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**SHREE L. R. TIWARI
DEGREE COLLEGE**

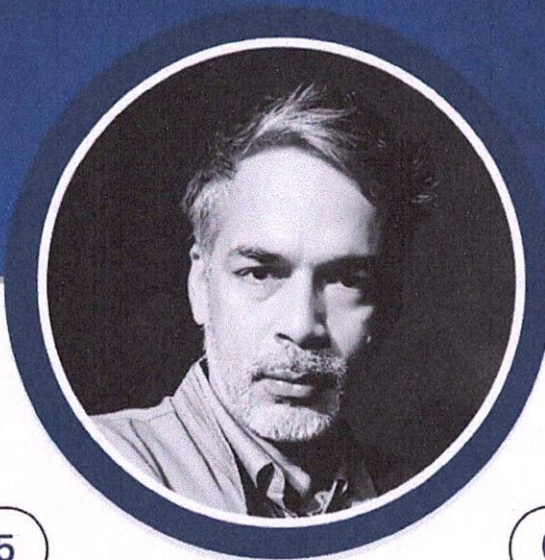
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Department of Research & Development and IIC Cell of SLRTDC

Organises

An expert talk on Innovation Development, Technology Readiness Level (TRL),
Commercialization of Lab Technologies & Tech - Transfer



24th February, 2025



03:00 pm onwards

Speaker

Mr. Shanti Bhushan Roy

Venue: Seminar Hall

PARTICIPANTS: OPEN TO ALL BRANCHES FROM SE TO BE (STUDENTS) AND FACULTIES.



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www.slrtdc.in



1800 210 1002



“Report on “Expert Talk on Innovation Development, Technology Readiness Level (TRL), Commercialization of Lab Technologies & Tech-Transfer”

Topic: Innovation Development, Technology Readiness Level (TRL), Commercialization of Lab Technologies & Tech-Transfer

Date: 24th March 2025

Organized by: Department of Research & Development and IIC Cell of SLRTDC

Speaker: Mr. Shanti Bhushan Roy

Target Audience: Students from All Departments

Venue: Offline Mode

Time: 3 p.m. onwards

Participants:

Male: 39

Female: 33

Total: 72

Feedback Link : <https://forms.gle/AESWtWewsAXZkAz29>

Introduction

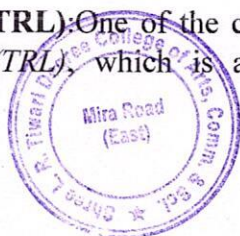
The Department of Research & Development and the IIC Cell of SLRTDC organized an expert talk on Innovation Development, Technology Readiness Level (TRL), Commercialization of Lab Technologies, and Technology Transfer on 24th March 2025. The event was held in the seminar hall from 3:00 PM onwards and was open to students and faculty across all streams. The session aimed to provide insights into the critical processes of innovation development, the evaluation of technologies, and strategies for successful commercialization and tech-transfer.

Speaker Profile

The session was led by **Mr. Shanti Bhushan Roy**, an esteemed expert with extensive experience in technology transfer, innovation strategies, and commercialization. With his vast industry experience and knowledge in developing and scaling up new technologies, Mr. Roy shared practical insights that are crucial for students, researchers, and entrepreneurs alike.

Key Highlights of the Session

1. **Innovation Development:** Mr. Roy began by explaining the concept of innovation in the context of scientific research and technology. He stressed that innovation is not just about developing something new but also about finding practical solutions to existing problems.
2. **Technology Readiness Levels(TRL):** One of the core topics of the session was the *Technology Readiness Levels (TRL)*, which is a systematic framework used to



evaluate the maturity of a technology. Mr. Roy provided a detailed explanation of the TRL scale, ranging from TRL 1 (basic principles observed) to TRL 9 (technology proven in operational environment). He discussed the challenges and milestones that occur at each level and emphasized how researchers can align their innovations with the TRL framework for better commercialization prospects.

