



**Malaviya National Institute of Technology Jaipur**  
**Department of Physics**

# HUMBOLDT LECTURE

In Association with  
**Humboldt Academy of Rajasthan**



**07 March 2025 | 04:00 PM**



**Advanced Materials Steering  
Health and Energy Transition &  
Research Opportunities in Germany**

## **Prof. Sanjay Mathur**

Director, Institute of Inorganic and Materials Chemistry

**University of Cologne, Germany**

*Alexander von Humboldt Fellow*

Sanjay Mathur is a Chair Professor and Director of the Institute of Inorganic Materials Chemistry at the University of Cologne in Germany. He is also the Director of the Institute of Renewable Energy Sources at the Xian Jiao Tong University, Xian, China and a World Class University Professor at the Chonbuk University in Korea. He is a Distinguished Professor at IIT Madras, India. His research interests focus on application of nanomaterials and advanced ceramics for energy technologies. He holds several patents and has authored/ co-authored over 540 original research publications (h index, 78) and has edited several books. He serves as the Editor-in-Chief for Journal of Electro ceramics, and Editor for Nano Energy. He is an Academician of the World.

Academy of Ceramics and Fellow of the American Ceramic Society and ASM International. He was awarded the Honorary Doctorate of the Vilnius University in 2016. He is a Fellow of ACerS, ASM International and MRS. He was elected Fellow of the European Academy of Science in 2020 and as foreign Fellow of National Academy of Science, India in 2021. He was awarded the Woody White Award of the Materials Research Society (MRS) in 2021 and had received the Medal of the Chemical Research Society of India (2022). He is also the recipient of the Materials Frontiers Award (2022) of the International Union of Materials Research Society (IUMRS, 2022). He has served as the President of the American Ceramic Society (ACerS, 2022-23), USA. He was recognized by the Orton Jr. Lecture (2022/23) of the ACerS. He is the Secretary of IUMRS, and he serves on the Boards of European Science Council, German Ceramic Society and German Materials Society. He was recognized with the M L Bhagat award of the Indian Ceramic Society (2024).

**Venue**

**Diksha Sabhagar (Mini Auditorium), Prabha Bhawan,  
Malaviya National Institute of Technology Jaipur**

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