



RAHUL COLLEGE OF EDUCATION

UGC Recognition under sec 2(f) of the UGC Act 1956 | N.C.T.E. Reg. No. WRC/5-6/89/2006 Dtd. 27/09/2006 Code No. APW03437/123403 Affiliated To University of Mumbai
AFF/RECOG.1/1249 of 2007 Dtd. 18 Feb. 2007 | NAAC Accredited with Grade "B++" (1st Cycle) | College Code : 767 | Hindi Linguistic Minority Institution



Ministry of
Education
Government of India



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education, Government of India)



Research , Innovation Incubation & IPR Cell in Collaboration with IIC organises

Report on Expert Talk on "Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercialisation of Lab Technologies & Tech-Transfer"

Date: 24/02/2025

Venue: Shri LR Tiwari Educational Campus

Organized by: Rahul College of Education

Speaker: Mr Shanti Bhushan Roy

The expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" and "Commercialisation of Lab Technologies & Tech-Transfer" was organized to enlighten students, faculty, and researchers on the significance of innovation, technology readiness, and the journey of commercializing research-based products.

Session Highlights:

The session commenced with an introduction to the **Process of Innovation Development**, where the speaker elaborated on how an idea transforms into a marketable product. Key stages discussed included ideation, prototyping, validation, and deployment.

The concept of **Technology Readiness Level (TRL)** was a major focus, explaining the nine levels, ranging from basic research (TRL 1) to system deployment in operational environments (TRL 9). The speaker emphasized the importance of scaling technologies through structured development phases to ensure readiness for industry adoption.

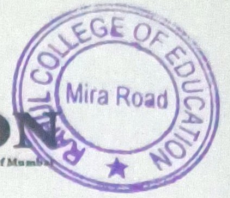
In the second part of the session, **Commercialisation of Lab Technologies & Tech-Transfer** was addressed. The expert highlighted:

- The importance of protecting intellectual property (IP) through patents.
- The role of industry collaborations and government support in tech commercialization.
- Case studies of successful technology transfers from research labs to industry.
- Challenges in bridging the gap between research and commercialization, along with strategies to overcome them.



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AFF/RECOG.1/1249 of 2007 Dtd. 28 Feb. 2007 | NAAC Accredited with Grade "B++" (1st Cycle) | College Code : 767 | Hindi Linguistic Minority Institution



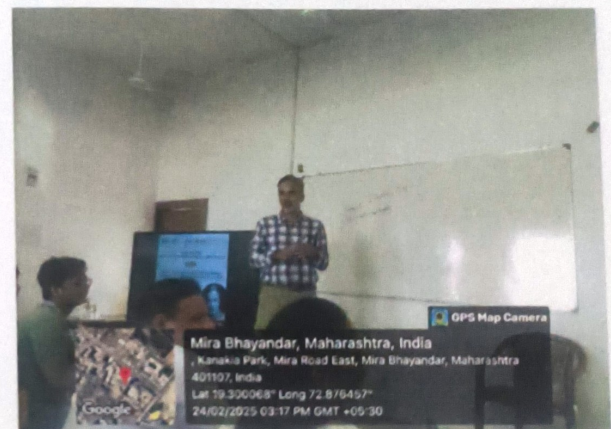
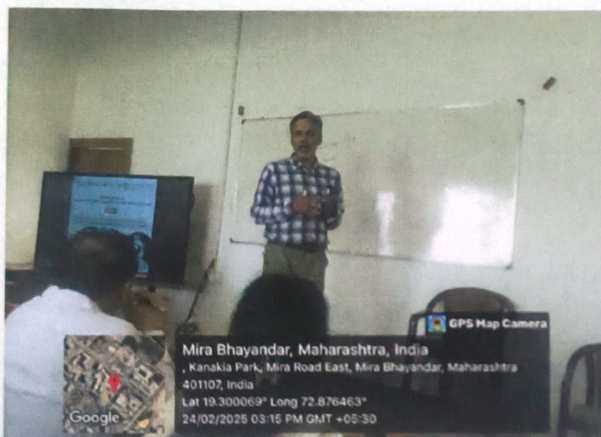
The interactive session concluded with a Q&A, where attendees clarified doubts on innovation policies, funding opportunities, and the role of academic institutions in fostering entrepreneurship.

Learning Objectives:

1. To understand the step-by-step process of innovation development and the role of Technology Readiness Levels (TRL) in assessing technological maturity.
2. To explore the mechanisms of commercializing lab-based technologies and the importance of intellectual property rights, industry partnerships, and technology transfer.

Learning Outcomes:

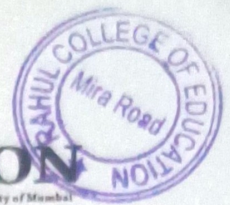
1. Participants gained insights into the structured process of innovation and how to assess the readiness of technology for commercialization.
2. Attendees developed an understanding of the strategies and challenges involved in tech transfer, enabling them to contribute effectively to research commercialization in their respective domains.





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**Department of
Research & Development and IIC Cell of RCOE**

Organizes

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

Speaker
Mr. Shanti Bhushan Roy

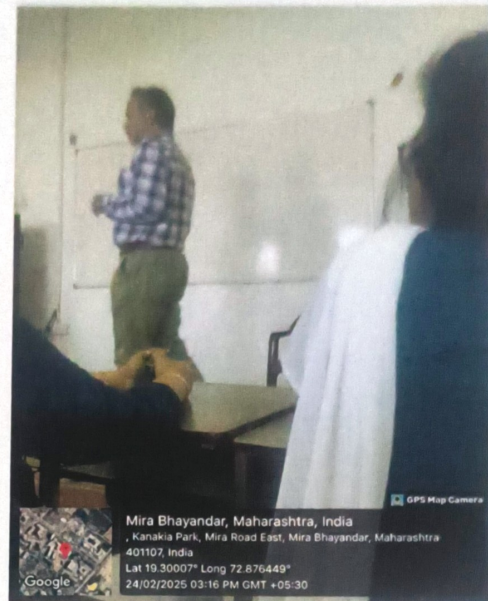


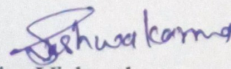
EVENT DETAILS

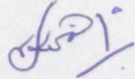
Date : 24th February, 2025
Time : 03:00 pm onwards

Participants : OPEN TO ALL BRANCHES
FROM RE TO BE (STUDENTS) AND FACULTIES

rahul_bed@rahuleducation.com www.rahul-edr.org 1800 210 1002




Sarita Vishwakarma
IIC Convener


Dr Frances Vaidya
Principal
PRINCIPAL
RAHUL COLLEGE OF EDUCATION
Shree L. R. Tiwari Educational Campus
Mira Road (E)