

**ICAR & NABARD sponsored  
National Conference  
on  
Emerging Trends for Development of Functional Foods  
6<sup>th</sup>-7<sup>th</sup> February, 2020**

**PROGRAMME SCHEDULE**

**Day 1: 06-02-2020**

8.30 AM - 10.00 AM : Registration and Breakfast

**10.00 AM - 11. 15 AM : Inauguration**

10.00 AM - 10.10 AM : Welcome & Felicitation of the Guests

10.10 AM - 10.15 AM : Lighting of Lamp

10.15 AM- 10.25 AM : Welcome and Introductory speech by **Dr. P. G. Wasnik**, Dean &  
Associate Dean, MAFSU-College of Dairy Technology, Warud (Pusad)

10.25 AM - 10.30 AM : Release of Souvenir by Chief guest and all other dignitaries

10.30 AM - 10.40 AM : Address by Guests of Honour **Dr. R. K. Malik**, Ex-Joint Director  
Research, NDRI, Karnal

10.40 AM- 10.50 AM : Address by Guest of Honour **Dr. Satish Kulkarni**, Former Head, SRS-  
NDRI, Bengaluru

10.50 AM- 11.00 AM : Keynote address of the conference by Chief guest **Dr. C. D. Mayee**,  
Former Chairman, ASRB, New Delhi

11.00 AM- 11.10 AM : Address by conference chairman **Col (Dr.) Prof. A. M. Paturkar**,  
Hon'ble Vice Chancellor, Maharashtra Animal and Fishery Sciences  
University, Nagpur (Maharashtra)

11.10 AM - 11.15 AM : Vote of Thanks by Organizing Secretary

11:15 AM - 11.30 AM : Tea break

**Technical Session 1 – 11.30 PM to 1.30 PM**

**Nutrition, Functional Food and Lifestyle Diseases**

**Chairman** : **Dr. Satish Kulkarni**, Former Head, SRS-NDRI, Karnal & Vice President,  
Indian Dairy Association, New Delhi

**Rapporteur** : **Dr. P. D. Sawale**, Assistant Professor, College of Dairy Technology,  
Warud (Pusad)

**Invited Lectures (11.30 AM to 12.30 PM)**

**Dr. R. K. Malik, Ex-JD (R) and Secretary NADS (I), NDRI, Karnal**

*Fermented Functional Dairy Foods, Nutraceuticals and Probiotics for Combating Lifestyle Disorders*

**Dr. Surendranath B., Principal Scientist, Dairy Chemistry Division, SRS-NDRI, Bengaluru**

*Functional Dairy Foods: An Overview*

**Dr. Sumit Arora, Principal Scientist, Dairy Chemistry Division, NDRI, Karnal**

*Large Scale Fortification-A Promising Intervention for Combating Micronutrient Deficiencies*

**Oral Presentation OP1 - OP5 (12.30 PM to 1.30 PM)**

*Sequential Dual Enzyme System for Production of Casein Hydrolysate*

**Priyanka Singh Rao**, Scientist, Dept. of Dairy Chemistry, ICAR-NDRI, Karnal

*Effect of Herb Extract (Asparagus racemosus/Shatavari) Incorporation on Storage Stability of Ghee*

**Nilkanth Pawar**, Assistant Professor, MAFSU-College of Dairy Technology, Udgir

*Development of Technology for Manufacture of Protein Enriched Moringa Fortified Spread*

