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**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)



SARVAJANIK UNIVERSITY

SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY

R E P O R T of EVENT

“Workshop on Design Thinking and Canvas Preparation and Presentation workshop”

Suggested by IIC

Date: 12th and 13th May, 2026

Time: 9:00 to 3:30 pm (12th May)

Time: 11:15 to 1:15 pm (13th May)

ORGANIZED BY

IIC CELL SCET – SCET

Dr. Tejal Joshi
Faculty Coordinator

Dr. Utpal Pandya
President – IIC, SCET

Event Highlights

The Team

Faculty Coordinator	:	Dr. Tejal Joshi ,Nandkishor Joshi, Dr. Hardik Desai, Dr. Shabbir Vora
IIC Cell – SCET	:	Dr. Utpal Pandya, President, IIC-SCET Dr. Dhruti Sharma, Convener, IIC- SCET
Student Coordinators	:	Heet Khunt - IC DEPT Shivansh Desai –IC DEPT

Details of Event

Event Type	:	Institute Level Program
Event Platform	:	Sarvajanik College of Engineering & Technology (SCET)
Category	:	IIC - activity for Quarter -3 (2025-26)
Event	:	Workshop on Design Thinking and Canvas Preparation and Presentation workshop
Schedule and venue	:	27 th 9:00 to 3:30 pm (12th May) Time: 11:15 to 1:15 pm (13th May) Embedded lab
Aspirants	:	First year UG students IC and Electrical department of SCET
Accessibility	:	Open to all (Students)
Registered Entry	:	36+36 students
Participated Entry	:	72

About the Event

Institution's Innovation Council (IIC) program is initiative of Ministry of Education (MoE) through MoE's Innovation Cell (MIC) in collaboration with AICTE for Higher Educational Institutions (HEIs) to systematically foster the culture of innovation and entrepreneurship skills in professional. With this objective Innovation Council, SCET, SCET has organized a workshop on “Capacities Building for Professionals. The event was organized for the UG students with the objective of giving important tips for development of various attitudes and behaviour skills required in professional life. The expert of the session was Stuti Agrawal, who is a young enterprenuer/ founder of Prodigy Club and Toy Academy. Recently her startup Prodigy Club won the “Best Startup” award in a Impact Investors Summit at IIM Ahmadabad. She is a corporate Trainer also.

Design Thinking & Canvas Preparation Workshop was a comprehensive event organized on May 12-13, 2026, where first-year IC and Electrical students presented their canvases. Hosted at the Embedded Lab, IC, and Computer Lab, Electrical, the workshop was guided by Dr. Tejal Joshi and faculty coordinators Dr. Shabbir Vora, Prof. Nandkishor Joshi, and Dr. Hardik Desai. The event walked students through the core design thinking stages: Empathize, Define, Ideate, Prototype, and Test.

Dates: May 12th and 13th, 2026 Participants: First-year Instrumentation & Control (IC) and Electrical Engineering students. Venues: Embedded Lab (IC) and Computer Lab (Electrical).

The details of two day workshop is explained below in three different stages.

1. The event was **Final stage of Semester-Long Preparation** Phase Rather than learning the concepts overnight, the students underwent a sustained learning process. Throughout the semester, two hours per week were dedicated to guiding students through the Design Thinking process. During these weekly sessions, students were taught the theoretical frameworks and given step-by-step guidelines to practically prepare their canvases.
2. Application of the Design Thinking Process During their weekly hours, students applied the five stages of Design Thinking (Empathize, Define, Ideate, Prototype, and Test) to real-world problems. Following the specific guidelines provided by their faculty, they systematically built out their projects using five key frameworks: 1) Observation (AEIOU): Documenting Activities, Environments, Interactions, Objects, and Users. 2) Empathy Mapping: Charting what users say, think, do, and feel to understand their pains and gains. 3) Mind Mapping: Visually organizing their raw research data to find patterns and clear problem statements. 4) Ideation Canvas: Brainstorming and engineering ideas using divergence and convergence techniques.

