

## List of Keynote Lectures / Invited Talks

- Delivered an invited talk as a keynote speaker on "**Electrostatic Spraying for Health and Hygiene**" at the RESIM conference on the theme of **Manufacturing for Secure Societies** held at the **Polytechnic Institute of Leiria, Portugal** on June 03, 2022.
- Delivered an invited talk on "**Innovation and Applied Research for Atma Nirbharta**" at the Faculty Development Programme organised by the Rural Development Department, **National Institute of Technical Teachers Training & Research (NITTTR)**, Chandigarh on May 26, 2022.
- Delivered an invited talk on "**Translational Research, Technology Development and Industry Connect**" at the 8<sup>th</sup> GURU DAKSHTA (Faculty Induction Programme) organised by the **UGC-Human Resource Development Centre, University of Allahabad** on April 18, 2022.
- Delivered an invited talk on "**Road to Scientific Success**" at the event "**Vigyanika**" of the **India International Science Festival 2021** held at the **Panjim Goa** on December 11-12, 2021.
- Delivered an invited talk as a chief guest of the program on "Technological Interventions for Sustainable Society" at the **Pushpa Gujral Science City**, Kapurthala, Punjab on the occasion of **International Youth Day 2021** on August 12, 2021.
- Delivered an invited lecture on "**Technological Interventions for Sustainable Environment**" at the **Faculty Development Program** hosted by the Rural Development Department of the **National Institute of Technical Teachers Training & Research (NITTTR)** in Chandigarh on July 07, 2021.
- Delivered an invited talk as a guest on "**Technological Innovation and Socioeconomic Impact**" at **Research Conclave 2021** organised by the **National Institute of Technology (NIT)**, Jamshedpur, Jharkhand on February 25-27, 2021.
- Delivered an invited talk as a keynote speaker in an **International Manufacturing Forum Series 2021** on "A time with electrostatically charged sprays for the mitigation of COVID-19" at **Polytechnic Institute of Leiria, Portugal** on February 04, 2021.
- Delivered an invited talk on "**Inspire to Aspire**" at the Government Nagarjuna P.G. College of Science, Raipur, Chhattisgarh on December 18, 2020, organised by **NIT Raipur and Pt. Ravishankar Shukla University, Raipur**.
- Delivered an invited talk on "**Technological Interventions for Healthy Society and Environment**" for the participants of the Faculty Development Program (FDP) on Innovative Technological Solutions to Societal Problems on November 10, 2020, organised by **Lovely Professional University (LPU)**, Jalandhar.
- Delivered an invited lecture on "**Electrostatic Disinfection Machine for Effective and Efficient Sanitization of Public Places Against COVID-19**" at the **IETE Foundation Day** on November 02, 2020 organized by IETE Chandigarh Centre.
- Delivered an invited talk on "**Shaping the Dreams of Atmanirbhar Bharat through Technological Interventions**" during a 5-day online STTP on October 26, 2020, organised by Government Engineering College (GEC), Ajmer, Rajasthan.

- Delivered an invited talk in virtual mode on "**Electrostatic Spraying Technology and its Societal Impact**" at the CSIR Young Scientist Awardees Confabulation on September 29, 2020 organised by **CSIR-HRDC, Ghaziabad**.
- Delivered an invited talk on "**Wonders of Electrostatics**" during the **inaugural session** of an E-workshop on Biomedical Techno Innovations and Health Monitoring on September 19, 2020, organised by the **Futuristic Technologies of India, IIT Delhi**.
- Delivered an invited lecture on "**Opportunities for Youth in Science and Technology: Shaping the Dreams of Atmanirbhar Bharat**" during a webinar organised by **NIT Jamshedpur** on July 28, 2020.
- Delivered an invited talk on "**Electrostatically Charged Sprays for Efficient and Effective Disinfection and Sanitization**" during a webinar on "Electrostatics in Healthcare" on July 09, 2020, organised by the **Institute of Physics (IOP), London**.
- Delivered an invited talk at the webinar series 2.0 (automation in agriculture) on "Technological Interventions for Sustainable Agriculture" organised by the **Indian Society of Agricultural Engineers (ISAE), New Delhi** on June 04, 2020.
- Delivered an invited lecture on "**Dust Mitigation and Smog Control**" at the Rural Development Department, **National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh** on May 22, 2020.
- Delivered an invited talk on "**Electrostatic Spraying Technology for Efficient and Effective Sanitization**" at the webinar series organised by the **International Centre for Clean Water (ICCW), IIT Madras** on May 14, 2020.
- Delivered an invited talk on "**Innovation, Technology and its Socio-economic Impact**" for the participants of the online Faculty Development Program on Internet of Things (OFDPIoT-20) at **NIT Jamshedpur**, May 11, 2020.
- Delivered an invited lecture on "**Technological Interventions for Sustainable Environment**" at Rural Development Department, **National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh** on April 22, 2020.
- Delivered an invited lecture on "**Socioeconomic Impact of Electrostatic Disinfection Machine**" for the foreign participants of the Management Development Program on Operation, Maintenance, and Calibration of Biomedical Equipment under the Indian Technical and Economic Cooperation (ITEC) Programme of MEA, New Delhi, on January 01, 2020 at **CSIR-CSIO, Chandigarh**.
- Delivered an invited talk for school children on "**Technological Interventions in Space and Future Opportunities for Youth**" on December 27, 2019 organised by the **World Space Council (WSC), India**.
- Delivered an invited talk as an IEI Young Engineers Awardee 2019 on "**Electrostatic Spraying Technology and its Contributions towards Society**" at the **TERii Kurukshetra** on October 19, 2019.
- Delivered an invited lecture on "**Electrostatic Spraying Technologies for Agriculture, Environment and Food**" at the **Brunel University, London** on April 12, 2019.

- Delivered an invited lecture on "**Technological Interventions for Agriculture, Environment and Food**" for the participants of the Management Development Program on Operation and Maintenance of Analytical Instruments, ITEC program, **Ministry of External Affairs, New Delhi**, on January 25, 2019 at **CSIR-CSIO, Chandigarh**.
- Delivered an invited lecture on "**Electrostatic Spraying Technology for Societal and Industrial Applications**" on January 01, 2018 at CSIR-CSIO, Chandigarh for the participants of the ITEC program, **Ministry of External Affairs, New Delhi**.
- Delivered an invited talk on "**Social Innovations**" at the 5<sup>th</sup> National Conference on Social Innovation (NCSI-2017) on November 17, 2017 at the **Pune International Centre (PIC)**, Pune, India.
- Participated in a panel discussion on "**Communicating Science Technology and Innovation for Sustainable Development**" on November 03, 2017 at the **India Habitat Centre** organised by **Jawaharlal Nehru University (JNU)**, New Delhi, India.
- Delivered an Invited talk on "**Technological Interventions for Sustainable Agricultural Practices**" on June 01, 2017 at **Indian Agricultural Research Institute (IARI)**, New Delhi, India.