

CEDSI TIMES

Your Skilling Partner...

Dairy startup Sid's Farm secures \$10 million funding



Sid's Farm, a direct-to-consumer dairy startup, raised \$10 million in Series A funding from Omnivore and Narotam Sekhsaria Family Office (NSFO) on June 25. The funds will enhance manufacturing capabilities to meet the growing demand for high-quality dairy products in Hyderabad and Bengaluru.

Sid's Farm aims to build a robust team to attract and retain top talent. According to IMARC Group, India's dairy industry, valued at Rs 6,792 billion in 2023, is expected to reach Rs 49,953 billion by 2032. Omnivore partner Reihem Roy highlighted the growth potential of premium dairy brands on D2C platforms, predicting Sid's Farm's emergence as a key player.

NSFO's Narayanan Venkitraman praised Sid's Farm's commitment to genuine solutions. Founder Dr. Kishore Indukuri emphasized the goal to serve over 1,00,000 families daily in Hyderabad and Bengaluru. Established in 2016, Sid's Farm serves over 25,000 customers, ensuring nutrient-dense, additive-free milk through direct farmer sourcing and rigorous quality testing.

Experts Advocate Innovation and New Marketing for Dairy Sector Growth



At the first IDF Asia Pacific Regional Dairy Conference, experts stressed the need for innovative technologies and market opportunities for the dairy sector's sustainable growth. Union Minister Rajiv Ranjan Singh highlighted India's vital role in global milk production and its impact on 100 million families and 1.4 billion people's nutritional security.

Kerala Minister J Chinchu Rani called for a scientific dairy management system to boost farmers' income and address the challenges of milk production in Kerala, which faces high labor costs and shortages.

Alka Upadhyaya, Secretary of the Department of Animal Husbandry and Dairying, urged investment in technology and infrastructure to combat climate risks and improve livestock health. She emphasized the importance of sustainable farming practices and innovative fodder management.

IDF President Piercristiano Brazzale praised India's dairy sector as a model of public-private collaboration, noting its rapid growth and the role of women farmers.

World Milk Day Celebrated with Focus on Dairy Products



The Indian Dairy Association (IDA) North Zone (Punjab Chapter) and the College of Dairy and Food Science Technology at Guru Angad Dev Veterinary and Animal Sciences University celebrated World Milk Day with the theme 'Unveiling the Benefits of Fermented Dairy Products.'

The event highlighted the health benefits of fermented dairy products like curd, lassi, and cheese. Vice-Chancellor Dr. Inderjeet Singh emphasized dairy's nutritional value, while Dean Dr. RS Sethi stressed the probiotic benefits for digestion, immunity, and overall well-being. Over 250 participants, including dairy industry professionals, faculty, students, and farmers, attended. Specialists like Dr. Ramit Mahajan discussed gut health's impact on immunity and mental well-being, and Dr. Kiran Bains highlighted fermented dairy's effect on the gut microbiome.

Dr. GS Rajorhia provided insights into expanding fermented dairy products in the market. The event aimed to raise public awareness about the benefits of fermented dairy foods.

Maharashtra Budget 2024-25: Extension of Rs 5 Per Litre Milk Subsidy and New Initiatives Announced

Finance Minister Ajit Pawar announced the extension of a Rs 5 per litre subsidy for milk producers in Maharashtra during the presentation of the 2024-25 state budget. This final budget before the assembly elections for the BJP-Shiv Sena-NCP government also includes the establishment of 18 new medical colleges.



Pawar stated that Rs 223.83 crore in subsidies have already been distributed to 2.93 lakh registered milk producers, with the remaining funds to be disbursed promptly. New initiatives promoting sheep and poultry farming, and the development of fish markets, were also introduced.

The 'Gaon tithe godam' program will create storage facilities for agricultural produce, starting with 100 new godowns and refurbishing existing ones. Financial assistance will be provided to 10,000 women in 17 cities for purchasing e-rickshaws under the "pink e-rickshaw" scheme, with an allocation of Rs 80 crore.

Additionally, 92.43 lakh farmer families received Rs 5,318.47 crore under the Namo Shetkari Sanman Nidhi Yojana, and Rs 3,504.66 crore were disbursed to 59.57 lakh farmers under the one-rupee crop insurance scheme. New Ayurveda and Unani medical colleges will be established in Buldhana and Raigad districts.

Kochi-Based firm sets up country's first off-grid solar power plant in Dairy sector



Sapins, a Kochi-based dairy products company, has made history by establishing the country's first off-grid solar power plant in the dairy sector. The 200-kW plant, costing ₹2.8 crore, will entirely meet the energy needs of Sapins' upgraded facility in Kizhakkambalam, which processes 50,000 litres of milk daily, announced Gigi Thomas, managing director of Sapins Dairy, on Tuesday.

