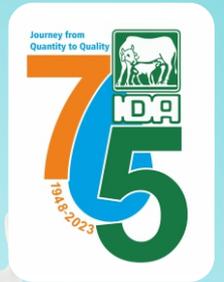


# NATIONAL CONFERENCE ON



# Smart & Sustainable Dairy Farming

05-06 January, 2024  
Agriculture College, Pune



Indigenous Cattle  
Research Cum Training Centre,  
Agriculture College, MPKV, Pune

# National Conference on

## SMART AND SUSTAINABLE DAIRY FARMING

05-06 January, 2024

Jointly organized by



Indian Dairy Association (West Zone)

And



Indigenous Cattle Research Cum Training Center,  
Agriculture College, MPKV, Pune.

### Venue

Agriculture College, Shivaji Nagar, Pune

## Welcome to the Conference

India has been a world leader in milk production and consumption since 1998 and is likely to be a Dairy to the world in the near future. Today, India produces 24% of the total world milk production, amounting to 221 million tonnes, showing 5% increase over last year. Out of the total milk produced, only 25-30% is handled by the organised sector, and hence, there is a tremendous scope for the dairy industry to grow and serve the nation by providing safe and secure milk and milk products.

The success of the dairy industry depends on the success of dairy farms. Under Indian conditions, making dairy farms sustainable has several challenges. It is the prime duty of all dairy professionals to suggest and adopt scientific practices for breeding, feeding, disease control and farm management for the overall growth of the dairy sector. Hence, the objective of this conference is to discuss advances and innovations in animal genetics and breeding, the use of sorted sexed semen, embryo transfer technology, calf rearing practises, feeds, fodders and rations for better nutrition and less methane emissions, manure management, vaccination and disease management, higher productivity, clean milk production and so on.

## Who should attend ?

Such people as are interested in practising and promoting dairying are welcome to participate. These may include progressive dairy farmers, entrepreneurs, dairy industry professionals and officers connected to dairy farm services in dairies, policymakers and government officials from agriculture, animal husbandry and dairying departments, academicians and students related to dairy farms, agriculture, environment and social studies.

## About Indian Dairy Association

Established in 1948, the Indian Dairy Association (IDA) is the apex body of the dairy industry in India. The members are from the cooperatives, MNCs, corporate bodies, private institutions, educational institutions, government and public sector units. IDA functions very closely with dairy producers, professionals & planners, scientists & educationists, institutions and organisations associated with developing dairying in India. IDA (West Zone) actively promotes the dairy sector in five major states of India, viz., Gujarat, Maharashtra, MP, Chhattisgarh and Goa. We are committed to helping all our stakeholders, from the primary milk producer to the supply chain and the consumers. Our moral duty is to protect the interest of millions of farmers dependent on the milk business and, simultaneously, protect the interest of millions of consumers by providing them with healthy, wholesome milk products. IDA (West Zone) is planning to reach to each and every person connected to dairying and plans to bring them under the umbrella of IDA.

## About Agriculture College

At the heart of the culturally rich and prosperous Pune of the Peshwas is where the century old College of Agriculture, the constituent College of the Mahatma Phule Krishi Vidyapeeth, Rahuri is located. Pune with a population of 6 million is the second largest city in Maharashtra State. Since time immemorial, Pune has been a renowned educational and celebrated cultural centre. The Maratha Kingdom was founded by the great king Chattrapati Shivaji Maharaj around Pune in 1676 A.D. The weather of Pune is very pleasant with maximum temperature ranging from 20 °C to 32 °C. The College of Agriculture is very close to the Bus and Railway stations and about 10 kms from the Lohegaon airport. The city is well connected to other metropolis of the country by road, rail and air.

## About ICRTC

Agricultural College Dairy Farm, Pune was started in the year 1878 in the Greater Bombay State. The College of Agriculture was established in the year 1907. Besides the UG and PG teaching, presently four research projects are in progress in the division of Animal Husbandry and Dairy Science section, Agriculture College, Pune. The Indigenous Cattle Research cum Training Centre (ICRTC) was established with the great support of the Maharashtra Government. The centre has 11 indigenous cattle breeds. A comparative study of production and reproduction performance of five indigenous cattle breeds viz; Gir, Sahiwal, Rathi, Tharparkar and Red Sindhi are in progress. The ICRTC uses IVF/ET technique at the farm and field level for increasing the number of elite indigenous cattles. The ICRTC has developed a sustainable model of dairy farming by establishing a demonstration unit of five indigenous cattle breeds, Herbal Garden, Biogas, PROAM Unit, Milk Processing Unit, Cow Urine and Dung Processing Unit. The division is also working on a project under Climate Change and Strategies for Better Adaptation and Mitigation for Sustainable Livestock Production. The 'Cow Tourism' project is also in progress. This section has been working on developing IoT enable livestock management systems and also on developing smart software for the dairy.