3. **Commercialization of Lab Technologies:** Mr. Roy discussed the strategies and processes involved in this transition, including intellectual property rights (IPR), patenting, and licensing. He shared case studies of successful commercialization and provided valuable tips on how researchers can navigate the challenges of scaling their technologies from the lab to the market.
4. **Technology Transfer:** Technology transfer was another key theme of the talk. Mr. Roy explained the concept of technology transfer as the process of transferring knowledge, skills, or technology from one entity to another. He elaborated on the importance of building strong networks with industries, academic institutions, and government bodies to facilitate successful technology transfer. He also discussed the different models of tech transfer, including licensing, joint ventures, and startups.
5. **Challenges and Opportunities:** The speaker emphasized the various challenges faced during the commercialization process, including funding, market competition, and regulatory issues. However, he also pointed out the vast opportunities for researchers, entrepreneurs, and students in the growing global innovation ecosystem. He encouraged the attendees to focus on identifying market needs, collaboration, and continual improvement as keys to success.
6. **Interactive Session:** Following the presentation, there was an interactive session where attendees were able to ask questions and discuss real-world issues. The audience, consisting of students and faculty from various streams, engaged actively with the speaker, particularly around topics like patenting procedures, funding opportunities, and the role of incubators in technology transfer.
7. **Conclusion**

The expert talk by Mr. Shanti Bhushan Roy was insightful and highly informative, offering a deep dive into the complexities of innovation development, the TRL framework, commercialization, and technology transfer. The session provided valuable guidance to those interested in the commercialization of lab technologies and the necessary steps to move research into real-world applications.

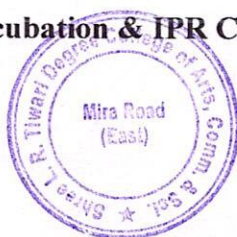
The Department of Research & Development and IIC Cell of SLRTDC concluded the event by thanking Mr. Roy for his expertise and engaging delivery. The event was a significant success and offered practical insights to students and faculty across all disciplines, fostering a spirit of innovation and entrepreneurship.

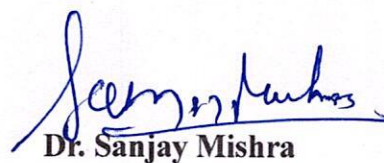

Dr. Jinal Mehta

IIC Convenor


Dr. Vaishali Kothiya

Dean - Research, Innovation,
Incubation & IPR Cell




Dr. Sanjay Mishra

IIC Principal

Shree L. R. Tiwari Degree College of Arts, Comm. & Sci.
Kanakia Park, Mira Road (East),
Dist. Thane - 401107. Maharashtra

Glimpses of the Event:





Feedback Analysis: "An Expert talk on Innovation Development Technology Readiness Level (TRL) Commercialization of Tech-Transfer"

Thank you for participating in the session organized by the Research, Innovation, Incubation & IPR Cell, in collaboration with IIC of Shree L.R. Tiwari Degree college of Arts, Commerce & Science. Your presence at the session titled Workshop on "An Expert talk on Innovation Development Technology Readiness Level (TRL) Commercialization of Tech-Transfer" are greatly appreciated. The aim of this session is to inspire and equip participants with insights into entrepreneurship as a viable and rewarding career opportunity. We value your feedback and invite you to share your thoughts and experiences to help us improve future events. Please take a moment to complete this feedback form.

Topic: "An Expert talk on Innovation Development Technology Readiness Level (TRL) Commercialization of Tech-Transfer"

Date: 24th Feb,2025

Resource Person: Mr. Shanti Bhushan Roy

Time: 03.00 pm onwards

Mode: Offline

Q.1 How would you rate the diversity and expertise of the Speaker person?

How would you rate the diversity and expertise of the Speaker person ?

