

विद्या डेरी



Vidya Dairy



SUSTAINABILITY REPORT 2023-24



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1. INAUGURAL SUSTAINABILITY REPORT 2023-24



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We are pleased to introduce our inaugural Sustainability Report for the Financial Year 2023-24. At Vidya Dairy, we take immense pride in aligning our projects with both national regulatory requirements and international best practices. From the year 1994 to 2024, Vidya Dairy has given 1,503 trained dairy professionals and conducted training programs for 13,064 industry professionals who have contributed immensely towards dairy development in India and abroad as well. Our unwavering commitment to sustainable dairy development bridges the gap between rural and urban areas, ensuring the highest standards.



Vidya Dairy strives to harmonize its practices with the United Nations Sustainable Development Goals. Our aim is to achieve excellence in dairy development while addressing environmental concerns, promoting inclusive growth, and upholding good governance.

Our report provides a comprehensive overview of Vidya Dairy's operational nature, stakeholder engagement, and environmental and social responsibility and governance initiatives. The scope of assurance is limited to directly controlled procedures, processes, and projects of Vidya Dairy. Contractors, vendors, suppliers, and other third-party activities are not included in this report.

While this is our first report, any significant changes from previous reporting periods will be addressed in subsequent reports. The data presented covers the period from April 1, 2023, to March 31, 2024, unless otherwise stated.

We value your feedback and suggestions. Please feel free to share them with us at the provided address.

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About Vidya Dairy

Excellence is not a destination; it is an ongoing journey. The vision for Vidya Dairy was conceived by the Father of the White Revolution, the late Dr. Verghese Kurien. Established in the year 1994, Vidya Dairy provides comprehensive, one-year “Hands-on Training” for B.Tech. (Dairy Technology) students from SMC College of Dairy Science, Anand. During their fourth year, students undergo a 365-days training program, adhering to the principle of “Learning-by-Doing.” This approach equips students with practical skills and experience, contributing to the Indian dairy sector’s goal of becoming atmanirbhar (self-reliant) and sustainable.

Dr. Kurien’s vision led to the creation of Vidya Dairy, where students receive hands-on training in a commercial dairy environment, closely mirroring operations in large cooperative dairies. Vidya Dairy operates independently, processing milk sourced from Amul Dairy while ensuring the highest standards of product quality and safety. The dairy’s activities are designed to maintain financial viability while fulfilling its primary mission of student training—setting it apart from other commercial dairies.

Vidya Dairy operates with an installed capacity of 200,000 liters of milk per day, offering hands-on training through 12 comprehensive modules that cover various aspects of dairy production, engineering, quality assurance, accounts, marketing, and administration. Students gain experience across multiple facilities, including the Amul Dairy Plant in Anand, the Amul Chocolate Plant in Mogar, and the Mansinh Institute of Training in Mehsana.

In addition to student training, Vidya Dairy significantly contributes to the Indian dairy industry by organizing various short-term training programs for dairy professionals. Beneficiaries include participants from cooperatives, government bodies, and private industries like IDMC, GEA, L&T, and Tetra Pak, from across India and abroad. These programs are developed by experienced faculty from SMC College of Dairy Science, in collaboration with guest experts from the industry, and are tailored to meet the specific needs of modern dairy operations.

Our Vision

Our vision is to excel in training professionals for the dairy industry by bringing them in touch with the emerging new technologies.

Mission

To achieve the above vision, we organize elaborate hands-on-training programme for the students of SMC College of Dairy Science, Anand and for working professionals from the industry. This requires manufacturing of dairy products by the use of modern dairy processes and green technology.

Objectives

- I. Impart hands-on-experience of dairy business to the graduating B. Tech (Dairy Technology) Students.
- II. Inculcate Quality, Productivity and Energy Efficiency Culture among the graduating students
- III. Contribute towards Product and Process Development
- IV. To impart various special technical knowledge (short-term training programs) to practising dairy professionals across the country and neighbouring countries in the subjects of Dairy Technology, Engineering and Quality Control.



Message from Chairperson



Message from the Chairperson



As I reflect on the activities of Vidya Dairy over the past year, it brings me immense pleasure to share that our focus on Dairy Sustainability has been exceptional and aligned with our mission. We understand that sustainable dairy development relies heavily on a comprehensive approach encompassing education, research, extension, and training.

Vidya Dairy, managed by a team of highly competent and committed professionals, continues to uphold its unique status at all levels. This involves incorporating Total Quality Management (TQM) activities to instill the principles of quality, productivity, and energy efficiency in an eco-friendly environment among the fourth-year B. Tech. (Dairy Technology) students of SMC College of Dairy Science, Anand. This year, 68 students received extensive training in various domains, including production, quality, maintenance, finance, and marketing.

These programs cover various aspects of the dairy industry, from raw milk procurement to final product dispatch, helping professionals update their knowledge and skills. Vidya Dairy also offers tailor-made training programs based on organizational needs. In research and development, Vidya Dairy has been instrumental in developing new dairy products and technologies. It has successfully transferred process technologies to other unions and launched products like Amul Ice-cream, Amul Frozen Paneer, Amul Mozzarella Cheese, and Amul Kadhi Dahi. Vidya Dairy remains committed to producing well-trained dairy professionals and developing novel dairy products and technologies, continuing its legacy since 1994.

Vidya Dairy's relentless pursuit of excellence has been recognized with numerous awards this year. I commend the efforts of our team for their remarkable achievements and encourage them to maintain this momentum.

I extend my heartfelt gratitude to the Board of Directors for their guidance, and to my colleagues at Vidya Dairy for their unwavering cooperation. Together, we will continue to strive for excellence and achieve our goal of Dairy Net Zero.

