execution of the event.
- Special thanks to the **Principal, Government Science College, Valod**, for providing constant encouragement and institutional support.
- Gratitude to the **STC Creative Club Team** for their technical collaboration and expert mentorship.
- A sincere thank you to all **70 participants** for their enthusiastic engagement and innovative spirit.

Outcomes

By the conclusion of the **Internal Hackathon**, students achieved:

- Practical understanding of electronics, sensors, and emerging technologies
- Hands-on experience with **DIY Kits** and hardware-based innovation
- Improved teamwork, problem-solving, and project presentation skills
- Recognition through a **Certificate of Completion** for the 6-Day Course
- Motivation to participate in future **State and National Level Hackathons**



Conclusion

The Internal Hackathon 2025, as part of the 6-Day Certificate Course using DIY Kits, proved to be a milestone event in promoting a culture of innovation and applied learning among students of Government Science College, Valod.

It successfully blended theory with practice, empowering students to become young innovators ready to face technological challenges with creativity and confidence.

Place:- Valod

Date:- 19/08/2025



P.S. Panchal
19/08/25

Mr Parth S Panchal
Innovation Club/ SSIP Coordinator
Assistant Professor (Physics)
Government Science College Valod

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Principal

Government Science College
Valod

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Principal

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