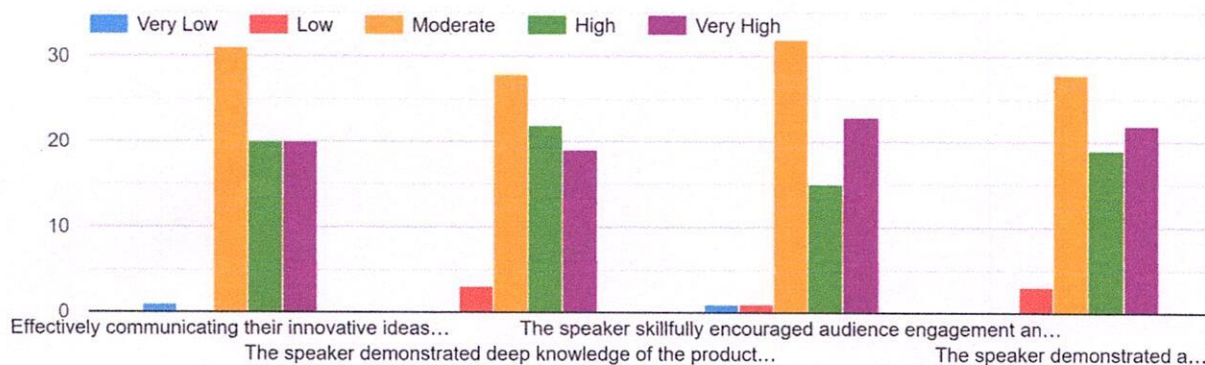


Figure: 1.1

Inferences: The feedback chart evaluates the diversity and expertise of the speaker in the expert talk on "Innovation Development, Technology Readiness Level (TRL), and Commercialization of Tech-Transfer." The majority of responses fall under the "Moderate" category (orange) across various aspects, including communication of innovative ideas, audience engagement, and knowledge demonstration. A significant portion also rated the speaker as "High" (green) and "Very High" (purple), reflecting strong expertise and effectiveness. Minimal responses in the "Very Low" (blue) and "Low" (red) categories indicate that the speaker was generally well-received. Overall, the data suggests that the speaker was knowledgeable and engaging, but there is room for improvement to achieve higher levels of excellence and impact.





Q.2 Please rate your satisfaction with this session.

Please rate your satisfaction with this session

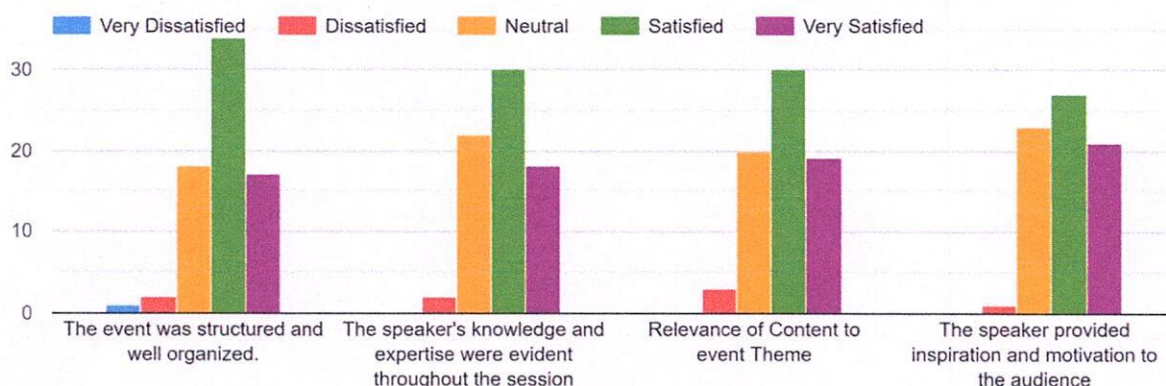


Figure: 1.2

Inferences: The feedback chart reflects participants' satisfaction with the expert talk on "Innovation Development, Technology Readiness Level (TRL), and Commercialization of Tech-Transfer." The majority of responses fall under the "Satisfied" category (green) across all aspects, including event structure, speaker expertise, content relevance, and audience motivation. A notable portion also rated their experience as "Very Satisfied" (purple), indicating strong approval. The "Neutral" category (orange) is also present, suggesting some attendees found areas for improvement. Minimal responses in "Very Dissatisfied" (blue) and "Dissatisfied" (red) indicate an overall positive reception. The data suggests that the session was well-organized, informative, and engaging, with opportunities for further enhancement to maximize participant satisfaction.

