



KN UNIVERSITY
Gota, Ahmedabad.



Event Report

Particular	Details
Program	International Experts Talk on: Climate change, remote sensing and forests & Accelerating Scientific Simulation: Bridging Mathematics Artificial Intelligence for Industrial Applications
Organized Under	SSIP 2.0
Date	18th August 2026
Total Participants	300 Students
Venue	KN University, KN City, SG Highway, Gota, Ahmedabad
Coordinator	Mr. Adarsh Bhadoria
Participants	Students having an interest in the respective subject areas
Chief University Representatives Present	Hon'ble Vice Chancellor and Registrar, KN University
Particular	Details

Introduction

KN University, Ahmedabad, under the **SSIP 2.0 initiative**, organized two insightful international Expert Talks on 18th August 2026. The sessions were designed to provide students with exposure to contemporary developments in scientific research, artificial intelligence, industrial applications, climate change, remote sensing, and forest monitoring.

The expert sessions featured distinguished international speakers who shared their professional experiences, technical knowledge, and practical insights with students. The sessions focused particularly on connecting academic concepts with their **real-world and industrial applications**, enabling students to understand how emerging technologies and scientific approaches can be applied to solve practical challenges.

A total of **300 students** with an interest in the respective topics participated in the sessions. The presence of the Hon'ble Vice Chancellor and Registrar further encouraged students and highlighted

the university's commitment towards promoting innovation, research exposure, and meaningful interaction with international experts.

Objectives of the Program

The Expert Talks were organized with the following objectives:

- To provide students with exposure to international experts and contemporary areas of knowledge.
- To help students understand the practical and industrial applications of scientific concepts.
- To create awareness about emerging applications of **Artificial Intelligence, mathematical modelling, scientific simulation, remote sensing, and climate-related technologies**.
- To encourage students to connect classroom learning with real-world industrial and research applications.
- To motivate students to explore interdisciplinary areas of research and innovation.
- To provide students with opportunities to interact directly with international experts and clarify their academic and technical queries.
- To strengthen the culture of innovation, research, and experiential learning under **SSIP 2.0**.

Overview of the Program

The program consisted of two international Expert Talk sessions conducted on 18th August 2026.

Session 1: Climate Change, Remote Sensing and Forests

Expert: Dr. Tuomo Kauranne

Designation: Founder

Organization: Oy Arbonaut Ltd., Finland

Time: 01:45 PM onwards

Dr. Tuomo Kauranne delivered an informative session on **“Climate Change, Remote Sensing and Forests.”** The session introduced students to the importance of remote sensing technologies in understanding and monitoring forests and environmental changes.

The expert discussed the relevance of remote sensing and related technologies in real-world applications, particularly in the context of forests and climate change. Students were provided with insights into how technological tools can support environmental monitoring and contribute to better understanding and management of natural resources.

The session helped students appreciate the connection between technological innovation, environmental challenges, and practical applications.

Session 2: Accelerating Scientific Simulation

Expert: Prof. (Dr.) W.H.A. (Wil) Schilders

Organization: Eindhoven University of Technology

Position: ICIAM President (2023–2027)

Time: 02:30 PM onwards

Prof. (Dr.) W.H.A. (Wil) Schilders delivered an expert session on **“Accelerating Scientific Simulation: Bridging Mathematics Artificial Intelligence for Industrial Applications.”**

The session focused on the role of mathematics and Artificial Intelligence in scientific simulation and their growing importance in industrial applications. The expert explained how mathematical approaches and AI can work together to address complex problems and improve practical solutions in different industrial contexts.

Students gained exposure to the relevance of scientific simulation, mathematical modelling, and Artificial Intelligence beyond theoretical academic learning. The session encouraged students to explore how these areas can contribute to innovation, research, and industrial problem-solving.

Key Highlights of the Sessions

- Interaction with distinguished international experts from **Finland and Eindhoven University of Technology**.
- Exposure to the practical and industrial applications of the respective subject areas.
- Understanding the role of **Artificial Intelligence and mathematics in scientific simulation**.
- Awareness of applications of **remote sensing in climate change and forest-related studies**.
- Discussion on how emerging technologies can be applied to real-world challenges.
- Opportunity for students to understand the relevance of interdisciplinary knowledge.
- Students actively participated and showed interest in the topics discussed.
- A few students interacted directly with the experts and raised questions related to the subjects.
- The sessions provided students with valuable international academic and professional exposure.

Learning Outcomes

The Expert Talks enabled students to:

- Understand the practical relevance of scientific and technological concepts.
- Gain awareness of industrial applications of Artificial Intelligence and scientific simulation.
- Understand the role of remote sensing in monitoring forests and studying climate-related challenges.
- Develop an interdisciplinary perspective towards technology, science, and industrial problem-solving.
- Gain exposure to international expertise and professional perspectives.
- Recognize opportunities for further learning, research, and innovation in emerging fields.
- Develop greater interest in connecting academic knowledge with practical applications.

Impact of the Program

The Expert Talks had a positive impact on the participating students by providing them with direct exposure to international experts and their professional experiences. With **300 students** participating, the sessions created a valuable platform for students interested in related fields to learn about emerging technologies and their applications.

The discussions helped bridge the gap between theoretical academic learning and practical industrial applications. Students were able to understand how subjects such as Artificial Intelligence,

mathematics, scientific simulation, remote sensing, climate studies, and forest monitoring can be applied to address real-world challenges.

The interactive component of the sessions, including questions raised by students, further enhanced their engagement and encouraged them to think about the practical and research possibilities associated with the topics.

The initiative also reflected KN University's commitment under **SSIP 2.0** to promote innovation, research exposure, industry-oriented learning, and interaction with experts from diverse professional backgrounds.

Conclusion

The International Expert Talks organized by **KN University under SSIP 2.0 on 18th August 2026** were successfully conducted with the participation of approximately **300 students** interested in the respective areas.

The sessions by **Dr. Tuomo Kauranne** on *"Climate Change, Remote Sensing and Forests"* and **Prof. (Dr.) W.H.A. (Wil) Schilders** on *"Accelerating Scientific Simulation: Bridging Mathematics Artificial Intelligence for Industrial Applications"* provided students with valuable insights into emerging technologies and their real-world applications.

The interaction with international experts broadened students' perspectives and encouraged them to explore interdisciplinary learning, research, innovation, and industrial applications. The active participation and questions from students reflected their interest in the subjects.

The successful organization of these sessions further strengthened KN University's efforts to provide students with meaningful exposure to global expertise and to foster a culture of innovation and experiential learning through **SSIP 2.0**.

Glimpse of the Event



