



Tamil Nadu Agricultural University
Coimbatore – 641 003



Dr. M. Rajavel, Ph.D.,
Public Relations Officer
Mobile: 94890 56730

Phone: 0422 - 6611302
Fax: 0422 – 2431821
E-mail: pro@tnau.ac.in

To
The Editor,
Sir,

Date: 10.07.2024

I request that the following message may kindly be published in your esteemed daily:

TNAU organized the International Workshop on Particle Technology (IWPT '24)

The Agricultural Engineering College and Research Institute, TNAU, Coimbatore, organized the International Workshop on Particle Technology (IWPT '24) from July 2 to July 9, 2024. This workshop focuses on particle and powder characterization in agriculture and allied sectors, providing participants with the opportunity to master fundamental principles and applications under the guidance of international experts.

The inaugural function was held on July 2nd, 2024 at Seminar Hall, AEC&RI, TNAU, Coimbatore. During the Presidential address by Dr.A.Raviraj, Dean of AEC&RI emphasized the importance of particle technology, highlighting its applications in encapsulating flavors and nutrients, improving texture and shelf life, and enhancing nutritional bioavailability through nano- and micro-sized particles. In his special address, Dr.E.Somasundaram, Director of Agribusiness Development, underscored the significance of AI and data science in refining encapsulation techniques, predicting optimal particle sizes for nutrient delivery and automating quality control processes to ensure efficiency and consistency in food production. The first module on Particle and Powder characterization took place from July 2nd to July 6th, 2024, while the Discrete Element Method Modelling (DEM) and Data Analysis and AI modules were conducted from 8th to 9th July 2024.

The Particle and Powder characterization module was led by Dr.Kingsly Ambrose, Professor of Agricultural and Biological Engineering at Purdue University, West Lafayette, IN, USA. His extensive experience in this domain provided participants with deeper insights. Modules 2 and 3 were conducted by experts from Altair India, offering comprehensive, open-architecture simulation, artificial intelligence (AI) and data analytics solutions. This workshop provided participants with a unique blend of hands-on sessions led by an international scientist and industry expert. The workshop concluded on July 9th, 2024.

Public Relations Officer