Q.3 How would you rate your overall experience at the session?

How would you rate your overall experience at the session?

72 responses

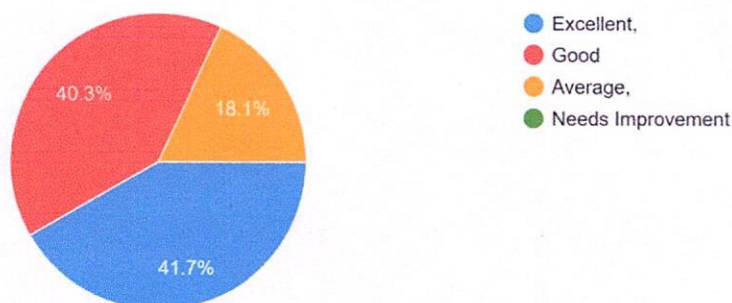
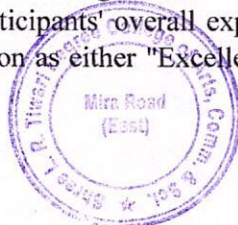


Figure:1.3

Inferences: The pie chart presents participants' overall experience at the session, with a total of 72 responses. The majority rated the session as either "Excellent" (41.7% in blue) or "Good" (40.3% in red).





red), indicating a highly positive reception. A smaller portion, 18.1% (orange), rated it as "Average," suggesting that while the session was informative, there were areas that could be enhanced. Notably, there is no visible representation of the "Needs Improvement" category (green), highlighting that the session met or exceeded expectations for most attendees. Overall, the feedback suggests a well-received and engaging session with room for minor improvements to achieve even higher satisfaction levels.

Q. 4 How relevant and useful was the information provided in the session?

How relevant and useful was the information provided in the session?

72 responses

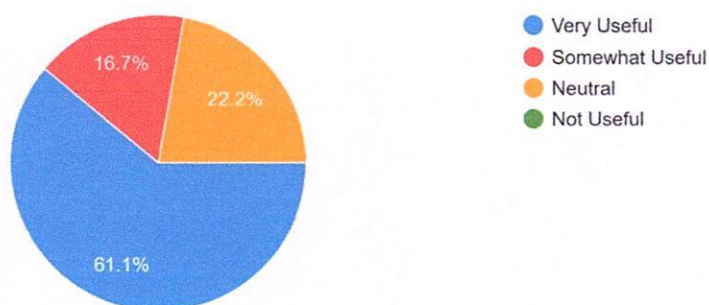


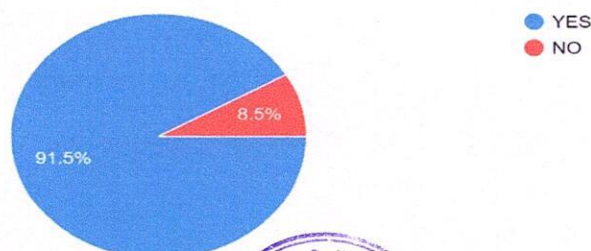
Figure:1.4

Inferences: The pie chart illustrates participants' feedback on the relevance and usefulness of the information provided in the session, with 72 responses. A majority, 61.1% (blue), found the session "Very Useful," indicating that the content was highly informative and beneficial. Additionally, 22.2% (orange) rated it as "Neutral," suggesting that while the information was relevant, it may not have been entirely impactful for some attendees. Meanwhile, 16.7% (red) considered it "Somewhat Useful," indicating that certain aspects could be improved. Notably, no responses indicate the session was "Not Useful" (green), reflecting an overall positive perception of the session's content, with some room for enhancement to maximize its effectiveness.