Dr. Suneeta V. Pinto
Chairperson

2. VIDYA DAIRY'S ESG INITIATIVES



Vidya Dairy is deeply committed to sustainability and environmental responsibility. Our operations emphasize Total Quality Management (TQM), focusing on quality, productivity, and efficient energy use in an eco-friendly environment. We ensure compliance with Food Safety and Standards Authority of India (FSSAI) regulations and are certified for ISO 22000:2018 and ISO 9001:2015, reflecting our strong commitment to food safety and quality.

Adoption of Green Technology and Modern Dairy Processes

As part of our mandate, Vidya Dairy actively adopts modern dairy processes and green technologies. Our training programs for students and industry professionals incorporate sustainability principles, ensuring that future dairy leaders are well-versed in environmentally friendly practices. Sustainability is integrated into our mission and serves as a core aspect of our educational and operational framework.



Vidya Dairy Premises

Environmental Interventions

Vidya Dairy has implemented several key environmental initiatives to promote sustainability and protect the environment. A major effort includes the operation of an Effluent Treatment Plant (ETP), which treats wastewater and reuses it for garden irrigation, contributing to the greenery and eco-friendliness of the premises.

In managing waste, including water, air emissions, and solid waste, Vidya Dairy has maintained full compliance with Gujarat Pollution Control Board (GPCB) regulations. We are proud to have adopted ISO 14001:2015 Environmental Management Systems, reinforcing our commitment to adhering to legal environmental standards set by GPCB and other governmental bodies.

Zero Effluent Discharge and Energy Efficiency

Vidya Dairy is recognized as a "Zero Effluent Discharge Unit," equipped with state-of-the-art engineering and utility systems. To further reduce our environmental footprint, we utilize an LPG-fired boiler that minimizes emissions. We have invested in energy-efficient equipment and embrace renewable energy sources, such as solar power.

Several energy-saving initiatives include:

- Generating hot water from hot ammonia gas through a de-superheater.

- Utilizing heat from the condenser of the Dahi cold store system to maintain incubation temperatures.
- Preheating boiler feed water and CIP (Clean-in-Place) water using a solar parabolic disc.

Water Conservation and Rainwater Harvesting

Water conservation is a critical focus for Vidya Dairy. Under the RKVY scheme, we have implemented a rainwater-harvesting project involving 11 wells, each with a depth of 50 meters, designed to recharge groundwater based on the unique geological conditions of the Anand region.



Rain water harvesting at Vidya Dairy

Engagements in Environmental Sustainability

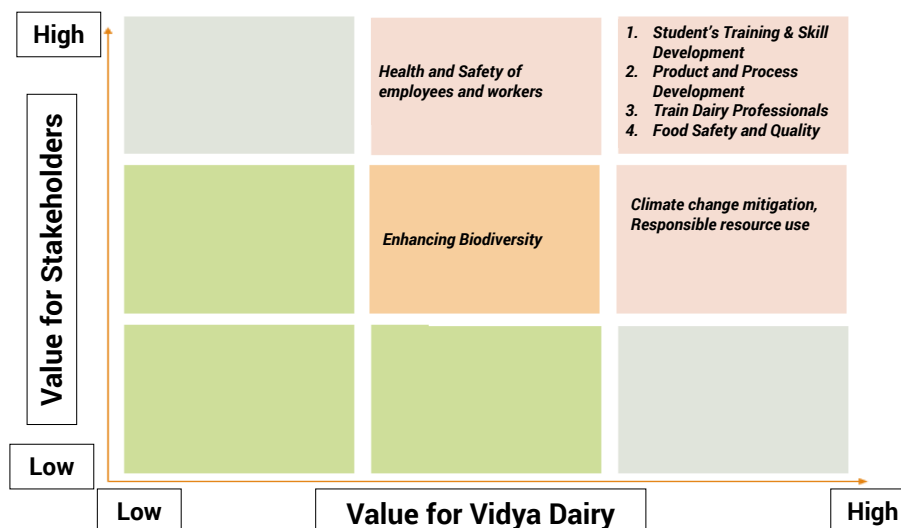
Every year, Vidya Dairy organizes tree plantation events on occasions such as Environment Day, Independence Day, and Republic Day. This year, as in previous years, both staff and students actively participated in planting saplings, reinforcing our commitment to environmental stewardship.



Tree Plantation on Environment Day and on Independence Day

Materiality Assessment

A materiality assessment is the process of identifying and prioritizing the social, environmental, and economic issues most significant to an organization and its stakeholders. Vidya Dairy uses this approach to focus its strategies and reporting on the risks and opportunities that matter most, enabling continuous improvement.



Vidya Dairy identifies and prioritizes the issues most important to its stakeholders, aligning efforts to maximize positive social, environmental, and economic impact.

Training and Capacity Building

Vidya Dairy's training programs play a critical role in enhancing the skills and knowledge of dairy professionals, leading to better job opportunities and improved income prospects. From April 2023 to March 2024, Vidya Dairy conducted 41 short-term training programs, training 1,056 candidates. Since 1994, Vidya Dairy has trained 1,503 dairy professionals and provided training for 13,651 industry professionals from both India and abroad.

Product and Process Development

As a small yet innovative dairy plant with dedicated technical personnel, Vidya Dairy is a chosen center for conducting trials of new dairy products. Once perfected, these products and standardized techniques are transferred to dairy unions for large-scale production.