Mr. Thomas highlighted that the innovative solar plant features an Integrated Energy Management System (IEMS) and a 100-kW induction heat exchanger. The project is environmentally significant, eliminating nearly all diesel usage and ensuring a stable, uninterrupted power supply.

Ajith M.S., director of Zoladyne Energy Solutions, who supervised the installation, noted that the plant includes options for battery charging from various sources during low sunlight periods.

Marketing director Sunil Kumar emphasized that the plant represents a critical milestone in Sapins' evolution from a milk processing firm to an integrated dairy products company.

This reliance on solar energy not only supports current operations but also paves the way for future product introductions and capacity expansions, he added. The achievement underscores Sapins' commitment to sustainable growth and environmental stewardship.

IIT Kanpur Transfers Innovative Mastitis Detection Technology to Prompt Equipments

The Indian Institute of Technology Kanpur (IITK) has introduced a pioneering technology in animal health, titled 'Lateral Flow Immunoassay Strip and Method for Detection of Mastitis in Bovines'. Developed by Prof. Siddhartha Panda and Dr. Satyendra Kumar from IIT Kanpur's NCFlexE, this technology aims to revolutionize mastitis detection in dairy cattle.



To facilitate widespread adoption, IIT Kanpur has signed a technology transfer Memorandum of Understanding (MoU) with Prompt Equipments, a dairy technology firm operating in over 70,000 villages. The ceremony was attended by key figures from both institutions.

Mastitis, a major cause of economic losses in the dairy industry, is targeted by this novel technology which detects *Staphylococcus aureus* and its enterotoxins using a dual gold nanoparticle-based lateral flow immunoassay (LFIA). This provides enhanced sensitivity, specificity, and rapid results.

This collaboration aims to enhance animal welfare and economic sustainability in the dairy sector. The technology has been granted Indian Patent No. 455232 by the Indian Patent Office.

Mother Dairy Introduces Pure Buffalo Milk in Mumbai Market Catering to Diverse Consumer Needs



Mother Dairy has announced the launch of its pure buffalo milk variant for consumers in Mumbai region. It will be available in 1 litre and 500 ml packs at a rate of Rs 72 per litre from Tuesday June 25. The company said, "The new variant aims to fulfil the emerging demand for milk variants tailored to specific needs.

Mother Dairy buffalo milk promises to be creamy and rich in taste with higher FAT and SNF content along-with A2 protein." "It offers 6.5% fat content and 9% SNF (Solid Not Fat), giving it a creamier texture and rich taste profile.

In addition to being a great choice for regular consumption, its creaminess makes it perfect for creating delectable desserts." The product will be available across all offline and online channels in a phased manner.

Manish Bandlish, managing director of Mother Dairy, said, "We are driven by the ethos of consumer centricity... The new product addresses specific usage requirements including plain drinking or versatility, meeting the requirements for species specific milk, or even for those who are looking to transition from loose to packaged milk.

We are confident that it will quickly become a household favourite." In Mumbai, Mother Dairy offers a portfolio of five milk variants, including cow milk, full cream milk, toned milk and double toned milk apart from dairy products like ice cream, curd, dairy beverages and paneer.

The launch of pure buffalo milk marks another step in Mother Dairy's mission to provide high-quality dairy options to meet diverse consumer needs.

Workshop on Animal Nutrition & Balanced Feeding by CEDSI in Assam

Centre of Excellence for Dairy Skills in India (CEDSI) and Agriculture Skill Council of India (ASCI), in partnership with the Directorate of Dairy Development, Government of Assam, is organizing a workshop focused on **Animal Nutrition & Balanced Feeding**. This initiative aims to enhance the knowledge and skills of dairy farmers and professionals in Assam, promoting sustainable dairy farming practices. The workshop will cover critical topics such as the importance of balanced diets for dairy animals, efficient feed management, and the latest advancements in animal nutrition. By fostering expertise in these areas, the event seeks to improve milk production, animal health, and overall dairy sector growth in the region.



CEDSI- Knowledge Section

The Role of Dairy in Sustainable Agriculture

Introduction

As the global population continues to grow, so does the demand for dairy products. However, the dairy industry faces significant challenges in balancing productivity with environmental sustainability. This blog explores how dairy farming can be integrated into sustainable agricultural practices, emphasizing the crucial role of skill development and training.

Sustainable Dairy Farming: An Overview

Sustainable dairy farming aims to meet current dairy demands without compromising the ability of future generations to meet their own needs. It involves managing resources and farming processes in ways that are environmentally friendly, economically viable, and socially responsible.

Key Components of Sustainable Dairy Farming

Sustainable dairy farming encompasses several key components

Resource Efficiency

Efficient use of water, energy, and feed can significantly reduce the environmental footprint of dairy farms. Techniques such as precision farming can help manage resources more effectively, ensuring minimal waste.

