

IDA Tamil Nadu State Chapter and NIFTEM-T Jointly Organizes a National Conference at the NIFTEM-Thanjvur

The National Conference on "Innovation, Entrepreneurship, and Start-up Opportunities in Food & Dairy Sector", was jointly organized by the National Institute of Food Technology Entrepreneurship and Management, Thanjavur (NIFTEM-T) and IDA Tamil Nadu State Chapter (TSC) during October 25-26, 2024. The event was held with grandeur at the NIFTEM-Thanjvur auditorium. It was aimed to explore the dynamic and evolving landscape of the food and dairy industry. The event attracted over 1,200 students from more than 70 colleges and institutions across the country. This conference provided a robust platform for students, academicians, industry leaders, and entrepreneurs to discuss the latest trends, technological advancements, and potential in the food and dairy sectors.

Inaugural Session

Dr. V. Palanimuthu, Director of NIFTEM-T, welcomed the esteemed guests, including Chief Guest Dr. S.V. Suresha, Vice Chancellor, University of Agricultural Sciences, Bengaluru; Special Guest Dr. Preet Pal Singh, Joint Secretary of the Ministry of Food Processing Industries, Government of India; and Dr. R.S. Sodhi, Chairman of the Board of Governors of NIFTEM-T and President-IDA.

Shri K.S. Kanna, Chairman, IDA TSC, extended a welcome bouquet to Dr. Palanimuthu. Dignitaries performed the traditional "kuthuvilakku" lamp lighting ceremony, symbolizing the inauguration of the event with positivity and enlightenment.

The Chief Guest, Dr. S.V. Suresha, delivered an inspiring inaugural address, urging students to recognize and seize opportunities, adapt to industry trends, and take calculated risks to establish themselves as entrepreneurs. He emphasized the importance of innovation and encouraged the audience to transform from job seekers to job creators.

Special Guest Dr. Preet Pal Singh released the Souvenir of the Conference, which was presented to the dignitaries on the dais. Dr. Singh highlighted the significant accomplishments of the IDA over the past nine years and outlined various platforms provided by the Government of India to support start-ups in the food and dairy sectors. Dr. R.S. Sodhi delivered a special address that included insightful statistics on industry needs and offered strategies to overcome start-up challenges.

Dr. V. Palanimuthu, in his address, expressed gratitude to the distinguished guests and participants. He highlighted the vast opportunities available for food-based start-ups and entrepreneurs, especially in Tier II and Tier III cities. During the inaugural session, the Best Woman Dairy Farmer Award (Tamil Nadu and Puducherry) was given to Ms. V. Selvanayagi from Coimbatore, and the Best Dairy Tech Student Award to Ms. M. Azroon Fahmeetha, an M.Tech Scholar from the College of Food and Dairy Technology, TANUVAS, Chennai. Awards were sponsored by the IDA TNC.



Shri C.P. Charles, Secretary General, 50th DIC was felicitated for his dedication and hard work in making the conference as huge success.

The session concluded with a vote of thanks from Shri K.S. Kanna, who expressed his gratitude to the sponsors, organizing committee, and all participants for their contributions to the event's success.

Oral and Poster Sessions

The conference featured several oral sessions that explored diverse themes such as "Innovative Products and Technologies in Food and Dairy Sector", "Advances in Farming Practices and Milk Production", "Dairy Ingredients and Functionality", "Innovations in Quality Detections", "Branding and Marketing", "Safety, standards & Regulatory compliances", "Entrepreneurship and Business Opportunities"; and "Digitalization & Computer-based Applications."

These sessions offered participants valuable insights into emerging technologies and innovative approaches that have the potential to transform the food and dairy industries.

A poster session received an impressive 266 submissions under various themes, including Innovations in Milk Production and Sustainability; Advances in Food and Dairy Processing, Value Addition, and Ingredients; Safety, Quality, and Emerging Detection Techniques; and Marketing, Retailing, and Digitalization in the Food and Dairy Industry.

These themes represented the forefront of research and innovation with posters showcasing pioneering work in product development, quality control, and market strategies. The session offered an excellent opportunity for participants to engage in discussions on practical applications and future possibilities in the sector.

Exhibition Stalls

An exhibition added vibrancy to the conference, with stalls from leading companies in the dairy and food industries. Dodla Dairy Limited was the Diamond sponsor, with Heritage Foods, Hatsun Agro Product, Aroma, GRB Dairy, Rinac, Frick, Zeuser, Mercelys Ice Cream, Cothas Coffee, Smart Engineering, and



NIFTEM-T as gold sponsors. These organizations showcased their latest products, technologies, and innovations, giving participants a first-hand look at industry advancements and trends.

Valedictory Session

The Valedictory session marked the close of the conference. Shri K.S. Kanna delivered the welcome address, followed by a talk by the Chief Guest Dr. Ashok Sangappa Alur, Vice Chancellor of Kodagu University. Dr. Alur spoke about the immense potential in food and dairy entrepreneurship, encouraging attendees to explore innovative solutions for the industry's future.

Shri C.P. Charles, Central Executive Committee Member of IDA, delivered the Guest of Honour address, sharing inspiring success stories from companies such as Amul and Dodla. He also commended the organizers on their success with the 50th Dairy Industry Conference, symbolizing the growing importance of platforms that foster entrepreneurship and innovation in food and dairy.

Prof. V. Palanimuthu delivered a Presidential address wherein he expressed gratitude to the IDA TSC, for their partnership in organizing the successful event.

The event concluded with a vote of thanks delivered by Dr. D.V. Chidanand, Associate Professor at NIFTEM-T, who acknowledged the efforts of all participants and organizers in making the conference a success.

The National Conference on Innovation, Entrepreneurship, and Start-up Opportunities in Food & Dairy Sector was a resounding success. The event brought together a broad spectrum of industry experts, budding entrepreneurs, and students. The event provided a platform to explore trends, technologies, and entrepreneurial possibilities that will shape the future of food and dairy. Through inspiring talks, engaging discussions, and practical exhibitions, the conference motivated and equipped participants to contribute meaningfully to the food and dairy sectors, marking a new chapter of innovation and growth.

IDA Eastern UP Chapter Organizes International Conference at BHU

An International Conference on "Emerging Paradigm Shifts in Food & Dairy Processing: Advances in Food Safety, Quality, and Sustainability," was organized in collaboration with IDA Eastern UP Chapter (EUC) and Association of Food Scientists and Technologists on October 25-26, 2024, at Swatantrata Bhawan, Banaras Hindu University (BHU). The Conference provided a pivotal platform for exchanging knowledge and innovations in food processing and safety.

This Conference attracted over 600 participants from academia, industry, and regulatory sectors, promoting interdisciplinary discussions on advancing food processing technologies, sustainable practices, and quality standards. During the Conference Invited Talks, Oral Presentations, Poster Session, Industry Academia Student Meet and Young Scientist Award Presentations were held.

The Chief Guest of Inaugural session was Shri Ravindra Jaiswal, Minister of State (Independent Charge) for Stamp, Court fee and Registration Department. In his address, he spoke on national food security. The Registrar of BHU was Guest of Honour in the Inaugural Session. The Dean, Faculty of Agriculture welcomed the Guest. Prof. Anil Kumar Chauhan, Senior Professor (HAG, Academic Level-15),

Food Technology and Head, Department of Dairy Science and Food Technology (DSFT) while briefing the gathering about the conference acknowledged that this is the first time when Two apex society of Dairy and Food Technology has come together to discuss the very sensitive issue of food security. While, the Director, Institute of Agricultural Sciences delivered the Presidential address and Dr. Arvind, Chairman, IDA EUC and Organizing Secretary gave the vote of thanks. In his address, he applauded the hard work of Dr. Tarun Verma, Secretary, IDA EUC and all individuals involved in organizing this mega event. The support of various organizations like Dodla Dairy, Gyan Dairy, Mother Dairy, Amul were acknowledge.

Day one commenced with the Inaugural ceremony, followed by Keynote address from Dr. Digvir Jayas, President of the University of Lethbridge, who provided insights into recent trends in the food industry. Technical sessions across the two days showcased significant advancements in areas like biotechnology, food preservation, and packaging. These sessions underscored the critical need for integrating sustainable practices and safety measures into food processing, while speakers presented cutting-edge research on biotechnological interventions, novel food ingredients, and sustainable food systems.

The technical session of the conference showcased a diverse range of research aimed at addressing contemporary challenges in food safety, quality, and sustainability. Esteemed speakers presented innovative solutions and advancements to meet the evolving demands of food technology and processing.





Poster presentations served as a cornerstone of the conference, with five dedicated themes covering areas such as innovative processing technologies, waste valorization, and advancements in bio-preservation through more than two hundred posters. A highlight was the poster session on "Innovative Processing Technologies and Sustainable Packaging Solutions for Enhanced Food Safety," which encouraged engaging discussions and peer feedback on emergent food technologies.

Moreover, the Young Scientist Award session celebrated pioneering research from early-career scientists, focusing on innovative solutions to contemporary challenges in food technology, biotechnology, and sustainability. Topics included the valorization of agricultural by-products, antimicrobial resistance, and cold plasma treatment applications, reflecting the future potential of sustainable approaches in food science.

The special Session on Industry Academia Student meet was organized wherein Industry persons had guided the students for their career option. Dr. G.S. Rajorhia, former President IDA had chaired the session. This session was moderated by Dr. Abhishek Dutt Tripathi and Shri Sunil Meena, Training and Placement coordinator of the department.

The Valedictory session marked the conference's conclusion, celebrating the participants' contributions and distributing awards for outstanding presentations. Prof. Amit Patra, Director, IIT, BHU was the Chief Guest of the Valedictory session. This conference illuminated the pressing issues and opportunities in food and dairy processing and underscored the role of collaboration in driving advancements in food safety, quality, and sustainability for a healthier future.

IDA (SZ) Organizes "Fodder Mela" at Veterinary College, Hebbal

'Fodder Mela' was organized by IDA (SZ) in Joint collaboration with Veterinary College, Hebbal, Bengaluru

(KVAFSU, Bidar) on October 25, 2024. A total of 40 stalls were exhibited and more than 3500 visitors visited the stalls wherein varieties of fodder samples, fodder seeds, root slips were exhibited. Machineries for fodder processing and dry fodder enrichment were also demonstrated to farmers. Technical brochures, leaflets were distributed to visitors. About 400 college students also witnessed this event.

The function was inaugurated by Prof. K.C. Veeranna, Hon'ble Vice-Chancellor, KVAFSU, Bidar in the august presence of Hon'ble Members of Board of Management of KVAFSU, Bidar Smt. Latha, D.H., Dr. Venkatachala V.S.; Dr. H.M. Jayaprakasha; Shri. Sangappa Doddabasappa Walikar; Shri. Basavaraj. P. Bhatmurge; Dr. Manjunatha S. Palegar, Director, Dept. of Animal Husbandry and Veterinary Services, Govt. of Karnataka; Dr. Padma Prakash, Director, Karnataka Milk Federation; Dr. B.V. Shivaprakash, Director of Research, KVAFSU, Bidar and Dr. H.C. Indresh, President, Karnataka Veterinary Council, Bengaluru. The function was presided by Dr. N.K. Shivakumar Gowda, Dean, Veterinary College, Bengaluru and coordinated by Dr. Manjunatha, L., Professor and Head, Dept. of Veterinary and Animal Husbandry Extension Education.



The technical session on fodder evinced a keen response among the participants and about 10 resource persons shared their experience and knowledge. The valedictory programme was graced by Dr. Chandre Gowda, Principal Scientist & Director (Incharge), ICAR-ATARI, Bengaluru and Dr. N. Seetharam, President, Senior Veterinarians Association of Karnataka.

IDA Tamil Nadu State Chapter Organizes World Food Day

To commemorate World Food Day, a Students Rally for Sustainable Food System, was jointly organised by Agricultural Engineering and Food Technology departments of Nehru Institute of Technology (NIT),



Coimbatore and IDA TSC at Race Course, Coimbatore on October 22, 2024.

The event aimed to raise awareness about the importance of a sustainable food system and advocate for food. The rally was inaugurated by Shri K.S. Kanna, Chairman, IDA TSC and Shri Murali, MD of A1 chips along with Shri Daniel Paul, HOD, Food Technology and Dr. Hema Prabha, Dean (Agricultural and Food Technology), NIT.

Nearly 400 students from Nehru Educational Group participated in the event. The energetic crowd of students and supporters chanted slogans, fostering a sense of solidarity and urgency around food justice. The event highlighted the need for collective action towards, creating a more equitable and sustainable food system.

IDA Kerala State Chapter Organizes Hands on Training- PAALARIVU'24

IDA Kerala State Chapter (KSC) organized 3-day Hands on training program- "Paalarivu" in collaboration with the final year students of B.Tech Dairy Technology, VKIDFT.



The training was held on the topic "Preparation of Value-Added Dairy Products for Small Scale Entrepreneurs" during October 14-16, 2024 under the guidance of Dr. S.N. Rajakumar, Dean VKIDFT and Chairman, IDA KSC; Ms. Rashmi KG, DEO on Deputation, Department of Dairy Technology; Dr. Divya K.B., Assistant Professor Dairy Technology. 24 participants registered for the program. The training covered Khoa, Peda and Gulab Jamun and demonstrated their production method on the first day. On the second day,

lectures and demonstration were conducted for products such as set curd, yoghurt, yoghurt smoothie, paneer, paneer pickle, Grape whey squash and ice cream mix.

On October 16, the last day of the training program, the trainees were allowed to visit KVASU Dairy plant to familiarize themselves with the day-to-day operations of a Dairy plant. They also learned in detail about cream separation, ghee manufacturing, Ice cream Sip up making plant. They also visited the KVASU Feed mill and KVASU dairy farm. The Valedictory ceremony was conducted in the Seminar Hall of VKIDFT.

IDA (North Zone) Invites Application for the Best Maintained Dairy Plant Award (Each in Private and Cooperative/ Govt. Sector) in North India

Indian Dairy Association (North Zone) invites application for the Best Maintained Dairy Plant Award (Each in Private and Cooperative/Govt. Sector) in North India.

The applications are invited from different dairy plants located in the states of Haryana, Punjab, Jammu-Kashmir, Himachal Pradesh, Uttar Pradesh, Uttarakhand and Rajasthan in the prescribed format.

The Application Form can be downloaded from IDA Website or through link (<https://indiandairyassociation.org/uploads/others/IDA-NZ-Best-Maintained-Dairy-Plant.pdf>). The duly filled applications should be sent to IDA (North Zone) Office, IDA House, Sector-IV, R.K. Puram, New Delhi-110022. Last date for receipt of the applications is 15-01-2025.

The applications should be accompanied with a fee of Rs. 10,000/- (Ten thousand) per plant. It may be paid directly to IDA North Zone bank account in ICICI Bank as per details are as follows :

Account Holder Name:

Indian Dairy Association North Zone

Bank: ICICI Bank**Account No.:** 182401001311**IFSC Code:** ICIC0001824**Branch:** R.K. Puram Branch, IDA House, Sector IV, R.K. Puram, New Delhi - 110022



IDF World Dairy Summit 2024

The International Dairy Federation (IDF) World Dairy Summit 2024 took place in Paris-La Défense, France during October 15-18, 2024. The theme of the four days Summit was ' **Proudly Committed to a Sustainable World**'.

This year, at the IDF World Dairy Summit, global dairy community took a landmark step by endorsing the Paris Dairy Declaration, affirming its commitment to sustainability. Government representatives and Dairy Leaders from across geographies came together to sign and endorse the declaration led by the IDF and FAO Livestock. This important declaration aims to accelerate the global transformation of the dairy sector, focusing on enhancing livelihoods, environmental stewardship and achieving the Sustainable Development Goals.

Speaking at the Summit, Secretary Dept. of Animal Husbandry and Dairying, Ministry of FAHD and President, Indian National Committee of IDF, Ms. Alka Upadhyaya highlighted India's role in taking forward the global sustainability initiative with milk contributing 4% to India's economy and supporting over 80 million rural families. Ms. Upadhyaya emphasized India's focus on efficient, sustainable and farmer-remunerative dairying under White Revolution 2.0 empowering rural livelihoods.

She also participated in a session on "Moving forward on global dairy Sustainability" on the theme of "To Embrace Long Term Approaches/Public Private Partnerships/Public Policies/Incentives/Finance needed."

During the session, she emphasised on the importance of making the agricultural sector especially dairy farming more attractive & sustainable. Focus should be on training farmers so as to enable them to adopt the latest technologies and innovations. India has been conducting many pilots in the domain of renewable energy and now with support of private sector players, the process of the scaling up the interventions in the Biogas and Bio-CnG spectrum is being pursued.

Ms. Alka Upadhyaya also suggested creating a knowledge-based management system within the International Dairy Federation to share best practices.

She explained the importance of public-private partnerships, research, and ensuring that farmers are engaged from the beginning to avoid policy failures. She also mentioned the significant role of international organisations like IDF and FAO that are crucial players in supporting farmers and creating markets.



Secretary (AH&D), Ministry of FAHD, GoI; Chairman, NDDB with Newly Elected President-IDF & Former President-IDF; FAO Official; and Other IDF National Committee Members



Team IDA with Newly Elected President-IDF & Former President-IDF

Dr. Meenesh Shah, Chairman, NDDB and Member Secretary, Indian National Committee of IDF also joined the global dairy community including Government representatives and Dairy Leaders from across geographies to sign and endorse the declaration led by IDF and FAO Livestock.

Speaking on the occasion, Dr. Shah, highlighted India's remarkable dairy journey from achieving self-sufficiency to becoming the largest milk producer. He emphasised India's commitment to balancing development and sustainability by focusing on scientific nutrition, methane reduction, and renewable energy, aligning with the goal of 'Net-Zero GHG emissions' in dairying.

He further noted that in line with Paris Dairy Declaration, India has consistently advocated that sustainability efforts must protect the livelihoods of dairy farmers, who are central to the global dairy system, providing food to billions and jobs to millions.

By signing the "Paris Dairy Declaration on Sustainability", the global dairy sector will once again, after Rotterdam Dairy Declaration of 2016, express and emphasize the fact that dairy continues to be a part of the solution in effectively achieving the Sustainable Development Goals.

On the sidelines of the visit to attend the IDF Summit, an agreement was signed between IDMC Ltd. - a subsidiary of NDDB and a leading manufacturer of dairy equipments M/s Simon Freres – a French company which is a leading manufacturer of butter making & bulk butter packing plants globally. The agreement envisages to manufacture continuous butter making machines by IDMC Limited in India, which will lead to a reduction in the cost of machines benefitting the dairy sector in line

with the vision of AatmanirbharBharat.

The agreement was executed by Shri Rajkumar Malik, Executive Director, IDMC Ltd and Mr. Daniel Schmit, Managing Director, Simon Freres in presence of delegates from India including Ms. Alka Upadhyaya, Dr. Meenesh Shah, and Shri S. Regupathi, Executive Director, NDDB.

It was a proud moment for the Indian Dairy Association (IDA) team representing the Indian Dairy Sector led by Dr. R.S. Sodhi, President; Shri Arun Patil, Vice President; Dr. J.B. Prajapati, Chairman, IDA (WZ); Shri Rahul Saxena, Chairman, IDA (NZ); Shri C.P. Charles, IDA CEC Member representing IDA (SZ); Shri Sudhir Kumar Singh, Chairman, IDA (EZ); Shri B.V.K. Reddy, IDA CEC Member and CEO, Dodla Dairy; and Shri Ajit Patel, IDA CEC Member and MD, Everest Instruments.

Dr. R.S. Sodhi, President-IDA participated in the "Dairy Leaders' Forum on Sustainability" on October 18, 2024. On behalf of the IDA, he signed the "Dairy Declaration of Paris on Sustainability."

During the forum, Dr. Sodhi spoke on the theme of "The Strength of Collective Approaches on Sustainability" with reference to India. He highlighted how India's dairy supply chain, which includes a population of 300 million cattle and buffalo, provides livelihoods for 80 million small producers through 10 million retailers. This system makes affordable nutrition available to 1.42 billion people in India in a very environmentally sustainable way. India's small stakeholder dairy system is also able to meet three sustainability goals: recycling, renewable energy, and reducing carbon emissions.

Dr. Sodhi emphasized that while efforts to maximize

environmental sustainability are essential, we must also remember that "Sustainability starts when stomachs are full." Therefore, the global dairy industry needs to address the issue of "Emissions for Livelihood versus Emissions for Luxury."

IDF Dairy Innovation Awards 2024

The winners of the third annual IDF Dairy Innovation Awards were announced on October 18, 2024, during a Special Plenary Session on Innovation at the IDF World Dairy Summit 2024 in Paris, France.

During this session, videos showcasing the innovative solutions were presented, highlighting the remarkable achievements of the awardees. Mr. Vincenzo Beneveto, Vice President Processing Liquid Food Solutions, Tetra Pak US, Keynote speaker of the event, delivered some inspiring words to all the winners, finalists, and attendees.



Dairy Innovation Awards 2024

The IDF Dairy Innovation Awards is an International Dairy Federation initiative designed to celebrate and encourage innovative practices across the global dairy sector, which was first launched in 2022 in partnership with Zenith Global and supported by headline sponsorship from Tetra Pak.

With a particular focus on Sustainability, both in terms of environmental care and positive social impact, the awards seek to stimulate innovative practices that improve farming and processing of milk and dairy foods.

In this year's edition, the **IDF Dairy Innovation Awards** received a remarkable 153 entries from 25 countries, demonstrating the growing enthusiasm and commitment to showcasing innovation across the global dairy sector.

Three Indian organizations stood out for their innovation are: **Sundarban Cooperative Milk & Livestock Producers' Union Limited (Sundarini)**, India's first all-women organic dairy cooperative, for winning the Innovation in



Sustainable Farming Practices - Socio-Economic Award 2024; **Asha Mahila Milk Producer Company Limited Udaipur Rajasthan** for being honoured with the Innovation in Sustainable Processing Award and commend **Amul Dairy** for receiving the prestigious IDF Dairy Innovation Award 2024 for their pioneering efforts in using homeopathic medicine for dairy animals to combat antimicrobial resistance.