- 5) Product Development Canvas: Defining the final product's functions, features, and evaluating it across technology, aesthetics, environment, cost, and ergonomics.
3. The Final Presentation (May 12-13) The semester's hard work resulted on May 12th and 13th. Having prepared their canvases according to the strict weekly guidelines, the first-year IC and Electrical students presented their completed canvases and innovative solutions to the faculty coordinators.

Outcome of the workshop:

The most immediate outcome of the May 12th and 13th event was the successful presentation of the students' semester-long projects. Each student team produced a comprehensive portfolio consisting of five completed canvases:

AEIOU Canvas: Detailed ethnographic field observations.

Empathy Map: Documented user pain points, needs, and emotional responses.

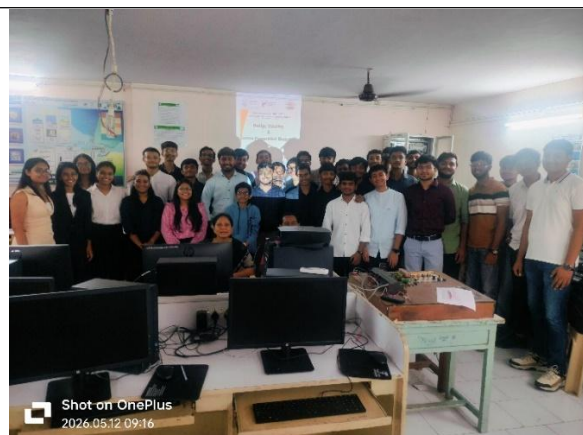
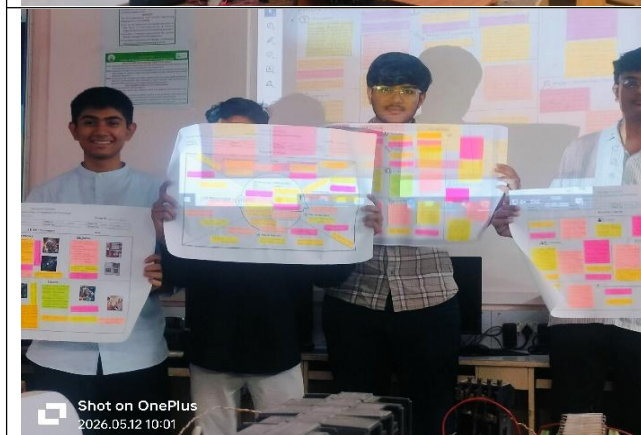
Mind Map: A visual synthesis of their research data highlighting clear problem statements.

Ideation Canvas: A collection of brainstormed, "engineered" ideas using divergent and convergent thinking.

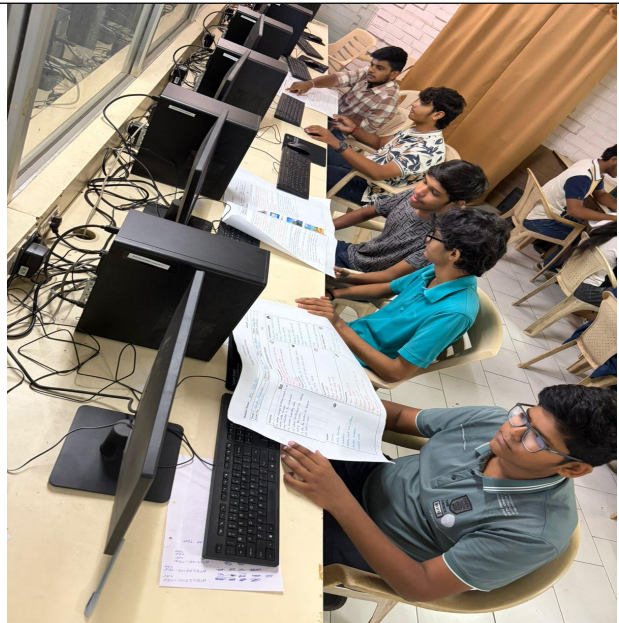
Product Development Canvas (PDC): A finalized blueprint for a proposed product, detailing its specific functions, features, and evaluation across technology, aesthetics, environment, cost, and ergonomics.

The ultimate practical outcome of the workshop was bridging the gap between an abstract idea and a physical product. By completing the Product Development Canvas, students successfully transitioned their conceptual solutions into actionable plans ready for the prototyping phase

Glimpses of Event of 12th May



Glimpses of Event of 13th May



The Students list with their subject topic on which canvases were prepared.