Q. 5 Has this session An Expert talk on Innovation Development Technology Readiness Level(TRL) Commercialization of Tech-Transfer " motivated you to consider these fields more seriously for your future endeavors

"Has this session An Expert talk on Innovation Development Technology Readiness Level(TRL) Commercialization of Tech-Transfer " motivated yo...se fields more seriously for your future endeavors

71 responses





Shree Rahul Education Society's (Regd.)


SHREE L. R. TIWARI DEGREE COLLEGE


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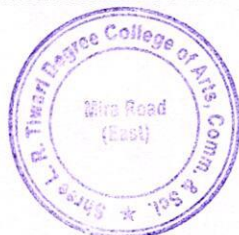
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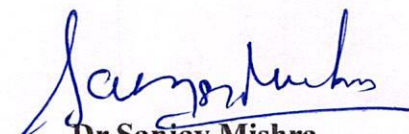
Figure:1.5

Inferences: The pie chart represents participants' responses regarding whether the expert talk on Innovation Development, Technology Readiness Level (TRL), and Tech-Transfer commercialization motivated them to consider these fields for future endeavours. Out of 71 responses, a significant majority (91.5% in blue) answered "YES," indicating that the session was highly impactful and successfully inspired attendees to explore these areas further. A small percentage (8.5% in red) responded "NO," suggesting that while the session was informative, it did not influence everyone equally. Overall, the session appears to have been highly effective in encouraging interest and engagement in the discussed fields.


Dr. Jinal Mehta
IIC Convenor


Dr. Vaishali Kothiya
Dean - Research, Innovation,
Incubation & IPR Cell




Dr. Sanjay Mishra
IIC Principal
Shree L. R. Tiwari Degree College of Arts, Comm. & Sci.
Kanakia Park, Mira Road (East),
Dist. Thane - 401107, Maharashtra



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(TR)

Leadiness level

Name of the Event: An Expert talk on Innovation Development TechnologyName of the Department/Committee/Cell/Club: Research, Innovation, Incubation & PR CellName of the Speaker: Mr Shanti Bhushan Roy Date: 24/12/2025

Sr. No.	Name of the Student	Class	Gender M/F	Signature
1.	Shreya Gupta.	TYBAF	F	Shreyagupta
2.	Jyotsana Yadav	TYBAF	F	Jyotsana
3.	Alpana Ram	TYBAF	F	Alpana
4.	Riddhi Tiwari	TYBAF	F	Riddhi
5.	Pragya M. Yadav	TYBAF	F	Pragya
6.	Shruti A. Malviya	TYBAF	F	Shruti
7.	Jaya Gupta	SYBCOM	F	Jaya
8.	Ronit Khedekar	SYBCOM	M	
9.	Mujeeba Tanwalla	SYBAF	F	Mujeeba
10.	Bhoomi Dhanu	SYBMS	F	Bhoomi
11.	Saumya Shukla	SYBMS	F	Saumya
12.	Bhavya Daaniya	SYBAMMC	F	Bhavya
13.	Ritika Pabey	SY-Bcom	F	Ritika
14.	Neetu Chaudhary	SY-Bcom	F	Neetu
15.	Ankit Grehlot	SY-Bcom	M	Ankit
16.	Choudhary Dimple	SY-Bcom	F	Dimple
17.	Krishna Grehlot	SY-Bcom	M	Krishna
18.	Khushi Pabey	SY-Bcom	F	Khushi
19.	Vishnu Menon	TYBAF	M	Vishnu
20.	Arish Khem	SY/Bcom	M	Arish
21.	Muzaffar Mohammed	SYBCOM	M	Muzaffar
22.	Sujal Shaw	FYBcom	M	Sujal
23.				
24.				
25.				