List of the Winners under various categories of IDF Dairy Innovation Awards 2024 are:

Innovation in Sustainable Farming Practices - Environment

Teagasc, Bord Bia and ICBF - AgNav - Ireland.

Innovation in Sustainable Farming Practices - Animal Care

Amul Dairy - Amul Dairy - India

Innovation in Sustainable Farming Practices - Socio Economic

National Dairy Development Board - Sundarban Cooperative Milk & Livestock Producers' Union Limited - India.

Innovation in Sustainable Processing

Asha Mahila Milk Producer Company Limited - Asha Mahila Milk Producer Company Limited - India.

Innovation in Sustainable Packaging

Danone - Actimel removes the plastic sleeve - France.

Innovation in New Product Development - Human Nutrition

Inner Mongolia Dairy Technology Research Institute Co., Ltd - Satine Active Lactoferrin Organic Pure Milk - China.

Innovation in New Product Development - Equipment

Unisensor - Aurox System - Belgium.

Innovation in Climate Action

STgenetics - Ecofeed® - USA.

Innovation in Women Empowerment

International Dairy Foods Association (IDFA) - Women in Dairy network - USA.

Innovation in Marketing & Communication

J-milk - J-milk - Japan.

IDA News

Mahatma Gandhi Jayanti Organized by IDA Haryana State Chapter

Mahatma Gandhi, lovingly known as Bapu, is internationally acknowledged for his doctrine of non-violence that led to India to its glorious freedom. IDA Haryana State Chapter (HSC) organized Mahatma Gandhi Jayanti Celebration at Shri Bhagirath Arya Girls School, New Ramesh Nagar, Karnal on 2nd October, 2024. The mission of this school is to provide education for economically poor and destitute children. Gandhi Jayanti is very patriotic day, so maintaining the legacy of this day, school children performed patriotic songs.

Dr. S.K. Kanawjia, Ex-Emeritus Scientist (Dairy Technology) & Chairman, IDA HSC welcomed Shri Amar Singh, Managing Director, Bhagirath Arya School, dignitaries, members of IDA HSC, Staff members of Arya School, Children and participants on this auspicious day and apprised the gathering with the significance of Mahatma Gandhi Jayanti. This is a special day for every Indian to remember Gandhi's legacy of peace, non-violence, and social justice. His teachings have inspired people all over the world. Gandhi Jayanti is also

celebrated as the International Non-violence Day across the nation. Gandhiji always encouraged us to the subject of cleanliness in our society, surroundings and our respective houses. Also elaborated the importance of milk and dairy products in meeting the daily nutritional and health requirements.

Dr. Kanawjia enlightened the gathering with the role of milk and milk products for maintaining good health. Milk has been known as nature's complete food for millennia, playing currently an important role in the diet of over 6 billion people in the world. India with total milk production of 230.58 MMT ranks No.1 in the world. Milk and milk products are nutrient-dense foods, supplying energy and high-quality protein with a range of essential micronutrients (especially calcium, magnesium, potassium, zinc, and phosphorus) in an easily absorbed form. Dairy products are rich in nutrients



that are essential for good bone health, including calcium, protein, vitamin D, potassium, and phosphorus. Calcium also has been shown to be beneficial in reducing cholesterol absorption, and in controlling body weight and blood pressure.

Dr. Mahender Singh, Emeritus Professor & Vice Chairman, IDA HSC enlightened the gathering with importance of milch animals and milk in our life.

Shri Amar Singh, Managing Director, Bhagirath Arya School, explained the various welfare activities of their organization in addition to providing schooling children.

Members of executive Committee of HSC Dr. Parveen Kamboj, Dr. Pradip Behare, and Dr. Yogesh Khethra, and special invitee Dr. Ashwani Roy Former Principal Scientist (Animal Physiology, NDRI) contributed significantly in organizing this programme. Lassi and sweets were served to all the participants.

Awareness Programme on Animal Reproductive Health & Clean Milk Production

IDA Haryana State Chapter (HSC) organized an awareness programme on "**Animal Reproductive Health and Clean Milk Production**" for the Dairy Farmers, Women and Youths on September 28, 2024 at Muradgarh, Indri, Haryana.

Dr. Parveen Kamboj, Ex-Principal Scientist (NDRI) and Executive member, HSC welcomed the Dairy farmers, women, youths and Sarpanch of the village. He introduced the topic relevance and purpose of organizing the program.

Dr. S.K. Kanawjia, Ex-Principal & Emeritus Scientist (Dairy Technology) and Chairman, IDA HSC explained the participants the importance of clean milk production and described the steps followed in clean milk production.

This is essential that all the care must be taken which limits quality milk production at farm level. He emphasized that Clean Milk Production is one of the areas which can be given top priority by the farmers to fetch more money by producing good quality milk and milk products. The activities covered under clean milk production are Feeding, Housing, Animal Health, Cleanliness of Milking Equipment, Practices of Hygienic Milking, Cooling, etc. He further elaborated the use of milk and products in routine life as a part of nutrients source for keeping ourselves healthy. Dairy farmers are committed to ensure food sovereignty and provide everyday milk and milk products that are good, safe and quite affordable.

Dr. Mahendra Singh, Ex-Principal Scientist, Emeritus Professor (NDRI) and Vice Chairman, HSC mentioned that a good concept regarding reproductive management is very essential for economic dairy farming. Reproductive management should aim at getting the heifer in calf sufficiently early so as to tap the full potential of the animal. Getting the cows to calve at intervals of 12-14 months. He explained the various measures to get quality milk from the cows and buffaloes especially in summer season in which mastitis and subclinical mastitis incidence increases.



The simple method of fore strip milk quality observations could be followed by the youngsters' dairy farmers to keep the udder healthy. Dr. Singh also explained the significance of mineral mixture feeding specially role of Zinc, Cu, cobalt and Ca-P in milk synthesis and reproductive performance in cows and buffaloes.

The examination of the lactating and dry animals (30) was carried at farmer's doorsteps. Medicine for the treatment of udder inflammation, anestrus, repeat breeding, worms, low milk production etc. was found in animals for which treatment was given. Farmers were told to take



necessary measures to minimize reproductive disorders by balance feeding of ration and use of phenyl, potassium permanganate lime was suggested to keep the floor free of pathogens.

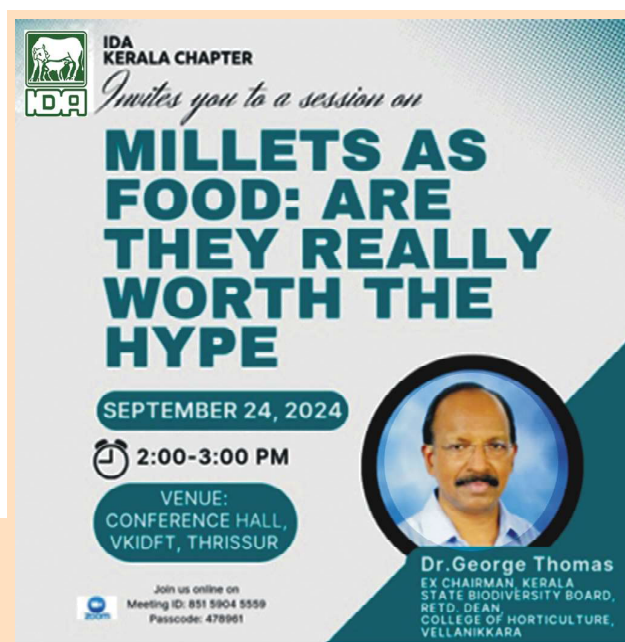
Dr. Parveen thanked the farmers, women participants and Sarpanch of the village to make the awareness program successful.

Shri Vinod Chaudhary, Sarpanch of Indri Village thanked the IDA HSC for organizing the program and all the dairy farmers, women and others for their active participation to make the program a success.

Dr. Kanawjia thanked Hon'ble Chairman, IDA (NZ) and IDA HQ for the help and financial support extended for organizing this program.

IDA Kerala State Chapter Organizes a Talk Session

Indian Dairy Association (IDA) Kerala State Chapter (KSC) organized a talk session on "**Millets as Food: are they really worth the hype**" by Dr. George Thomas, Ex. Chairman, Kerala Biodiversity Board and Retd. Dean, College of Horticulture Vellanikkara on September 24, 2024 at Conference Hall, Verghese Kurien Institute of Dairy and Food



Technology, Thrissur.

Ms. Aysha C.H, Treasurer, IDA KSC introduced the speaker. During the session, the science behind millet, the myths, realities and the future of this food was explained. The session was conducted in a hybrid mode. 50 offline participants attended the talk.

National Conference on 'Dairying – A Tool for Livelihood, Health and Nutrition' at MAFSU, Nagpur

Two days national conference on '**Dairying - a Tool for Livelihood, Health & Nutrition**' was organized by IDA (West Zone) in association with Maharashtra Animal and Fishery Sciences University (MAFSU), Nagpur during August 17-18, 2024 at Nagpur Veterinary College, Nagpur. The conference brought together industry professionals to discuss different issues related to milk production and productivity. About 650 delegates participated in the conference.

Shri Nitin Gadkari, Hon'ble Union Minister of Road Transport and Highways, Govt. of India inaugurated the conference and distributed the awards constituted by IDA (WZ).

Dr. N.V. Patil, Hon'ble Vice-chancellor, MAFSU, Nagpur extended a warm welcome all dignitaries and delegates and appreciated the efforts of IDA to organize this



Shri Nitin Gadkari, Hon'ble Union Minister of Road Transport and Highways, Govt. of India lighting the lamp during inaugural ceremony

conference at Nagpur. He also acquainted the audience with the work done of MAFSU for the dairy farmers in the Vidarbha and Marathwada region of Maharashtra.

Dr. J.B. Prajapati, Chairman, IDA (WZ) also welcomed all the participants elucidated the main purpose of the conference to educate the society about the contributions of dairying for health, nutrition and livelihood. He also informed that IDA (WZ) is active in the five states including Gujarat, Maharashtra, Madhya Pradesh, Chhattisgarh and Goa.

Dr. R.S. Sodhi, President-IDA congratulated IDA (WZ) and MAFSU, Nagpur for organizing this conference in Nagpur for the first time. He thanked milk producers of country for making India the highest milk producing country in the world. Nowadays, we are contributing 24% of the world milk production. He said that, we have a big challenge namely, mindset of policy makers, media and average consumers. When the milk prices are increased, it is reported as inflation but nobody report that it's an increase in the income of milk producers. So, we need to accept that increase in the prices of milk



Dignitaries addressing the audience during the Conference

Top - Left to Right: Dr. R.S. Sodhi, Dr. N.V. Patil and Dr. P.G. Wasnik. **Centre:** Shri Nitin Gadkari; **Bottom - Left to Right:** Dr. J.B. Prajapati, Dr. Meenesh Shah, and , Dr. C.D. Mayee



or agriculture produce is not inflation but it is food prosperity. The other important point is that we should try to reduce the cost of processing per kg while maintaining quality of the milk and milk products which will attract interest of the consumers. We need to increase the milk yield per animal by using innovation and improving breed quality and feeding. He also emphasized that, we must make efforts to ensure that our products are accepted in overseas markets as we have great potential to export dairy products.

Dr. Raghavendra Bhatta, DDG, (Animal Science), ICAR-New Delhi congratulated the IDA (WZ) and MAFSU, Nagpur for organizing the national conference on the very important theme for the western part of India and he said that deliberations in the conference will be beneficial to the all stakeholders of dairy sector.

Dr. Meenesh Shah, Chairman, NDDB expressed gratitude to Shri Nitin Gadkari for gracing the conference and proving support to NDDB and Mother Dairy for Vidarbha-Marathwada project targeting collection of 5 lakh litres of milk today. The project is operational in 11 districts with more than 3,000 villages collecting milk from including more than 35,000 dairy farmers. These collective efforts have contributed significantly to increasing farmers' income and solving their problems. Dr. Shah said that Maharashtra government has recently approved the second phase of this project. NDDB, Mother Dairy will now expand the project in all 19 districts of Vidarbha-Marathwada, and move towards achieving the revised target of 10 lakh litres. In regards to preparing biogas from dung, he said that the technology to convert biogas into bio-CNG is an important step towards sustainability. NDDB has installed more than 25,000 biogas plants of 2 cubic meters in farmers' house in Kolhapur, Pune, Sumul Union and other places. These plants provide a good energy source for cooking in farmers' homes and can use obtained slurries as organic fertilizers. NDDB has established 4,000 cubic meter biogas plant, which can be used in milk processing, generating thermal and electrical energy.

IDA (WZ) has constituted the **Best Dairy Plant** and **Best Woman Dairy Farmer** awards for the states of western India viz., Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh in recognition of their outstanding contribution to the growth and development of the Indian dairy sector from this year. The award consisted of a certificate, citation, trophy and a cash prize of Rs. 20,000/- especially for the women farmer awardees. Hon'ble Minister presented the awards to the following awardees:

Best Women Dairy Farmer Awards:

Gujarat: Ms. Parulben Patel, Mehul Dairy Farm, Chikhodara, Kaira Milk Union

Maharashtra: Ms. Lata Redekar, Kai Ku. Manau Uttam

Redekar Sahakari Dudh Vyavsaik Sanstha, Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd.

Madhya Pradesh: Ms. Vandana Nagar, Dugdha Sahakari Samiti Rasulpura, Bhopal Sahakari Dugdha Sangh Maryadit

Goa: Ms. Radha Timblo, Ekta Sahakari Dudh Vyavasayik Sanstha, Goa State Coop. Milk Producers's Union Ltd

Special Women Farmer award was given to Padmshree Smt. Phoolbasan Bai Yadav, Raipur, CG.

Under **Best Dairy Plant awards**, runners up and winners are as under:

Gujarat:

Winner: Surat-Tapi Dist Coop Milk Producers Union Ltd

Runner up: Kheda Satellite Dairy, Khatraj (A Unit of Amul Dairy, Anand)

Maharashtra:

Winner: Kolhapur Zilla Sah. Dudh Utpadak Sangh Ltd.

Runner up: Govind Milk & Milk Products Pvt Ltd. and Mother Dairy Fruit & Vegetable Pvt. Ltd.

Madhya Pradesh:

Winner: Indore Sahakari Dugdha Sangh Maryadit

Runner up: Ujjain Sahakari Dugdha Sangh Maryadit

Shri Nitin Gadkari in his inaugural speech indicated that 12-14% contribution in the country's GDP is from agricultural and affiliated sectors, including 65% population. To increase this contribution, he motivated the congregation to increase efficiency in agriculture and related sectors with appropriate technology and future planning based on water, land, forest and animals. Hon'ble Minister praised the work done by NDDB and mother dairy done in the Vidarbha-Marathwada region to increase the milk production. He emphasized on technological transfer, increased productivity, increased processing, and future planning at grassroot level. He also praised the work of MAFSU under the leadership of Vice Chancellor, Dr. N.V. Patil and asked to work



Hon'ble Minister and other dignitaries presenting Special Women Farmer Award

hard to increase the milk production of indigenous cow breeds in the area. While advising the use of local raw materials for animal fodder in Vidarbha, he talked about the fodder price reduction. He suggested that everything can be produced or manufactured domestically and locally, bringing profitability to the region. The minister talked about preparing cow farms with local breeds such as Gir, Rathi and suggested to increase the productivity of cows with embryo transfer technology.

The conference had two technical sessions and two panel discussions in the afternoon on August 18, 2024.

Technical Session 1 was on the theme '**Dairying for Livelihood & Entrepreneurship**' was chaired by Dr. R.R.B. Singh, VC, DSVCKV, Durg (CH).

Panel Discussion on August 17, 2024 afternoon was on the theme "**Future Trends of Dairying, Research & Development**" which was moderated by Dr. Raghavendra Bhatta, DDG (Animal Science), ICAR.

There was a cultural evening depicting the various song and dance forms of the Maharashtra State. This was followed by a dinner in the venue.

On August 18, 2024, Technical Session 2 was held on "**Dairy Awareness Program for the Society**". Shri Anil Hatekar, MD, Mahananda Dairy acted as the Chairman while Dr. Atanu Jana, Ex Principal, SMC College of Dairy Science, KU, Anand worked as Co-chairman. Dr. K.D. Aparnathi, Retd. Head, DC, SMC College of DSC, Anand presented on the role of milk in human nutrition while Dr. J.B. Prajapati, Chairman, IDA (WZ) talked on the value of milk in human health and Lifestyle diseases. Ms Richie Agarwal, ZEC member of IDA (WZ) presented

on "Dairying for livelihood of farmers and happiness of the society" and Dr. Dhiraj Kankhare, Head, ICRTC, MPKV, Pune talked on importance of Indigenous cattle's in social bonding.

The Panel Discussion with Industry Leaders was moderated by Dr. J.V. Parekh, Vice Chairman, IDA (WZ).

During the Valedictory Session on August 18, 2024, Dr. J.B. Prajapati welcomed all the members and expressed his gratitude to MAFSU team for the success of the conference. The Chief Guest for the function, Dr. C.D. Mayee, Former Chairman, ASRB, New Delhi emphasized the role of dairying in the upliftment of Indian farmer economy and the priority and support extended to the farmers of Vidarbha state region by the Government.

Dr. P.G. Wasnik, Convener and Dean (DT), MAFSU, Nagpur presented the brief report of the conference. He summarized the salient points and suggestions emerged out of the conference. Dr. S.V. Upadhey, DI-MAFSU, Nagpur, Dr. N.V. Kurkure, DR-MAFSU, Nagpur and Dr. A.U. Bhikane, DEE, MAFSU, Nagpur were present as the guests of honour. The function was chaired by Dr. Nitin V. Patil, Vice-Chancellor, MAFSU, Nagpur.

On behalf of IDA (WZ) and MAFSU, Ms. Richie Agrawal, Co-organizing Secretary, thanked all participants, farmers, students and the committees for their valuable work, which helped in the success of the conference. She specifically thanked all the sponsors and the MAFSU team members for extending all support for successfully organizing the conference. Outstanding support from NDDDB Dairy services was highly appreciated.

Milk Awareness Campaign Organized by IDA, Gujarat & AMUL Dairy at Anand

IDA Gujarat State Chapter in association with AMUL Dairy, Anand organized "**Milk Awareness**

Campaign" on July 26, 2024 at Sardar Patel Auditorium, AMUL Dairy. This initiative aimed to educate college students about the nutritional and ethical values of milk and counter unscientific criticisms and emerging plant-based drink propaganda.

Dr. Preeti Shukla, DM- HR(ARDA) & CSR, the Organizing Secretary of the event welcomed dignitaries and



participants and briefed about the objectives of this campaign.

In his inaugural speech, Dr. Amit Vyas, Chairman, IDA Gujarat State Chapter and Managing Director, AMUL dairy, Anand, emphasized the importance of milk awareness, highlighting milk and milk products as integral to our culture, and encouraged embracing the

"GOODNESS of milk." He referenced Ayurvedic texts to underscore the benefits of milk and milk products in our diet and their role in treating various diseases. Dr. Vyas also provided insights into cooperative movements and AI-integrated approaches initiated by AMUL dairy, showcasing AMUL's growth as a leading FMCG brand and how Dairying in India is not simply a business, but a model of livelihood for millions of farmers.

Dr. Himanshu Pandya, Dean, Pramukh Swami Medical College, Karamsad, Anand, the Guest of Honour, supported Dr. Vyas's views on the dietary importance of milk and advocated for renewing culturally rooted diet plans and eating habits. He also referred to the importance of Ghee, a fat rich milk product in our rituals and traditional foods.

The Chief Guest of the Program, Dr. N.H. Kelawala, Vice Chancellor, Kamdhenu University, Gandhinagar acclaimed that milk is a 'Complete food'. He argued that Milk is a secretion from mammary gland of Milch animals and hence, the use of word 'Milk' in plant-based beverages is completely misleading the consumer.

Dr. K.D. Aparnathi, former Professor & Head, Dairy Chemistry Department, SMC College of Dairy Science, Anand, presented on the "Value of Milk in Human Nutrition," detailing the chemical composition of milk and its nutritional components, such as protein, fat, and lactose.

Dr. J.B. Prajapati, Chairman, IDA (WZ) spoke on the "Role of Milk Products in Human Health," citing research studies that shows consumption of milk and especially fermented milk products like dahi in ancient treatises. He presented a review of scientific studies conducted in various countries with lakhs of participants that depicts how milk promotes growth, improve bone strength, reduce the risk of diabetes, hypertension, and other metabolic syndromes and reduce mortality. He concluded that milk consumption enhances overall health and longevity.

Shri Divyesh Butala, from Prompt presented on the topic 'Retaining the quality of milk' and Mr. Shakti Choubhe from Craftsman, Automation also gave a presentation about their organization.

The event concluded with Dr. Amit Patel, Secretary, IDA Gujarat State Chapter, proposing a vote of thanks. The program was sponsored by Prompt Equipment Pvt. Ltd.; Sun Enviro Technologies Pvt. Ltd.; ABC Process Solutions Pvt. Ltd.; SESCO India Renewable Energies Pvt. Ltd.; and Diya Industries. The program was followed by "Amul Darshan" a technical visit to Amul Dairy plant for the participants.

Over 1300 students from various colleges in Anand and Vallabh Vidyanagar attended for the program.

Entrepreneurial Awareness Program at BHU

The Department of Dairy Science & Food Technology (DSFT) at the Institute of Agricultural Sciences (IAS), Banaras Hindu University (BHU), organized the Entrepreneurial Awareness Program (EAP) on July 31, 2024.

It was a two-day event, organized in collaboration with the National Institute for Entrepreneurship & Small Business Development (NIESBUD) and IDA Eastern UP Local Chapter to foster a spirit of entrepreneurship among students and faculty, particularly within the domains of dairy science and food technology.