Food Safety and Quality

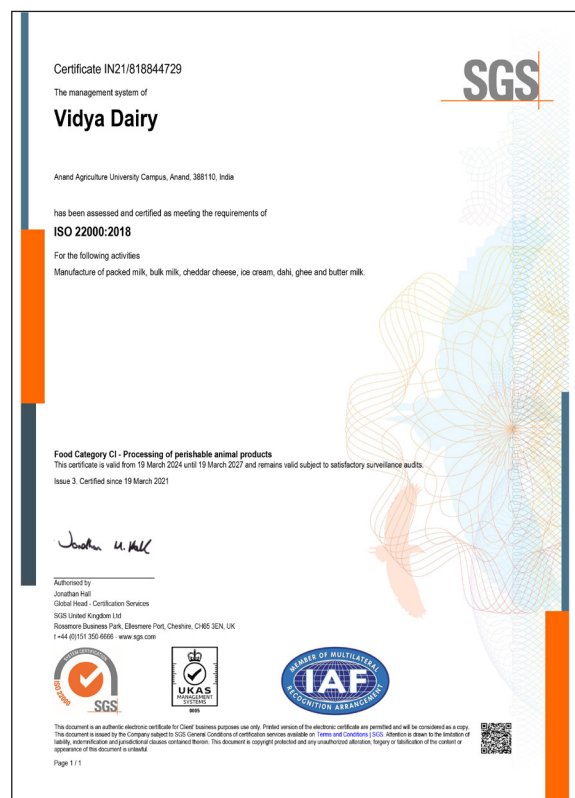
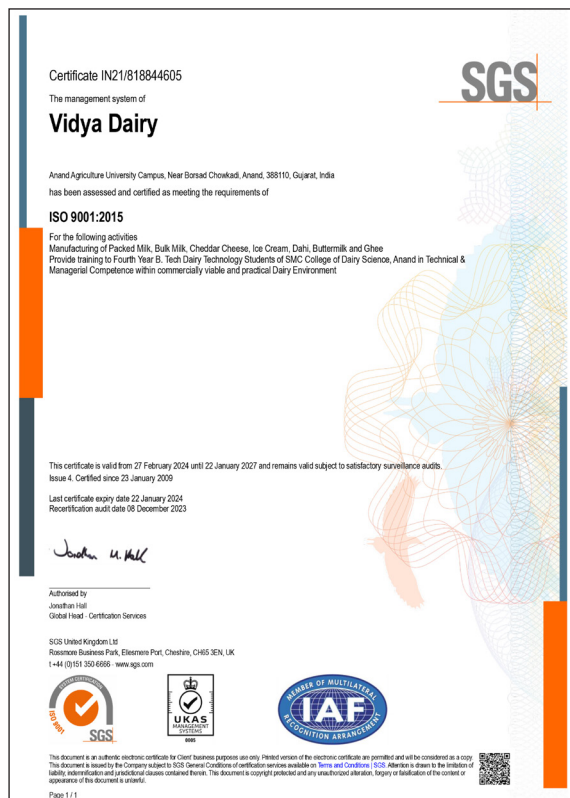


Vidya Dairy places the utmost importance on food safety and quality by strictly adhering to Good Manufacturing Practices (GMP), Good Hygiene Practices (GHP), and Hazard Analysis and Critical Control Points (HACCP). These measures ensure 100% compliance with Food Safety and Standards Authority of India (FSSAI) guidelines. The dairy's commitment to quality is reflected in its impressive score of 105 out of 106 in the FSSAI third-party audit on food safety and quality parameters. Vidya Dairy's ISO 22000:2018 certification further highlights its dedication to maintaining the highest standards in food safety.



1. **GHP (Good Hygiene Practices):** GHP emphasizes hygiene management throughout the food supply chain. It includes practices related to cleanliness, sanitation, and safe handling of food. GHP ensures that food remains safe from farm to fork.
2. **GMPs (Good Manufacturing Practices):** GMPs focus on quality management during food production. These principles address the manufacturing process, product quality, and safety. Compliance with GMPs ensures consistent and safe food production.
3. **HACCP (Hazard Analysis and Critical Control Point):** HACCP is a systematic approach to identifying, assessing, and controlling food safety hazards. It involves analysing critical control points in the production process to prevent, eliminate, or reduce risks.

Key Achievements & Highlights



Vidya Dairy is accredited with certification of ISO: 9001:2015 and ISO: 22000:2018

Awards for Good Housekeeping Practices



Vidya Dairy won GHKC Green Env Contest

2nd Runners-up Award in Good House Keeping Contest for the year 2016-17 organized by Baroda Productivity Council, Vadodara 2016-17

Certificate of Excellence & Winner Trophy for being winner of Good Housekeeping Green Environment Contest, Baroda Productivity Council 2022-23

Certificate of Excellence & Trophy by Baroda Productivity Council for being 1st Runner up in GHKC GreEnv Contest in the category of Food & Pharma sector 2019

Awards for Quality in Operations

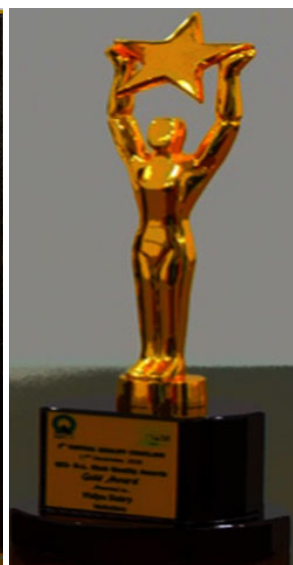
Rajiv Gandhi National Quality Award
Commendation Certificate 2003

IMC Ram Krishna Bajaj National Quality
Award 2006

D L Shah Quality Awards 2020 for the project
entitled "Establishing extrusion line set up
for Dairy students' training and public utility

Gujarat Quality Leadership Award by World
HRD Congress 2021

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D L Shah Quality Awards-2020 for the project entitled "Establishing extrusion line set up for Dairy students' training and public utility"

Health and safety of employees and workers

Ensuring the health and safety of employees and workers is also a priority for Vidya Dairy. The dairy is an ISO 45001:2018 certified organization, meeting all requirements for a safe workplace. Regular safety audits are conducted to maintain high safety standards. Additionally, routine medical check-ups and vaccinations are provided to keep employees and workers healthy. These measures reflect Vidya Dairy's dedication to creating a safe and healthy working environment for all its staff.