Instrumentation and Control students group

Sr no.	Enrollment	Name	Area/Field of study
1	ET25BTIC004	Ruchit Desai	The Sorter Porter
	ET25BTIC018	Nevil Malankiya	
	ET25BTIC001	Shubham Anghan	
	ET25BTIC020	Menik Mendpara	
2	Et25BTIC003	Dhruv Dedasaniya	Unplanned Machine failure
	ET25BTIC036	Vraj Vyas	
	ET25BTIC031	Nitya Shah	
	ET25BTIC010	Parth Gajera	
3	ET25BTIC023	Jash Patel	Electricity Conserver
	ET25BTIC002	Bhavya Patel	
	ET25BTIC026	Pathan Sufiyan	
	ET25BTIC027	Pujan Desai	
4	ET25BTIC005	Shivansh Desai	Agriculture
	ET25BTIC021	Mihir Gajera	
	ET25BTIC034	Jay Thakor	
5	ET25BTIC029	Rathin Parikh	wind turbine air purifier
	ET25BTIC013	Rudra Gaywala	
	ET25BTIC025	Smit Patel	
	ET25BTIC007	Nenal Dhola	
6	ET25BTIC009	Krishana Dudhat	Smart Parking System
	ET25BTIC017	Heet Khunt	
	ET25BTIC008	Namra Dobariya	
	ET25BTIC015	Yash Gondaliya	
7	ET25BTIC012	Kishor Ghanchi	Smart Animal Agriculture
	ET25BTIC028	Yagna Purohit	
	ET25BTIC024	Mahir Patel	
	ET25BTIC011	Dhruv Gajjar	
8	ET25BTIC019	Vedika Mehta	Space Debris Management
	ET25BTIC035	Vaishvi Tailor	
	ET25BTIC006	Suhani Dhivar	
	ET25BTIC014	Rajvi Ghariwala	
9	ET25BTIC016	Akshar Jariwala	Textile Industry
	ET25BTIC032	Ved Shastri	
10	ET25BTIC022	Patel Hetvi	SMART MALL
	ET25BTIC030	Priyanshi rixawala	
	ET25BTIC033	Pranav sunaviya	

Electrical Group students

Sr. No.	ENROLLMENT NUMBER	STUDENT NAME	GROUP ID	DOMAIN
1	ET25BTEL001	AAYUSH RAI	1	RANGE OF HYBRID CARS
2	ET25BTEL002	AMAR KAPRI		
3	ET25BTEL003	VRAJ ANGHAN		
4	ET25BTEL004	YUVRAJ BAKHTAWAR		
5	ET25BTEL005	NAMRA CHAMPANERI	2	EV LITHIUM ION BATTERY
6	ET25BTEL006	PRAKASH CHAUDHARY		
7	ET25BTEL007	MEGH CHAUHAN		
8	ET25BTEL008	HET CHOVIYA		
9	ET25BTEL009	DALAJA JARIWALA	3	WIRELESS EARPHONES
10	ET25BTEL010	NITANT DESAI		
11	ET25BTEL011	DEV BHATT		
12	ET25BTEL012	KRISH DOMADIYA		
13	ET25BTEL013	VAISHNAVI DUBEY	4	DRONES
14	ET25BTEL014	ARUN EZHUTHASSAN		
15	ET25BTEL015	JEET GALANI		
16	ET25BTEL016	ADARSH GUPTA		
17	ET25BTEL017	HRISHI LAD	5	LIMITED INFRASTRUCTURE OF CHARGING PORT
18	ET25BTEL018	MIHIR MAKWANA		
19	ET25BTEL019	NEEL NIKAM		
20	ET25BTEL020	KRUSHABH PAGHADAL		
21	ET25BTEL021	ADITYA PATEL	6	SMART WASTE MANAGEMENT
22	ET25BTEL022	KASHYAP PATEL		
23	ET25BTEL023	RIDDHAM PATEL		
24	ET25BTEL024	SHAAH PATEL		

Compiled and Prepared By

Dr. Tejal Joshi

Faculty Coordinator, IIC