Inauguration Ceremony was held at Kamdhenu Hall of DSFT wherein Director of the IAS, Professor S.V.S. Raju, presided over the ceremony, while Professor U.P. Singh, Dean of the Faculty of Agriculture, BHU, was the esteemed Guest of Honour.

Professor S.V.S. Raju delivered the Keynote address, emphasizing the importance of fostering entrepreneurial skills in agriculture and dairy sectors. He spoke about the growing global demand for innovative, sustainable, and efficient dairy solutions and highlighted that platforms like the EAP will empower students to become job creators rather than job seekers. He encouraged participants to think beyond traditional methods, urging them to innovate for rural development and national self-sufficiency.





BULLETIN

Professor U.P. Singh, Guest of Honour, lauded the efforts of DSFT and its collaboration with NIESBUD. He elaborated on the challenges and opportunities within the agriculture and dairy industries. He further said that while India is the largest producer of milk, there is still ample scope for value addition, export promotion, and technology integration. He called for a renewed focus on dairy entrepreneurship, stressing that today's students are the leaders who can bridge the gap between farm and market.

Professor Anil Kumar Chauhan, Head of the Department of DSFT, welcomed all the attendees, providing an overview of the objectives behind organizing the EAP. He said the department had consistently strived to bring innovations to the forefront and that entrepreneurship was a critical aspect of preparing students for future challenges.

Dr. Arvind, Chairman, IDA Eastern UP Local Chapter delivered a thought-provoking speech, underscoring the role of entrepreneurship in revolutionizing the dairy industry. He shared insights on how small dairy farmers could benefit from modern technologies and entrepreneurial training to enhance productivity, reduce wastage, and create a more profitable ecosystem. Dr. Arvind also spoke about how dairy entrepreneurship is not just about producing milk but transforming it into value-added products that cater to modern consumers' tastes and health preferences. He further shared success stories of entrepreneurs who had tapped into niche markets by introducing innovative dairy products. Dr. Arvind concluded by encouraging students to take risks, remain adaptable, and seize the vast opportunities available in the dairy sector.

Dr. Tarun Verma, Secretary-cum-Treasurer of the Indian Dairy Association (Eastern UP Chapter), played a pivotal role in spearheading the program's execution. His address focused on the 'Entrepreneurial Ecosystem in Dairy and Food Processing' and its potential to transform the rural economy. Dr. Verma emphasized that entrepreneurship is a mindset, and students must learn to think creatively, solve real-world problems, and leverage emerging technologies like automation, AI, and data analytics in dairy processing. He further deliberated on key areas such as Value Addition, Sustainability and Market Access where aspiring entrepreneurs could make a significant impact.

Dr. Verma also introduced NIESBUD's support in providing mentorship, business plan development, and access to financing, urging participants to take full advantage of the resources provided. He concluded by stating that the Entrepreneurial Awareness Program is not just an event but the beginning of a journey toward self-reliance and innovation.

The inaugural ceremony was followed a technical

session led by Shri Atul Pandey, an expert member and an entrepreneurship trainer at NIESBUD. Shri Pandey provided deep insights into the fundamentals of entrepreneurship, from ideation to execution, sharing practical strategies for launching and sustaining successful ventures. His session motivated participants to develop an entrepreneurial mindset and equipped them with tools to overcome challenges in the dairy sector.

Interactive workshops, group discussions, and a special session on "Access to Finance for Dairy Start-ups." was organized on the second day of the event. About 100 participants took part in the event.

IDA Eastern UP Chapter Pays Tribute to the Father of White Revolution – Dr. Verghese Kurien, with Inspiring Student Events

The IDA Eastern UP Local Chapter commemorated the death anniversary of Dr. Verghese Kurien, the Father of the White Revolution, on September 9, 2024, with a series of events that celebrated his monumental contributions to India's dairy industry. Dr. Kurien's visionary work transformed India into the world's largest milk producer and empowered millions of rural livelihoods through cooperative dairy farming. The day's events included a painting competition, a meal coupon distribution initiative for underprivileged students, and a range of intellectually stimulating activities like extempore, group discussions, and quizzes. These events attracted enthusiastic participation from students across various disciplines at Banaras Hindu University (BHU), paying homage to Dr. Kurien's transformative influence on the Indian dairy sector.

One of the day's key highlights was an "online painting competition" with the themes "Dairy: A Way to Health and Wealth" and "Dairy Development through Women Empowerment." These themes encapsulated Dr. Kurien's vision of dairy as a driver of both health and wealth in society, with a particular focus on women's empowerment. The competition saw students from BHU's Institute of Agricultural Sciences and other departments creatively depict the crucial role dairy plays in both improving nutrition and generating income, especially for rural families. The paintings reflected the socio-economic impact of dairy farming, showcasing how women have become central figures in the sector, playing an active role in dairy cooperatives and rural development.

In a deeply compassionate gesture reflecting Dr. Kurien's commitment to social welfare, the IDA Eastern UP Chapter also organized a "free meal coupon distribution initiative" for economically disadvantaged students from



BHU's diverse faculties. This initiative, which was launched a week prior, benefited 12 students from disciplines such as Science, Arts, Ayurveda, Agriculture, and Management. Each student was carefully selected based on their financial situation, and the meal coupons, valid for one month, provided them with much-needed support.

The day began with a flower tribute ceremony, wherein 120 students gathered to pay their respects to Dr. Kurien. The event served as a solemn reminder of Dr. Kurien's invaluable contributions to the Indian dairy industry and his role in transforming the nation into a dairy superpower. Students laid floral tributes, symbolizing their gratitude for his lasting legacy and the impact of the cooperative dairy movement on India's rural economy.

At the conclusion of these activities, prizes were distributed to the winners of the painting competition and the best-performing students in the extempore, group discussion, and quiz competitions. This recognition celebrated their creativity, knowledge, and engagement with the dairy sector, encouraging them to continue exploring opportunities in this vital industry.



During the event, Dr. Arvind, Chairman, IDA Eastern UP Local Chapter gave his address emphasizing the importance of remembering Dr. Kurien's legacy and also stated that his contributions to the dairy sector cannot be overstated. Dr. Tarun Verma, Secretary-cum-Treasurer of the IDA Eastern UP Local Chapter, echoed this sentiment in his speech, emphasizing the role of students in carrying forward Dr. Kurien's legacy.

New Executive Committee of IDA Telangana Local Chapter Assumed Office

The election result of Telangana Local Chapter of IDA was declared on September 18, 2024. The election was held under the nominated Returning Officer Shri S. Suresh. The other election committee members were

Shri K.R. Rao and Shri B.V.K. Reddy. The IDA Telangana Local Chapter was formed during February 2023 and the ad hoc committee was formed and with the same committee the 50th DIC was conducted successfully under the guidance from the IDA South Zone.

The election process was initiated on September 2, 2024 and completed successfully. All the contestants were elected unanimously for all the posts. The newly elected members are: **Chairman:** Shri Rajeshwar Rao Chalimeda; **Vice Chairman:** Shri Samba Murthy Jangam; **Secretary:** Shri Balakrishna Reddy Konda; **Treasurer:** Shri Ammana Laxma Reddy; **Member (RE):** Dr. Swarnalatha Gadapa; **Member (MP):** Shri R. Anand; **Member (PP):** Shri SVDBR Krishna Reddy; and **Member (DI):** Shri Venkata Raghu Ram T.



Tamil Nadu State Chapter Organizes IDA Student Membership Drive

IDA Tamil Nadu State Chapter (TSC) recently organised student membership drive at Department of Food Technology, Nehru Institute of Technology (NIT), Nehru Group of Institutions (NGI), Coimbatore on August 30, 2024.

Shri K.S. Kanna, Chairman, IDA TSC inaugurated student membership drive event at the Association of Agricultural Engineering and Association of Food Technology of Nehru Institute of Technology. During the inauguration, newly appointed Association office bearers were introduced to other students also. Various positions, including President, Vice President, Treasurer, Secretary, Joint Secretary and Executive members of both the association discussed their upcoming activity plan.

Sixty-nine students joined IDA as student members. The event was presided by Shri K.S. Kanna, Chairman; Shri K. Chandrasekar, Treasurer; and Er Dayanand Peter, Executive Committee Member (RE), and the students were greatly enlightened by their addresses.

Team IDA TSC express gratitude to Adv Dr. P. Krishnadas, Chairman & Managing Trustee, NGI; Dr. P. Krishnakumar, CEO and Secretary, NGI; Dr. H.N. Nagaraja, Executive Director, NGI; Dr. M. Sivaraja, Principal, NIT and Prof. Daniel Paul, HOD, Department of Food Technology for their support in making the event a great success.



IDA SZ to Organise Southern Dairy Summit 2025 in Bengaluru



The maiden Regional Dairy Conference - Southern Dairy Summit 2025 is being organized by IDA (SZ) at NIMHANS Convention Centre in Bengaluru during January 9-11, 2025. The three-day conferences will comprise of Techno Commercial presentations on first day and a scientific seminar on second day on Traditional Milk Products Mainly Paneer, Ghee, Dahi or Curd, and traditional milk sweets and a parallel session on Dairy Production mainly focusing on dairy nutrition, feed technology, health, reproduction and scientific management and a panel discussion by eminent

panellists from across the Southern States representing the key sectors. Best Women Dairy Farmers from the Southern region will be felicitated on the third day of the conference. All the major dairies from Southern India, a large number of SME sector dairies and Feed and feed additive manufacturers are expected to participate in the Summit. It is estimated that there are more than 200 dairy plants in the SME sector and an equal number of Feed and feed additive Manufacturers in the region. As part of the summit, an exhibition with a limited number of stalls is planned. A poster session on selected themes will also form part of the conference. The three-day conference is expected to be attended by about 1000 delegates comprising Dairy Industry Professionals, machinery manufacturers, Feed and feed additives/supplements manufacturers, Researchers, Farmers, Students and Young Scientists.

To encourage large-scale participation in the maiden conference the registration fee is kept reasonable and the details can be accessed by visiting the summit website www.southerndairysummit.com. The website is expected to be online by October 5, 2024. The second Southern Dairy Summit is slated to be organized in 2026 by the IDA Kerala State Chapter.

Grand Tree Plantation Program Organized in BHU on World Tribal Day and Nag Panchami Festival

Indian Dairy Association, Eastern UP Local Chapter in association with Dairy Science and Food Technology, Banaras Hindu University (BHU) organized a grand tree plantation program on the auspicious occasion of Nag Panchami and World Tribal Day.

It was not only an important initiative towards environmental protection, but also a symbol of respect for cultural heritage and nature.

The event was presided over by Prof. U.P. Singh, Dean Agriculture, Department of Agronomy, Institute of Agricultural Sciences, Banaras Hindu University. In his address to the students and all the august gathering, Prof. Singh said, "The environmental change we are facing today is in conflict with nature. This is a result of our unbalanced behaviour. Let us preserve and balance life on this earth. We need to understand and fulfil our responsibilities towards nature. Great leaders like Birsa Munda teach us that love and respect for nature is the key to our existence. Plantation of trees on the auspicious day of Nag Panchami dedicated to the Lord Shiva is a symbol of reverence towards our Mother Earth.

Speaking on the occasion, Prof. Anil Chauhan, Head of Department, Dairy Science and Food Technology said, "Youth should interact with nature. The biggest need of



the day is to inspire others to maintain balance. Trees are not only important for our environment but is necessary to maintain balance, rather they are an integral part of our life. Today's tree plantation event is an important step towards the future, and we must continue to do so."

During the program, Dr. Arvind, Chairman, IDA Eastern UP Local Chapter, gave an inspiring and profound message. He said, "Tree planting is not just an environmental act, rather it is also a respect for our cultural and religious traditions. The festival of Nag Panchami teaches us that every part of life and nature should be respected.

Just like a Nag (snake god) is considered to be an ornament on Lord Shiva's neck, in the same way trees are the necklace of our life. Let us understand that there is a need of plantation and its conservation should be an integral part of our cultural heritage."

Dr. Tarun Verma, Secretary cum Treasurer, IDA Eastern UP Local Chapter in his address discussed the importance and scope of tree plantation. He said, "Trees are not only work to purify the environment, but also purify our soul.



On this special occasion of today, the trees that we all have planted together, will ensure a green future for our future generations. This act of tree plantation on Nag Panchami is an example of our devotion to Lord Shiva and our faith in nature. We should turn this effort into a movement so that together we can save the earth."

While sharing his view, Student Advisor Prof. Amitabh Rakshit said that this combined celebration of World Tribal Day and Nag Panchami teaches us that we should respect our tribal brothers. We should learn the art of symbiosis from nature.

He further said, "Today's tree planting program is not only a religious ritual, but a symbol of our social and cultural responsibility."

In this event, plantation of fruit and shade trees were done wherein the Teachers, students of BHU and members of IDA Eastern UP Local Chapter participated enthusiastically. Everyone took a resolution that they would not only plant trees but also take care and conserve them. This program is an excellent example of environmental protection as well as social awareness which may become a source of inspiration for all of us.



Chairman, IDA (SZ) Dr. Satish Kulkarni paying respects to Dr. K.K. Iya

IDA (SZ) Organized Dr. K.K. Iya Memorial Lecture along with AGBM

Dr. K.K. Iya Memorial lecture was organized by IDA South Zone on July 19, 2024. Prof. V. Palanimuthu, Director, National Institute of Food Technology, Entrepreneurship and Management, Thanjavur, Tamil Nadu delivered Dr. K.K. Iya Memorial Oration on "**Innovation Trends in Food & Dairy Industry**". He highlighted the role of NIFTEM-T in promotion of

innovations in food and dairy ecosystem and also emphasized on importance of application of recent innovations for the development of dairy and food sector. A galaxy of dairy professionals, scientists, students, and members of IDA (SZ) participated in the memorial lecture.

The 60th Annual General Body Meeting (AGBM) of IDA (SZ) was also at La Marvella Hotel, Jayanagar, Bengaluru, after the Oration lecture. Around 100 members of the IDA (SZ) attended the meeting. Dr. Satish Kulkarni, Chairman presided over the meeting.



Felicitation of Chairmen of Various Committees of the 50th DIC



for the successful execution of 50th Golden Jubilee DIC held at Hyderabad during March 4-6, 2024, were felicitated. During the occasion, IDA (SZ) members - Dr. C.S. Prasad and Dr. K.S. Ramachandra were felicitated for receiving IDA Patron and IDA-Fellow awards, respectively for the year 2024 from IDA.

The members appreciated IDA (SZ) and IDA Telangana Local Chapter for successfully organizing the 50th Golden Jubilee DIC

Dr. S. Subash, Secretary presented the Annual report of the Association for the year 2023-24 and Dr. K.S. Roy, Treasurer presented the audited accounts for the year 2023-24 and proposed budget for the year 2025-26. The listed agenda were discussed in the meeting. During the AGBM, The Chairmen of various committees, formed

and 'Best Women Dairy Farmer Award Ceremony' at Bengaluru and expressed their keen interest to support in organizing various proposed activities including a new initiative of IDA (SZ), '**Southern Dairy Summit**' to be organised during January 9-11, 2025 at Bengaluru.

Farmers Training Programme on Clean Milk Production and Feeding Management for Dairy cattle

IDA Tamil Nadu Chapter in collaboration with Sivagangai District Co-operative Milk Producers' Union Ltd., (Aavin, Sivagangai District) conducted one day training Programme on "**Clean Milk Production and Feeding Management for Dairy cattle**" for the benefit of milk producers/members of the Union on August 17, 2024 at Kundrakudi, Sivagangai District. Around 250 farmers, mostly women dairy farmers participated in this training programme and got benefitted.

Shri U.V. Rajasekar, the General Manager, Aavin, Sivagangai District welcomed the guests and the participants. He highlighted the importance of milk for a healthy living. Shri. R. Selvam, the Deputy Registrar, Manamadurai, Sivagangai District delivered the Presidential address and encouraged the milk producers for producing clean and quality milk. Dr. T.R. Pugazhenth, Secretary, IDA Tamil Nadu Chapter and Professor (Dairy Science), Tamil Nadu Veterinary and Animal

Sciences University (TANUVAS) offered his felicitation to the organizers, gathering and speakers and explained about the status of milk production in Tamil Nadu and India.

Dr. H. Gopi, Retired Professor & Head (Dairy Science), TANUVAS delivered his presentation on "**Feeding Management of Dairy cattle for profitable Dairy farming**". Shri K.S. Kanna, Chairman, IDA Tamil Nadu Chapter offered lecture on "**Clean Milk Production**", followed by Dr. T. Pandiselvi, Assistant General Manager (Fodder Development), Aavin, Karaikudi who explained



about the fodder cultivation methods for dairy animals. Dr. M. Nachiappan, Deputy General Manager (Milk Procurement), Aavin, Karaikudi proposed the vote of thanks. At the end of the programme, the queries and doubts raised by the farmers were clarified by the experts from IDA Tamil Nadu Chapter, Subject matter specialists from TANUVAS, Chennai and technical experts from Aavin, Karaikudi.

Farmers Day Celebration – Meet the Farmers

IDA Kerala State Chapter (KSC), in association with Dairy Development Department, Ollukkara, Thrissur conducted

a **"MEET THE FARMERS"** program at Kundukad Dairy Cooperative Unit on August 17, 2024. Smt. Sheena James, Vice President, Kundukad Dairy Cooperative Society welcomed the gathering. The session was presided by Shri N.V. Mathew, President, Milk Cooperative Society, while Shri P.S. Vinayan, Member Thrissur District Panchayat, inaugurated the Program-Interactive Session with farmers. Smt. Jayalakshmi K, Dairy Extension Officer, Ollukkara Block gave an overview regarding the various projects by Dairy Development for farmers.

Dr. Indu B, Assistant Professor, Department of Dairy Chemistry, Verghese Kurien Institute of Dairy and Food Technology deliberated on **"Value addition of Dairy Products"** and Smt. Smriti Vasudevan DFI, Ollukkara conducted a session on **"Fodder Production"**. Around 25 farmers attended the program and the session.

Highlights from the 50th Dairy Industry Conference — Key Contributions from Ministers

The Golden Jubilee edition of the 50th Dairy Industry Conference (DIC) was held during March 4-6, 2024 at the HiTex Exhibition Centre, Hyderabad. The significance of Dairy and Animal Husbandry in the rural agrarian economy was highlighted by several notable speakers, including the Hon'ble Deputy Chief Minister of Telangana, Shri Mallu Bhatti Vikramarka and the Hon'ble Minister of Milk and Dairy Development of Tamil Nadu, Shri T. Mano Thangaraj. Dr. R.S. Sodhi, President-IDA emphasized the pivotal

role of women in the dairy sector and noted that the Telangana Government, led by Hon'ble Chief Minister Shri Revanth Reddy, is dedicated to support the growth of the dairy economy through various schemes. As part of the conference, the largest Dairy Expo spread over 11,000 square meters was inaugurated by the Hon'ble Agriculture Minister of Telangana Shri Tummala Nageshwara Rao. The conference was attended by delegates from all over India and nearly 30 other countries.



The Hon'ble Deputy Chief Minister of Telangana, Shri Mallu Bhatti Vikramarka delivered a compelling speech on the wealth potential inherent in dairy farming. He highlighted that a significant portion of dairy farmers in the state comprises women and self-help groups, play a crucial role in the sector's growth. The minister praised the efforts of these women and the support system provided through the **Indira Kranthi Patham** initiative, which encourages more women to participate and benefit from the dairy industry. He proudly announced that this year, the state budget for the agriculture and animal husbandry sectors has been increased, demonstrating the government's commitment to support these vital areas. Additionally, the minister revealed plans to establish a robust dairy industry in Telangana, similar to the successful model of Amul in Gujarat. This initiative aims to enhance milk production, processing, and marketing, thereby boosting the state's economy and providing greater opportunities for dairy farmers. He emphasized the need to transition the unorganized dairy sector into an organized one to ensure its viability and competitiveness on a global scale. He fondly recalled the pivotal role of Dr. V. Kurien, the Milkman of India in the White Revolution.

The Hon'ble Minister of Milk and Dairy Development of Tamil Nadu, Shri. T. Mano Thangaraj with his involvement and support, played an important role in taking the Dairy Conference to new heights. Throughout the entire event, his commitment to the expansion and development of Tamil Nadu's dairy industry was evident. By detailing the progress achieved, the Minister offered a comprehensive view of the advancements that have positioned Tamil Nadu as a leader in the dairy industry. In addition, his inspiring Keynote

presentation emphasized the noteworthy progress of the state has made in the production of milk and milk products. The Minister stated that future initiatives will be headed in the right direction with unrelenting commitment of Government of Tamil Nadu to take the dairy sector to greater heights. His outlook on sustainable development is exactly in line with the principles of the Conference. The benefits of this partnership would be seen by the dairy sector in Tamil Nadu and elsewhere.

Additionally, he stated that efforts are being made to raise the number of livestock, provide financial support through loans to individuals. These measures are designed to enhance milk production and support the livelihoods of dairy farmers in the state. By focusing on these areas, the Minister aims to create a more robust and productive dairy sector.

In summary, the Tamil Nadu Minister's speech at the IDA Conference was a testament to his dedication and leadership in further advancing the dairy sector of Tamil Nadu. His support has been great importance in the conference's success, and his strategic vision for sustainable development promises to benefit the dairy sector in Tamil Nadu and beyond. Through increased livestock, financial assistance, and government program integration, the Minister is propelling Tamil Nadu's dairy industry towards a more prosperous and productive future.

Shri K.S. Kanna, Chairman, Tamil Nadu State Chapter of IDA had made necessary arrangements and coordinated with Govt. of Tamil Nadu to bring the Hon'ble Minister for Milk and Dairy Development, Shri Mano Thangaraj to the 50th DIC.

