



Institution's Innovation Council Saurashtra University Rajkot

PROTOTYPE / PROCESS DESIGN AND DEVELOPMENT

2nd May, 2025

At

Regional Science Centre
Near Ishwariya Park
Madhapar, Rajkot

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Saurashtra University – IIC

The university is dedicated to instruction, research, and extending knowledge to the public (public service). Ministry of Education (MoE), Govt. of India has established 'MoE's Innovation Cell (MIC)' to systematically foster the culture of Innovation among all Higher Education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years. Saurashtra University is one the Organization that have constituted the IIC to foster the vision of MoE and be a part for the promotion and development of innovation ecosystem.

Event Schedule

4:00	Registration Time
4:05	Welcome
4:10	Awareness session on Prototype/Process Design and Development by Mr. Parth Sejpai
4:45	Programme Feedback - Conclusion
5:00	Closing Ceremony

Event Registration Link

bit.ly/SUSEC-WIPD2025

Brief about Event

The SU Startup and Entrepreneurship Council, in collaboration with the Regional Science Centre, Rajkot and IIC Saurashtra University, organized a workshop on *Prototype/Process Design and Development 2025* on 2nd May 2025 from 4:00 pm to 5:00 pm. The workshop was designed to inspire and guide budding innovators, students, and early-stage entrepreneurs in the crucial journey of transforming ideas into tangible outcomes.

The main objective of the session was to provide participants with the knowledge and practical insights required to effectively design and develop prototypes or processes. The workshop emphasized the importance of transitioning from conceptualization to implementation, thereby building a strong foundation for product development, innovation, and commercialization.

The session was led by Mr. Parth Sejpal, who elaborated on the concept of prototypes. He explained that a prototype is essentially a preliminary version or model of a product, system, or process created to test and validate ideas before final production or implementation. Prototypes serve as working samples, mock-ups, or simulations that help evaluate feasibility, design, functionality, and usability.

During the workshop, participants learned that prototyping is a vital step in innovation, as it empowers creators to visualize, test, and refine their concepts while minimizing risks and costs. The importance of choosing between low-fidelity and high-fidelity prototypes was highlighted, ensuring that innovators adopt the most effective approach depending on their development stage.

Overall, the workshop provided valuable insights into the role of prototyping in successful innovation. It encouraged participants to view prototyping not merely as a technical step but as a strategic tool that bridges creativity and implementation. The interactive session left students motivated to apply the knowledge in their entrepreneurial and innovation journeys.

Key Points

During the session, below mentioned points were discussed:

- Introduction to Prototyping
- Importance of Prototype in Innovation
- Low-Fidelity vs High-Fidelity Prototypes
- Process Design & Development
- Tools and Techniques for Prototyping
- Testing, Validation & Usability
- Challenges and Risk Reduction
- Pathway to Innovation & Commercialization

Outcome

The outcome of the workshop was highly impactful, as it provided participants with a clear understanding of the role of prototyping in the innovation and entrepreneurial journey. Students and aspiring entrepreneurs gained valuable insights into transforming ideas into practical models by learning about different stages of prototype development, tools, and techniques. The session helped them differentiate between low-fidelity and high-fidelity prototypes and recognize their importance in testing, validation, and risk reduction. Overall, the workshop enhanced participants' confidence to apply design and development skills in real-world projects, encouraging innovation, problem-solving, and paving the way for future commercialization opportunities.

About the Speaker / Chief Guest



Mr. Parth Sejpal

CEO, SUSEC

Incubation Centre, Saurashtra University, Rajkot

The poster is for a workshop titled "Prototype/Process Design and Development". It features logos at the top for Saurashtra University, SSIP, Regional Science Centre, Institution's Innovation Council, StartUp, and SUSEC. The text on the poster reads: "SU Startup and Entrepreneurship Council in collaboration with Regional Science Centre, Rajkot along with IIC, Saurashtra University organize Workshop on 'Prototype/Process Design and Development'". It includes a circular portrait of Mr. Parth Sejpal, CEO of SUSEC, with his name and title below it. The event details are: "4:00 pm - 5:00 pm | 2nd May, 2025" and the location is "Regional Science Centre Near Ishwariya Park Madhapar, Rajkot". A "REGISTER NOW" button is present, along with the website "www.susec.ac.in" and the link "bit.ly/SUSEC-WIPD2025".





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