Vidya Dairy is accredited with certification of ISO: 45001:2018

ENVIRONMENTAL STEWARDSHIP

3. ENVIRONMENTAL STEWARDSHIP



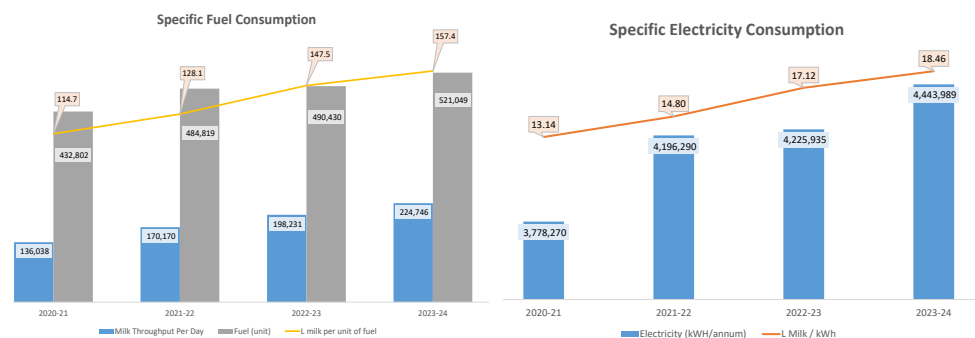
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At Vidya Dairy, our commitment to environmental sustainability is reflected in every aspect of our operations. We continuously strive to minimize our environmental footprint by focusing on energy conservation, water management, emissions reduction, and waste management, while also actively contributing to biodiversity conservation. Our initiatives align with our long-term goals of reducing resource consumption and enhancing sustainability across all operational processes.

SUSTAINABILITY INITIATIVES

Energy Management and Conservation

Vidya Dairy has made concerted efforts in conserving energy within dairy processing by focusing on innovative heat recovery systems, reducing fuel consumption, and optimizing energy usage. Below are some key projects:



Heat Recovery from Ammonia Gas : Vidya Dairy has successfully implemented a Heat Recovery System that captures waste heat from hot compressed ammonia gas in the refrigeration section. This system incorporates an ammonia desuperheater, which effectively recovers heat to preheat boiler feedwater from an initial temperature of 30°C to 65°C. By preheating the feedwater, we significantly reduce the energy required for steam generation in boilers. This initiative has yielded impressive results, leading to fuel savings of approximately 28,000 kg of LPG annually, which equates to a 7% reduction in total LPG usage, translating into 281 million kcal of energy savings every year. This energy-saving measure supports a daily steam production of approximately 23,000 kg, making our operations more efficient and sustainable.



Ammonia Desuperheater

Cheese Whey Heat Recovery:



Cheese Whey PHE

Another vital project is the recovery of heat from cheese whey. In our Cheese Section, the residual heat from outgoing whey is now used to warm the incoming milk, eliminating the need for traditional steam or hot water to heat the cheese milk. This approach has resulted in an 80% reduction in the overall steam requirement for the Cheese Section, saving about 1,010 million kcal annually. In addition, this process has decreased the electrical energy consumption needed to chill the outgoing whey from 39°C to 4°C, further optimizing energy use in the production process.

Installations of VFDs:

In addition to these heat recovery systems, Vidya Dairy has implemented Variable Frequency Drives (VFDs) on most of its compressors and motors. These VFDs allow equipment to operate at variable speeds, ensuring that energy consumption is closely aligned with real-time demand. This not only helps reduce overall electricity consumption but also minimizes peak demand charges and extends the lifespan of equipment by reducing mechanical wear and tear through smoother operations.

By employing such advanced technologies, Vidya Dairy optimizes energy consumption, reduces operational costs, and lowers the environmental impact of its production processes.

Water Management and Conservation

Water conservation is a critical focus area for Vidya Dairy. Through consistent and incremental efforts, we have successfully reduced water withdrawal from groundwater reserves by 14%. Our operations maintain a water consumption to liquid throughput ratio of 1.13*, which is a commendable achievement in the dairy industry.

The liquid throughput includes Milk, Buttermilk and 25% of total cheese whey processed at Vidya Dairy. *water-to-liquid processing ratio varies among dairies depending on product mix, plant size, and level of automation.

Effluent Treatment and Reuse: Vidya Dairy ensures that 100% of its dairy wastewater undergoes comprehensive treatment at our Effluent Treatment Plant (ETP), where it is treated using anaerobic and aerobic processes. The treated effluent is reused for irrigating the gardens within the dairy premises, contributing to water conservation and maintaining the greenery on campus. Attempts were also made to use this tertiary treated water in toilets as flush water.

Rainwater Harvesting: Vidya Dairy has also implemented an advanced Rainwater Harvesting (RWH) system to reduce dependency on groundwater. This system comprises 11 rainwater harvesting and recharge wells, along with 2 piezometer wells, which comply with the Central Ground Water Authority (CGWA) requirements. This RWH system facilitates the collection, conservation, conveyance, and storage of rainwater, which helps in recharging the groundwater table. This initiative not only addresses groundwater depletion but also enhances water availability for future needs.