Rajasthan State Chapter Office Inaugurated

On June 2, 2024, office of Rajasthan State Chapter (RSC) of IDA was inaugurated by Shri S.S. Mann, CMD, Mann Ventures and former Chairman, IDA (NZ); Shri A.K. Khosla, Vice President-IDA; and Dr. Rahul Saxena, Chairman, IDA (NZ). Program started with ribbon cutting followed by lamp lighting by auspicious guests and a brief meeting.

While delivering the Welcome address Dr. Karun Chandalia, Chairman, IDA-RSC, expressed gratitude to Shri S.S. Mann, Shri Khosla Ji and Dr. Rahul Saxena for sparing their valuable time for this program. He gave a brief description of activities of the last one year of Rajasthan State Chapter and explained how the office will be used for the benefit of dairy professionals and overall growth of dairy industry in future.

Shri A.K. Khosla in his address congratulated Rajasthan State Chapter for new office and said that apprised them the increased responsibility to use this resource for the benefit of dairy professionals. He also assured full support to the state unit for any project to inculcate professionalism in dairy industry.

Dr. Rahul Saxena addressed the meeting and guided the new executive committee for better performance. He also briefed about efforts and difficulties faced for getting state office approval. He also said that it is a great achievement of Rajasthan State Chapter of IDA to have its own office at Jaipur. It could be made possible by blessings and support of Central Executive Committee of IDA and North Zone especially chairmen of both the committees. In this regard, he also thanked Shri Mann



and Shri Khosla Ji for their support. He also committed to work hard to come true to the expectations.

Other dignitaries present during the inauguration were IDA-RSC, Treasurer Shri Govind Gupta; Shri Himmat Singh; Shri R.K. Singh; Shri K.S. Shekhawat; Shri Rohit Verma; Shri Mahesh Gurnani and many more.

Vote of thanks was given by Shri Pretesh Joshi, Secretary, IDA-RSC.



IDA Kerala State Chapter Collaborates with VKIDFT, KVASU to Organize International Yoga Day Workshop

A Yoga workshop took place in the college auditorium to celebrate International Yoga Day, organized by the NSS Unit of Verghese Kurien Institute of Dairy and Food Technology (VKIDFT) in collaboration with the IDA Kerala State Chapter (KSC) on June 21, 2024. About 100 NSS volunteers actively participated in the event. Both academic and non-academic staff of the college joined in as well. The workshop commenced with basic yoga practices and then progressed to various yoga asanas. Smt. Kala Pathmakumar, the Yoga Instructor, demonstrated the asanas and led the sessions, highlighting the significance of yoga.

Dr. S.N. Rajakumar, Dean VKIDFT inaugurated the program and highlighted the significance of yoga in the current scenario. Dr. Divya M.P and Dr. Indu K, Assistant Professors of VKIDFT, commended the workshop and stressed that yoga can bring stability to one's life, encouraging regular practice. This workshop was conducted under the supervision of NSS Program Officers Dr. Jose Mathew and Dr. Divya M.P.



World Milk Day New

Rajasthan State Chapter of IDA Organized World Milk Day

On the occasion of World Milk Day celebration, IDA Rajasthan State Chapter (RSC) organised a Quality Awareness Workshop in Khandel village of Rajsamand district in collaboration with Rajsamand District Milk Producers Union. More than 200 milk producers, Field staff and elected chairpersons of societies participated in the workshop.

The program was presided over by the Chairman, Rajsamand Milk Union Shri Laxmi Narayan Gujar. Shri Hanuman Singh Rathore, CEO of Rajsamand Zila Parishad was the Chief Guest. Guests of honour were Director Shri Jagdish Sharma; Director Shri Babu Lal; Managing Director, Bhilwara Milk Union Shri B.K. Pathak; Managing Director, Udaipur Milk Union Shri Vipin Sharma.

All participants were sensitized about good hygienic practices, Good Manufacturing Practices in Milk production and operation of dairy co-operative societies. Also relevant information on health aspects of milch animals; improving productivity by using balance nutritional diet for milch animals; and improving breed of milch animals by cross breeding, embryo transfer and using sex sorted semen to avoid unproductive male progenies were shared in workshop.

Dr. Karun Chandalia, Chairman, IDA-RSC emphasized use of quality management techniques in milk production to reduce bacterial load and improve productivity of milch animals by concepts of clean milk production.

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Speaking as Chief Guest, Shri Hanuman Singh Rathore told about Government schemes beneficial for dairying and milk production. He assured full support of district administration for this noble cause.

Treasurer of IDA-RSC Shri Govind Gupta explained role of IDA in educating and imparting training to milk producers.

Shri Laxmi Narayan Gujar expressed gratitude to IDA-RSC for organizing such event for the benefit of farmers. He also explained all welfare schemes of Rajsamand milk union being implemented in Rajsamand district and asked all farmers must take advantage of the schemes.

Shri K.S. Shekhawat from KPMG addressed the gathering and told the milk producers to use business model in milk production and ensure profit making in milk production.

Programme was convened by Dr. D.K. Gouri during which he gave very useful tips for improving health of the animals and how to make milk production economic and profitable.

Jharkhand Local Chapter of IDA Organized World Milk Day

Jharkhand Local Chapter (JLC) of Indian Dairy Association (East Zone) in association with The Jharkhand State Cooperative Milk Producers' Federation Ltd, Ranchi organised a celebration event on the occasion of World Milk Day on June 1, 2024 in

the premise of Medha Dairy Plant, Hotwar, Ranchi. The programme was chaired by Chairman, IDA-JLC cum General Manager, JMF Shri Pavan Kumar Marwaha and Vice Chairman IDA-JLC cum Deputy Managing Director, JMF Shri Jaidev Biswas.





The theme of World Milk Day was "Urge to put plant-based products in a separate category in the interest of dairy farmers".

During his speech, Shri Pavan Kumar Marwaha highlighted the importance of dairy in respect of good health, nutrition and employment point of view. He called upon the farmers of Jharkhand to join the milk related business, especially Medha Dairy with an urge to the statutory bodies that the plant-based products should be kept in a separate category so as to protect the Indian dairy farmers, especially marginal dairy farmers who earn their livelihood from dairying. Currently, organised dairy sector is giving direct and indirect employment to lakhs of people that include farmers, employees, transporters, raw material suppliers, packing material manufacturers/suppliers,

distributors, retailers, etc.

On other hand, Shri Jaidev Biswas emphasized the importance of cooperatives in the White Revolution & also congratulated JMF employees and assured them that JMF is moving in the right direction of development. He also stated the objective behind celebrating World Milk Day. On this occasion, Shri Pramod Kumar, Head of Quality & Assurance, JMF explained how milk is our basic nutritional needs and there is no other substitute of it.

On this auspicious occasion, the bust statue of Father of White Revolution - Late Dr. Verghese Kurien was garlanded & remembered. A quiz competition and other activities were also organized among employees and winners were rewarded suitably.



IDA Organizes a Seminar on “Technological Interventions in Indian Dairy”

The Indian Dairy Association (IDA), the leading authority in India's dairy sector, organized a seminar with the theme '**Technological Interventions in Indian Dairy**' on June 6, 2024 at Yashobhoomi (IICC), Dwarka, New Delhi. The seminar was held concurrently with the Inter FoodTech Exhibition and provided a dynamic platform for discussing the latest technological advancements in the dairy sector.

The Inauguration

The event commenced with a warm welcome address by Ms. Richie Agarwal, Member-IDA (West Zone), followed by a ceremonial lamp lighting by Dr. R.S. Sodhi, President-IDA; Dr. Dheer Singh, Director and Vice Chancellor, NDRI; Shri R.G. Chandramogan, Chairman, Hatsun Agro Products Ltd.; Shri S.S. Mann, Former Chairman, IDA (North Zone); and Shri Ajay Kumar Khosla, Vice President-IDA.

While delivering the Keynote address, Dr. R.S. Sodhi emphasized on the technological advancements and government support as key to the future growth and global competitiveness of India's dairy industry. He talked on the need for automation in milk collection, creating more cold chains at the village level, ensuring food safety, and addressing supply chain challenges. He advocated to concentrate on feed conversion ratio (FCR) for milk production as the feed and fodder is the prime requirement for the sector and it contributes towards major cost of milk production. Apart from milk productivity, sustainability can be brought if the cost of milk production is reduced.

Dr. Sodhi further projected the promising future of the dairy sector, saying, "In the coming 25 years, if there is an industry that will grow, it is dairy. Policymakers and political leadership should recognize how dairy farmers can contribute to India's food security and livelihood." He also highlighted the need of support from the government, including measures like curbing imports, adjusting GST on ghee, and aligning budget allocations with the industry's significant contributions.



Lighting the Ceremonial Lamp (L to R): Dr. R.S. Sodhi, President-IDA; Dr. Dheer Singh, Director and Vice Chancellor, NDRI; Shri R.G. Chandramogan, Chairman, Hatsun Agro Products Ltd.; Shri S.S. Mann, Former Chairman, IDA (North Zone); and Shri Ajay Kumar Khosla, Vice President-IDA.

Chief Guest Smt. Varsha Joshi, Additional Secretary (CDD/IT), Department of Animal Husbandry & Dairying, GoI emphasized on the pivotal role of the cooperative and private sector in advancing the dairy industry. She shed light on the Animal Husbandry Infrastructure Development Fund (AHIDF) and its associated benefits,

urging stakeholders to leverage its resources. Furthermore, Smt. Joshi underscored the positive impact of AI, IoT, and other emerging technologies in the dairy sector. Addressing the challenge of rising feed and fodder costs, she stressed the necessity for innovation to drive down expenses in this area. She assured that government will bring schemes to promote the dairy sector in the country.



Dr. Sodhi presented a bouquet to the Chief Guest Smt. Varsha Joshi, Additional Secretary (CDD/IT), Department of Animal Husbandry & Dairying, GoI

Dr. Dheer Singh, Director and Vice Chancellor, NDRI emphasized the need for a paradigm shift in the dairy industry amidst technological advancements. He stressed the

importance of businesses prioritizing nutrition while considering the sustainability aspect of the dairy sector. He highlighted Indian dairy as a solution to the malnutrition and food security challenges faced by the country. He emphasized that smart and sustainable dairying is a pathway to enhance India's global food security index and income security. He advocated for promoting both bovine and non-bovine milk, reducing

production costs, enhancing animal productivity, and conducting awareness programs on dairy consumption and health.

Innovations by the Industry Partners

The first session was devoted to presentations of innovations by sponsoring companies. Innovations in entire value chain of dairy industry was shared by these companies. Shri Edwin Franklin, Category Head for Process Cooling, Steam & VAM at Thermax Global, shared his insights on sustainable energy transition solutions within the dairy industry. He discussed the implementation of vapor absorption chillers, which reduce energy consumption for cooling. This technology aids industries in achieving better resource productivity and improving their bottom line while maintaining a cleaner environment.

Shri Neeraj Kumar, Managing Director, DeLaval Pvt. Ltd., shared his insights on the importance of dairy farm mechanization, highlighting that DeLaval offers a diverse range of fully integrated solutions designed to enhance dairy operations. Ms. Ragini Sharma, Product Manager, Scientific and Digital Systems, discussed the theme 'Dairy Industry in Sync with Technology.' She explained about advanced instrumentation from overseas manufacturers who produce highly technical and application-oriented instruments.

Shri Karan Nangia, Managing Director, Benny Impex Pvt. Ltd., discussed the Ekomilk Spectra, an adulteration detection analyzer crucial for procuring quality milk. This technology is vital for the Indian dairy industry to expand its global market presence. Benny Impex offers cutting-edge automatic online testing solutions and system integration, leveraging emerging technologies and advancements in information technology. Shri Ashish Kumar Singh, Marketing Manager for India, Kanha Milk Testing Equipment Pvt. Ltd., shared insights on the evolution and acceptance of milk analyser manufacturing in India. Their product range includes the Ultrasonic Milk Analyzer, Ultrasonic Stirrer, Data Processing Unit with GSM & GPRS, DPU Milk Collection Unit, Electronic Weighing Scale, Vehicle Tracking System, and Automatic Milk Collection Unit.

Panel 1: Embracing Innovation: The Future of Indian Dairy

Dr. J.B. Prajapati, Chairman, IDA (West Zone) initiated panel discussion with industry stalwarts with a remark the innovations in the entire value chain of dairy sector, starting from milk production to marketing are the key to success and sustainability. He also hinted that how the dairy professionals have to play a great role to balance the demands of



producers and consumers. The panel comprised of Shri R.G. Chandramogan, Chairman, Hatsun Agro Products Ltd.; Shri Manish Bandlish, Managing Director, Mother Dairy Fruit & Vegetable Pvt. Ltd.; Shri Sachin Raverkar, Director of Dairy Business, GEA Process Engineering (India); and Shri Jai Agarwal, Managing Director of CP Milk (Gyan Dairy). Each panellist shared their



company's journey, highlighted the technologies they employ, and proposed strategies to further elevate the dairy sector in India.

Shri Chandramogan narrated a success story of Hatsun Agro and how a private sector dairy helps dairy farmers. Extensive use of solar power for cooling milk and digitalization of payment to farmers are glaring examples of success. He advocated use of smart processing like extrusion technology for ice cream and efficient marketing channel. Shri Bandlish talked on Mother Dairy initiatives in marketing, developing health products, thrust on quality and safety brought continued growth performance over the years. Shri Agarwal indicated that how focus on farmer services and efficiency in supply chain brings effectiveness. He narrated success story of Gyan Dairy and their unique products developed keeping in view the preferences of local population. Shri Raverkar from GEA Processing dealt with some developments in UHT processing lines looking to future of high shelf-life products. He indicated measures that can reduce cost of packaging materials and be environmentally sustainable.

Dr. J.B. Prajapati, expertly moderated the discussion, ensuring a rich participation from the audience and exchange of ideas and insights.

Panel 2: Innovation in Dairy Processing and Packaging

The second panel discussion revolved around the theme of 'Innovation in Dairy Processing and Packaging.' Shri Ashutosh Manohar, former Managing Director, South Asia Market, Tetra Pak India moderated the session, by raising the important issues and gathering inputs from industry experts. The panellists comprised of Shri Ritesh Dhingra, Managing Director, Multivac Laraon India; Shri Parag Patwardhan, Vice President (Sales), Nichrome India Ltd.; Shri Pradeep Hada, Head of Sales, Krones India Pvt. Ltd.; and Shri Bhavin Soni, General Manager (Marketing), Samarpan Fabricators Pvt. Ltd.

All panellists shared their expertise and insights on various critical topics, including food security through automation, milk handling automation, resource efficiency in the dairy industry, achieving net-zero emissions, Extended Producer Responsibility (EPR), circular economy, and other relevant aspects of innovation in dairy processing and packaging.

Shri Hariom Gulati, Secretary General, IDA concluded the seminar by presenting a summary of discussions from each session. He also thanked all panellist, delegates, sponsors and supports for making the program successful and meaningful.



Panel 2: Innovation in Dairy Processing and Packaging



Team IDA with President-IDA

Animal Health Camp and Convention on Clean Milk Production Organized by IDA Haryana State Chapter

Health for Animals is the voice of the animal health industry. It advocates for the fundamental role of healthy animals in improving global wellbeing, sustainability and prosperity. Health for Animals represents developers and manufacturers of animal health products, including vaccines, diagnostics, parasiticides, antibiotics, digital technologies and other tools that strengthen the health and well-being of animals. Good health of animals improves health for all. It is critical to the economy for a variety of reasons. As healthy animals are able to produce more offspring, which leads to increased economic activity, furthermore, healthy animals are able to convert food into valuable products like milk and meat more efficiently. Also, animal health helps prevent the spread of disease to humans.

The IDA Haryana State Chapter (HSC) organized an Animal Health Camp and a Convention on Clean Milk Production for the benefits of dairy farmers at village Rindal near Karnal on May 28, 2024. Over 120 farmers along with cattle, buffaloes and heifers participated in the Animal Health camp. Importance of Animal Health Camps are (i) to provide basic information about important aspects of different veterinary animals; (ii) to provide information on health, nutrition, breeding, feeding, management, insurance aspects to the farmers, (iii) to provide information about control and prevention of important livestock diseases, (iv) to administer preventive inoculation and other measures to the veterinary animals and (v) to provide free veterinary health check-up facilities and free distribution of veterinary medicines to the animals of the farmers. At Rindal Animal Health Camp, the animals were examined by veterinary doctors for general health and reproductive problems. The cases of repeat breeding, anestrus, uterine adhesions, metritis, ticks and diarrhea were the common incidence in buffaloes, crossbred and Sahiwal cows.

The farmers sought the solution of animal health problems from the experts. The farmers-expert convention during discussions with farmers regarding key problems mostly related to infertility, repeat breeding, silent heat, anestrus and low body weight/underweight. The use of mineral mixture in routine practice was emphasized by experts to minimize physiological and environmental stress. Dr. Mahendra Singh, Vice-chairman of IDA (HSC) explained the reasons of anestrus, repeat breeding which has become a major reproductive disorder in field condition. He emphasized that mineral mixture feeding is essential

for milk production and reproduction in dairy animals. He emphasized on adverse effects of heat stress effects on milk yield and animal health and explained precaution measures to be taken by farmers for stress amelioration in the prevailing scenario. Dr. Parveen Kumar, Member, IDA (HSC) coordinated the event and mobilized the farmers. He thanked farmers for their active participation. On this occasion specific medicines and mineral mixture were given to the affected animals for





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treatment. The farmers were encouraged to keep dairy animals healthy.

Dr. S.K. Kanawjia, Chairman, IDA (HSC) delineated the concept of clean milk production chain for getting the clean milk and milk products. The strategies for clean milk production should be education and training of milk producers on hygiene, housekeeping, sanitation, milking methods and good animal husbandry practices. It is important that how milk is handled subsequently after milking which affects the quality of raw milk reaching the dairy dock. Milk has the potential to cause food borne illness. Raw milk is also known to be associated with pathogenic bacteria which cause milk-borne diseases such as tuberculosis, brucellosis or typhoid fever, etc. Hygienic milk production, proper handling and storage of milk, and appropriate heat treatment can reduce or eliminate pathogens in milk. In many countries, milk processing factories are required by law to pasteurize milk before selling it to the public. It is in practice in most of our household to routinely boil milk before drinking. This habit protects them from milk-borne diseases. Processed milk must be handled hygienically to avoid post-processing contamination.

Milk drawn from the udder of healthy animals must be collected in clean, dry milking pail and free from extraneous matter like dirt, dust, flies, hay, manure etc. Clean milk has a normal flavour with low bacterial count and is safe for human consumption. Milk from udder - normally sterile, contains protein, lipid, lactose, minerals, etc. which is ideal medium for rapid proliferation of harmful micro-organism, needs to be protected from all possible sources of contamination. It is beneficial to both producers and consumers to maintain quality of milk. Clean and safe milk can protect us against diseases like typhoid, dysentery, diphtheria, septic sore throat etc. and at the same time producer can get benefitted from its high commercial value.

The following measures should be taken care for the production of clean milk: such as Animal Management at farm level, Feeding, Housing, Animal Health, Cleanliness of Milking equipment, Hygienic milking practices and cooling of milk.

The village Sarpanch insisted to organize such meaningful camps in future by the IDA Haryana State Chapter to enrich their knowledge.



IDA (West Zone) Organizes a Workshop on Effective Customer Complaint Handling



The Indian Dairy Association (West Zone) organized a workshop on "**Effective Customer Complaint Handling**" on April 27, 2024 at Andheri Mumbai Office. The primary objective of the workshop was to equip employees with the requisite skills to promptly and effectively address customer concerns.

Customer Complaint Handling is very important and a serious issue for every organization. Even though the companies are certified for various system standards, nobody understand the essence of the system. There is a lot of scope to understand and improve relationship with the internal and external customers and hence IDA (WZ) took initiative to organize the training for the professionals working in dairy/food industries.

Although, the workshop was scheduled for April 27, 2024, but due to the overwhelming response from the industry, second batch for the workshop was also held on May 4, 2024.

Twenty-three participants from various cooperatives and private dairies registered themselves for the workshop

held on April 27. The program was inaugurated by Shri Arun Patil, Vice President-IDA. Shri Shyju, Vice Chairman; Shri Madhav Patgaonkar, Secretary; and Shri Anil Hatekar, Treasurer of the IDA (WZ) remained present during the inaugural session. The second workshop organized on May 4, wherein 21 participants took part in it from reputed cooperative, private dairies and food companies. The program was inaugurated by Dr. J.B. Prajapati, Chairman, IDA (WZ) in presence of Dr. J.V. Parekh, Vice Chairman and Shri Madhav Patgaonkar, Secretary of the IDA (WZ).

In both the workshops the participants were very enthusiastic and took part in the sessions and interactive programmes. They also had a skit among the group, acting as the company and consumer to demonstrate complaints and how they would resolve them. The workshop was conducted by a reputed trainer, Shri Kailash Asher from DEEP Training and Consultancy. All participants were given certificate of participation and encouraged to become member of IDA.

Keeping in view the enthusiastic response, IDA (WZ) would like to repeat such programs with interesting topics at its Mumbai office. Interested persons may write to secretary@idawz.org with the topic of their interest and probable time.



Felicitation to Shri C.P. Charles and Dr. Anil K.S. by IDA Kerala Chapter

Indian Dairy Association, Kerala Chapter organized a felicitation programme on April 20, 2024 at the Dean's Chamber, Verghese Kurien Institute of Dairy and Food

Technology. Dr. S.N. Rajakumar, Chairman, IDA Kerala Chapter welcomed the gathering. Dr. Anil K.S., Vice-Chancellor (I/C), Kerala Veterinary and Animal Sciences



University (KVASU), felicitated Shri C.P. Charles, the Secretary General, 50th Dairy Industry Conference (DIC) for meticulously organizing the 50th DIC, held at the Hitex Exhibition Centre, Hyderabad during March 4-5-6, 2024.



