



Institute of Advanced Research

The University for Innovation

Established under the Gujarat Private Universities Amendment Act 2011 and recognized under section 22 and 2(f) of UGC



A Report on Expert Talk on “Process of Innovation Development & TRL”

(Academic Session: 2024-25)

Organizing Committee:

SSIP, IAR

Event Coordinator:

Dr. Jyotin Kateshia
I/c. SSIP Coordinator, IAR

Date of the Event:

23rd January, 2025



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Name of the Event:	Expert talk on “Process of Innovation Development & Technology Readiness Level (TRL), Commercialization of Lab Technologies & Tech-Transfer”
Event Type (Co-curricular/ Extra-curricular):	Extra-Curricular
Platform:	Offline
Date, Time & Place:	23 rd January, 2025 2:00 PM to 4:00 PM (2 Hrs) Campus, IAR
Total Number of Participants: (Attendance sheet attached for reference in Annexure ‘A’)	55 Students
Guest/Expert invited	NA
Media coverage	NA
Link to session on online platform	NA
Payment advice from the Accounts department:	NA
Sponsoring authority	Institute of Advanced Research (IAR)



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Expert (Internal): Dr. Jyotin Kateshia – Assistant Professor, DCSE (SSIP Coordinator)

Brief biography of the expert:

Dr. Jyotin Kateshia is an Assistant Professor in the Computer Department at IAR, Gandhinagar where he has been actively contributing since the past 2 years. With a robust background in academics and research, Dr. Jyotin brings over a decade of teaching experience to his role, enriching the academic environment with his deep knowledge and innovative teaching methodologies.

In addition to his teaching responsibilities, Dr. Jyotin serves as the SSIP (Student Startup and Innovation Policy) Coordinator for the institute. His expertise in the SSIP field spans 5 years, during which he has been instrumental in fostering entrepreneurship and innovation among students.

Dr. Jyotin holds his academic qualifications from Nirma University, where he earned his doctoral degree in Mechanical-Renewable Energy. Passionate about education and fostering a culture of innovation, Dr. Jyotin continues to inspire and mentor students, preparing them for successful careers in the dynamic field of computer science and entrepreneurship.

Brief overview of the Event:

An expert talk was organized to delve into the critical aspects of innovation development, Technology Readiness Level (TRL), commercialization of lab technologies, and technology transfer. The session, held on 23rd January 2025, aimed at providing insights into how academic and research institutions can bridge the gap between lab-based innovations and market-ready products. Dr. Jyotin Kateshia, a distinguished expert in technology commercialization and innovation management, covered the stages of innovation development, the importance of TRL in assessing the maturity of technologies, and practical strategies for moving from research to commercialization. He elaborated on the role of intellectual property (IP) management, fostering industry collaborations, and the significance of scaling technologies to meet market demands. Students participated actively in the session, engaging in an insightful discussion on how to successfully transform research into impactful solutions. The expert also shared case studies and real-world examples of successful technology transfer, highlighting challenges and key success factors. Dr. Kateshia emphasized the need for effective communication between researchers and industry stakeholders, ensuring smooth transitions from concept to commercialization. The session offered a comprehensive overview of the commercialization process, helping students understand the broader landscape of technology transfer.



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Outcome of the Event:

The expert talk successfully highlighted the various stages involved in the development of innovations from conceptualization to market-ready solutions. The attendees gained a deeper understanding of TRL and how it helps assess the readiness of a technology for commercialization. Additionally, the session emphasized the importance of intellectual property management, partnerships, and collaborations between academia, industry, and government in successful technology transfer. Participants were introduced to the strategies of scaling research innovations, navigating the funding landscape, and overcoming regulatory hurdles. Dr. Jyotin Kateshia also discussed best practices for pitching lab innovations to investors and securing funding. Students were encouraged to think about their own research projects in terms of commercial potential. The event also sparked lively discussions on the role of technology transfer offices and incubators in supporting commercialization. As a result of the event, students were better equipped to think beyond academic research and consider the practical applications of their work.

