

INTERNATIONAL WEBINAR

ON

***PREDICTIVE MICROBIOLOGY IN FOOD
SAFETY***

Date: 27th June 2020 (Saturday)

Time (IST): 5.30 pm- 7.00 pm

(E-certificates to all participants)



Speaker: Dr. Vijay K. Juneja

***Lead Scientist , ARS, USDA, Wyndmoor,
PA, USA***

Organized By:

Department of Basic and Applied Sciences

***National Institute of Food Technology
Entrepreneurship and Management (NIFTEM)
Kundli***



BACKGROUND:

Microorganisms in food remains the biggest food safety challenges, leading to a high burden of food-borne illnesses and public health challenges for the country. Food producers and industries suffer from huge losses due to lack of adequate and timely spoilage detection. However, understanding of responses and behavior of microorganisms in food systems can help develop strategies to control them. Quantitative Microbiology and Microbiological Risk Assessment are very effective approaches that have been leveraged across the developed world to prevent food borne infections and food spoilage. This webinar is designed with an objective to enhance skills and expertise about quantitative microbiology and risk assessment in food industry. The workshop will enable to develop a basic understanding on the practical application of Predictive Microbiology and its associated tools and techniques relevant for various food categories and sectors.



BENEFITS:

- Develop understanding of key principles of Quantitative Microbiology (QM) and Microbiological Risk Assessment (MRA) for efficient food safety management.
- Update knowledge of predictive microbiology, and learn new approaches for modeling food borne pathogens.

Link for registration and programme*: <https://event.webinarjam.com/register/5/gqv0oh5>

INSTRUCTIONS FOR THE PARTICIPANTS

- ✓ **There is no participation fee.**
- ✓ **Registered participants are to login with their actual names.**
- ✓ **Login atleast 10 minutes before the start of the webinar.**
- ✓ **e-Certificate will be issued to the participants who attend the complete session.**

About NIFTEM

National Institute of Food Technology Entrepreneurship and Management (NIFTEM) was conceptualized by Government of India on persistent demand of the food industry to have an Apex Body as a One Stop Solution Provider for the various problems of the sector. Ministry of Food Processing Industries, Government of India has set up this institute with an initial investment of Rs 500 crore (US \$100 million). The institute is spread over an area of 100 acres. The institute intends to act as a centre of excellence in the area of Food Technology and Management. It will cater to the needs of various stakeholders such as entrepreneurs, industry, exporters, policy makers, government and existing institutions. NIFTEM being an apex institution under Ministry of Food Processing Industries (MoFPI) has developed strong linkages with industries. The academic courses like B.Tech. (Food Technology and Management), M.Tech. in five specialized areas, Ph.D. and M.B.A (Food & Agri-Business Management) are run at NIFTEM. <http://www.niftem.ac.in/>

About the SPEAKER:

Dr Vijay K Juneja, Lead Scientist ,USDA-Agricultural Research Service, Wyndmoor, PA, USA. Dr. Juneja is among the world's leading authorities in food safety research. He has developed a nationally and internationally recognized research program on foodborne pathogens, with emphasis on microbiological safety of minimally processed foods and predictive microbiology. Dr. Juneja frequently organizes educational workshops/short courses/webinars on microbial modeling, specifically on the use of ARS Pathogen Modeling Program and ComBase by the food industry. His research program has been highly productive, generating over 300 publications, including over 175 peer-reviewed journal articles, 47 book chapters including ten in the *Encyclopedia of Food Microbiology* and is a co-editor of eight books and one Food Microbiology special issue entitled, 'Predictive Modeling in Foods. Currently, he serves as an Editor of 'LWT-Food Science and Technology' and is a member of the editorial Boards of *Journal of Food Protection*, *Foodborne Pathogens & Disease*, *International Journal of Food Microbiology*, and *Frontiers in Microbiology*. Dr. Juneja is recipient of several awards including the Institute of Food Technologists (IFT) 2018 Gerhard Haas Award; International Association for Food Protection's (IAFP) Harry Haverland Citation Award (2015); IAFP Grocery Manufacturers Association (GMA) Food Safety Award (2013); Gold Medalist, 'Outstanding Mentor/Coach', Federal Executive Board, Philadelphia (2013); IFT Research and Development Award (2012); National Science Foundation (NSF) Food Safety Leadership Award for Research Advances (2012); Agricultural Research Service (ARS) Technology Transfer Award (2010); Federal Laboratory Consortium Mid-Atlantic Region – Excellence in Technology Transfer Award (2010) amongst many others. Additionally, he is a Fellow of the IFT (2008); American Academy of Microbiology (2013); IAFP (2017); and National Academy of Agricultural Sciences (India; 2017).

Organizing Committee:

PATRON

Prof. Chindi Vasudevappa
Vice Chancellor, NIFTEM

CONVERNOR:

Dr. Manjeet Aggarwal

Professor & Head, Dept. of Basic and Applied Sciences

Co-CONVERNOR:

Dr. Vijendra Mishra

Professor & Dean (Post Graduate Studies)

COORDINATOR

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