The programme was a grand success drawing participation from 2000 delegates across India and 30 other countries. Shri C.P. Charles felicitated Dr. Anil K.S., a Life Member of IDA who took charge as Vice-Chancellor (I/C), KVASU.



Mr. Jaime Castaneda Executive Vice President, USDEC and Member of the US Trade Delegation Visits IDA House to Discuss Success Story of Indian Dairying



Mr. Jaime Castaneda, Executive Vice President, US Dairy Export Council (USDEC) and member of the USDA trade delegation accompanied with Ms. Shruti Bhogal, Agricultural Specialist, USDA Foreign Agricultural Service, American Embassy in India visited Indian Dairy Association (HQ), New Delhi on April 22nd at 11:00 am.

Mr. Castaneda intended to better understand the success story and development in the Indian dairy sector, and also about its potential and challenges.

Indian Dairy Association office bearers led by its President Dr. R.S. Sodhi and two Vice Presidents -Shri A.K. Khosla and Shri Arun Patil apprised him about the success story of Indian Dairying. Dr. Sodhi honoured Mr. Jaime Castaneda with bouquet, shawl and memento.

US Department of Agriculture (USDA) agribusiness trade mission, is scheduled to be held in India, during April 22-25, 2024. The US trade delegation/mission will be led by Under Secretary for Trade and Foreign Agricultural Affairs Ms. Alexis Taylor. Mr. Jaime Castaneda is an important participant/member of the US trade delegation. He is National Milk Producer Federation's Executive Vice President for Policy Development & Strategy. In this role, he oversees the organization's domestic policy initiatives as well as international trade. Mr. Jaime also provides government relations and advocacy support for the US Dairy Export Council, leading the US dairy industry in international trade

negotiations.

He is also Chair of a private sector advisory committee to US Trade Representative Ambassador Ms. Katherine Tai and Agriculture Secretary Mr. Tom Vilsack and regularly provides guidance to the Biden Administration on agricultural policy issues.

Chairman, NDDDB and President-IDA Honored with NADSI Fellowships during National Dialogue at DUVASU

On April 9, 2024, the National Academy of Dairy Science, Indian (NADSI) orchestrated a momentous gathering during the VIII Convocation at U.P. Pt. Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwa Vidhyalaya Evam Gau Anusandhan Sansthan (DUVASU), Mathura. The event, themed "Bringing Smiles to Dairy Farmers," served as a platform for profound discussions and visionary insights aimed at uplifting the dairy farming community.

Dr. A.K. Srivastava, President of NADSI and VC of DUVASU, led the proceedings, accompanied by esteemed figures including Chief Guest Dr. Meenesh Shah, Chairman, NDDDB and Dr. R.S. Sodhi, President-IDA. Noteworthy members of the NADSI governing

council, such as Dr. M.S. Chauhan, VP, NADSI & VC, GB Pant University of Agriculture & Technology; Dr. J.B. Prajapati, VP, NADSI & Chairman, IDA (WZ); and Dr. R.K. Malik, Secy, NADSI lent their expertise to the dialogue.

The convocation ceremony saw the conferment of 18 NADSI fellowships and 22 Associate fellowships to exemplary practitioners and scientists in the field of Dairy Science. Dr. Meenesh Shah and Dr. R.S. Sodhi were honored with NADSI fellowships, highlighting their contributions to the sector.

Dr. Shah shared insights into NDDDB's initiatives for farmer betterment, emphasizing seven key challenges that demand attention. Dr. Sodhi illuminated the significance

of dairy sector growth, linking it to women empowerment. Dr. Chauhan stressed the need for enhanced productivity and technological integration, while Dr. Prajapati advocated for holistic well-being through health and wealth.

Distinguished speakers illuminated the path forward, with Dr. Tarun Shridhar, former Secretary of Animal Husbandry, delivering a Keynote address that chronicled India's dairy evolution and underscored global challenges. Mr. Kuldeep Sharma, founder of Suruchi Consultants, eloquently addressed the destiny orientation of farmers, weaving narratives of resilience and empowerment.

Dr. Srivastava's Presidential address extolled the nutritional virtues of milk and its components, emphasizing its role as a superfood. He concluded by reaffirming the collective responsibility of stakeholders in bringing smiles to dairy farmers.



The event culminated with a resounding call to action, echoing the sentiment that the prosperity and happiness of dairy farmers are intertwined with the collective efforts of the dairy community. As attendees departed, they carried with them a renewed sense of purpose and a commitment to fostering sustainable growth in the dairy sector.

Chairman, IDA Gujarat Chapter and MD, Amul Dairy Receives Tribhuvandas Patel Sahakarita Innovation Award

Dr. Amit Vyas, Chairman, IDA Gujarat Chapter and Managing Director, Amul Dairy was honoured with the prestigious 'Tribhuvandas Patel Sahakarita Innovation Award' by the Confederation of NGOs of Rural India (CNRI) on March 14, 2024, at ICAR-CITH Srinagar, during the National Conference on "Development of Horticulture in Indian Trans Himalayan Region through Cooperatives and Collectives". The event was jointly organized by the World Cooperation Economic Forum, ICAR-Central Institute of Temperate Horticulture (CITH), CNRI, and National Cooperative Union of India.

The revered accolade was presented to Dr. Vyas by Shri Dilip Sanghani, Chairman of NCUI, IFFCO, GUJCOMASOL, in the august presence of distinguished dignitaries including Shri Raghupati Singh of CNRI; Smt. Neelkamal Darbari, IAS, former Secretary, Government of India; and Shri Pramod Kalekar, Project Head of IRMA.

This award stands as a testament to Dr. Vyas's visionary leadership and unwavering commitment to imparting a positive impact on society. It has been an exceptional journey for Dr. Vyas, an accomplished engineer and post-graduate from IRMA (Institute of Rural Management Anand), who has dedicated over 33 years of his career to serving the dairy industry in various capacities.

Dr. Vyas's steadfast conviction in innovation and automation has played a pivotal role in driving the



extraordinary growth witnessed by Amul Dairy. Under Dr. Vyas's dynamic leadership, Amul Dairy has achieved remarkable milestones, notably doubling its turnover to approximately 12 thousand crores (1.4 billion USD) in the past five years. His outstanding and indomitable commitment towards revolutionizing the dairy industry and fostering social upliftment for millions of dairy farmers through the embrace of digitalization and technological advancements exemplify his exemplary leadership qualities. Dr. Vyas's relentless commitment to automation, digitalization, new product development, sustainability, energy management, and innovation has left an indelible mark on the dairy sector.

IDA KSC, MRCMPU and KVASU Organizes Farmers' Seminar

IDA Kerala State Chapter (KSC) in collaboration with Malabar Regional Co-operative Milk Producers' Union (MRCMPU) and Kerala Veterinary and Animal Sciences University (KVASU) hosted a One-day "Farmers' Seminar" on March 23, 2024 at Coffee House Auditorium, Hotel Malabar, Balusseri, Kozhikode. Around 200 farmers participated in the Seminar.



The program was inaugurated by Shri K. C James, Managing Director, MILMA and presided over by Dr. S.N. Rajakumar, Chairman, IDA KSC. Dr. Sajith Purushothaman, Asst. Professor, Dept. of Animal Nutrition CVAS, Mannuthy deliberated during one of sessions of the Seminar on "Novel feeding techniques for profitable milk production". Dr. Deepa P.M, Associate professor & Head Dept. of Preventive Medicine CVAS, Pookode spoke on "Diseases in cattle and Strategies

for Prevention".

The mineral mixture kit as well as food products from Dairy and Meat Plant from KVASU and MILMA were distributed to farmers. Dr. C.T Sathian, Executive Member, IDA South Zone moderated for the sessions. The program was organized in continuation of series of events held on the occasion of the 'Platinum Jubilee Year' of IDA.

One-Day National Seminar and Academia Farmer's Meet Held at Banaras Hindu University

One-Day National Seminar and Academia Farmer's meet on "**Clean and Green Milk Production**" jointly organized by IDA Eastern UP Local Chapter, and the Department of Animal Nutrition, Faculty of Veterinary and Animal Sciences (FVAS), Rajiv Gandhi South Campus, Banaras Hindu University (BHU), Barkachha. The event was held on March 14, 2024 at FVAS, RGSC, BHU. It was fully sponsored by IDA Eastern UP Local Chapter, and the registration for the participants was free.

The event was inaugurated by the Chief Guest Professor

Ashish Singh, Professor in-charge, Rajiv Gandhi South Campus, BHU and floral tribute was paid to Mahamana Pandit Madan Mohan Malaviya Ji. After the ceremonial lighting the lamp and BHU Kulgeet, Dr. Mahipal Choubey, Organizing Secretary delivered the Welcome speech.

The Chief Guest in his address highlighted the importance of dairy farmers. He also congratulated the participants and organizers for selecting important





subject of the programme. He addressed the importance of milk in human nutrition. Dr. Arvind, Chairman, IDA Eastern UP Local Chapter, shed light on the collective efforts of farmers, scientists, and industry in the dairy sector and emphasized adopting a comprehensive approach for producing clean and green milk. Dr. Tejinder Singh, Deputy Chief Veterinary Officer, Mirzapur, described various ongoing state government schemes for dairy farmers. Professor Shahid Prawez, Coordinator & Dean of the FVAS, expressed his best wishes for leveraging such initiatives. Professor Amit Raj Gupta, Convener, organizing committee, discussed various general aspects of animal husbandry and animal health aiming at a better production and economic status for the farmers.

Two farmer and student-oriented books were also released during the program. One of the books entitled "Murgiyon ka Poshan evam Aahaar Prabandhan (Nutrition and feed management of chickens)" edited by Dr. Mahipal Choubey, Dr. Abhishek Kr. Singh and Dr. Sandeep Kr. Chaudhary was launched to serve as a comprehensive guide tailored for farmers and students alike. Written in a simple language, the book delves into the fundamental aspects of nutrition, focusing specifically on the needs of chickens with practical approach to feed formulation. The other book entitled "Backyard Poultry" authored by Dr. Utkarsh Kumar Tripathi, Dr. Anuradha Kumari and Dr. Manish Kumar published under Rashtriya Krishi Vikas Yojana funded project for the upliftment of farmers and enthusiastic youth in the Vindhyan region of Uttar Pradesh, was released, which is a valuable information resource for raising backyard poultry with minimum resources.

Under the direction of Shri Bagish Rai, students of the campus presented a street play based on the prestigious scheme of the Central Government "Beti Bachao, Beti Padhao" ('Save the girl child, educate the girl child'), for the entertainment and educational purposes of the present farmers and students, which was well appreciated by the audience.

The first session, Academia Farmer's meet was attended by more than 200 participants including male and female farmers. The session was dedicated to advancing

scientific clean and green dairy production techniques. During the session, the Chief Guest requested to shed light on the current notion of vegan and vegan milk usage. Dr. Tarun Verma, Secretary cum Treasurer of the IDA Eastern UP Local Chapter, aptly highlighted the importance of cow milk in the context of veganism and vegan milk usage. Cow milk has been a staple in human diets for centuries, providing a rich source of essential nutrients such as calcium, protein, and vitamins. Its nutritional value is unmatched, especially for growing children, pregnant women, and the elderly.

Contrary to false propaganda, cow milk is a natural and wholesome food, essential for maintaining good health and well-being. The idea that vegan milk substitutes are superior is misleading. These substitutes often lack the same nutritional profile as cow milk and may be fortified with synthetic nutrients to compensate. Moreover, the sustainability argument often used to promote vegan milk fails to acknowledge the ecological benefits of traditional dairy farming. Cows play a crucial role in maintaining ecosystems, particularly in grassland areas where they help preserve biodiversity and prevent soil erosion. It is crucial to dispel misconceptions and baseless claims about cow milk. Responsible consumption of dairy products, including cow milk, is not only beneficial for health but also supports sustainable agricultural practices. During the farmer discussion, expert panellists Prof. Amit Raj Gupta, Dr. Priyaranjan Kumar, Dr. Mahipal Choubey, Dr. Anuradha Kumari, and Dr. Saroj Kumar from FVAS discussed modern animal husbandry techniques, advanced feeding, breeding practices, parasitic and other disease control in animals. Attendees engaged in knowledge-sharing sessions with discussions centred on innovative methodologies to optimize milk output and clean milk production. Dr. S.N. Singh and Dr. S.K. Goyal, KVK, Barkachha, assisted the panel during farmer discussions. The session also emphasized the importance of embracing gynaecological technological advancements and research-backed approaches to enhance productivity and profitability in the dairy sector. Dr. Tarun Verma and Dr. Sunil Meena actively participated during the farmer discussions. Other faculty members also contributed significantly. The session was chaired by

New Executive Committee of IDA North Zone Formed

The election result of IDA (North Zone) was declared on April 4, 2024. The election was held under the nominated Returning Officer Shri R.K. Gupta. The other election committee members were Shri Praveen Sharma and Shri Anil Issar. The newly elected members are: **Chairman:** Dr. Rahul Saxena; **Vice Chairmen:** Shri Ramesh K Chugh and Shri Ashok Kumar Rao; **Secretary:** Dr. Balbir Singh Beniwal; **Treasurer:** Shri Ajay Kumar Sharma; **Member (RE):** Shri Narender Raju Panjagari and Shri Gian Chand Mutreja; **Member (PP):** Shri Vijay Krishna Tewari and Dr. P.K. Jain; **Member (DI):** Shri K.L. Arora and Kanha Milk Testing Equipments Pvt. Ltd.; and **Member (MP):** Vacant. Hand over and take over ceremony was held on April 15, 2024 at IDA(HQ) office. The outgoing Chairman, IDA NZ Shri S.S. Mann thanked his colleagues for supporting him during his tenure. He also thanked all IDA staff members.





BULLETIN

Dr. Sanjay Kumar Ravi, Head of the Department, Veterinary Gynecology and Obstetrics, FVAS, BHU. Dr. Santosh Marandi acted as the Co-chairman and Dr. Ajay Kumar Chaturvedani was the rapporteur for the technical session.

Animal health and deworming camp was held immediately after the farmer discussion session. Dr. Dayanidhi Jena and Dr. Kruti Mandal lead the camp and prescribed and distributed the medications. The farmers were also given a tour of the Livestock Farm of FVAS, BHU for familiarizing them with scientific dairy practices. The session was coordinated by Dr. Manish Kumar, Dr. Ajeet Singh, and Dr. Mahesh M S. Farmers left equipped with actionable strategies and insights for improved clean and green dairy farming, poised to elevate their operations through a scientific approach and also dewormers for their livestock.

The scientific technical session of the National seminar in hybrid mode with Dr. Suvaneeth P and Dr. Mahipal Choubey handling the online and offline sessions respectively in coordination with Dr. Vineeth M R and Dr. Demian C Johnson. There were nearly 100

participants in the offline mode and about 80 participants in the online mode. During this session, lead speaker Dr. Nitin Tyagi, Principal Scientist, ICAR-NDRI, Karnal, deliberated on "Sustainable ways for achieving carbon neutrality in livestock production".

The next lead speaker Dr. Sushma Kumari, Head of the Department, Livestock Products Technology, Bihar Animal Science University, Patna, presented on gave her presentation on "Clean and hygienic milk production". The session was chaired by Professor Amit Raj Gupta, Head, Veterinary Clinical Complex, FVAS, BHU. Dr. Amitosh Kumar acted as the Co-chairman and Dr. Abhishek Kumar Singh was the rapporteur for the session.

The lead papers were followed by technical discussion where the audience raised pertinent doubts regarding the topic of discussion which was clarified by the experts. All the offline participants were provided with complementary kit, and all participants were provided with participation certificates.

Dr. Suvaneeth P, Organizing Secretary of the event felicitated and delivered the vote of thanks. The program was anchored by Dr. Utkarsh Kumar Tripathi.



IDA (West Zone) Hosted an Interactive Session with President of IDF and Dairy Industry Professionals at Mumbai



IDA (WZ) organized an interactive session with Mr. Piercristiano Brazzale, President of International Dairy Federation (IDF), Brussels and Dairy Industry Professionals at IDA (WZ), Mumbai Office. Dr. J.B. Prajapati, Chairman, IDA (WZ) welcomed Mr. Piercristiano Brazzale with a bouquet along with all members and briefed them about the zonal activities of IDA (WZ). Each member introduced themselves with their brief backgrounds.

Mr. Brazzale introduced himself and shared his views by a presentation with the details on the work that IDF

reaches out to. He mentioned that they reach out to the entire dairy sector, and their expert members covering a wide range of professional activities. Achievements on standardization from the year 1903 and until now was discussed.

IDF is working on 40+ Standards, Methodologies, sustainable practices, etc. Also, guidance on animal welfare was part of discussions. IDF is also promoting the role of dairy in healthy diets. He also mentioned that milk and plant-based beverages is a huge topic and needs to be taken up separately. IDF continues to support research, innovation and promote the science behind dairy.

It was a knowledge-sharing interactive session. There were questions as to how and what India needs to do to be on the top of the charts. Shri Arun Patil, Vice President-IDA requested President, IDF, to publish cow & buffalo milk combined together in all the publications of IDF, where it is published as the milk production in India. Further, he also suggested that since the total solids of buffalo milk are higher than cow milk, milk production by different countries should be presented in terms of milk solids.

The interactive session provided a valuable insights into global dairy industry trends and opportunities. The ZEC of IDA (WZ) extend gratitude to Mr. Piercristiano Brazzale for his valuable contributions and look forward to further engagements with IDF in advancing dairy industry goals. Member thanked Dr. J.V. Parekh, who took initiative to organize this program.



Left to Right: Shri Manish Khobragade, Sr. Manager, Mother Dairy; Shri Rajesh Lele, CEC Member-IDA & former Secretary IDA (WZ) and Dairy Consultant; Shri Ashwani Pandey, V A Exhibitions; Shri Surendra Taskar, Warana; Shri Arun Patil, Vice President-IDA & former Chairman IDA (WZ) and Dairy Consultant; Dr. J.V. Parekh, Vice Chairman IDA (WZ); Mr. Piercristiano Brazzale, President IDF; Dr. J.B. Prajapati, Chairman IDA (WZ); Shri A.K. Singh, Warana; Shri Subhash Vaidhya, Former Secretary IDA (WZ) and International Dairy Consultant; Shri Madhav Patgaonkar, Secretary IDA (WZ); Shri Yogesh Godbole, MD, Gokul; Dr. R.S. Patil, MD, Amreli Milk Union, Gujarat; Shri Kailash Ashar, former Secretary IDA (WZ) and Industrial Trainer; Shri Diwakar Panicker, former GM Amul and Consultant; Shri Ramdas, GM, Nature Delight; and Shri Shyju Sidharthan, Vice Chairman IDA (WZ).

Rajasthan State Chapter of IDA Celebrates 75th Year of IDA



Udaipur (MPUAT) along with Shri R.K. Chugh, Vice Chairman, IDA (NZ); Dr. Rahul Saxena, Chairman, IDA RSC; Shri S.N. Purohit, Vice Chairman, IDA RSC; Dr.

Karun Chandaliya, Secretary, IDA RSC and Shri Govind Gupta, Treasurer, IDA RSC.

Dr. B.D. Kumawat, Registrar MPUAT; Shri Vinay Bhati, Comptroller, MPUAT; Dr. Lokesh Gupta, Dean, CFDT; Dr. Nikita Wadhawan, ADSW, CFDT and other faculty members were also present to encourage the students on the winter morning.

In pursuance of directions given by the President, IDA, to commemorate the 75th year of IDA, Rajasthan State Chapter (RSC) organized many programs at Udaipur in collaboration with College of Dairy & Food Technology (CFDT) Udaipur on 15th February 2024. The day started with having a "Run for Health" in winter morning at 8.00 am. The aim of organizing this event was to percolate the importance of such warm up exercises for good health and importance of consumption of milk. Flavoured milk bottles were arranged for all the participants after finishing the run.

More than 125 students and faculty members assembled in the lawns of CFDT campus, where warm up exercises were conducted by all on the music beats, which were played on DJ sound system. T-Shirts and caps were distributed to all participants. Two separate runs were held for Boys and Girls. Both the Runs were flagged off by Dr. Ajeet Kumar Karnatak, Hon'ble Vice Chancellor, Marana Pratap University of Agriculture and Technology,



It was fun mixed with morning exercise aiming to improve overall health. Later in the day, a poster competition was also organized. The posters were judged by Shri R.K. Chugh, Shri S.N. Purohit and Dr. Nikita Wadhawan.

The activities did not end there. At 11.00 am, at CFDT Auditorium, Dr. N.R. Bhasin memorial lecture and award function were held. Dr. Ajeet Kumar Karnatak, Vice Chancellor, MPUAT was the Chief Guest and Shri R.K. Chugh presided over the Inaugural session. The program started with lighting of ceremonial lamp followed by Ganesh Vandana and paying tribute to Dr. Bhasin. Dr. Karun Chandaliya welcomed all participants to the function. Dr. Nikita Wadhawan briefed about the program. In his address Dr. Lokesh Gupta, Dean, CFDT briefly explained about the present program and future activities of CFDT. Shri R.K. Chugh briefed the audience about the role of Indian Dairy Association (IDA), its history and future plans. Dr. Ajeet Kumar Karnatak, Vice Chancellor, MPUAT, Udaipur in his Chairman's address





remembered Dr. V. Kurien for his mammoth role in 'White Revolution'. He apprised students with the fact that White Revolution, unlike green revolution, has significantly impacted milk production and consumption of country without adversely affecting quality. It can be termed as 'Quantity with Quality' case. He gave full credit to IDA for bridging the gap between academics and industry very well, and wished good luck to IDA and its office bearers.

