



REPORT ON BEST PAPER AWARDS

To encourage contribution towards scientific knowledge, IDA presents the Best Paper Award for its two journals - *Indian Dairyman* and *Indian Journal of Dairy Science* (IJDS). The paper is judged by a panel of eminent dairy scientists. The Best Paper Award is presented to the awardee during the Annual Dairy Industry Conference. In *Indian Dairyman*, there are two categories, viz., Commercial Aspects of Dairying and Technical Aspect of Dairy Sector, under which the award is presented. In *IJDS*, there are three categories, viz., Dairy Production, Dairy Processing and Economics & Extension.

Under the First category award, a cash prize of Rs. 20,000/- is given to the author whereas Rs. 12000/- cash prize is given to the Second category award.

During the Valedictory Session of the 52nd Dairy Industry Conference (DIC) at *Amaltas B* Hall of Yashobhoomi Convention Centre, New Delhi, the **Best Paper Awards were presented for the year 2025**.

INDIAN JOURNAL OF DAIRY SCIENCE

DAIRY PROCESSING

First Prize

Detection of palmolein oil adulteration in milk fat using ATR-FTIR Spectroscopy and Chemometrics

Vivek Sonvanshi, Kamal Gandhi, Akshay Ramani, Rajan Sharma, Raman Seth and Bimlesh Mann

Second Prize

Assessment of 3D Printability of sweetened heat desiccated concentrated milk-based formulations for preparation of dairy sweetmeat (Burfi)

Deepak Vats, Kaushik Khamrui, Writhdhama Prasad, Jatindra K Sahu and Satheeshkanth SSM

DAIRY PRODUCTION

First Prize

Development of a lightweight deep learning model for the identification and classification of Indigenous cattle breeds

Shruti Arya, Indu Devi, Divyanshu Singh Tomar, Man Singh, TK Mohanty, Radhika Warhade and Anshul Gautam

Second Prize

Characterization of COX-2 gene using RNA based

technique in endometrial epithelial cells of buffalo (*Bubalus bubalis*)

Dayal Nitai Das, Praveen Kumar, Dipankar Paul, Shanmugapriya Gnanasekaran, S Mondal, Avantika Mor, K. P. Ramesha and M. Sivaram

ECONOMICS & EXTENSION

First Prize

Economic impact of COVID-19 pandemic on milk unions and milk vendors

Abhijit Das, Sahin Aktar Munshi, Shivaswamy GP, Gunjan Bhandari, Somasekaran Subash, Mc Arunmozhi Devi, Anil Kumar Dixit and Muniandy Sivaram

Second Prize

Impact of Dairying on Livelihood Security of Dairy Farmers in Aspirational Districts of Karnataka

Abhishek, K.M Somasekaran Subash, Devi, M.C.A and Muniandy Sivaram

Adaptation strategies to climate change followed by the Murrah Buffalo farmers of Haryana

Manjunath K V, Sanjit Maiti, Sanchita Garai, D Anilkumar Reddy, Siddesh Zade, Gautam Mondal, Mukesh Bhakat and Anjali Aggarwal

INDIAN DAIRYMAN

TECHNICAL ASPECTS

First Prize

Ultra-Structure - A Tool for Quality Control of Dairy Products

Priyanka Suvera, Atanu H. Jana and Ankit Bihola

Second Prize

Genomic Selection Worldwide: Exploring India's Path Forward

V.N. Sahana, Kashif D. Khan, Ashish Yadav, Gopal R Gowane, Vikas Vohra and Rani Alex

COMMERCIAL ASPECTS

First Prize

Practices for Energy Conservation and Sustainable Innovations at Vidya Dairy

D.R. Shah, Akshay Patel, Raj Patel and Ajay Zala

Second Prize

Global Dairy Subsidies: Inequality and Sustainability Rhetoric

Kuldeep Sharma

The Dairy Dilemma: Why India Leads in Production but Lags in Exports

Gunjan Bhandari, Subhasis Mandal and Udit Chaudhary