



Webinar on Nanostructured Materials (NSMs) in Food Packaging, Preservation and Diagnostics



Key features

- Key features: Understanding the application of nanomaterials of food science
- From lab to audience: Nano-sensors for food and safety aspects
- Discuss new ideas on safe nanomaterials usage in food packaging, preservation and diagnostics: Interaction with experts
- E-certificates
- Networking

Date

26th August, 2021

Time

14.00-16:00 IST (GMT +05:30)

Background Concept

The benefits of nanotechnology for the food industry are many and expected to grow with time. Public acceptance of food and food-related products containing nanomaterials will depend on their safety. The webinar aims to raise awareness about various aspects of nanotechnology in food and feed sectors. In this pandemic era, various food borne illnesses give rise to other associated complications, mediating from the harmful targets in food moieties. This webinar will shed lights on practical applicability of using various nanomaterials for rapid detection or sensing techniques, nano-packaging and nano-preservation, and for tracking and controlling hazardous pathogens and contaminants in food. The lectures from international and national speakers will help faculties, researchers, scientists, students and industries to understand the present and future of nano-sensor based prototype-designs, recent innovations of nano-packaging and their applicability in the associated disciplines of food sectors by addressing the food safety issues to minimize the health risk.

Chair

Dr Vibha Dhawan, Director General, TERI

Coordinator

Dr. Pushplata Singh, Fellow, TERI

Co-coordinators

Dr. Shruti Shukla and Dr. Palash Kumar Manna

Key Speakers

1. Dr. Vimal Katiyar - Indian Institute of Technology, Guwahati (IIT-G), Guwahati , India
2. Prof. Yun Suk Huh - Inha University, Incheon, South Korea
3. Dr. Rajni Chopra -National Institute of Food Technology Entrepreneurship and Management (NIFTEM), Sonapat, India
4. Dr. Sonu Gandhi -National Institute of Animal Biotechnology (NIAB), Hyderabad , India