



Institution's Innovation Council Saurashtra University Rajkot

PROTOTYPE / PROCESS DESIGN AND DEVELOPMENT 2025

27th May, 2025

Online on Google meet

Incubation Centre
Dr. A P J Abdul Kalam Science Laboratory
Saurashtra University Campus, Rajkot

Contents

Saurashtra University – IIC.....	3
Event Schedule	3
Event Registration Link.....	3
Brief about Event.....	4
Key Points.....	4
Outcome	5
About the Speaker / Chief Guest.....	5
Connect Us:	8

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

11:00	Registration Time
11:05	Welcome
11:10	Awareness session on Prototype/Process Design and Development by Dr. Keval Gadani
11:45	Programme Feedback - Conclusion
12:00	Closing Ceremony

Event Registration Link

bit.ly/SUSEC-PPDD25

Brief about Event

Department of Physics, Saurashtra University and Department of Nano Science and Advanced Materials, Saurashtra University in collaboration with IIC Saurashtra University was organized webinar on Prototype/Process Design and Development 27th May 2025 from 11:00 am to 12:00 pm. The webinar aimed to create awareness and provide insights into the importance of prototype development, process optimization and innovation in product design, especially in academic and research domains.

The keynote speaker for the session was Dr. Keval Gadani from Indian Institute of Teacher Education (IITE), Gandhinagar, who brought with him deep expertise in the fields of science and technology innovation. Dr. Gadani addressed the significance of prototypes in the innovation lifecycle and elaborated on how designing and refining processes play a crucial role in ensuring product success. He explained how early-stage prototyping helps in validating ideas, reducing risks, improving functionality, and aligning solutions with user needs and market expectations.

The session provided practical insights into process optimization techniques, highlighting their importance in enhancing the scalability, efficiency, and sustainability of innovative solutions. Through real-life academic and industry-oriented examples, Dr. Gadani emphasized how structured process design can support successful technology transfer and commercialization. The workshop also covered aspects like material selection, iterative design, and feedback-driven improvement—all critical elements in product and process development.

Overall, the workshop proved to be highly engaging and informative, drawing participation from a wide audience including students, faculty members, and research scholars from diverse disciplines. The participants appreciated the relevance of the topic and the clarity with which it was presented. The session not only helped in building foundational knowledge on prototype and process design but also motivated the academic community to integrate innovation practices in their research pursuits. Such initiatives continue to strengthen the university's ecosystem for innovation, entrepreneurship, and industry readiness.

Key Points

During the session, below mentioned points were discussed:

- Prototype Development
- Process Optimization
- Innovation Lifecycle
- Process Design
- Risk Reduction
- User Needs
- Iterative Design
- Material Selection
- Real-World Cases

Outcome

The outcome of the webinar was highly impactful, as it enhanced participants' understanding of the critical role of prototype and process design in innovation. Students, faculty, and research scholars gained practical insights into how early-stage prototyping, process optimization, and structured design approaches can transform ideas into viable, scalable solutions. The session fostered awareness about aligning innovations with user needs and market demands, encouraging attendees to integrate innovation practices into their academic and research pursuits. Overall, the workshop contributed to strengthening the university's innovation ecosystem and promoting a culture of research-driven entrepreneurship.

