



Uka Tarsadia University

Department of Physics

**Report on Expert Lecture on Exploring
Current Research Area in
Physics and Materials Science**

Date: 20 January, 2025

Venue: Online

Time: 11:30 AM onwards

Total No. of Participants: 73 (31 Female and 42 Male)

Name of the Expert: Dr. Harsh Chaliyawala (outside UTU)

Expert: Dr. Harsh Chaliyawala is working as Research Associate at Université de Lille, France

Event Coordinator: Dr. Kinjal Patel

Program objective: To provide insights into current research trends and advancements in physics and materials science through an expert lecture.

Program outline: The program featured a lecture by an expert highlighting cutting-edge developments in physics and materials science, emphasizing their applications and future scope. It aimed to foster knowledge exchange and inspire academic and research pursuits among participants.

Program outcomes: Participants gained an understanding of contemporary research challenges and innovations in physics and materials science. The session enhanced their awareness of interdisciplinary approaches, advanced materials, and techniques, encouraging collaboration and exploration in these domains. Students and researchers were motivated to pursue innovative solutions to complex scientific problems.

Schedule of Events:

Time	Activity
11:30 – 11:35 AM	Welcome Address
11:35 – 12:40 PM	Expert Talk
12:40 – 12:45 PM	Feedback of Participants
12:45 – 12:50 PM	Vote of Thanks

Key Highlights:

- Focuses on cutting-edge research areas, including advanced materials, quantum mechanics, and nanotechnology.
- Real-world applications of physics and materials science in technology and innovation were discussed.
- The session inspired students and researchers to explore interdisciplinary collaborations and pursue innovative projects.
- The event facilitated knowledge exchange and connections among students, researchers, and faculty members.

Guest Lecture on Exploring
**Current Research Area in
Physics and Materials Science**

Organized by,
Department of Physics, Uka Tarsadia University

Lecture delivered by
Dr. Harsh Chaliyawala
Research Associate,
Université de Lille, France

Event Coordinator
Dr. Kinjal Patel
Assistant Professor,
Department of Physics, UTU

Universit  de Lille

Date and Time (Virtual mode)
20 January, 2025 at 11:30 AM IST

<https://forms.gle/9W8v2C6d8m2v9r7?>

harsh chaliyawala (Presenting)

Current Research Area in
Physics and Materials Science

Dr. Harsh Chaliyawala, PhD, Physics
Research Associate
Universit  de Lille,
Universit  de Lille, France

UTU
Uka Tarsadia University

Kinjal Patel
Anas Fazal
chandru ganit
Jaymin Ray
11 others

11:35 AM | eyz--qrez-ghg

Concluding Remarks

- The expert lecture provided invaluable insights into the latest advancements in physics and materials science, inspiring participants to explore innovative research avenues and contribute meaningfully to these dynamic fields.
- NAAC criteria: **5 and 7**

Report prepared by Dr. Kinjal Patel

Date: 21 January 2025

Ashish Mehta
Sign of the HOD