Recharge well

Water Mapping and Flow Monitoring:

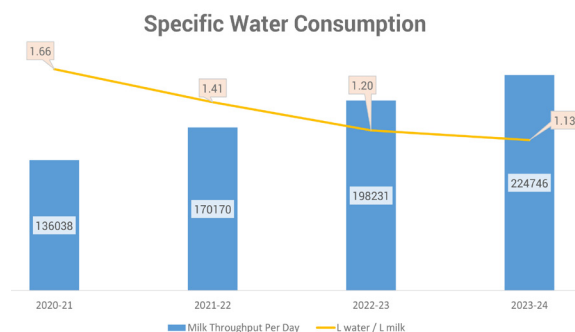
As part of our continuous effort to optimize water usage, Vidya Dairy has undertaken a project for Water Mapping and Installation of Water Meters. This project maps the entire water flow from bore wells to the ETP, identifying specific water usage points and types of water being used at each section of the facility. Electromagnetic flowmeters have been installed at critical points to monitor water consumption accurately. This real-time data helps us optimize water usage, reduce wastage, and enhance operational efficiency.

Vidya Dairy has also aggressively implemented an in-house-designed Complete CIP (Cleaning-in-Place) Return System for all our packaging machines used for Milk, Buttermilk and curd. This system has been

highly effective in reducing water, chemical, and energy consumption, while also cutting down on manpower requirements.



Milk Packaging



Emissions Reduction

The primary sources of emissions at Vidya Dairy are the result of fuel combustion in boilers and electricity use in plant operations, including the Effluent Treatment Plant.

Fuel Combustion:

Vidya Dairy has adopted LPG as the primary fuel for its boiler operations, replacing heavier fuels like Fuel Oil (FO) and Light Diesel Oil (LDO). LPG was chosen due to its higher calorific value and lower carbon footprint. This transition has resulted in cleaner combustion processes, aligning with our sustainability goals by significantly reducing emissions.



LPG Gas Skid



Concentrated Solar Thermal system (CST)

Electricity Consumption:

To meet the energy demands of our dairy processing plant and ETP, Vidya Dairy consumes approximately 4,443,989 kWh of electricity purchased from the grid annually. This results in emissions of around 4,310.07 tCO₂e. However, if all of our electricity needs were met through renewable sources like solar energy, we could potentially reduce these emissions by the same amount, significantly contributing to our environmental sustainability objectives. Efforts are being made to Identify the space for installation of Solar Panels as currently maximum available space is utilized by Solar Parabolic Disc system used for hot water generation.

Vidya Dairy's use of advanced technologies such as VFDs and heat recovery systems further reduces electricity consumption and helps mitigate emissions. Our continued focus on adopting cleaner energy sources and improving energy efficiency across operations demonstrates our strong commitment to reducing our carbon footprint.

Waste Management

35.478 MT of plastic waste generated was entirely recycled through Extended Producer Responsibility (EPR) initiatives, while 0.02 MT of e-waste was similarly recycled. There were 3.04 MT of other hazardous waste generated, all of which were also recycled or handled through GPCB suggested protocols. Additionally, 61.132 MT of other non-hazardous waste was generated and managed appropriately. No waste from categories such as bio-medical waste, construction and demolition waste, battery waste, or radioactive waste required incineration or landfilling. This comprehensive waste management strategy underscores a commitment to recycling and minimizing environmental impact across various waste categories.

Extended Producer Responsibility (EPR) is an environmental policy approach that holds producers accountable for the entire lifecycle of their products, especially during the disposal phase. Essentially, manufacturers are responsible for collecting and recycling their products once they reach the end of their useful life. In India, the Central Pollution Control Board (CPCB) issues EPR licenses to various producers.

Key Achievements in the field of Energy Conservation.



"ENFUSE" National Silver Award" for Energy Efficiency Excellence by Energy and Fuel Users' Association of India (ENFUSE), Chennai



Recipient of the National Energy Conservation Award Commendation Certificate in recognition of the efforts in Energy Conservation in the Dairy Sector



Gujarat Cleaner Production Award & Cash prize of Rs. 50,000/- based on Cleaner Production Implementation from Forest & Environment Department, Government of Gujarat



Further to reciprocate EPR i.e. Extended Producer Responsibility Initiatives, Vidya Dairy in association with GCMF organized one-day workshop on "Recent changes in the Plastic Waste Management Rules and Ensuring Compliances" (EPR) by Environment Consultant, Shri Abhishek Garg, A. A. Garg & Co, Mumbai on 23rd March, 2024.



Workshop on "Recent changes in the Plastic Waste Management Rules and Ensuring Compliances" (EPR)

Biodiversity Conservation Efforts

Vidya Dairy has demonstrated a strong commitment to biodiversity conservation through various tree plantation initiatives on its campus. As part of our ongoing environmental stewardship, the dairy focuses on enhancing greenery, improving air quality, and contributing to the overall health of the ecosystem.

Tree Plantation Initiatives: As of 2023, Vidya Dairy proudly maintains a count of 637 trees across its campus. During the year 2023-24, we intensified our plantation efforts, adding 980 new trees to our green cover. These efforts are part of our broader sustainability strategy, aiming to make Vidya Dairy a more eco-friendly and vibrant space. Our commitment to biodiversity doesn't stop there. We have set an ambitious target of planting an additional 400 trees in the 2024-25 period, further enriching the natural environment on campus.

