

Organizing Committee



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Assistant Professor & Head
Dairy Microbiology Department
SMC College of Dairy Science,
Kamdhenu University, Anand

WORKSHOP CO-COORDINATORS

Dr. Subrota Hati
Dr. Kunal Gawai
Ms. Mital Kathiriya
Assistant Professors
Dairy Microbiology Department,
SMC College of Dairy Science,
Kamdhenu University, Anand

National Workshop on FUTURE SCOPES IN DAIRY MICROBIOLOGY



Organized by



Dairy Microbiology Department,
SMC College of Dairy Science
Kamdhenu University – Anand



June 04, 2022 (Saturday)



2.00 pm onwards

Registration link

<https://forms.gle/4EqmcSZdtTPy2x5R9>

E-Certificates will be issued to
the registered participants only



<https://rc.jiomeet.jio.com/shortener?meetingId=7209857565&pwd=uFhe1>

Meeting ID: 7209857565

Password: uFhe1



INVITED SPEAKERS

Dr. Vimal M. Ramani,

Principal and Dean, College of Dairy Science, Amreli, Kamdhenu University, Gujarat

Shri. Naresh Kumar,

Senior Application Specialist, bioMérieux, India

Dr. Rashmi H. M.,

Scientist (Senior Scale), Incharge, Molecular Biology Unit, ICAR-NDRI, Karnal



BRAIN STORMING SESSION

Eminent Panelists

- **Dr. Naresh Kumar**, Principal Scientist & Nodal Officer – National Referral Center, Dairy Microbiology Division, ICAR-NDRI, Karnal
- **Dr. Rajiv K. Shah**, Ex-Professor, Dairy Microbiology Department, SMC College of Dairy Science, AAU, Anand
- **Dr. K. Nageswara Rao**, Associate Dean, College of Dairy Technology, Tirupati
- **Dr. D. A. Shukla**, Principal and Dean, MIDFT, Mehsana
- **Dr. Beena**, Professor & Head, Dairy Microbiology Department, Verghese Kurien Institute of Dairy and Food Technology, Mannuthy, Kerala
- **Dr. Surajit Mandal**, Professor, Department of Dairy Microbiology, Faculty of Dairy Technology, West Bengal University of Animal and Fishery Sciences, Mohanpur, W.B.
- **Shri. D R Shah**, Managing Director, Vidya Dairy, Anand
- **Shri. Sameer Saxena**, Head, QA and NPD, GCMMF, Anand
- **Shri. Aditya Jain**, Senior Manager, PPD, NDDB, Anand
- **Dr. Pradip Behare**, Scientist, Dairy Microbiology Division, ICAR-NDRI, Karnal
- **Dr. Santosh Kumar Mishra**, Assistant Professor, Dairy Microbiology Department, College of Dairy Science & Technology, GADVASU, Ludhiana, Punjab

Moderator

Dr. J. B. Prajapati,

Chairman, Verghese Kurien Centre of Excellence, IRMA, Anand, Coordinator, SASNET-Fermented Foods, Ex. Principal & Dean, SMC College of Dairy Science, Anand

Rapporteur

Dr. Subrota Hati,

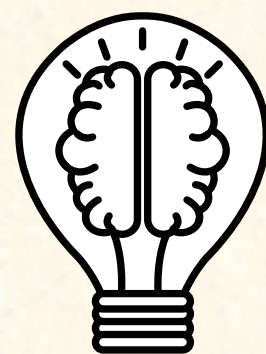
Assistant Professor, Dairy Microbiology Department, SMC College of Dairy Science, Kamdhenu University, Anand

ABOUT THE EVENT

Microbes play beneficial as well as detrimental roles in milk and thus affect the safety, quality, shelf life and functional aspects of dairy foods. Owing to this, microbiological quality of milk and milk products is of paramount importance to the dairy food industry. Further, milk and fermented dairy foods such as dahi, lassi, cultured butter milk, yoghurts occupy a substantial part of the daily diet of people of all age groups not only because of its nutritional value but also due to the therapeutic benefits. With the advancement in molecular biology techniques, rapid testing methods, instrumentation and automation, the field of Dairy Microbiology has seen significant developments in the recent decades. Looking to the remarkable growth of the dairy sector and the increasing demand for functional dairy foods, the time is apt to brainstorm about the future research avenues in dairy microbiology for the benefit of all stakeholders including academia, dairy food manufacturers and society as a whole. This national workshop will be attended by eminent delegates from industry and academia.

AREAS OF BRAIN STORMING

- Functional fermented dairy foods: Development, validation of functionality, reaching to consumer
- Future of dairy starter and functional culture research
- Biofunctional molecules elaborated by Lactic acid bacteria and its potential applications
- Food borne pathogens and food safety
- Composite fermented dairy foods
- Advances in molecular biology of dairy starter cultures, probiotics, fermented dairy foods



ABOUT DAIRY MICROBIOLOGY DEPARTMENT, SMC COLLEGE OF DAIRY SCIENCE

Dairy Microbiology is a constituent Department of SMC College of Dairy Science since its inception in 1959. The Department is responsible for teaching courses related to Dairy Microbiology and Food Biotechnology at Undergraduate and Post Graduate levels. It also conducts research in the subject as per the policy of the university and demand of the industry and participates in various extension activities. The principle area of research work of the department is exploitation of nutritional and therapeutic potential of lactic acid bacteria, functional fermented dairy foods containing probiotics, prebiotics, plant materials, biomolecules elaborated by lactic acid bacteria such as bioactive peptides and its functional aspects. The department has carried out pioneering work in the area of probiotics leading to the recognition of department as Niche area of excellence in functional fermented dairy products with synbiotics by ICAR. A number of probiotic and synbiotic dairy products have been developed, which are ready for commercialization. The department has been recognized as centre for preserving national biodiversity for dairy microbes and under the same, the department has submitted dairy starter cultures and probiotics associated with fermented foods of western India in NCVTC-the national culture repository. Faculty of DM department has handled projects funded by ICAR, DBT, SIDA, DST, GSBTM and Govt of Gujarat. These research works have led to national and international recognition, which is reflected in number of papers, presentations, awards, invitations from almost all conferences, our presence in national and international committees, IDF and elsewhere. The department is currently handling projects funded by ICAR, DBT, GSBTM and Govt of Gujarat. The department is also recognized as the head office of SASNET-FF.