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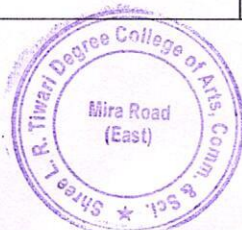
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Readiness level (TRL)

Name of the Event: An Expert talk on Innovation Development, TechnologyName of the Department/Committee/Cell/Club: Research, Innovation Incubation & IPRName of the Speaker: Mr. Shanti Bhushan Roy Date: 24/02/2025

Sr. No.	Name of the Student	Class	Gender M/F	Signature
1.	Pothak Sneha	F.Y.B.COM	Female	Sneha
2.	Meheri Sharey	F.Y.B.COM	Female	Meheri
3.	Raina Shubaily	F.Y.B.COM	Female	Raina
4.	Aditi Tiwari	F.Y.B.COM	Female	Aditi
5.	Niharika Rawat	F.Y.B.COM	F	NB
6.	Vaishnav Singh	F.Y.B.COM	Female	Vaishnav
7.	Urvhi Palan	F.Y.B.COM	F	Urvhi
8.	Sharanya Shetty	F.Y.B.COM	F	Sharanya
9.	Kamlesh Rana	F.Y.B.COM	Male	KR
10.	Tanveer Kik	F.Y.B.COM	Male	Tanveer
11.	Shamsi Mohd. Waqar	F.Y.B.COM	Male	Shamsi
12.	Saurav Pal	F.Y.B.COM	M	Saurav
13.	Aakarshita S. Pondey	F.Y.B.COM	Male	Pondey
14.	Ronak Raj	F.Y.B.COM	Male	Ronak
15.	Muddassir Tanwar	F.Y.B.COM	Male	Muddassir
16.	Rampersad	F.Y.B.COM	Male	Rampersad
17.	Prathmesh Upadhyay	F.Y.B.COM	Male	Prathmesh
18.	Saymad Sheikh	F.Y.B.COM	Male	Saymad
19.	chetan sharma	F.Y.B.COM	male	chetan
20.	Aditya sharma	F.Y.B.COM	male	Aditya
21.	Abreen Khan	F.Y.B.COM	female	Abreen
22.	Nida Sayyed	F.Y.B.COM	Female	Nida
23.	Alfiya Shaikh	F.Y.B.COM	Female	Alfiya
24.	Pooja Verma	F.Y.B.COM	Female	Pooja
25.	Niharika Yadav	F.Y.B.COM	Female	Niharika



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Attendance Sheet

Readiness level (1st)

Name of the Event: An Expert talk on Innovation DevelopmentName of the Department/Committee/Cell/Club: Research Innovation Incubation & PR CellName of the Speaker: Mr. Shanti Bhushan Roy Date: 24/02/2025

Sr. No.	Name of the Student	Class	Gender M/F	Signature
1.	Pranshu Gond	FYIT	M	Pranshu
2.	Shubham Singh	FYIT	M	Shubham
3.	Neil Patere	FYIT	M	Neil Patere
4.	Abhishek Tiwari	FYIT	M	Abhishek
5.	Sufiyam Siddiqui	FYIT	M	Sufiyam
6.	LAVESH MORE	FYIT	M	LAVESH
7.	Prathmesh vijay mare	FYIT	M	Prathmesh
8.	Sunny mawrya	FYIT	M	Sunny
9.	Abhishek Ramkumar Sharma	FYIT	M	Abhishek
10.	Shivam Yadav	FYIT	M	Shivam
11.	Krishna Malviya	FYIT	M	Krishna
12.	Anupam Dubey	FYIT	M	Anupam
13.	Vivek Yadav	FYIT	M	Vivek
14.	Gaurav Doiphode	FYIT	M	Gaurav
15.	Karan Chauhan	FYIT	M	Karan
16.	Aman Yadav	FYIT	M	Aman
17.	Nishita Vishwakarma	FYIT	F	Nishita
18.	Khun Yasmeen Warsi	FYIT	F	Yasmeen
19.	Ujala Mishra	FYIT	F	Ujala
20.	Pooja. PiPla	FYIT	F	Pooja
21.	Dhruvi Dhadhi	FYIT	F	Dhruvi
22.	Sneha Pal	FYIT	F	Sneha
23.	Priganka. Chaurbe	FYIT	F	Priganka
24.	Au Abbas	FYIT	M	Au
25.	Shaikh Ashaon	FYIT	M	Ashaon

