



WEBINAR

On

Rheology of Powdered Food Materials

29th July 2021, 11.00 AM (IST)

KEYNOTE SPEAKER



Mr. Mayank Varshney
Application Specialist at Anton Paar India.

ABOUT THE PROGRAMME

Flow of powder has a big impact on the ease of processing and packaging and also on the powder's long-term stability. Therefore it is important to understand powder flow for efficient production and quality control. Quantitative information about the factors governing powder flow can be gained by means of powder rheology. For example, how strongly the particles stick together is determined by the cohesion strength; a high-end rheometer with a powder cell can provide reliable measurements of the cohesion strength. Powder flow cell can help to study fluidization behavior, segregation, air retention properties. The webinar entitled "Rheology of Powdered Food Materials" will provide a better understanding into how the food products flow and how these properties are measured. The webinar will cover the practical approaches for measurement of rheological properties which can act as direct measure for quality control.

ABOUT THE SPEAKER

Mr. Mayank Varshney, M. Tech., Material Science, IIT Patna, is presently working as an Application Specialist at Anton Paar India, and provides technical and application support to Characterization Division in Anton Paar India. He has vast expertise in rheological characterization of different types of industrial and research material. He provides industry solutions and develops SOPs for their processes. He is also having vast experience in several aspects of Rheology such as Powder Rheology, DMTA, Smart Fluids, etc. and has been disseminating his knowledge in the field through several trainings and workshop sessions.

Organized by

DEPARTMENT OF FOOD ENGINEERING

National Institute of Food Technology Entrepreneurship and Management (NIFTEM)

Plot No. 97, Sector 56, HSIIDC, Industrial Estate, Kundli, Sonapat, Haryana 131028 www.niftem.ac.in

ABOUT DEPARTMENT OF FOOD ENGINEERING

The main objective of the department is to create trained and skilled human resources to cater to the needs of the rapidly growing Food Processing Sector. The department is currently offering M.Tech and Ph.D programmes exclusively apart from various courses in B.Tech(FTM). Department is having several ongoing research projects especially in the area of novel food processing. The department aims to serve the requisite need of manpower for food processing sector of the country.

ABOUT NIFTEM

NIFTEM is an autonomous institution setup under the Ministry of Food Processing Industries, Government of India, with aim to serve as an apex body to cater the needs of food processing sector. The institute acts as a centre of excellence in the area of food technology and management. The Department of Agriculture and Environmental Science (AES) has been primarily focusing on the postharvest management of fruits and vegetables, supply chain management, storage, environmental impacts of food processing sector and outreach activities. The outreach efforts of the department provide innovative yet practical information to help people, businesses, and communities to find solutions, develop skills, reduce postharvest losses, and to build a healthy and wealthy nation from food security aspect.

DETAILS FOR REGISTRATION

Registration Link:

<https://forms.gle/y8w72gctefmUePb36>

Last Date to register: 28th July 2021 (12:00 Noon)

CISCO-WEBEX meeting link for attending webinar will be communicated to registered participants.

INSTRUCTIONS FOR THE PARTICIPANTS

- There is no participation fee.
- Participants need to login with their actual names.
- Login at least 10 minutes before the start.
- Certificate will be issued to the attending participants only

CONVENER

Dr. Anupama Singh

Professor & Head

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