Then award ceremony was held. The details of the awardee are as follows:

Dr. N.R. Bhasin Memorial Award for Academic Excellence for year 2021-22

Teena Kalyan – Gold Medalist in B.Tech (Dairy Technology from CFDT, Udaipur, affiliated to MPUAT, Udaipur

Manvik Joshi – Silver Medalist in B.Tech (Dairy Technology from CFDT, Udaipur, affiliated to MPUAT, Udaipur

Hardik Arya – Gold Medalist in B.V. Sc. & AH from Appolo College of Veterinary Medicine, Jaipur, Affiliated to RAJUVAS, Bikaner

Poonam Saini – Silver Medalist in B.V. Sc. & AH from Mahatma Jyoti Rao Phule College of Veterinary & Animal Sciences, Chomu, Jaipur affiliated to RAJUVAS Bikaner

Poster Competition

1st Position - Ruchi Vijayvargiya & Vimal kumar

2nd Position - Vatsal Tushar Gandhi Abhishekh kumawat

Run for Health

Boys

Winner - Praveen Singh, First Year DT

1st Runner up - Hansraj choudhary, Third Year FT

2nd Runner up - Paviter, First Year DT

Girls

Winner - Preeti Patidar, First Year FT

1st Runner up - Nirmala Choudhary, First Year DT

2nd Runner up - Antima Shah, First Year DT

Dr. Rahul Saxena, Chairman, IDA RSC, while thanking Hon'ble Vice Chancellor, MPUAT; Dean, CFDT and all faculty members and staff of CFDT, Udaipur for the marvelous arrangements, called upon students to be proactive in life, gain as much knowledge as possible from faculty and college and explore all possible sources of gaining knowledge. He briefed them the benefits of joining IDA and called upon to become Student members and Life members of the Association.

Dr. Mayank Patel, Professor & Head, Geetanjali College of Technology, Geetanjali University, Udaipur, delivered the Dr. N.R. Bhasin Memorial Lecture. The topic was "Innovation and Advancements in Indian Dairy Industry. In his lecture, Dr. Patel gave brief insight of Artificial Intelligence. The process, development and implementation of AI was nicely explained along with its limitation. He gave few examples of AI in dairy industry like precision feeding and nutrition management, reproduction management and fertility monitoring, optimization of feed formulation, etc. He explained that AI shall become more and more accurate with increase in base data.

The program ended with brief cultural program (e.g. dance, skits, mime, etc.) arranged by students.



IDA Punjab State Chapter and Verka (Milkfed) Ferozepur Organizes “The Kisan Dairy Summit”

Indian Dairy Association (Punjab State Chapter) in collaboration with Milkfed (Verka Dairy) Ferozepur organized "The Kisan Dairy Summit" at an auditorium of Genesis Institute of Dental Science & Research Ferozepur-Moga Road, Ferozepur, Punjab on January 30, 2024.

The eminent personalities present on the event included Dr. R.S. Sodhi, President-IDA; Shri Narinder Singh Shergil, Chairman, Milkfed Punjab; Dr. Kamal Kumar Garg IAS, Managing Director, Milkfed Punjab; Shri Rajesh Dhiman IAS, Deputy Commissioner, Ferozepur; Shri Rajesh Gupta, National Dairy Development Board (NDDB); Shri Inderjit Singh Sra, Chairman, IDA Punjab Chapter; Shri Gurbhej Singh Tibbi, Chairman, Verka Dairy Ferozepur; and Dr. R.S. Sethi, Dean College of Dairy Science & Technology, GADVASU, Ludhiana.

Addressing the august gathering, Dr. R.S. Sodhi, President-IDA said that this summit was planned to make the dairy farmers aware about various advanced techniques in feeding, breeding & health management of the dairy cattle. By giving insight on bright future of the dairying in India, he kept the hopes of the dairy farmers high.

After the inaugural ceremony, a documentary video on the journey of Verka Dairy Ferozepur was shown to the audience. This documentary showcased the milestones of Verka Dairy Ferozepur from a Milk Chilling Centre to 1 LLPD Processing plant.



On this occasion, Dr. Kamal Kumar Garg IAS, Managing Director, Milkfed Punjab shared the advanced techniques and machinery used by Milkfed for analysis of various milk quality parameters.

Shri Rajesh Gupta, NDDB discussed the various schemes and subsidies available to dairy farmers and other projects of NDDB. On this occasion, a copy of approved development projects worth crores was presented to MD, Milkfed Punjab.

During the first session of the event expert speakers Dr. R.S. Grewal, GADVASU, Ludhiana; Dr. Pankaj L Sherasia, Scientist, NDDB; Dr. Harinder Singh; Shri R.S. Sahu, PAU, Ludhiana; Dr. Jiwan Gupta, Animal Husbandry Department Punjab; and Shri Karanbir Singh Dhillon, Milkfed Punjab enlightened the dairy farmers about silage and cattle nutrition.

Second session focussed on "cattle breeding and advanced techniques in dairy farming" was conducted by Dr. R.S. Bali, NDDDB; Dr. Sikh Tejinder Singh, GADVASU, Ludhiana; and Dr. Harsugev Singh, Milkfed Punjab. Dr. R.S. Sahota, Retired Director, Extension Education, GADVASU, Ludhiana advises milk producers to focus on modern dairy techniques and emphasized that prevention is better than cure.

On this occasion Shri Inderjit Singh Sra, Chairman, IDA Punjab State Chapter emphasized the need of such seminars/event/summit for creating awareness about the advanced techniques among dairy farmers and praised the role of IDA, Cooperatives, Producer Companies and other organized players in dairy development in the country. He also encouraged the industry, professionals, scientists and farmers to become member of Indian Dairy Association for the overall betterment of dairy by adopting a collaborative approach.

Shri Gurbhej Singh Tibbi, Chairman, Verka Dairy Ferozepur thanked all the dignitaries, speakers and dairy farmers for their active participation and making this event a grand success.

Solar Power System and Renovated Canteen Inaugurated at IDA HQ

Central Executive Committee (CEC) members of IDA led by President Dr. R.S. Sodhi and Vice Presidents Shri A.K. Khosla and Shri Arun Patil inaugurated the Solar Power System installed at IDA HQ. The capacity of the Solar Power System is approx. 25 KVA. The system was installed fully with the help from technical team of National Dairy Development Board.

In order felicitate the IDA Transit Room Guest, existing canteen was renovated so that they enjoy comfortable stays at IDA HQ during their stay. As per the record, the occupancy has also increased manifold afterward.



CEC members appreciated these new development works initiated by the new management under the leadership of Dr. Sodhi.

IDA Jharkhand State Chapter and JMF Organised “Medha Dahi Khao Inaam Pao Pratiyogita - 2024”

The Jharkhand State Cooperative Milk Producers' Federation Limited (JMF) and India Dairy Association (IDA)- Eastern Zone jointly organised very innovative yet meaningful contest in January 2024 across three locations in Jharkhand namely at the Medha Dairy Plant, Ranchi, Deoghar and Divisional Office Campus Jarmundi (Basukinath, Dumka).

Every year, the event "**Medha Dahi Khao Inaam Pao Pratiyogita**" is organized at various locations of Jharkhand by India Dairy Association (IDA)- Eastern Zone & Medha Dairy

to raise awareness among consumers regarding consumption of milk and milk products.

More than 700 people participated in this event this year across three locations. The competition was categorized in three different categories *i.e.* Male, Female and Senior Citizen. As this was a competition of eating maximum quantity of curd in stipulated time frame of 3 minutes.

Hon'ble Minister- Agriculture, AH & Cooperative, Govt of Jharkhand, Shri Badal graced the event as a Chief Guest. Hon'ble Minister advised the marginal farmers and people in general to associate themselves with JMF and its produce so that a good quality and fresh dairy product may be provided to the consumers which will lead to the socio-economic development of milk producers. Hon'ble Minister also appreciated the work done by JMF under management of National Dairy Development Board.

On this Occasion, Shri. Sudhir Kumar Singh, Chairman IDA- Eastern Zone & Managing Director, JMF stated the importance of eating fresh and healthy foods and asked people to use Medha Dairy's products as it is fresh and healthy too.

Chairman IDA-Jharkhand Chapter & General Managers, JMF -Shri Pavan Kumar Marwaha and Shri Jaidev Biswas were also present to encourage the participants of "**Medha Dahi Khao Inaam Pao Pratiyogita 2024**".

The winners of this contest were awarded by Medha Gift Hampers along with various titles (Upadhi) like *Dahi Samrat*, *Dahi Samragyi*, *Dahi Bhushan* etc.



IDA (SZ) Brainstorming Session and 50th DIC Curtain Raiser Program at Bengaluru

Indian Dairy Association (South Zone) organised '**Brainstorming Session on Reorienting Zonal Activities of IDA**' and also '**50th DIC Curtain Raiser Program**' on January 19, 2024 at Bengaluru. This program was organized on the occasion of the 'Platinum Jubilee Year' of IDA.

The Guests of Honour of the program were Dr. R.S. Sodhi, President-IDA; Shri A.K. Khosla and Shri Arun Patil, Vice Presidents of IDA. Dr. Satish Kulkarni, Chairman, IDA (SZ) presided over the program.

While speaking on the occasion, Dr. Satish Kulkarni highlighted the various new initiatives of IDA (SZ). He emphasized on strengthening the secretariats of Zonal and Chapter offices so that more number of activities can be organized. Shri Arun Patil stressed on increasing the membership of 'Milk Producers' and 'Dairy Industry' Categories. Shri A.K. Khosla emphasized on improving the IDA outreach programs and holding the membership drives to increase the membership base of IDA.

Dr. R.S. Sodhi, congratulated and appreciated the initiatives taken by the IDA (SZ) and assured that such novel initiatives will be adopted by the others zones of IDA. Further, Dr. Sodhi emphasised on improving the communication of IDA activities among various stakeholders and providing the policy advocacy to the governments so as to take the dairy industry to desired heights. During the interactive session, various members expressed their ideas to re-orient, re-invent the activities of IDA.

The suggestions were deliberated on Strengthening the secretariats of Zonal and Chapter offices of IDA; Organising the 'Regional Dairy Summits' to address the local dairy issues; Increasing the number of Chapters; Recognition the Best Women Dairy Farmers and successful Dairy entrepreneurs; Tripartite agreement among IDA, Dairy Research Institutes and Dairy Industry; Supporting innovative students research projects; Improving the awareness among the general public about IDA; Providing policy advocacy from Zonal to National Level, etc.

During the occasion, a Curtain raiser presentation on the 50th DIC was made by Shri C.P. Charles, Secretary General of the conference, and a video was released on the occasion. Earlier, Dr. S. Subash, Secretary, IDA (SZ) delivered the welcome address and Dr. B. Surendranath, Member IDA (SZ) delivered vote of thanks and compered the program. The program was attended by more than 80 members of IDA, dairy professionals and other stakeholders.



Best Women Dairy Farmers Award Ceremony

Indian Dairy Association (South Zone), Bengaluru organised '**Best Women Dairy Farmers Award Ceremony**' on January 20, 2024 at Bengaluru. This program was organized on the occasion of the 'Platinum Jubilee Year' of IDA.

It is a unique initiative of IDA (SZ) to honour the best women dairy farmers from Southern States. Five Dairy Women Farmers from the states of Andhra Pradesh, Karnataka, Kerala,



Tamil Nadu and Kerala were felicitated recognizing their entrepreneurial zeal and producing milk ranging from 60 liters per day to 400 liters per day.

The award carried a certificate, memento, and cash award of twenty thousand rupees. The awardees are Smt. A.N. Rajeshwari from Karnataka, Smt. Aligeneni Sree Padma from Andhra Pradesh, Smt. Dabbu Padma from Telangana, Smt. Leema Roselein from Kerala and Smt. Parimala Vijayaramesh from Tamil Nadu.

The Guests of Honour of the program were Dr. K.C. Veeranna, Vice Chancellor, KVAFSU, Bidar; Dr. Basavaraj, Director (AH), KMF; Shri Rajeshwar Rao C, Chairman, IDA Telangana Chapter; and Dr. R.S. Sodhi, President-IDA. Dr. Satish Kulkarni, Chairman, IDA (SZ) presided over the award ceremony. While speaking on the occasion, Dr. Satish Kulkarni emphasized on improving nutritional status of dairy farmers besides improving their socio-economic status. Dr. K.C. Veeranna, appreciated the efforts of IDA (SZ) in recognizing the best women dairy farmers from Southern India, which in turn would motivate other fellow dairy farmers to excel in their dairying activities. Dr. Basavaraj highlighted the various pro-farmer initiatives and programs of KMF in supporting their dairying activities in Karnataka State. Shri Rajeshwar Rao, appreciated the role of women in every sphere of our life and dairying is no exception to it as most of the dairying activities are carried out by the women dairy farmers.

Dr. R.S. Sodhi, while congratulating all the awardees, assured that such novel initiatives will be adopted by the others Zones of IDA. Further, Dr. Sodhi appreciated the efforts of women milk producers in positioning our country at the top at global level. He explained that the contribution of dairying itself contributes about 4% of GDP and currently India accounts for 25% of world milk production. In the next decade the contribution is likely to increase to 40% of world milk production, he added.

A Curtain raiser presentation on the 50th DIC was made by Shri C.P. Charles, Secretary General of the conference, and a video was released on the occasion. Shri S.K. Bhat a member of the association was felicitated for completing 50 years of membership and members proposing the best themes for the 50th DIC were awarded.

Earlier, Dr. S. Subash, Secretary, IDA (SZ), delivered the welcome address and Dr. S.N. Rajkumar, Chairman, IDA Kerala State Chapter delivered vote of thanks. Dr. B. Surendranath, Member IDA (SZ) compered the award ceremony. The program was attended by more than 200 persons, comprised of women dairy farmers, members of IDA, dairy professionals and other stakeholders.

National Conference on “Smart and Sustainable Dairy Farming” Organized at Pune



National conference on "**Smart and Sustainable Dairy Farming**" was organized by Indian Dairy Association (West Zone) in association with Indigenous Cattle Research cum Training Centre (ICRTC) of Mahatma Phule Krishi Vidyapeeth, Rahuri (MPKV) and BAIF Development Research Foundation at Agriculture College, Pune during January 5-6, 2024. The program was attended by about 300 delegates

representing academic institutions, private and cooperative dairies, other dairy related companies and students.

The grand opening of the conference began with paying tribute to Mahatma Phule in front of heritage building of Agriculture college and celebration procession to Shrimane Hall. Dignitaries opened the poster session and exhibition before entering the hall. Inauguration session was started by invocation of goddess Saraswati and lighting of lamp by the dignitaries. Ms. Richie Agarwal, ZEC Member-IDA (WZ), anchored the inaugural session.

Dr. J.B. Prajapati, Chairman, IDA (WZ) welcomed the guests and felicitated them. He thanked Dr. P. G. Patil, Vice Chancellor, MPKV, Rahuri for making this conference a reality. He also mentioned that it is important for the Agriculture scientists to come together with the industry and discuss the ways in which dairy farming can be made sustainable. He explained the importance of the theme of the seminar and insisted that farmers and dairy professionals have to be smart to keep our business sustainable, which is a livelihood for millions of families across the country.

Dr. B.K. Kakade, President, BAIF talked about the initiatives of BAIF in the area of animal genetics, breeding, nutrition, and scientific management. He also pondered upon the challenges and opportunities in dairy production sector.

Dr. R.S. Sodhi, President-IDA said that the smart word is not only required in the dairy sector, but in the entire food sector. He said that to make the food industry sustainable, it has to be commercially viable for the farmer producer and the consumer needs to get good food products in affordable price range. The producer cannot do charity but definitely needs commercial viability to be able to continuously produce and provide good food items to the consumer. In the coming 25 years the rural urban population ratio is going to become 50:50. We need to remember, the food that will sell or we need to grow is tasty, with pure natural nutrition, and affordable.

He mentioned that one major worry for the industry is fighting adulteration, which leads to low consumption due to loss of trust of consumer. India is world's largest and fastest growing economies, which leads to all large food companies in the world trying to come into the country to sell their products. This leads to loss of income of the farmers. Thus, we need to make the Indian production system more efficient by reducing the input cost of farmer and improving feed conversion ratio of dairy cattle. It is very efficiently managed by poultry industry and needs to be brought more into focus in Dairy industry.

On the other hand, conceiving ratio of almost 25% cattle is zero. Thus, we need to focus on this in the dairy cattle. Energy consumption needs to be reduced in the entire value chain. Digital integration is also very important since efficiency, transparency and trust is brought into the system. Regular data maintenance and analytics will give us more insights for bringing in sustainability. Another perspective change which is needed is food inflation, which actually brings food prosperity to the farmer. In some of the parts of the country the average returns to the farmer are almost 50% of the selling price of milk is negatively impacting the milk industry, which needs to be increased to bring prosperity to the farmer.

After a wonderful roadmap given by Dr. R.S. Sodhi, the Souvenir of the conference was released by the dignitaries, which carried articles and abstracts of the sessions of the speakers and abstracts of poster presentations by the college students.

Chief Guest Dr. N.V. Patil, Hon'ble Vice Chancellor, MAFSU, Nagpur gave us a roadmap of how this industry and academia interface is very important for both and also to the students, who are our future professionals. He invited IDA to conduct similar seminar at Nagpur and other places. He mentioned that the productivity of the animals can be increased by adopting technical advancements in the dairy field. We blame animals for not being productive, but what we forget that the animals also need love and care which gets ignored in the day to day race. He mentioned that taking care of the animal is important, along with taking precautions and care in health, environment and efficiency of utilization of nutrients, kind and quality of feed & fodder of the animals. The challenges of small herd vs large herd and unavailability of records in our system, can be managed by utilization of our traditional knowledge and earlier systems of cattle management through modern mechanisms of implementation. The organized sector will bring the best of quality products to the consumer and thus the professionals have to play an important role in the value chain.

In his Presidential address, **Dr. P.G. Patil**, Hon'ble Vice Chancellor, MPKV, Rahuri welcomed all once again and was very happy that such conference is being organized by IDA for the first time in their campus. He said that Dairy industry is an ATM machine for the farmer and thus it needs to be treated with due respect and care. We can provide utmost care and facilities to the farmer by bringing in modern methods of dairy farming, for example the milking machine can also be considered as robot. Technological advancements can be very useful and bring in further efficiency in the system. He reminded us of how Dr. Kurien shaped up the dairy industry and it is now our duty to take it further on the path to progress.

Guest of Honour Prof. M.C. Varshneya, Former Hon'ble Vice Chancellor of AAU and Kamdhenu University Gandhinagar gave an up-to-date presentation on "Dairy Sector in India- Saviour of Rural Economy." He shared with us the statistics of the dairy industry and how the major share of the female cattle is owned by the small and marginal farmers. India is taking care of its cattle as can be seen in the world's largest cattle vaccination program executed by the Animal Husbandry department.

Some recommendations presented by him are:- 1. Quality of milk and milk products have to be maintained at the highest level; 2. Adulteration in milk should be considered as a cognizable offence; 3. Payment of milk should be made by UPI immediately; 4. To encourage Indigenous milk products exported, it should be given subsidy on advertising; 5. To stop loitering of animals on roads in cities and villages Gaushala should be supported/started in each city and villages preferably on earmarked grazing lands; 6. Seed of fodder crops and water for grazing lands should be provided by Gram panchayat free of cost; and 7. All villages having animal population of >1000 should have a veterinary hospital.

Shri Amit M. Vyas, MD, Amul Dairy, Anand presented a power packed Keynote speech: on Digitization is must for "Smart & Sustainable Dairy Farming". He shared about the dismal state of affairs of the Indian dairy industry in the 1940s. The architects of Amul -Sardar Patel, sowed the spirit of cooperative institution, Morarji Desai was the guiding spirit, Tribhuvandas Patel was the social reformist and founder of Amul, Dr. V. Kurien, father of White Revolution and Shri Lal Bahadur Shastri, former Prime Minister who envisioned White Revolution, brought about a revolution in the industry by conceiving and implementing the Anand Pattern. The Digitally integrated supply chain of Amul dairy makes it possible to handle massively large volumes of milk and 47 units across 13 states with 84 lakh litres of handling capacity. Smart Dairy farming is utilization of new technological advancements to bring about an innovation to make the traditional dairy farms modern. Digital cow monitoring system, call centre for animal health, rapid diagnostic kits, sex sorted semen, embryo transfer technology, TMR station, fan and fogger, agri machineries, animal health management through ethno veterinary care make the dairy farming at Amul an example of smart and sustainable dairy farming. Sustainability is given utmost importance through clean energy production at Dairy farms, carbon credit trading through bio gas, refractive roof coating system, use of solar power, rainwater harvesting, regenerative agriculture, tree plantation drive, automatic milk sampling, route optimization, use of bio-fertilizer, use of drones in application of bio-fertilizers. Implementation of all new technological advances can be seen at Amul Dairy and thus Amul becomes the most progressive dairy not only in the country but also in the world.

The inaugural session concluded by Vote of Thanks by Dr. D.H. Kankhare, Organizing Secretary.

The conference had Six Technical Sessions on different themes like productivity enhancement, innovations, support to dairying, quality of milk, sustainability and had young scientist presentation too, where in a total of 27 talks by experts were delivered. There were total 87 posters showing innovative work by students and faculty were received and they were presented in 2 sessions. The exhibition has stall by our sponsors as well as experiential learning centres of the university. Students at their dairy centre, served softy and instant ice cream free of charge for both the days. The bakery products, horticulture-floriculture, and bioenergy stalls of the university were the centre of attraction.

The technical tour to Indigenous cattle research cum training centre (ICRTC) was organized for the delegates on 5th evening. Arrangement for demonstration of various unit functions was arranged. It was joyful to experience the scientific management of dairy farm, manure management, fodder and feed management and experimental dairy managed by students.

Evening was made relaxed and pleasant cultural program presented by the staff and students of Agriculture College. It was presented by Swa-kiran Sangitik Rangmanch, directed by Shri P. T. Jagdale and Miss. Kiran Sawant. Some of the delegates also exhibited their talent. Delegates also relished traditional foods.