## ABOUT BAIF

BAIF Development Research Foundation (formerly the Bharatiya Agro Industries Foundation and popularly known as “BAIF”), is a professional not-for profit Public Trust, founded in 1967 by Dr. Manibhai Desai, an associate of Mahatma Gandhi. BAIF believes that rural prosperity is the key to India's development. BAIF has been impacting rural lives through its livelihood and climate-resilient programmes for more than 57 years. BAIF has merged the Gandhian approach to rural prosperity with climate change mitigation and adaptation strategies. The organisation has a strong human resource base comprising of a multidisciplinary team of professionals, researchers, thematic experts and field practitioners. BAIF has reached out to 37.26 lakh families from 96,956 villages across 337 districts including 56 aspirational districts in 14 Indian states and contributed Rs. 25,759 crores to the rural economy during the year 2022-23.

Under the Livestock-based Livelihoods Programme with its focus on reduction of enteric methane emissions, 6.76 million cows and buffaloes born under the programme are in milk, yielding 8.18 million tons per annum and contributing about INR 22,246 crores (222.46 billion) to the Rural Economy annually, thereby enabling small holders to earn their livelihood.

## Call For Papers

Original research papers on the theme and befitting to any aspect of dairying are invited for oral/ poster presentation at the conference. Each article will be reviewed based on the abstract describing the objective, methodology, results and salient findings in 500 words. The scientific committee will select a few papers for oral presentation, while the rest will be presented as poster papers. The authors may submit the abstract as an email attachment only to Dr. Sujeet Bhalerao (M) 9890505649 E-Mail: icrtcida@gmail.com The last date for submission of the abstract is December 20, 2023. The authors will be informed about the acceptance of their papers by email only. Only a registered delegate shall be allowed to present a poster/oral paper.

## Registration

Members of IDA	Rs. 1000/-
Non-members of IDA	Rs. 2500/- (This includes membership fees of IDA for one year)
Students	Rs 500/-

Above registration fees is inclusive of GST. Fees can be paid by cheque, bank transfer or by UPI by scanning the code.

### PAYMENT DETAILS

#### By Bank Transfer :

**Name of Account :** Indian Dairy Association  
(West Zone)

**Bank name :** Union Bank of India

**Branch :** Andheri / Amboli

**Account No :** 510101003110574

**A/c Type :** Current

**IFSC Code :** UBIN0904325

INDIAN DAIRY ASSOCIATION (WZ)  
QR919820707242-0574@unionbankofindia



**BHIM** **UPI**  
BHARAT INTERFACE FOR MONEY | UNITED PAYMENTS INTERFACE

# Sponsorship

To support the conference, sponsors for various activities are invited.

Gold sponsor	Rs 2,00,000/-	Complimentary registrations for 5 people, full page advt in souvenir, logo on backdrop, complimentary space for demonstration/exhibition and 10 minutes talk in the technical session.
Silver sponsor	Rs 1,00,000/-	Complimentary registrations for 2 people, full page advt in souvenir, logo on backdrop and 10 minutes talk in the technical session.
Exhibition/ demonstration space	Rs 50,000/-	Suitable space will be provided on mutual convenience (3x3 mtr).

A souvenir, containing the invited talks as well as abstracts of the papers will be published on the occasion. The tariff for the advertisements in the souvenir is as under. Souvenir size will be 22 cm X 28 cm (1/4 Demy).

Advertisers are requested to supply positives and matter by email to Mr. K Shyju ,Vice Chairman ,IDA (WZ),Mumbai. Mb: 9223330454, Mail Id : icrtcida@gmail.com

Category	Print area (cm)	Tariff (Indian rupees)
Back cover page (multi-color)	18 x 25 cm	30000/-
Inner cover page (multi-color)	18 x 25 cm	20000/-
Full page (multi-color)	18 x 25 cm	10000/-
Half page (multi-color)	18 x 1 cm	6000/-



## Where to stay?

There are good hotels near the venue in Pune, which can be booked directly. Some are listed with tentative tariff.

