

Report on “PoC Presentation 2.0” Organized by SSIP Cell, Government Engineering College, Patan

Date: 30th July 2025

Venue: Amenities Building, GEC Patan

Organized by: SSIP Cell, Government Engineering College, Patan

The Student Startup and Innovation Policy (SSIP) Cell of Government Engineering College, Patan successfully organized the event “*PoC Presentation 2.0*” on **30th July 2025**. The objective of the event was to provide a platform for students to present their innovative ideas in the form of **Proof of Concept (PoC)** and to facilitate expert evaluation for potential funding and mentoring under the SSIP 2.0 initiative.

A total of **five student groups from the Mechanical Engineering Department** participated in the event, presenting their innovative project ideas through well-structured PowerPoint presentations. Each group explained the technical aspects of their PoC, the novelty of their innovation, potential real-world applications, and detailed cost estimation for implementation. The event witnessed active participation from **26 students**, showcasing enthusiasm and creativity in addressing practical engineering problems through their innovative approaches.

The evaluation of the PoCs was carried out by two invited experts:

- **Prof. Hiren R. Patel**, Lecturer, Mechanical Engineering Department, K.D. Polytechnic, Patan
- **Prof. A. R. Joshi**, Lecturer, Electrical Engineering Department, K.D. Polytechnic, Patan

Both experts provided valuable feedback, technical suggestions, and constructive criticism to each group. Their insights were instrumental in helping students refine their ideas and better align them with industrial relevance and technological feasibility. The evaluation focused on various aspects such as innovation potential, technical soundness, practical applicability, budget justification, and readiness for implementation.

The event commenced at **02:00 PM** with a welcome address by the SSIP Cell Coordinator Dr Hitesh Panchal. The presentations were conducted sequentially, with each group allotted **15 minutes for presentation** followed by **5 minutes for question-answer and feedback**. The atmosphere remained interactive throughout, with both students and evaluators engaging in meaningful discussions about the proposed ideas.

Key highlights of the event included:

- Practical solutions related to energy optimization, automation, and sustainable mechanical systems.
- Budget-friendly and scalable project ideas suitable for future prototyping and commercialization.
- Encouraging involvement of final and pre-final year students in innovation and entrepreneurship.

At the conclusion of the session, the experts appreciated the efforts of the SSIP Cell and the participating students for organizing and contributing to such a constructive platform. They emphasized the importance of such events in nurturing innovation culture and promoting problem-solving skills among engineering students.

The SSIP Cell of GEC Patan expresses sincere gratitude to Prof. Hiren R Patel and Prof. A. R. Joshi for their expert guidance, as well as to the Principal and faculty members for their support in organizing the event. Based on expert recommendations, selected PoC groups will be mentored further and proposed for financial support under SSIP 2.0.

The event concluded successfully with a group photo and a note of thanks. Selected students with amount are as given below:

Sr No	Name of student Leader	Title of PoC	Approved amount
1	Thakkar Sumit R	GYantra	1,50,000/-
2	Mihir R Prajapati	Volume Maintaining Machine	50,000/-
3	Pathan Mohammadanas Mohammadamin	Single basin solar still with Truncated shape fins	25000/-
4	Jani Upanshu	Solar still with Trapazoidal fins	25000/-
5	Sand and Pebble Distributor	Rami Kapil R	50000/-
Total			3,00,000/-

Pictures during the PoC presentation:





Prepared by

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SSIP Cell

GEC Patan

EXTERNAL SCRUTINY OF SSIP POC

GEC Patan

Attendance Sheet

Date: 29/07/2025

Time: 02: 00 pm to 04: 00 pm

Venue: Amenities building, GEC Patan

Sr. No.	Name of Participant	Semester	Email address	Department	Phone number	Signature
1	Prasanna Dotedh Mushi	5 th	prasadmushi@gmail.com	Mech	9862024402	
2	Pandit Meera W.	5 th	Atteimetre2006@gmail.com	Mechanical	9912438033	
3	Jadhavra Hel B	5 th	helbajadhavra@gmail.com	Mechanical	9016624093	
4	SWAN KARN A	5 th	Karnashah739@gmail.com	Mech	8220406104	
5	MUSANZI MUSSANALI J.	5 th	musanzimusanali93@gmail.com	Mech.	9344234579	
6	RAJ KUMAR V. TELEF	5 th	rahul6197@gmail.com	Mech	950845366	
7	Dhananjay Gashrao D.	5 th	gashdhananjay553@gmail.com	Mech	9383096139	
8	Rajesh dir. Anuresh Chau	5 th	rajeshdir@gmail.com	Mech	6352416043	
9	ADHAY PANDEY	5 th	abhoypandey93800@gmail.com	Mech	9380031400	
10	Rajesh Hechik A.	5 th	hechikrajesh1516@gmail.com	Mech	6356381612	
11	Prasanna Verat B.	5 th	connectvrat23@gmail.com	Mech	9206044005	
12	Prasanna Ansh V	5 th	anshv924@gmail.com	Mech	9265980569	
13	Raval Hrush V.	5 th	hr4340059@gmail.com	Mech	9327864104	

SSIP Cell, GEC Patan

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Sr. No.	Name of Participant	Semester	Email address	Department	Phone number	Signature
1	Sathvarey Nit K.	5th	nishavarey76@gmail.com	mech	9512937055	S.M.F
2	Sathvarey Amit K.	5th	amitsathvarey206@gmail.com	mech	9106200906	S.D.K
3	PATHAN MOHAMMADANAS.M	5th	chisaminu334@gmail.com	mech	972786501	M.M.P
4	Jesai Ritish Subashai	5th	ritishdesai291@gmail.com	mech	8866576935	R.S.P
5	Rutel Jit Alpeshbhai	5th	jitrutel4439@gmail.com	mech	9662736941	R.P.
6	Patelem P.	5th	om978005@gmail.com	mech	9773121144	P.L.
7	AAVAL Arjun S	5th	aravijayaram6@gmail.com	mech	8739099695	R.A.S
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