The Valedictory function was chaired by Dr. S.D. Masalkar, Associate Dean of Agriculture College, while Shri Sekhar Gaikwad (IAS), ADG of Yashwantrao Chavan Academy of Development Administration and Ex-commissioner of sugar remained present as the Chief Guest. All the rapporteurs presented summary of their sessions along with key takeaways. The prizes for the Poster presentations and the Young Scientist award were distributed to the winners.

In the first Session of poster presentation on Milk Processing the winners were Dr. D.D. Patange RCSM, College of Agriculture, Kolhapur, Dr. K.D. More, K.K. Wagh, College of Agriculture, Nashik and Shri S.R. Sonwane College of Agriculture, Latur. In the 2nd Session of poster presentation Animal Husbandry the winners were Dr. T.R. Bhosale, College of Agriculture, Muktainagar, Dr. C.S. Patil, LUVAS, Hisar, Haryana and Dr. S.B. Bhalerao, College of Agriculture, Pune. Young Scientist Award winners were Dr Ankit Mangotra and Dr. C. S. Patil, both from LUVAS, Hisar, Haryana.

Dr. P.T. Dhole, Ex-Director of Research of MPKV shared his thoughts on the seminar that it was a great opportunity for the college of Agriculture and IDA to come together. The feedback was taken from the audience and participants about the seminar; to which they said that it was a wonderful seminar and a great opportunity to learn and interact. Dr. S.D. Masalkar, Associate Dean of MPKV Rahuri, shared his thoughts and happiness over the successful completion of the seminar. Dr. J.B. Prajapati gave his closing remarks talking about technical and management issues discussed and draw recommendations for policy makers. He conveyed his gratitude to entire IDA (WZ) team and dedicated staff and students of Agriculture College, who made the conference a grand success. He especially thanked Hon Vice Chancellor, Associate Dean and Organizing Secretary of the event for their tireless efforts.

Vote of thanks was presented by Dr. Dhiraj Kankhare.

A Seminar on Unlocking Bovine Potential: Sex Sorted Semen and Embryo Transfer

The eventful morning of December 16, 2023 witnessed the grand unveiling of Seminar at Sardar Patel Assembly Hall, AMUL Dairy, Anand on a very pertinent topic "**Unlocking Bovine Potential: Sex Sorted Semen and Embryo Transfer**" under the aegis of Indian Dairy Association (Gujarat State Chapter) and Amul Dairy, Anand.

Seeking blessings from almighty, invoking the benedictions of knowledge, the phenomenal event was inaugurated by lighting of the ceremonial lamp by honourable dignitaries on the dais, Chief Guest Dr. Meenesh Shah, Chairman, NDDDB; Shri. Vipulbhai Patel, Chairman, Amul Dairy, Anand; Dr. R.S. Sodhi, President-IDA; Shri Amit Vyas, Managing Director, Amul Dairy, Anand and Chairman, IDA, Gujarat State Chapter; and Dr. J.B. Prajapati, Chairman, IDA (West Zone).

Dr. Gopal Shukla, Manager (AH-Projects), Amul dairy, Anand and organising secretary of the event heartedly welcomed all the dignitaries gracing the event, invited guests, the veterinarians, distributors as well as industry partners from veterinary and dairy fraternity.



Shri Vipulbhai Patel, Chairman, Amul Dairy, Anand expressed great pleasure in welcoming all the learned gathering to the event at the venue for fruitful deliberations and in his address elaborated on the topic "Role of Dairy Cooperative in milk production enhancement programme."

Dr. Meenesh Shah, Chairman, NDDB graced the event as Chief Guest. He enlightened the gathering by narrating "Overview of advancement in Bovine Reproductive Biotechnology - India Perspective". He stressed on the importance of the selected topic of the seminar emphasizing two striking reasons: (1) Even though India is world number one in milk production, the international view is that per animal milk productivity is less - A challenge to overcome. The said purpose entitles urgent need for structured programme with support from Veterinarians and Government aid for providing service to farmers for IVF and embryo transfer technologies. (2) Diminishing number of farmers aspiring for dairy business as profession - the future challenge for India, which is at present prevailing in most of the developed countries.

Dr. R.S. Sodhi, President-IDA expressed happiness and enthusiasm in his address recounting "Milk production scenario in India - Current and future trends". He equated the technologies of sex sorted semen and embryo transfer with that of milk production, processing and packaging for preservation as well as proper logistics for distribution to rural areas. According to him, the challenges that remains to overcome are shortage of manpower, checking adulteration to retain consumer faith and decrease in milk productivity costs.

Shri Amit Vyas, Managing Director, Amul Dairy gave Keynote address on the topic "Amul Case Study - Different Strategies for Productivity Enhancement in Dairy Animals". In his address, he admired the Amul model conceptualized and implemented under the great leadership of visionary Dr. Verghese Kurien and Shri Tribhuvandas Patel, which the world is keen to replicate. He embarked on the journey of Amul that started its first sex sorted semen laboratory in December, 2021. The success rate for such advancements depends on tying-up with major technology providers, continuous training for capacity building, periodic review through data collection and investing efforts in the right directions. Amul being the first dairy in India to provide the sex sorted semen as well as embryo transfer technologies to farmers at subsidized rates, he cited examples for the success and continuous progress achieved by them in gaining trust of farmers and fuelling quality milk production.

Dr. J.B. Prajapati, Chairman, IDA (West Zone) presented concluding remarks and thanked one and all for being part of the grand event. He acknowledged the support from Amul Dairy, Anand for organizing the seminar on such an important theme. He anticipated resourceful deliberations in the industry sessions and gainful conclusions for the industry to follow.

The technical sessions with presentations from the ten eminent speakers from the industry dwelled on increased milk productivity with quality improvement and reduced production cost by application of advanced artificial insemination technologies and feed management for the animals.

Dr. Rahul Gupta, Head of Operations, ABS India discussed the importance of sexed semen relating to the seminar theme "Unlocking Bovine Potential: Sex Sorted Semen and Embryo Transfer". He talked about National Action Plan for Rashtriya Gokul Mission and Accelerated Breed Improvement Program (largest program in Livestock sector) sponsored by GOI.

Dr. Amol Kinhekar, Sr. Lab Manager, ST Genetics, India discussed the principle behind semen sex sorting technology and the status of the technology in India and globally. He talked about measurement techniques for the success rate of the technology by QC results & purity of desired gender (Lab based), conception rate (field result) and gender ratio of the calves born (field result).

Shri Sandeep Singh, CEO, Godrej Cattle Genetics with his deliberation on "Livestock Genetics for Yield Improvement" narrated how animal husbandry has outpaced agricultural growth in India over last two decades with dairy being the biggest success story. He delved with urgent need for improvement in genetic potential for further yield improvement in Indian milch animals, embryo transfer technology being the solution for the same.

Dr. Sanjay Gorani, General Manager (Animal Breeding), NDDB summarized "NDDB initiatives in the field of Bovine IVF technology: our journey so far". He described animal breeding as a blend of Genetics

and Reproduction and discussed resourceful development activities carried out by NDDB with support from GOI in establishing laboratories and promoting field ET programmes.

Dr. Srinivas Karnati, IIL, Hyderabad dwelt upon a very important topic on 'Preventive aspects and innovation - unleashing bovine power'. He narrated importance of use of combined vaccines, preventing Theileriosis and gut health in calf and deworming. He highlighted the role of Raksha Biovac and Acticalf-The 1st month enteric care. He also suggested to use oxfenvet, vetfen-B and vetfen-T for efficient deworming.

Dr. Abhishek Garg, Associate Director - Ruminant discussed Precision in dairy management with "SenseHub Cow Monitoring Technology". He talked about optimization of dairy economy with focus on Production, Reproduction and Health, which requires continuous monitoring of animals by use of technology.

The topic of "Technological Intervention for Success of SSD and ET" was intercepted by **Dr. Vishal Vashisht**, Business Head, Delaval. He narrated the key challenges for dairy farmers and with changing trends; digital and smart farming would be the future of dairy farms in India. Feeding is till date considered as one of the important factors affecting milk productivity and quality at farm level and hence according to him TMR feeding center would allow conversion of traditional to system driven feeding with feeding robots doing the task of human.

Dr. Sanjay R. Nikam, General Manager- Dairy (India & Nepal) discussed "The role of minerals in bovine reproduction". He illustrated the broad role of trace minerals throughout the reproductive process; mostly an indirect effect e.g. normally trace minerals act as co-factors in enzymes or vitamins involved in the reproductive process e.g. Cobalt and Vitamin B12.

"Technological advancement in the field of Bovine Artificial Insemination" was narrated by **Shri Divyesh Butala** from Prompt. He talked about Prompt as a pioneer in providing cutting-edge dairy tech solutions from farm management and milk collection to quality analysis and preservation incorporating innovations in every step.

Dr. Sudhir Kumar Singh, General Manager- Kemin Industries South Asia elaborated on solutions for "Precision Nutrition of Dairy Animals" by precise ration formulation (Feed & TMR), feed additives and feed processing techniques. He discussed the challenges in animal feeding to increased raw material cost and discussed profit making by feed efficiency through (1) Improving Productivity & maximize components yield (2) Increasing Lactation number and (3) Enhancing Reproduction along with reduction in methane emission per unit.

IDA Western UP Local Chapter organises Seminar



Indian Dairy Association (Western UP Local Chapter), in collaboration with Central Institute for Research on Cattle (CIRC), Meerut organised a one day seminar at CIRC Campus, Meerut on December 27, 2023. The theme of the Seminar was "**Strategies for Accelerating Dairy Entrepreneurship in Western Uttar Pradesh**".

Pradesh". The Seminar was attended by more than 150 participants including 80 farmers apart from professional from Dairy industry and ICAR.

Dr. T. Mohapatra, Former Director General (ICAR) and Chairperson, PPVFRA graced the occasion as the esteemed Chief Guest. Dr. A.K. Misra, Former Chairperson (ASRB) & Ex-VC, MAFSU was the Guest of Honour. IDA (North Zone) and CEC, IDA was represented by Dr. I.K. Narang, Hon Secretary, IDA (NZ) and Shri Hariom Gulati, Secretary General-IDA.

The seminar began with the welcome address by Dr. A.K. Mohanty, Director ICAR-CIRC, Meerut followed by an address by Dr. A.K. Tripathi, Chairman, IDA Western UP Local Chapter. While addressing the audience **Dr. T. Mohapatra** emphasised on the need for proper management of dairy cattle and timely and scientific processing of milk and milk products so as to bring down cost of production and make the Indian dairy products competitive in the market. Dr. Mohapatra also explained various government schemes for Cow and Cow based agriculture and encouraged farmers to adopt these practices and take full advantage of the Schemes.

Dr. A.K. Misra in his address appreciated the role of farmers in making India self-sufficient in milk and transform the country from net importer to net exporter in a matter of a few decades. Dr. Misra exhorted the farmers to become entrepreneurs and take full advantage of the opportunities available in the fast growing domestic and international market.

The first Technical Session Chaired by Dr. Narang. The session was kick-started by Dr. G.S. Rajorhia, former President-IDA with an engrossing and thought provoking lecture on challenges and opportunities of dairy development in Western UP. He pointed out that while UP State contributed 18% of total milk production in the country, more than 50% of this comes from the 30 districts of Western UP making it the milk bowl of the Region. Dr. Rajorhia pointed out that Western UP is bestowed with rich soils, adequate irrigation resources, diverse crop cultivation, adaptable and soothing environmental conditions and hard-working peasantry which have contributed to sustained and rapid growth of dairying. With rapid growth in demand for milk across the country, it will be beneficial for the farmers to enter into commercial dairy farming to harvest higher profits. This would necessitate installation of automatic milking machines, weighing and testing systems and bulk milk chillers at farms. He also stressed upon training of women and unemployed youth in modern dairy farming.

Second lecture in the session was delivered by **Dr. G.K. Gaur**, ADG (APB), ICAR, Delhi on Animal Breeding. Dr. Gaur depicted that the average yield of Indian milch animals is much less as compared to USA, Europe and Australia. Hence, there is still a lot of scope to improve the genetic material of Indian cows and buffaloes to increase their productivity. He stressed on rearing of good quality bulls for semen production as Sire index plays a major role in improvement of milk yield in the offspring. He informed the farmers that nowadays Sex Sorted Semen is available which can be used to breed female calves. Dr. Gaur also emphasised that there is a need to bring out a suitable breeding policy to ensure that better breeds are developed for higher milk yield with disease resistance.

Dr. S.K. Verma, Principal Scientist, ICAR-CIRC, Meerut made an elaborate presentation on Scientific feeding of different categories of livestock for better productivity and entrepreneurial opportunities in feed and fodder sector. Dr. Verma shared a user friendly Excel based model for working out balanced ration specific to an animal. While detailing about the feed requirement of various types of animals he advised to use cheaper nutrients available in traditional fodder and supplement it with protein and minerals available in legumes so as to derive best and economically feasible results. Dr. Verma also stressed that farmers must adopt silage making practice so that during off season, animals are fed quality fodder.

Second session mainly focussed on experience sharing by progressive farmers. In this session, Shri Aseem Singh Rawat, of Hetha Organics LLP and Mrs. Milan Sharma, Renvar Farms, Village Patva, Selakhade shared their journey of setting up profitable dairy businesses and encouraged the gathering to take up commercial dairy farming and adopt scientific methods. The session generated a lot of interest with both the entrepreneurs showing their willingness to provide help and guidance to the willing farmers in setting up their farms.

Dr. Raja Rathinam, Former CEC Member-IDA also attended the seminar. Shri T.T. Reddy, Secretary, IDA Western UP Local Chapter delivered the vote of thanks and the session was concluded with a promise to organise more such events in collaboration with ICAR.

During the Seminar an Exhibition with 24 stalls related to Dairy Business was also set up which was a major centre of attraction for the farmers' guests.

Workshop on “JASP Software for Data Analysis”



Indian Dairy Association (Kerala State Chapter) jointly organized a one day Workshop on December 2, 2023 on "**JASP Software for Data Analysis**" in association with Department of Dairy Business Management and Computer Club, and AFSTI-Thrissur Chapter at VKIDFT, Mannuthy.

Prof.(Dr.) A.K Beena, Convener; Dr. Dinker Singh, Co-convener; Ms. Bincy T. J., Programme Coordinator; Ms. Janice E.J., Assistant Coordinator and Ms. Kesiya Eliza Giji, Member were the members of the organizing committee.

The workshop was planned with an objective of familiarizing participants with the JASP software, its interface, and basic functionalities. 46 participants were registered for the programme out of which 45 participated in the workshop. Following the registration, inauguration function was started in the seminar hall of VKIDFT, Mannuthy. The Co-convener Dr. Dinker Singh, welcomed the respective guests and participants to the workshop.

Presidential address was given by Prof.(Dr.) A.K Beena, Associate Dean, VKIDFT. Chief Guest of the programme, Prof. (Dr.) M. R. Saseendranath, Hon'ble Vice Chancellor, KVASU, officially inaugurated the function. Prof. (Dr.) P. Sudheer Babu, Registrar, KVASU; Dr. Gleeja V. L., Associate Professor, Dept. of Statistics, CoVAS, Mannuthy and Dr. Mohanlal E.K., Assistant Librarian and Head, KVASU Library and Information System felicitated the function. Ms. Bincy T. J., Programme coordinator extended vote of thanks to everyone present. Dr. Rasin R.S., Assistant Professor, St. Thomas College, Thrissur was the Resource Person.

The first session was on the Basic Statistics. The second session focussed on the introductory session on JASP Software. In the afternoon session, the participants were given a practical session on the software. The Valedictory function was held at Seminar hall, VKIDFT, Mannuthy.

IDA Gujarat State Chapter Office Renovated

IDA (Gujarat State Chapter) was established in 1998 with the blessings of Dr. V. Kurien. An office was allotted by the then Gujarat Agricultural University at SMC College of Dairy Science for IDA Chapter. Since then the Chapter is actively working from the same office.

On January 20, 2024, the formal inauguration of the renovated office was done in the presence of Dr. J.B. Prajapati, Chairman, IDA (WZ); Shri Amit Vyas, Chairman, Gujarat State Chapter and other SEC members.

Founder office bearers of the Chapter Dr. P.N. Thakar, Dr. H.K. Desai and Dr. P.S. Prajapati also graced the occasion along with faculty members of the college. The renovated office has a conference room, pantry, chairman's office and secretarial cabins. The inauguration function was followed by SEC meeting.



A Seminar on “Safer Dairy Products: Challenges for Industry and Administrators” Organized by IDA HQ

Indian Dairy Association (IDA) organized a Seminar on December 15, 2023 at Hotel Eros, New Delhi.

The event was aimed to bring together industry experts, stakeholders and professionals to engage in discussion, share thoughts and collectively work towards ensuring the safety and quality of dairy products in the country.

Ms. Richie Agrawal, ZEC Member-IDA (WZ) welcomed the Guests and the participants of the Seminar. She also briefly explained the subject of the Seminar.

The eminent Guests of Honour at the inaugural session were Dr. Dheer Singh, Director, NDRI; Dr. R.S. Sodhi, President-IDA; Dr. G.S. Rajorhia, Former President-IDA; Shri Ajay Khosla, Vice President-IDA and Shri S.S. Mann, Chairman, IDA (NZ).

Addressing the august gathering, **Dr. R.S. Sodhi**, President-IDA said that this Seminar was planned on the advice of Department of Animal Husbandry and Dairying. We have been told to respond to the reports in the media that dairy products are not safe. That's why we decided to organized a seminar like this to discuss the issues pertaining to the safety of the milk and milk products.

First of all, we must know that food industry in India is the biggest industry among all others, generating a business of 50 lakh crore. There is no decline in the growth of food industry. Out of the 50 lakh crore food industry, Dairy sector share is around 11 lakh crore. The share of organized food industry is 7 lakh crore that includes 3.5 lakh crore of dairy sector alone. Since dairy sector holds the majority of the organized food business, that's why it has been targeted to gain most by supplying fake and adulterated products in the market by some elements.

Consumer trends are changing nowadays. People are more interested in healthy products. Taste, nutrition and affordability are three parameters applicable in our country and it will remain so in the times to come. After Covid-19, consumers' demand have shifted towards packed food products. Currently, 20-22% dairy products are sold through HoReCa. More growths in dairy business are coming through tier - 2, 3, 4 and small town and villages. There is a saturation in metro cities. That's why local brands are growing and consumers are preferring local brands or locally manufactured products.

Questions have been raised about the quality of the products. As we all are the custodian of dairy value chain, every segment of the dairy sector should ensure that faith and trust of 140 million consumer of the country remain intact.

Among food category, dairy products are consumed more in natural form. Since this category is growing very fast, greed to earn more by some people, are giving negative publicity about the dairy sector.

This will not only impact the nutritional source of 140 million people of the country but also 80 million livelihood source of our dairy farmers. That's why it is our duty to protect the interest of the dairy sector. In this regard, we may look for better technological help such as testing equipment, more laboratory facility. Also, we must seek support from the policy makers so that stricter law and their implementation takes place to control adulteration issues.

Dr. Dheer Singh, Director, NDRI said that as far as safety of dairy products are concern, we have developed technologies for the same and it is our dream that test kits are made available to the doorsteps of each dairy farmers. He further said that Govt. of India is financially supporting institutes like NDRI and through IDA platform, we request the dairy industry that if there is any need to go for research in any new areas, we are ready to help them.



Dr. Singh was of the view that safety measures should be taken at the level of production. Farmers must be educated to use appropriate water and fodder.

Safety issues are regulatory issues. Research organizations do not have much role to play in it. IDA may use its platform to convey the policy makers to enforce strict implementation of the safety regulations.

Shri Ajay Khosla, Vice President, IDA shared his long experience of 50 years in the dairy sector. He was of the view that dairy sector has evolved very well from the Operation Flood era and sector has kept pace with latest processing, testing and manufacturing technologies and machines to provide good quality and safe products to the consumers.

He further said that consumer has the right to ask for the safe product. But the food chain also has the responsibility starting from the procurement centre to the consumer table via chilling centre, dairy plant, retail outlets, etc. Some dairy alternate manufacturers want to enjoy the trust of the milk and milk product by using the word "dairy, milk or ghee". They are using the social media platform to misguide people in the name of adulteration for their advantage. In fact, this was communicated to the FSSAI and prompt action was also taken for the same.

As far as adulteration is concerned, there may be some isolated cases. But most of them are not by the organized players or they do not have latest infrastructure to maintain the quality of their products.

While IDA is celebrating its 75th Year journey under the leadership of Dr. Sodhi, we are conducting various seminars and programs across our zones and chapters to raise the safety issues of dairy products. Whenever adulteration related issue comes up, it hurts the industry. Therefore, it is the responsibility of all the stakeholders to safeguard the dairy sector. India's milk production is growing @6% for the last 5-6 years. If we continue to grow in the same way, in the next 25 years, we will have more than 100 million tonnes surplus milk available for export purposes. So while we are number one in milk production, we also need to be number one in quality so as to meet export requirement. Now, technological changes have taken place even at the village level, so India can be number one in milk quality too.

Shri S.S. Mann, Chairman, IDA (NZ) said, our biggest challenges are that newer generations are not consuming milk, especially in the educated families. Other important issue is that farmers are not getting adequate prices of their produce. Misbranding is another big issue. Products are named as "pure cow ghee", "A1 or A2 milk/ghee" and many brands are selling their products at a premium price. Similarly, some brands are selling milk mentioning as "Direct from Farm in 24 hours" which is practically not possible. Many brands are selling almond milk, soy milk, etc. They are using the word "milk" to sell their products. These are issues of misbranding, regulatory and administrative. We always find adulteration news during festivals such as Deepawali and Holi which shows that it is a media hype otherwise such news should come up throughout the year. It is fortunate that IDA is energized now and we are conducting various seminar across the nation through zones and chapters to raise awareness in the society.

