

Short Workshop on  
Microbial Modelling :



# Applications in Ensuring Safety of Indian Bakery Supply

December 13, 2019 (8.30 am to 12.30 pm)

**Trainer:** Dr. Vijay K. Juneja, Lead Scientist,  
USDA-Agricultural Research Service  
Eastern Regional Research Center, USA



**For Registration:**

**AIBTM** - Assocom Institute of Bakery  
Technology & Management

**Telephone:** +91-0120-2428800

**Email:** aibtm@aibtm.in

**Fee:** Rs. 2,360 for Industry participant and  
Rs. 1,180 for academic faculty and students.  
This fee include lunch and tea/coffee and GST.

## ABOUT

This workshop will provide attendees with an excellent opportunity to learn the most important microbiological safety issues facing the food industry on a global scale, enhance and update knowledge of predictive microbiology, and learn new approaches for modelling food borne pathogens. Furthermore, this workshop supports our mission to provide consumers with micro biologically safe foods in domestic markets and safe foods for export. The overall goal of the proposed workshop is to provide a clear understanding of how to use the microbial modelling software to obtain accurate estimates on growth, survival and lethal effects of processing environments on food borne pathogens; and how to formulate foods to include acknowledged intrinsic barriers while designing intervention processes that ensure safety against pathogens in foods.

The lectures will be given in English but a simultaneous translation service will be provided, if needed. The attendees will have the opportunity to ask questions in the native language. Also, the instructions on the use of software, a hands-on experience on laptop using online and desktop versions, will be given in English.

### The agenda topics of the workshop are:

1. Quantitative microbiology in food manufacturing
2. HACCP Principles
3. Fundamentals of predictive microbiology
4. Application of predictive microbial modelling