Name of hotel	Address and contact details	Distance from conference venue	Tarriff (Rs.)
Tarawade Clarks Inn Jangli Maharaj Road, Shivaji Nagar Pune	Jangli Maharaj Road, Shivaji Nagar Pune Phone: 091302 20328	2.9 km	3500+ GST
Hotel Pride	University Rd, Narveer Tanaji Wadi, Shivajinagar, Pune Phone 0206 647 1471	0.5 km	5500+GST
Hotel Raviraj	Plot No. 790, Bhandarkar Rd, Shreeman Society, Deccan Gymkhana, Area, Pune, Maharashtra 411004 Phone: 077980 03470	3.9 km	2150 +GST
Hotel Sapna	Jangali Maharaj Rd, next to Sambhaji Park Pune Phone: 088888 46566	3.8 Km	2500+ GST
Hotel Lakme Executive	Shivaji Nagar Pune Phone: 072194 70384	2.3 km	2200+GST
Hotel Raviraj	Deccan Gymkhana Phone: 7798003470	3.6 km	2200+GST
Hotel Ambience	Model Colony , Shivaji Nagar, Pune	1 km	3700 to 4600
Hotel Ambassador	Model Colony, Shivajinagar, Pune, Maharashtra 411016 Phone: 096659 16066	1 km	2500+GST
Hotel Kohinoor Executive	Apte Rd, Deccan Gymkhana, Pune, Maharashtra 411004 Phone: 020 2553 2000	3.2 km	2800+GST
JM Four Hotel	Shivajinagar, Deccan Gymkhana Behind Adidas Showroom, Jangali Maharaj Rd, Opp. Sambhaji Park, Pune, Phone: 020 4141 4444	3 km	4000+ GST
Hotel Bhooshan	Behind Jangli Maharaj Temple, Revenue Colony, Pune, Maharashtra 411005 Phone: 093712 27788	2.5 km	1800+ GST
Hotel Sheetal	Fergusson College Rd, Revenue Colony, Pune, Maharashtra 411005 Phone 9011035277	1.5 km	2600+ GST

Limited accommodation on sharing basis can be provided to the students in hostel on first cum first serve basis. Contact: Dr. Santosh More (Mb : 8329513891 ) (Email : icrtcida@gmail.com ) for the assistance.

# Program skeleton

## Day-1

09.00-10.00	Registration
10.00-11.30	Inauguration ceremony
11.30-12.00	Tea/Coffee break
12.00-13.30	Technical session-1
13.30-14.30	Lunch
14.30-15.30	Technical session- 2
15.30-16.00	Tea/Coffee break
16.00-19.00	Visit to Indigenous Cattle Research cum Training Center Farm and demonstrations
20.00-21.00	Dinner

## Day-2

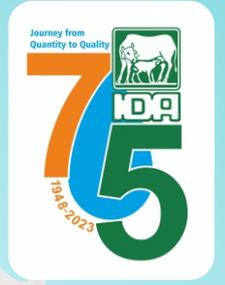
09.30-11.00	Technical session-3
11.00-11.30	Tea/Coffee break
11.30-13.00	Technical Session 4
13.00-14.00	Lunch
14.00 - 16.00	Panel discussion and concluding session

### Organizing Secretary

Dr Dhiraj Kankhare, Technical Head, ICRTC & Professor of AHDS, AC, Pune.  
Mb : 8378053264 Email : icrtcida@gmail.com

# Smart & Sustainable Dairy Farming

05-06 January, 2024  
Agriculture College, Pune



## Organizing committee

**Patron:** Dr. P. G. Patil, Vice Chancellor, MPKV, Rahuri  
**Chairman:** Dr. J.B. Prajapati, Chairman, IDA (West Zone)

### Distinguished members:

Prof. M.C. Varshneya, Former Vice Chancellor, AAU & KU  
Dr. B.K. Kakade, President and Managing Trustee BAIF, Pune  
Dr. S.D. Gorantiwar, Director of Research, MPKV, Rahuri  
Dr. S.A. Ranpise, Dean F/A & Director of Instruction, MPKV, Rahuri  
Dr. C.S. Patil, Director of Extension, MPKV, Rahuri  
Dr. A.B. Pande, Senior Advisor, Scientific Research and Livestock Development, BAIF, Pune  
Dr. J.R. Khadse, Vice President, Scientific Research and Livestock Development, BAIF, Pune  
Dr. S.D. Masalkar, Associate Dean, Agriculture College, Pune  
Dr. P.T. Dhole, Former Deputy Director of Res., MPKV, Rahuri  
Dr. Alok Juneja, Vice President, BAIF, Pune  
Mr. Anil Hatekar, Group Head, NDDDB, Anand  
Dr. J.V. Parekh, Vice Chairman, IDA (WZ), Mumbai  
Mr. K. Shyju, Vice Chairman, IDA (WZ), Mumbai  
Mr. Madhav Patgaonkar, Secretary, IDA (WZ), Mumbai

**Organizing Secretary:** Dr. Dhiraj Kankhare, Technical Head, ICRTC & Professor of AHDS, AC, Pune

**Joint Organizing Secretary:** Dr. Somnath Mane, Chief Scientist, ICRTC & I/C, REC, AC, Pune

**Joint Organizing Secretary:** Ms. Richie Agarwal, IDA-ZEC Member, Pune



Indigenous Cattle  
Research Cum Training Centre,  
Agriculture College, MPKV, Pune