Collaborative Plantation Drives: Vidya Dairy believes in fostering partnerships to strengthen its environmental initiatives. We actively collaborate with other agencies and stakeholders to conduct tree plantation drives on significant occasions such as Republic Day, Independence Day, National Milk Day, and Vidya Dairy Day. These events are not only a celebration of our heritage and achievements but also a platform to reinforce our commitment to environmental conservation.

Through these collaborative efforts, we engage staff, students, and external partners in planting trees within the dairy campus, creating a sense of shared responsibility for environmental well-being. These plantation drives also serve to raise awareness about the importance of ecological balance, promoting a culture of sustainability among all participants.



Motivational training by Sh. Devraj Chaudhary Sir



Tree plantation on independence day

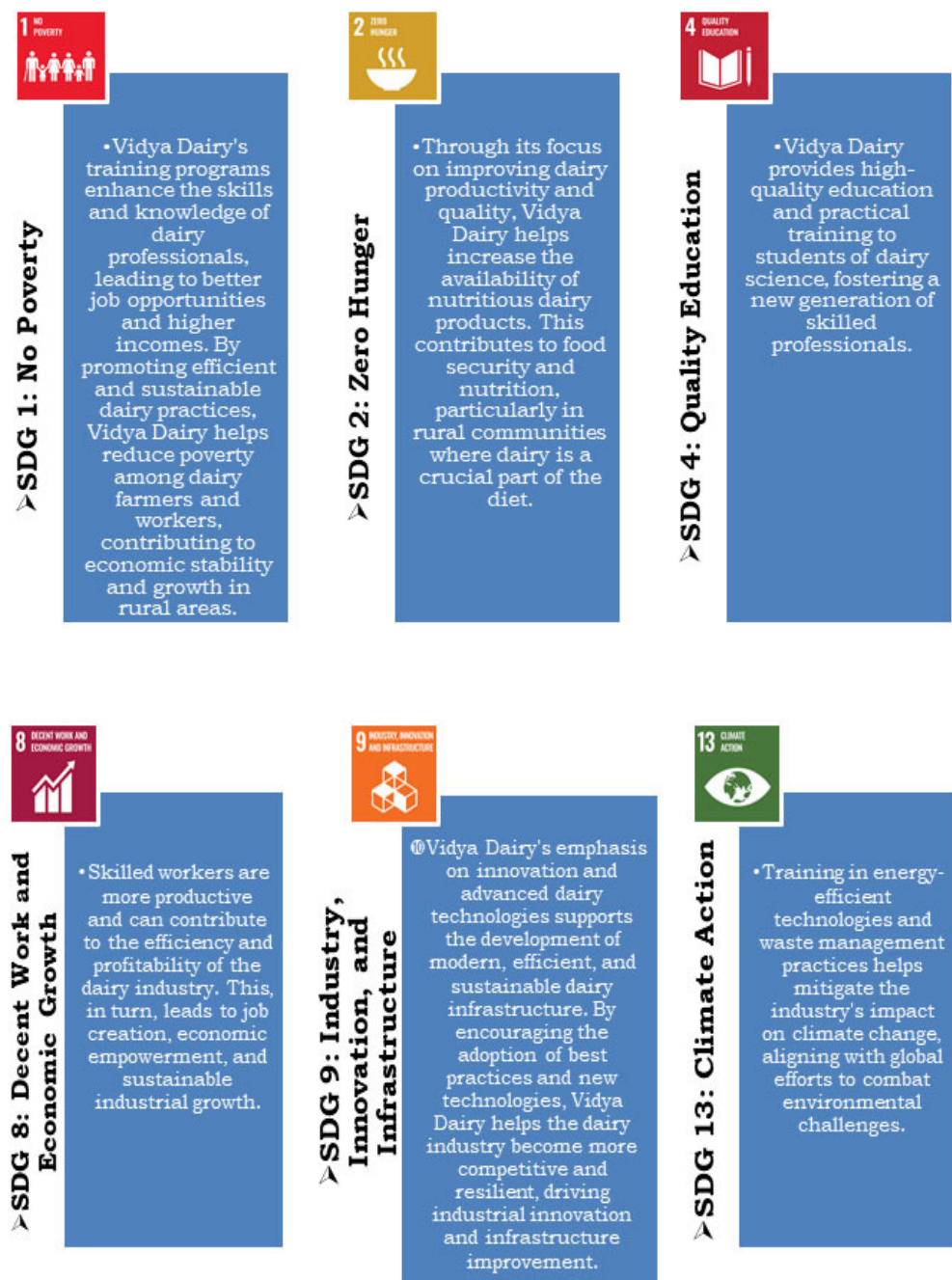
SOCIAL RESPONSIBILITY

4. SOCIAL RESPONSIBILITY



Education and Training Initiatives

From April, 2023 to March, 2024 Vidya Dairy had offered 47 short term training programmes and had trained 1,110 candidates. From the year 1994 to 2024, Vidya Dairy has given 1,503 trained dairy professionals and conducted training programs for 13,064 industry professionals of the Dairy Industry from India and abroad. By focusing on skill development, innovation, and sustainability, Vidya Dairy aligns its efforts with the following SDGs:





Hands – on – training to students on Milk Packaging

Apart from Hands-on-training, students have undergone training cum awareness program on various following topics;