Animal Welfare

Good animal welfare practices are not only ethical but also crucial for productivity and quality. Healthier animals produce more milk and have a lower environmental impact per unit of milk produced.

Biodiversity

Maintaining or enhancing biodiversity on dairy farms can contribute to ecosystem health, which supports more resilient farming systems.

Empowering Farmers Through Training

For dairy farming to be truly sustainable, farmers must be equipped with the skills and knowledge to implement and maintain sustainable practices. Effective training programs can include

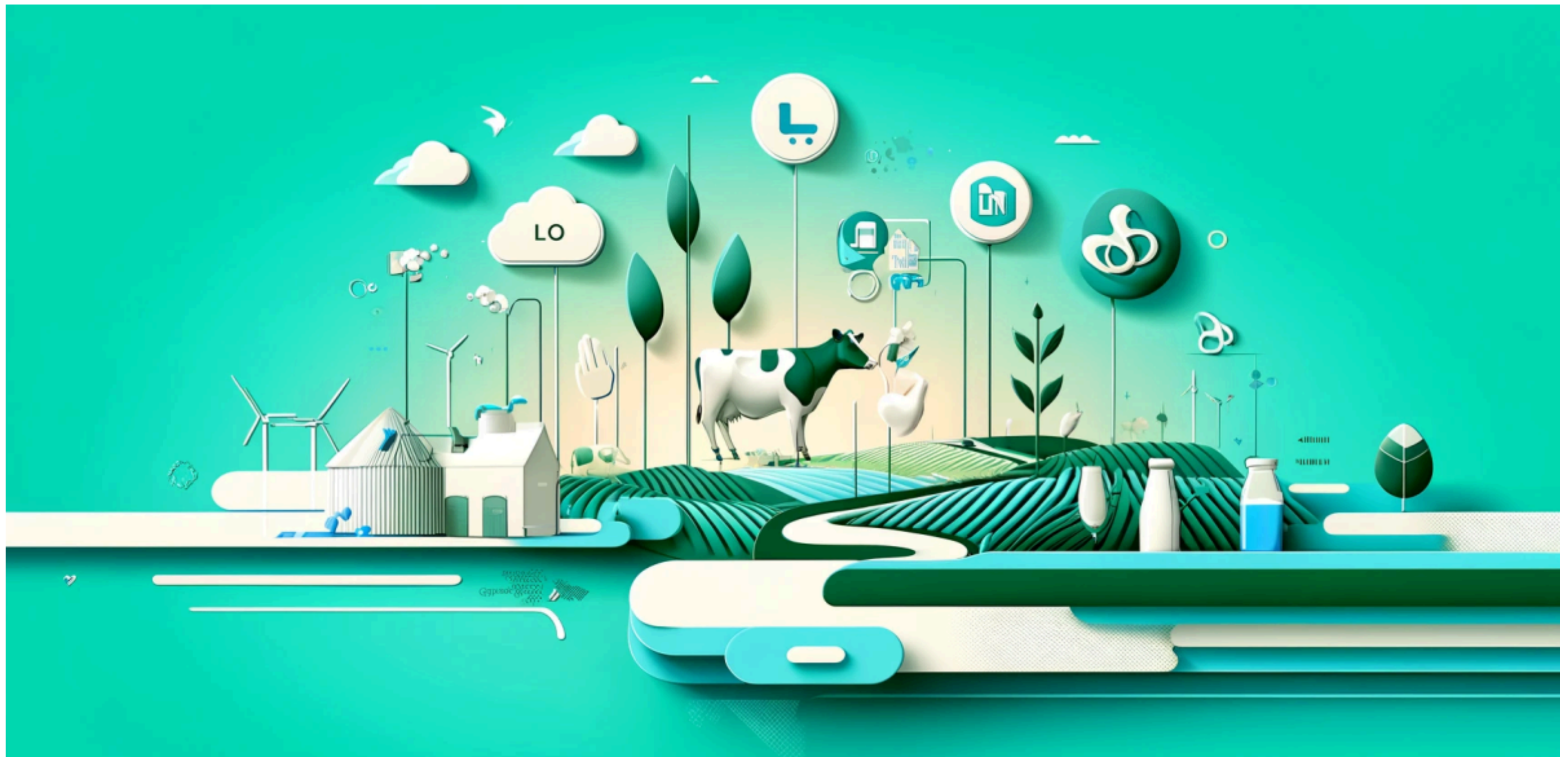
- **Resource Management Workshops:** Educating farmers on techniques for efficient use of water, energy, and feed.
- **Animal Health and Welfare Seminars:** Training in veterinary care, nutrition, and welfare standards to improve productivity and reduce environmental impacts.
- **Conservation Practices:** Teaching methods to enhance on-farm biodiversity, such as maintaining wildlife habitats alongside farming operations.