About the Speaker / Chief Guest



Dr. Keval Gadani

IITE
Gandhinagar

ONLINE WORKSHOP
Prototype/Process Design and Development

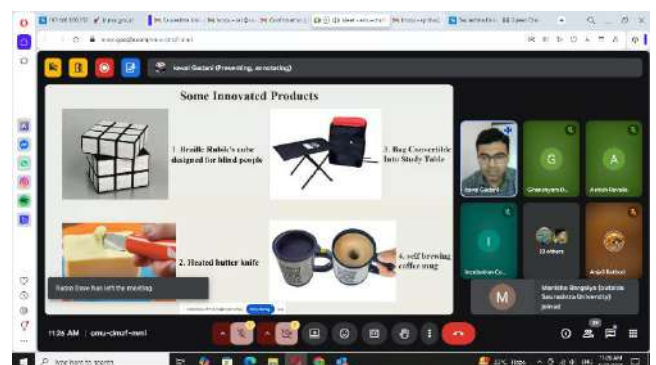
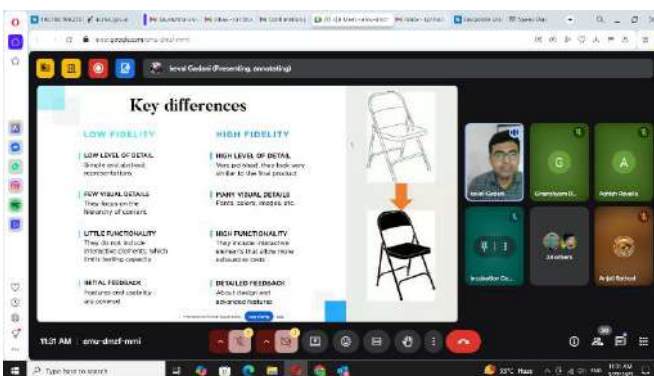
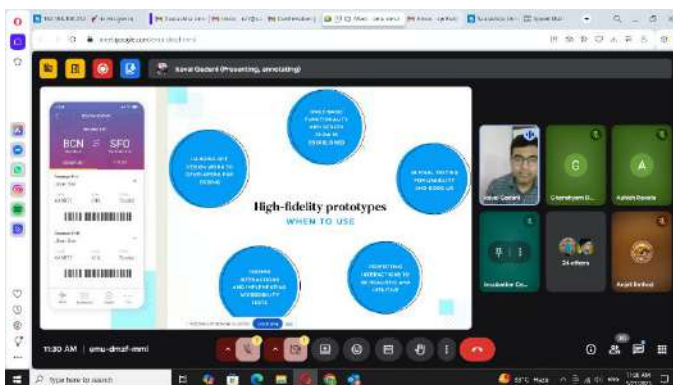
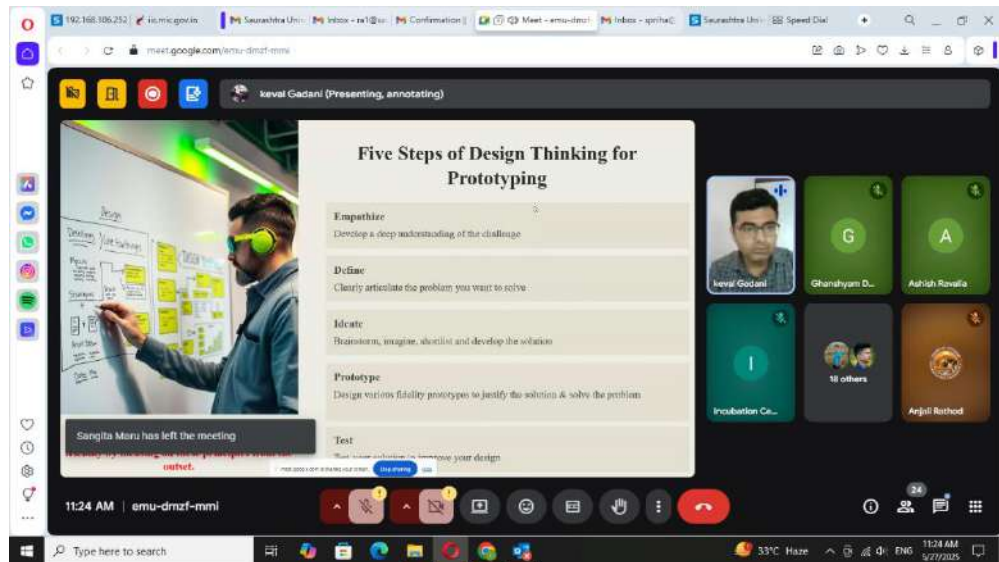
Department of Nano Science and Advanced Materials, Saurashtra University in collaboration with IIC Saurashtra University organizes online workshop on "Prototype/Process Design and Development"

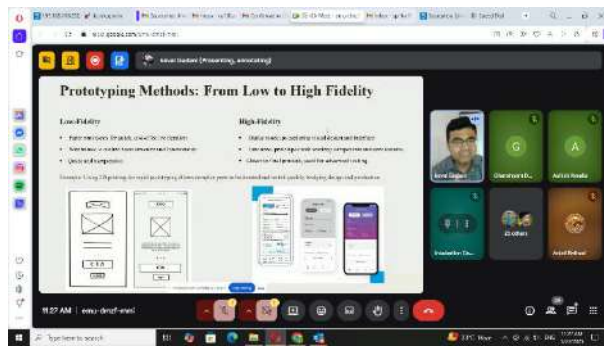
27th May, 2025
11:00 am to 12:00 pm

REGISTER NOW
bit.ly/SUSEC-PPDD25

Dr. Keval Gadani
IITE
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