- **ISO: 9001:2015, ISO and Allergen Awareness, GMP & GHP Awareness Training** (Duration: 1 day; Participants: All students): This program improved students' understanding of quality management systems, food safety protocols, and allergen control measures. **Benefit:** Students enhanced their knowledge of international standards. **Outcome:** Better preparedness for roles in quality assurance and food safety management.
- **ISO: 22000:2018 Updation and Implementation Training** (Duration: 2 days; Participants: All students): A comprehensive training session on the latest updates in food safety management systems. **Benefit:** Knowledge of updated standards and practices. **Outcome:** Prepared students to implement and maintain ISO 22000:2018 standards in food processing environments.
- **Training on TQM and 7QC Tools** (Duration: 3 days; Participants: All students): Focused on Total Quality Management and quality control tools. **Benefit:** Students learned techniques to identify and solve quality issues.
- **Outcome:** Ability to contribute to process improvements in dairy production.
- **Operation & Maintenance of Dairy Equipment Training at MIT, Mehsana** (Duration: 5 days; Participants: All students in four batches): Hands-on training on the operation and maintenance of dairy processing equipment. **Benefit:** Improved technical skills and knowledge of equipment management. **Outcome:** Equipped to Enhance efficiency and reduced equipment downtime.
- **Fermented Products Training by AB Source Company, Pune** (Duration: 3 days; Participants: All students in two batches): A specialized training session on the production of fermented dairy products. **Benefit:** In-depth understanding of fermentation processes. **Outcome:** Equipped to innovate in the fermented dairy product market.
- **Participation in the 49th Dairy Industry Conference** (Duration: 2 days; Participants: All students in two groups): Attended a major industry conference. **Benefit:** Networking with professionals and learning from experts. **Outcome:** Increased knowledge of current industry trends and innovations.

- **Amul Dairy Training Program** (Duration: 6 days; Participants: All students in four batches): Included visits to various Amul Dairy facilities. **Benefit:** Exposure to large-scale dairy operations and advanced processing techniques. **Outcome:** Broadened understanding of supply chain and production processes.
- **Motivational Training by Shri Devraj Chaudhary** (Duration: 1 day; Participants: All students in two batches): A session aimed at boosting motivation and confidence. **Benefit:** Improved self-motivation, confidence, and leadership skills. **Outcome:** Enhanced personal development, positively impacting performance and teamwork.
- Other than this, few Students have also been nominated for various other technical training cum exposure visits.

External Training Programmes

In addition to student training, Vidya Dairy contributes to the Indian Dairy Industry by organizing various short-term training programs specifically aimed at

dairy professionals. The beneficiaries of these programs include participants from cooperatives, government organizations, and private industries such as IDMC, GEA, L&T, and Tetra Pak, among others, from across India and abroad.

Experienced faculty from SMC College of Dairy Science, Anand, along with numerous guest faculty members and consultants from the industry, collaborate with Vidya Dairy to design programs that cater to the modern needs of the dairy industry. Additionally, various 'tailor-made' training programs are offered based on the specific requirements of the concerned organizations.

Our training programs include theoretical sessions, followed by hands-on practical sessions. We also offer accommodation in a modest 'Executive Hostel' with boarding facilities on campus, and the charges for the complete package are kept reasonable.

Since September 2004, Vidya Dairy has conducted 683 short-term training programs and trained 13,651 practicing executives from the dairy industry.



"DAIRY VALUE CHAIN" training given to the team of Nigerian Professionals



"Dairy Plant Management" training given to Dairy Professional of Mazoon Dairy, Oman

DETAILS OF EXTERNAL TRAINING PROGRAMMES CONDUCTED

| Sr. No. | Nature of Training | Up to 31.03.2024 | |
|---------|--|------------------|-----------------|
| | | No. of Batches | No. of Trainees |
| 1 | Dairy Technology for Non-Dairy Technologists (in English and Gujarati) | 186 | 3275 |
| 2 | Laboratory Practices in Dairy and Food Plant | 70 | 827 |
| 3 | Technology of Probiotic and Fermented Dairy Products | 34 | 503 |
| 4 | Technology of Mozzarella Cheese | 1 | 12 |
| 5 | Technology of Cheddar Cheese | 1 | 17 |
| 6 | Technology of Processed Cheese | 1 | 8 |
| 7 | Technological and Engineering Aspects of Dairy and Food Plant (for L&T/GEA Training Engineers, Rajkot) | 20 | 234 |
| 8 | New Development in Energy Management of Food and Dairy Operations | 11 | 114 |
| 9 | Coping with Challenges of Environment in Dairy / Food Plant | 1 | 12 |
| 10 | Management of Bulk Milk Cooling System for Village Level Operators (in Gujarati) | 86 | 1552 |
| 11 | Clean Milk Production | 6 | 143 |
| 12 | Sensory Evaluation of Milk and Milk Products | 22 | 319 |
| 13 | Technological and Engineering aspects of Milk Condensing and Drying Plants | 3 | 46 |
| 14 | Technological and Engineering Aspects of Ice Cream Plant | 12 | 195 |
| 15 | Technological and Engineering Aspects of Cheese Manufacturing | 11 | 167 |
| 16 | Advances in Fat-Rich Dairy Products | 5 | 71 |
| 17 | Advances in Automation in Dairy Industry | 3 | 60 |
| 18 | FSSAI Requirements and Pest Management Solution in Food Industry | 1 | 24 |
| 19 | Dairy Plant Operations & Management | | |
| | A Special training for Government of Sikkim | 1 | 17 |
| | B Special Training for Institute of Rural Management (IRMA), Anand | 1 | 17 |
| | C Special Training for College of Applied Food Dairy Technology, Nepal | 2 | 16 |
| | D Dairy Value Chain - A Special Training for Comprehensive Agriculture and Rural Development Facility(CARDF), Afghanistan (New) | 1 | 6 |
| | E Special Training for National Dairy Development Board, Anand (DPM Participants) (New) | 4 | 98 |
| | F Dairy Plant Operation and Management for Kenyan participants sponsored by IL & FS Cluster (New) | 1 | 5 |
| | G Dairy Value Chain - A Special Training for the team of Nigerian Professionals from Department of Animal Husbandry Services, Federal Ministry of Agricultural & Rural Department, Nigeria | 1 | 6 |