Latest Data and Technology in Dairy Sustainability

Utilizing the latest data and technology is crucial in optimizing dairy sustainability. For instance, the use of IoT devices for monitoring resource use and animal health can lead to more precise and efficient farm management. Moreover, recent advancements in genetic technology can improve animal breeding practices to enhance productivity and resilience to climate change.

Conclusion

The role of dairy in sustainable agriculture is multifaceted and essential. By focusing on skill development and continuous training, the dairy industry can ensure that farmers are well-prepared to adopt sustainable practices that will benefit the environment, the economy, and society at large. Empowering farmers through education is not just about enhancing their capacity but also about transforming the dairy sector into a leader in sustainable agricultural practices.



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| <p>9 INDUSTRY, INNOVATION AND INFRASTRUCTURE</p>  | <p>7 AFFORDABLE AND CLEAN ENERGY</p>  | <p>17 PARTNERSHIPS FOR THE GOALS</p>  |

Who are we

The **Centre of Excellence for Dairy Skills in India (CEDSI)** is working under “**Centre of Excellence for Agriculture Skills in India (CEASI)**” is an autonomous organization working under the aegis of “**Agriculture Skill Council of India (ASCI)**”, which is working under **Ministry of Skill Development & Entrepreneurship (MSDE)** for skilling and capacity building of farmers, wage workers, self-employed professionals, extension workers etc. engaged in organized and unorganized segments of Agriculture & Allied sectors.

CEASI is an apex organization of Centres of Excellence in various sub-sectors of agriculture viz.

- Centre of Excellence for Dairy Skills in India(CEDSI)
- Centre of Excellence for Horticulture Skills in India(CEHSI)
- Centre of Excellence for Farm Mechanization Skills in India(CEFMI)


CEDSI Membership will provide a unique platform for the industry leaders, policymakers, development practitioners, dairy scientists, researchers, students, and farmers to debate and discuss the issues of imminent importance to the dairy industry.





+91 7428706078





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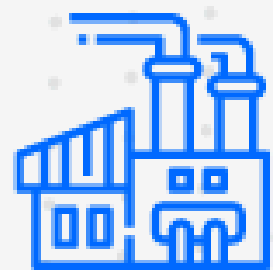


Centre of Excellence for Dairy Skills in India

Join Our Membership Drive and Get Benefits of

- ✓ Platform to interact with other members in the sector
- ✓ Networking opportunities with corporate leaders and government authorities
- ✓ Special costs of training in Skill India Certified Programmes
- ✓ Access to our Journal and Publications
- ✓ Expert advice in day-to-day operations and management of livestock /farm productions
- ✓ Free registration on the job portal and regular updates on job vacancies in the sector
- ✓ Recognize your organization with CEDSI Yearly Awards and Recognition
- ✓ Chance to reach across the board through advertising in our press releases, news and articles
- ✓ Consultative and advisory services to help members
- ✓ Consulting and advisory services to help members
- ✓ Periodic e-newsletter for the latest news, govt. announcement and schemes in dairy sectors
- ✓ Updates on training programs of CEDSI and access to the training calendar

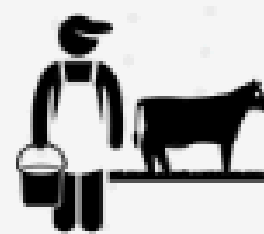
Who Can Become a Member -



Corporates/
Cooperatives



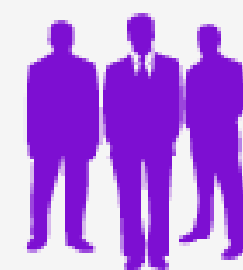
NGO's/CSR
Foundations



Dairy Farmers



Students



Professional

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CEDSI : Reviving Skills and Generating Livelihood

Skill Training Programme for Farmers/ Students/ Entrepreneurs

- Dairy Farmer/ Entrepreneur
- Dairy Farm Supervisor
- Dairy Worker
- Animal Health Worker
- Artificial Insemination Technician
- Veterinary Field Assistant
- Veterinary Clinical Assistant
- Calf Rearing
- Farm Equipment Technician
- Dairy farm Economics and Management
- Industry Aligned Certification Programs (Unemployed Youth and Students)

FPO Oriented Training Programs

- FPO Member Orientation on Product Technology and Processes.
- FPO Market Linkage
- FPO Governance
- FPO Accounting

Flagship Skill Training Programme for Dairy Corporates and Cooperatives

- Chilling Plant Technician
- Bulk Milk Cooler Operator
- Village Level Milk Collection Centre Supervisor
- Milk Tester
- Green-house Gases Mitigation
- Milk Quality Assurance
- Milk Delivery Boy
- Milk Procurement & Input Supervisor
- Waste Management In Dairy Industry
- Feed And Fodder Management
- Clean Milk Production
- Decision Support System/ Data Analytics