**Komal N. Patel**, Assistant Professor, Anand Agriculture University, Anand, Gujarat

*Vitamin B<sub>12</sub> Bio-Enriched Functional Food*

**Manorama Kumari**, Ph.D. Scholar, Dairy Microbiology Division, ICAR-NDRI, Karnal

*Study on Development of Anti-Fouling Plate Heat Exchanger for Milk Processing*

**Dhotre, A. V.**, In-service Ph.D. Scholar, Dairy Engineering Division, ICAR-NDRI, SRS, Bengaluru

**01.30 PM – 03.00 PM Lunch Break**

**Poster Presentation PD1- PD29 & QS1 –QS22 (03.00 PM to 04.00 PM)**

**Technical Session 2- 03.00 PM to 05.00 PM**

**Food safety, Security and Safety Assessment of Functional Food**

**Chairman** : **Dr. R. K. Malik**, Ex-JD (R) and Secretary NADS (I), NDRI, Karnal

**Rapporteur** : **Mr. Nitin Khodwe**, Assistant Professor, College of Dairy Technology, Warud (Pusad)

**Invited Lectures (03.00 PM to 04.00 PM)**

**Dr. Satish Kulkarni, Former Head & Vice President IDA, SRS-NDRI, Bengaluru**

*Functional Foods and Health Supplements- An Overview*

**Dr. Atanu Jana, Professor & Head, Dairy Technology Department, AAU, Anand, Gujarat**

*Food Safety, Security and Safety Assessment of Functional Foods*

**Dr. Pradip Behare, Scientist (SS), Dairy Microbiology Division, NDRI, Karnal**

*Safety Aspects of Fermented Dairy Products*

**Oral Presentation OP6–OP10 (04.00 PM to 5.00 PM)**

*In-vitro* Characterization and *In-vivo* Evaluation of Antidiabetic Bioactive Peptides Rich Fermented Dairy Beverage

**Anusha Kokkiligadda**, Ph.D. Scholar, Dairy Microbiology Division, ICAR-NDRI, Karnal

*Synbiotic Effect of Lactobacillus Rhamnosus NCDC 298 and Short Chain FOS on Enterotoxigenic Escherichia Coli Infection*

**Santosh Anand**, Assistant Professor, Dept. of Dairy Microbiology, Phulo-Jhano Murmu College of Dairy Technology, Dumka, Jharkhand

*Gold Nanoparticles as an Alternative for Conventional Methods for Detection of Pesticide Residues in Milk*

**Wangdare Sachin**, Ph.D. Scholar, Dairy Chemistry Division, ICAR-NDRI, Karnal

*Paper Strip Based Sensor for Screening of Milk and Various Food Products for Pesticide Residues*

**Dasriya Vaishali**, Ph.D. Scholar, Dairy Microbiology Division, ICAR-NDRI, Karnal

*Fabrication and Testing of Cleaning-In-Place System for Three Stage Scraped Surface Heat Exchanger*

**Ankit Deep**, Scientist, Dept. of Dairy Engineering, ICAR-NDRI, Karnal

**High Tea: 05.00 PM to 05:15 PM**

**Dinner: 8.00 PM Onwards (Venue: MAFSU Lawn, Seminary Hill, Nagpur)**

**Day 2 : 07-02-2020**

**Technical Session-3 : 09.00 AM – 11.00 AM**

**Challenges and Opportunities in the Development of New Age Functional Food**

**Chairman** : **Dr. Surendranath B.**, Principal Scientist, ICAR- NDRI, SRS, Bengaluru

**Rapporteur** : **Dr. Prasad S. Patil**, Assistant Professor, College of Dairy Technology, Warud (Pusad)

**Invited Lectures (09.00 AM – 10:00 AM)**

**Mr. Hitesh Gahane**, DSM Nutrition Pvt. Ltd., Guargaon

Business Prospective of Functional Food

**Dr. Rekha Menon**, Principal Scientist, Dairy Engineering Division, SRS-NDRI, Bengaluru

High Pressure Processing and Electric Voltage Treatment and its Effect on Dairy Probiotics

**Dr. A. K. Singh**, Head, Dairy Engineering Department, NDRI, Karnal

Technological Challenges in Harnessing the Nutritional and Therapeutic Virtues of Non Bovine Milk

**Oral Presentation OP11-OP15 (10.00 AM to 11.00 AM)**

*Effect of Heat Treatment on Textural and Rheological Properties of Camel Milk Cheese Curd*

**M Davuddin Baig**, Ph.D. Scholar, Dairy Technology Division, ICAR-NDRI, Karnal

*Studies on Preparation of Quarg Type Cheese from Cow Milk and Goat Milk*

**Sachin P. Ramteke**, Ph.D. Scholar, Dept. of AH and DS, Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

*Development and Quality Enhancement of Goat Milk based Probiotic Yoghurt using Ultrafiltration, Microbial Transglutaminase and Exopolysaccharides*

**Heena Sharma**, Scientist, Dept. of Dairy Technology, ICAR-NDRI, Karnal

*Effect of Process Parameters on Moisture, Yield and Selected Functional Properties of Mozzarella Cheese*

**P. Barnwal**, Principal Scientist, Dept. of Dairy Engineering, ICAR-NDRI, Karnal

*Recent Trends and Modern Technologies for Oil Extraction*

**Sheshrao Kautkar**, Scientist, Ginning Training Centre, ICAR-CIRCOT, Nagpur

**Poster Presentation NH1- NH27 (10.00 AM to 11.00 AM)**

**Tea Break: 11.00 AM to 11:15 AM**

**Industry Presentation Session (11:15 AM- 12:00 PM)**

**Valedictory Function : 12.15 PM – 01:15 PM**

**Lunch : 01.15 PM Onwards**