Feedback from Attendees:

The session effectively bridged the gap between theoretical research and practical commercialization, providing attendees with a clear understanding of the innovation development process and Technology Readiness Levels (TRL). Students expressed that Dr. Jyotin Kateshia's expertise, along with his real-world examples, helped simplify complex concepts, leading to engaging discussions on how to transform academic innovations into commercially viable products. Students appreciated the practical tips on IP management, industry collaboration, and scaling technologies. The session not only enhanced their knowledge of technology transfer but also motivated them to consider the commercial potential of their own research projects. Overall, the expert talk was extremely valuable and gained positive feedback from the participating students.



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Report for social media: NA

Glimpses of “Expert talk on “Process of Innovation Development & Technology Readiness Level (TRL), Commercialization of Lab Technologies & Tech-Transfer” held on 23rd Jan, 2025:





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Media Coverage:

Link to the FB Page/Google Meet/YouTube etc.: NA

Acknowledgement –

The committee members acknowledges contribution of:

- Director, IAR
- Registrar
- Dean Academics
- Dean Research
- Coordinator SSIP-Dr. Jyotin Kateshia

Enclosures:

- Annexure- A (Attendance sheet)

Report Copied to: (attachment sent through email)

- Office of Director and Registrar
- Office of Dean Research and Academics
- SSIP/IIC Coordinator

Signature

Dr. Jyotin Kateshia
SSIP Coordinator

Date: 23-01-2025

Place: Gandhinagar



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Annexure-A

Attendance of Students:



Attendance of Students

Name of Event: Expert Talk on TPL

Venue: AB-1, IAR

Date: 23/01/2025

Sr. No.	Student Name	IAR Number	Department	Semester	Signature
1	Suthar Aryan	14967	DCSE	2	
2	Sharma Vishal	15099	DCSE	2	
3	Ajib	15386	"	2	
4	Dhanu	15428	"	2	
5	Sachin	15369	"	"	
6	SHUMYA	15368	"	"	
7	Poitech Suthar	15163	"	"	
8	Patil Bhavya	15415	"	"	
9	Patil Shreyas	15317	"	"	
10	Jayveer Salunkhi	15811	"	"	
11	Sujal Shah	15133	"	"	
12	Arun Patel	14890	"	"	
13	Tashta	14909	"	"	
14	Tanush	14920	"	"	
15	Ponnandu	14890	"	"	
16	pharmpa	14888	"	"	
17	Nishka	15075	"	"	
18	Anganshi	15682	"	"	
19	Jeet Redunika	15453	"	"	
20	Vaghela Kabanish	15861	"	"	
21	Trishita Barish	15220	"	"	
22	Rishi Patel	14963	"	"	



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23	Shivam Patel	15779	"	"	
24	Het U.	14829	"	"	
25	Darvik Patel	15431	"	"	
26	Jag D.	15455	"	"	
27	Kunth	15165			
28	Bhavya	15410			
29	Nisvady	15439			
30	Shikhe	15418			
31	Foram	15441			
32	Vaishnavi	15434			
33	Nidhi	15459			
34	Dhvani	15195			
35	Foram	15466			
36	Rebelle	15323			
37	Rishwa	15322			
38	Acha	14840			
39	Aastha	14909			
40	Tanush	14920			
41	Purnendu	14890			
42	Rishi	14963			
43	Het	14829			
44	Darvik				
45	Aditya	15036	"	"	
46	Nikunj	15443	"	"	
47	Kavughn	15478	"	"	



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Attendance of Students

Name of Event: Expert Talk on TPL

Venue: AB-II, IAR

Date: 23/01/2025

Sr. No.	Student Name	IAR Number	Department	Semester	Signature
48	Harshil	15442	11	11	
49	Dhruvya	15342	11	11	
50	Nitya	15788	4	4	
51	Pratham	15579	4	4	
52	Pousha	14852			
53	Niya	14825			
54	Princee	14916			
55	Vaishvi	14932			