Post Inaugural ceremony, **Panel 1** discuss took place on **"Nutritional benefits of Dairy Products: Reading between the lines"**. The panelists were:- Dr. J.B. Prajapati, Chairman, IDA (WZ); Dr. G.S. Rajorhia, Former President-IDA; Dr. Bimlesh Maan, ADG (EP&HS), ICAR; Shri Biswajit

Dutta, QC Head, Mother Dairy; and Ms. Ishi Khosla, Clinical Nutritionist.



Dr. J.B. Prajapati gave his presentation on "**Quality of nutrients from Milk are much superior to plant based products**". In his address Dr. Prajapati said that whatever comes out of udder can only be called Milk. This has been certified by FSSAI. Milk is a complete food and natural lacteal secretion whereas plant-based drinks are manufactured with plant material, water, vegetable oil and many additives.

It is a hype created in the media that many of us are lactose intolerants. Dr. Prajapati claimed that 200 ml of milk will not create lactose related issues with anyone. If (in rare case), somebody has the issue, we have butter-milk, Curd, etc. available for those people. He also said that in order to develop brain, it is necessary to take milk and milk products.

In conclusion, Dr. Prajapati said that as published in the renowned research journals with clinical data of more than 4-5 lakh individuals, there is no alternative to milk. It is the best food that is packed with digestible nutrients, conferring therapeutic effects, all natural, safe and affordable.

Dr. G.S. Rajorhia, Former President-IDA highlighted some of the nutritional facts of milk and milk products in front of the participants. He informed that Cholesterol is finally removed from the dietary guidelines by USFDA. Those who consumed higher levels of saturated fats from dairy products neither develop heart diseases nor died prematurely. Full fat dairy products are higher in calories. That is what common man in India requires. The latest findings suggest that Ghee, Butter and any other fat rich products are as good as any other oils could be.

The take away message from Dr. Rajorhia was that the exploration of nutritive value of minor milk components proves that milk is not just a beverage, it is rich source of our overall well-being. So the next time you pour a glass of milk or enjoy a dairy product, appreciate not only its creamy taste but also the nutritional treasure it brings to your health.

Dr. Bimlesh Mann, talked on proteins and peptide. She said that apart from the intact protein in milk, the peptide in milk also has health benefits. These peptides are of various type: - they may act as anti-hypertensive, anti-oxidative, anti-carcinogenic, anti-diabetic, mineral binding peptides, etc. They directly protect us from the cardiovascular disease, type-2 diabetes, color actor cancer, osteoporosis, Alzheimer disease, etc. These are well-documented and published in the research paper of renowned international journals.

Shri Biswajit Dutta said that post Covid, people are looking for boosting immunity. To improve our gut health and immunity, fermented products like nutritifit, yoghurt, probiotic curd are very useful. Mother Dairy is fortifying Vitamins (A & D) in its milk for the benefit of the consumers.

According to **Ms. Ishi Khosla**, "it is undisputable to say that Milk is a powerhouse of nutrients. There is no two views about it and it has stood the test of time."

Dr. Prajapati summed up Panel 1 discussion by saying that milk and milk products is preventive for life-style diseases that includes Obesity, Hypertension and Type-2 Diabetes. None of the research report published says that milk and milk products cause such diseases. This should be well spread in the society to remove any confusion prevailing to anyone.

Sponsors of the seminar gave their presentations showcasing their products and services to the participants. While Shri Ashish K. Singh gave the slide presentation on behalf of Kanha Milk Testing Equipments Pvt. Ltd., Shri Rajdeep Maan gave a presentation for Maan Ventures.

Post lunch, Panel 2 discussion took place on "**Ensuring safer Dairy Products in the consumer basket**".

Prior to the Panel 2 discussion, **Chief Guest of the Seminar Ms. Varsha Joshi**, Additional Secretary (CDD/IT), Department of Animal Husbandry & Dairying, Gol, addressed the august gathering. While addressing, **Ms. Varsha Joshi** said that I am grateful to Dr. Sodhi for organizing such event on my request. She further said that we are producing so much of milk and also consuming a lot. But are we adhering to the safety and quality



standards required that we should be? If we do not do so, how we are going to increase our share in dairy export. It is responsibility of FSSAI, state government and all of us have to work on it. IDA should guide the dairy sector on how the quality can be improved and how safe milk and milk products can reach in the consumer's hand.



The panelists for the **Panel 2** were:- Shri Kuldeep Sharma, Founder, Suruchi Consultant; Dr. K.D. Aparnathi, Former Prof & Head, SMC College of Dairy Science; Dr. Rajan Sharma, Joint Director (Research), NDRI; Ms. Rajeshwari Sinha, Programme Manager, CSE; and Shri Vijay

Sardana, Advocate, SCI; Techno-Legal Expert; and Corporate Advisor.

Shri Kuldeep Sharma was of the view that since independence there was not much focus on quality in the dairy sector. Investments were made in cooperatives as well as in building infrastructure. Spending on quality infrastructure were started at later stage. Training of staff is another area where we must look into. Although most of the dairy plants are holding ISO certificates, however, they are not following the guidelines on day-to-day basis. It is our constitutional right to have safe food.

Dr. Rajan Sharma said that currently we do not have the equipment to find out the adulterants in milk and milk products in a very short time as it is available to the blood testing labs for medical fraternity. However, he hoped that in the next few years, we will have such types of equipment.

Responding to Shri Kuldeep Sharma query, he said that there is no acceptable limit for adulterants. As per currently available testing method, adulterants should be absent.

Dr. K.D. Aparnathi showcased through his presentation the real science behind testing the adulteration in ghee. He has invented Triglycerides method to detect the adulteration in ghee. It has been well accepted by the FSSAI.

Ms. Rajeshwari Sinha spoke on AMR issues. She said that if we do not manage the dairy waste products appropriately, we are eventually again adding AMR causing determinacy into this environment pool. We need to cater this as it will indirectly lead to safer food and safer water.

Shri Vijay Sardana spoke mostly on the administrative issues. His view was that we must be transparent in our guidelines. Administrative action and follow up should be visible to society through website. If any product is not up to the mark as per the testing lab or authorized agencies, it should be published online so that people can take a call themselves about it. During the panel discussion, he also offered his services through IDA to the Department of Animal Husbandry & Dairying, GoI, as and when required.

Shri Kuldeep Sharma summed up the Panel 2 discussion by saying that we must focus on primary production level to raise our milk quality. List of contaminants applicable for all or area-wise should be available on the website. Traceability through block chain method is the need of the hour whether it related to source of milking or upkeeping health status of milch animals. Finally, a non-negotiable parameters should be there to reject any product before it goes to the market.

Vote of thanks was presented by Shri Hariom Gulati, Secretary General, IDA.

International Conference on “Dairy Products in Human Health and Nutrition: Innovations and Opportunities” at Salem, Tamil Nadu

As a part of the Platinum Jubilee celebrations of the Indian Dairy Association (IDA), Tamil Nadu Chapter of IDA in partnership with Department of Nutrition and Dietetics, Periyar University organised a one-day International Conference on “**Dairy Products in Human Health and Nutrition: Innovations and Opportunities**” on December 14, 2023 at Periyar University, Salem in Tamil Nadu.



The international conference was designed to focus 5 major areas including Dairy Products and Health, Novel and Innovative Dairy Products, Probiotic Dairy Products, Innovative Dairy Processing, Safety and Quality and Entrepreneurial opportunities in Dairy sector for the benefit of the students and scholars of Food Science and Nutrition, Nutrition and Dietetics, Dairy Technology and Veterinary Science and also the faculty members of all the related fields.

During the inaugural session, Dr. R.S. Sodhi, President-IDA was the Chief Patron and Guest of honour, Dr. K.N. Selvakumar, Vice-Chancellor of Tamil Nadu Veterinary and Animal Sciences University was the Chief Guest and the Vice-Chancellor of Periyar University, Dr. R. Jagannathan presided over the function.

Dr. R.S. Sodhi, President-IDA joined the Conference virtually and delivered the Keynote address covering the outlook of dairy developments in India and health giving attributes of milk and also prioritizing the upliftment of the economy of small and marginal milk producers of our country. He also said that dairy products play an important role in both daily life and religious rites in India and are stapled in every house hold of India. Added to that millions of people especially women of rural India rely on the dairy industry for their livelihood.

During the Presidential address, the Hon'ble Vice-Chancellor of Periyar University, **Dr. R.Jagannathan** emphasized that "Milk" known, as the nature's most complete food for millennia, comprising a basket of numerous beneficial nutrients and bioactive health promoting attributes, fits in as the perfect solution. The dairy products have added nutritional advantages and provide a convenient package of key nutrients. Furthermore, the array of available varieties, ease of inclusion in the diet and the dramatic shift of the consumer's preference to dairy products drives momentum to the dairy product industry.

Dr. K.N. Selvakumar, Vice-Chancellor, Tamil Nadu Veterinary and Animal Sciences University , Chennai in his Chief Guest address, opined that the dairy sector assumes a great deal of significance in India on various accounts and is intricately linked with livelihoods of millions of small milk producers and creation of wealth in the rural area. As an industry, it employs more than 8 crore people directly, with the majority being small and marginal farmers as well as the landless. Further, women constitute the major workforce of the dairy sector in the country. The sector is an important job provider, especially for women, and plays a leading role in women's empowerment.

During the felicitation address, **Dr. Satish Kulkarni**, Chairman, IDA (South Zone) pointed out that scientific considerations are necessary in the designing of dairy products, product diversification, adoption of innovative production and processing technologies, evaluation and validation of developed products including quality assurance, the safety concerns, and the export potential promotion initiatives.

Shri C.P. Charles, CEC Member-IDA in his felicitation address briefed that dairy consumption is associated with good health, and recent meta-analyses data indicate that dairy consumption is beneficial for weight management, coronary heart disease, Type-2 Diabetes, hypertension, and most cancers. Globally, dairy foods present a safe, affordable, and sustainable source of high-quality nutrition.

Shri. K.S. Kanna, Chairman, IDA Tamil Nadu Chapter briefed the gathering about the theme of Conference and also about the role of the IDA in facilitating knowledge exchange and networking opportunities for academia, industry professionals, scientists, and young researchers, in pursuit of its mission.

During the inaugural session, both the Vice Chancellors honoured the farmer- Mrs. Parmala Vijay Ramesh who was adjudged as the best IDA-Dairy Women Farmer of Tamil Nadu for the year 2023 and also handed over a cash award of Rs. 10,000/-

Similarly, a former CEC Member and Senior IDA member - Dr. Raja Rathinam, MD, UNDP Project-SKPCL, India was honoured by Dr. Satish Kulkarni and Shri C.P. Charles.

During the Conference, 13 lead papers were presented on the major areas of the focus by prominent speakers including 2 international speakers viz., Dr. Suresh V. Kuchipudi, University of Pittsburg School of Veterinary Public Health, Pennsylvania, USA and Dr. Gopi Hariharan from Kebri University, Ethiopia. Furthermore, a total of 30 oral presentations were made of original research findings in 5 concurrent session's viz., Novel Dairy products, Probiotic Dairy Products, Dairy Products enriched with plant ingredients, Dairy products & Health and Dairy Processing & Entrepreneurial Opportunities. Added to that, a cumulative total of 133 scholars very actively participated and presented their abstracts in E-poster sessions organized under 5 themes mentioned above.

As a part of the international conference, painting competition and cooking competition were also organized with themes "**Milk: The Nectar of Physical and Mental health**" and "**Milk based foods**" respectively. A total of 20 and 66 students took active participation in the painting and cooking competition respectively.

A total of 1100 participants were exposed to an interdisciplinary knowledge sharing platform comprising academicians, researchers, nutrition experts, microbiologists and food technologists. The conference addressed various innovative strategies and opportunities on probiotic Dairy Products, Novel Dairy Products enriched with plant nutrients, Dairy Processing, Safety and Quality and also entrepreneurial avenues so as to march towards the much needed proactive advancements.

During the Valedictory function, **Dr. K. Thangavel**, Registrar of Periyar University delivered the Chief Guest address and gave away the awards and prizes to the faculty members and scholars for the best oral and poster presentations and also to the winners of painting and cooking competitions as well.

It is fervently hoped that the outcome of the conference will immensely serve the dairy industry as a scaffold in establishing networking with fellow professionals, aid to formulate collaborative research programmes and to set forth a strong road map to enhance the continuing efforts to deliver nutrient rich dairy products for better health of the people world over.

Shri. K.S. Kanna, Chairman and Dr. T.R. Pugazhenthii, Secretary, IDA Tamil Nadu Chapter acted as Conveners. Dr. A. Elango, IDA Fellow and the Dean, Veterinary College and Research Institute, Salem and Dr. S. Parameswari, Professor and Head, Department of Nutrition and Dietetics, Periyar University, Salem acted as Organising secretaries of the Conference.

IDA Webinar Focuses on International Trade Opportunities for Indian Dairy

Indian Dairy Association (IDA) Organized a Webinar on November 7, 2023 with eight eminent dairy experts. Founder of Suruchi Consultants and Fellow IDA, **Shri Kuldeep Sharma** was one of them who moderated the Webinar. The theme of the Webinar was “**International Trade Opportunities for Indian Dairy**”.

While initiating the Webinar, Shri Sharma said that there is no demand-supply gap in sight, currently - making exports an attractive option. However, the export scenario, apart from milk fat, is not looking promising. Global market experts predict a sluggish market, with China yet to rejoin.

In spite of India's contributing a quarter to the world's milk supply, its role in global trade export is \$475 million in comparison to the \$101 billion in dairy imports in 2022. Butter fat makes up 44% of Indian dairy exports, followed by milk powders at 23% and casein at 21%. Cheese and paneer account for around 10%.

Conversely, cheese is the largest imported segment at around 38%, followed by milk powders at 25% and casein at 21%. Indian exports of powders and casein match the global import proportions.

Dr. R.S. Sodhi, President-IDA emphasized the need for exports to support millions of dairy farmers. He noted that India is expected to have a surplus of milk, necessitating the search for new markets.

The Webinar was not just another session but a master class by experts. The panel included global luminaries who provided valuable insights.

Prof. Rakesh Mohan Joshi, Prof.-IIFT and Director, IIPM, Bengaluru - a renowned WTO and global trade expert, who shed light on the current global dairy market scenario and challenges faced by the Indian dairy sector.

Mr. Bastiaan Bijl, an International expert with extensive experience coaching SMEs for exports. He guided on conducting market intelligence for dairy categories and selecting target countries. Market diversification analysis's role in setting export objectives was also discussed.

Shri Vipin Kumar, Senior Vice President, Olam International, Singapore overseeing Indian operations in Food ingredients, shared his perspective on the potential of Indian dairy products in global markets. He also cited Reliability and Consistency as two major challenges with Indian dairy exporters.

Shri Ashish Agarwal, who heads Bhikaram Chandmal Group, Bikaner discussed the landscape of exporting and developing markets for Indian sweets and savouries in the developed world, especially in the B2C space.

Shri Vijay Sardana, Advocate-Supreme Court of India, Techno-Legal Expert and Corporate Advisor - a seasoned expert, shared insights on how the Indian dairy industry can gain a substantial share in global dairy trade. His experience spans smallholder production systems and the stringent market access norms of global trade.

Finally, **Shri C.B. Kotak**, Deputy Director at the Export Inspection Council of India (Ministry of Commerce & Industry, Govt. of India), New Delhi, provided details on the formalities for exporting dairy products from India.



The Webinar concluded with best wishes from the experts to the audience. At the end the moderator Shri Kuldeep Sharma assured the audience that Indian Dairy Association will keep on organising a series of webinars and programs on dairy exports from India. The subsequent programs will be more granular in their themes and approach.

For the benefit of IDA members, the recording of the Webinar has been uploaded on IDA (HQ) YouTube. <https://www.youtube.com/watch?v=6CpoWhEMaIs>

IDA (South Zone) Organizes a Webinar

The IDA (SZ) organized a webinar on 'Open Network for Digital Commerce' (ONDC) on October 27, 2023 as part of IDA Platinum Jubilee continuous education program series initiated by IDA (SZ).

Guest of Honour Dr. R.S. Sodhi, President-IDA addressed the gathering by emphasizing the importance applications of ONDC a disruptive technological platform in the field of dairying. Shri Arun Patil, Vice President-IDA appreciated the efforts of IDA (SZ) in organizing a Webinar on this important topic in the era of digital world. Dr. Satish Kulkarni, Chairman, IDA (SZ) presided over the program and emphasized on application of ONDC in dairy sector by citing its successful applications in other sectors.

The Guest Speaker, Shri Jagdeesh Sunkad, Serial Innovator presented a talk on 'A new framework for thinking E-commerce through ONDC'. Shri Dheeraj Kumar, an invited speaker from ONDC, briefed about how ONDC framework can be extended to all the sectors including dairying. Shri Jayaprakash from HOPCOMS, Bengaluru shared his experiences of HOPCOMS in using ONDC platform to upscale their marketing strategies. Dr. S. Subash, Secretary, IDA (SZ) was the convener of the Webinar and coordinated the program. Fifty-five participants from across the country joined the Webinar.

IDA (NZ) Organizes a Seminar and Bestowed Best Maintained Dairy Plant Award for the Year 2021-22

Commemorating the 75th Year of Establishment of Association, IDA (NZ) organized a Seminar at IDA House, New Delhi on October 26, 2023.

Cordial invitation were made to all IDA NZ members to join this event. Option for attending seminar online was also available. Theme of the Seminar was "**Upkeep and Maintenance of Dairy Plants to Comply with Statutory Requirements**". The event was chaired by Shri S.S. Mann, Chairman, IDA-NZ.

Delivering his Keynote address Dr. B.S. Beniwal, former Dean Sanjay Gandhi Institute of Dairy Technology Patna and former General Manager, Delhi Milk Scheme, New Delhi stated that maintaining the dairy plants in a position to comply with the statutory requirements is not only a requirement under the law but also the moral duty of all those involved in the processing of milk and milk products.



Maintaining hygienic conditions starts right from milking the udder of the milch animals and goes up to the consumer end. This farm to fork approach of maintaining the hygienic chain is essential for delivering

pure and safe milk while complying with the legal requirements under the various food safety requirements and laws. He lauded the initiative taken by IDA (NZ) in encouraging the dairy plants to maintain its plants in proper condition and awarding the best maintained dairy plant.

The following dairy plants of the North Zone region were awarded the best maintained dairy plants for the year 2021-22.

Cooperative Sector

First Position - M/S Jaipur Zila Dugdh Utpadak Sahakari Sangh Ltd., New dairy Plant

Second Position- M/S Ballabhgarh Coop. Milk Producers' Union Ltd., Milk Plant Ballabhgarh

Private Sector

M/S Chanakya Dairy Products Pvt. Ltd (Unit-II), Mandi Gobindgarh

While receiving the awards, representatives of awardees thanked the jury for selecting their plants for awards, also narrated their experience and efforts made in maintaining the plants in a winning position.

Shri S.S. Mann, Chairman, IDA(NZ) congratulated the winners and said that maintaining the plants in proper condition is a team work and that the CEO of the organisation has to lead the team while educating and encouraging the staff at various levels. He expressed confidence that more and more dairy plants would be participating in the award in the coming years.

The award giving ceremony was followed by an interactive question answer session among the winners and other members present at the seminar.

The seminar ended with a vote of thanks to the Chair and the Keynote Speaker.

Newly Elected State Executive Committee of Tamil Nadu Chapter of IDA Takes Charge

The newly elected State Executive Committee of Indian Dairy Association Tamil Nadu Chapter takes charge at a meeting held on October 18, 2023 at the Dairy Science Department of Madras Veterinary College, Chennai. The details of the unanimously elected candidates are:-



Chairman: Shri K.S. Kanna, Sr. General Manager, Anand has Dairy Farm, Coimbatore

Vice-Chairperson: Dr. Dorathy Pushparani, former Vice-Principal of Loyola College, Chennai

Secretary: Dr. T.R. Pughazendhi, Professor of Dairy Science, Madras Veterinary College, Chennai

Treasurer: Shri Chandrasekhar Karthikeyan, an Environment Consultant, Chennai

Member (RE): Er. Dayand Peter, HoD of Department of Food Processing Technology, Karunya Institute of Technology and Sciences, Coimbatore

Member (PP): Shri P.V.Gopimanivanan, HoD, Department of Food and Dairy Technology, Mannar Thirumalai Naicker College, Madurai

Member (DI): Shri Manoharan Krishnamoorthy, Director of Indiacool Innovations Private limited, Chennai as Executive Member in DI category

Member (MP): Smt. Shantha Lakshmi Kannian, Properitor, Farm Kadalur (300 desi cows), Chennai

Shri S. Ramamoorthy, Immediate past Chairman, Shri IAM Justin, past Vice Chairman and Shri C.P. Charles, Central Executive Committee member of IDA greeted the newly elected committee members in person.

IDA's Stall at World Food India 2023

The World Food India 2023 was held during 3-5 November 2023 at Pragati Maidan, New Delhi. It was inaugurated by the Hon'ble Prime Minister Shri Narendra Modi. Prime Minister along with Hon'ble Minister of Fisheries, Animal Husbandry & Dairying, Shri Parshottam Rupala and Hon'ble Union Minister of State, MoFAHD Dr. L.Murugan and other dignitaries visited the exhibition.

NDDDB at this Mega Food Event showcased its gamut of activities and

initiatives through cooperative strategies for providing better livelihood to farmers and better nutrition to consumers while ensuring sustainability.

Mother Dairy had also put up a stall showcasing the journey of milk from farms to table and also highlighted 'Token Milk'.

It was the first time that Indian Dairy Association had opened its stall at World Food India 2023. Few staff members of IDA headed by its Secretary General, Shri Hariom Gulati made the visitors aware about the activities of IDA. Lots of enquires were coming at the stall as to how a common man can start a profitable dairy unit. Some of them also showed interest in becoming IDA member.

Dr. R.S. Sodhi, President-IDA attended the World Food India 2023 as a panellists. He also visited IDA Stall along with Dr. J.B. Prajapati, Chairman, IDA (WZ) and enquired about the visitors who visited the IDA stalls.

