



Dairy Technology Workshops

Dairy Technology Workshops

NTHRYS BIOTECH LABS provides a diverse array of workshops in the realm of Dairy Technology. Explore our comprehensive offerings below

[Dairy Technology Workshops Application Process](#)

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Your Gateway to Dairy Technology: Workshop Selections!

1. [Workshop in Introduction to Dairy TechnologyPDF](#)
2. [Workshop in Advanced Dairy Processing TechniquesPDF](#)
3. [Workshop in Emerging Trends in Dairy TechnologyPDF](#)

1. Workshop in Introduction to Dairy Technology

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Basics of Dairy Science

Overview of dairy science and its significance in food production.

Introduction to milk composition, microbiology, and processing.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Dairy Processing Technologies

Hands-on training on dairy processing techniques such as pasteurization, homogenization, and fermentation.

Practical session on equipment operation and maintenance.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Dairy Product Quality Assurance

Overview of quality assurance principles in dairy production.

Practical exercises on sensory evaluation, microbial testing, and shelf-life assessment.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Dairy Product Development

Discussion on new product development in the dairy industry.

Case studies on formulating dairy products, flavor profiling, and market trends.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

2. Workshop in Advanced Dairy Processing Techniques

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.
Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Membrane Separation Processes

Introduction to membrane separation techniques in dairy processing.
Hands-on workshop on ultrafiltration, microfiltration, and nanofiltration.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Advanced Heat Treatment Methods

Overview of advanced heat treatment methods for dairy products.
Practical session on UHT processing, sterilization, and aseptic packaging.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Dairy Fermentation Technologies

Discussion on fermentation technologies used in dairy product development.
Practical exercises on starter cultures, fermentation kinetics, and probiotic strains.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Dairy Waste Management and Sustainability

Exploration of dairy waste management strategies and environmental sustainability.
Case studies on waste reduction, resource recovery, and circular economy principles.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

3. Workshop in Emerging Trends in Dairy Technology

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Innovative Dairy Products

Introduction to innovative dairy product development and trends.

Hands-on workshop on plant-based dairy alternatives, functional dairy foods, and fortified products.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Precision Dairy Farming

Overview of precision agriculture technologies applied to dairy farming.

Practical session on sensor-based monitoring, data analytics, and decision support systems.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Clean Label and Organic Dairy

Discussion on clean label trends and organic dairy production.

Case studies on organic certification, sustainable practices, and consumer preferences.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Dairy Technology and Health

Exploration of the intersection between dairy technology and human health.
Practical exercises on functional dairy ingredients, nutraceuticals, and health claims.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

Note: NTHRYS Management reserves the right to modify the workshop module at any time without prior notice. Registered or enrolled candidates will receive the module that is current on the day of enrollment.

NTHRYS Workshops Department

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Dairy Technology Workshops Application Process

1. Select a workshop from the list.
2. Contact via whatsapp on the number present above to request fee details and dates suitable for joining. Alternatively, you can send an email to workshops (a t) nthrys [d 0 t] com.
3. Our Workshop department will contact you promptly to provide further assistance.