| Sr. No. | Nature of Training | Up to 31.03.2024 | |
|---------|---|------------------|-----------------|
| | | No. of Batches | No. of Trainees |
| 20 | ISO-22000-2005 Internal Auditor Training | 5 | 122 |
| 21 | ISO-22000, CIP Principles and GMP | 4 | 153 |
| 22 | Good Manufacturing Practices & Good Hygiene Practices (In-house) | 9 | 458 |
| 23 | ISO:14001:2004 Implementation and Management of ETP in Dairy Industry | 3 | 64 |
| 24 | Outlines of Dairying (Dairy/Laboratory/Dairy Development Board, Kerala) | 7 | 117 |
| 25 | Causing Incredible Performance | 1 | 24 |
| 26 | ISO:22000, HACCP Principles, Interpretation and Application | 2 | 45 |
| 27 | Application of Elementary Statistics in Managing Quality of Products and Services (New) | 2 | 34 |
| 28 | Packaging Technology for Milk and Value Added Milk Products (New) | 1 | 22 |
| 29 | Applying Project Management Skills in Dairy and Food Sector | 1 | 22 |
| 30 | Detection of Adulteration of Milk | 193 | 343 |
| 31 | ISO-50001 Appreciation and Interpretation (Energy Management Systems) | 1 | 23 |
| 32 | DCS Secretary Training | 2 | 38 |
| 33 | Value Addition in Indigenous Dairy Products | 5 | 69 |
| 34 | Dairy Supervisor | 6 | 81 |
| 35 | Hands on Training for Academic and Technical Staff of Dairy Science Colleges | 1 | 3 |
| 36 | Marketing of Liquid Milk (Pouched Milk) and Fresh Products | 5 | 123 |
| 37 | Appreciation course for ISO:9001:2015 and ISO:14001:2015 | 1 | 19 |
| 38 | Hands-on-training to students of Development Management Institute (DMI), Patna | 4 | 40 |
| 39 | Technological and Laboratory aspects of Dairy Plant (for Nepal Participants) | 1 | 16 |
| 40 | Awareness cum Implementer course on ISO 9001:2015 | 1 | 19 |
| 41 | Awareness cum Implementer course on ISO 22000 | 1 | 19 |
| 42 | "Cheese Making" organized by GCMMF and Vidya Dairy in association with DSM | 1 | 30 |
| 43 | Dairy for Non-Dairy Professionals | 3 | 77 |
| 44 | CIP and Water Management in Dairy Industry | 1 | 25 |
| 45 | FoSTaC | 5 | 226 |
| 46 | Training on different Streams in Dairy plant | 1 | 2 |
| 47 | Processed Cheese | 1 | 29 |
| 48 | Technological aspects of Cheese Making | 1 | 11 |
| 49 | FSSC 22000 | 2 | 54 |
| 50 | Study Tour for Farmers of Heritage | 1 | 10 |

| Sr. No. | Nature of Training | Up to 31.03.2024 | |
|---------|--|------------------|-----------------|
| | | No. of Batches | No. of Trainees |
| 51 | Awareness Programme on ISO 22000:2018 | 2 | 43 |
| 52 | Laboratory Aspects of Dairy & Food Plant | 5 | 67 |
| 53 | SAP-Human Capital Management | 1 | 24 |
| 54 | Toilet Area Hygiene, Concepts of Sanitization and various SOPs | 1 | 16 |
| 55 | Dairy Plant Management | 1 | 17 |
| 56 | Milk Tester | 2 | 29 |
| 57 | SAP-Finance & Controlling (SAP-FICO) | 3 | 86 |
| 58 | Learn to Gain - All About Compressed Air | 2 | 57 |
| 59 | SAP for Sales & Distribution | 2 | 66 |
| 60 | In Plant Training on Milk & Milk Products | 2 | 48 |
| 61 | SAP for Materials Management (SAP-MM) | 3 | 88 |
| 62 | Animal Husbandry and Dairy Farm Management for Non-veterinarian | 4 | 152 |
| 63 | SAP for Production Planning & Quality Management (SAP - PP & QM) | 1 | 66 |
| 64 | Awareness Training Program on Covid-19 Awareness, GMP, GHP and ISO (Online & Onsite) | 29 | 1573 |
| 65 | PoSH | 1 | 37 |
| 66 | Technology of Cheese (Online) | 1 | 20 |
| 67 | FSSC V.O. (Online) | 1 | 69 |
| 68 | ISO 22000:2018 Updation and Implementation (Online) | 4 | 151 |
| 69 | Detection of Adulterants in Milk and Milk Products | 2 | 44 |
| 70 | CIP/COP and Water Management in Dairy Industry | 2 | 126 |
| 71 | Operation & Maintenance of Boiler | 1 | 63 |
| 72 | SAP for Cooperative Services (SAP-CS) | 1 | 11 |
| 73 | Exposure of Dairy Industry and visit of different Dairy Plants | 2 | 19 |
| 74 | Technical Presentation on Rapid CHROMagar Microbiology sampling | 1 | 29 |
| 75 | Understanding CPCB new Guidelines & feature of CPCB EPR Portal | 1 | 50 |
| 76 | Awareness Training Program on Occupational Health & Safety Management System (OHSE) ISO 45001 : 2018 | 2 | 59 |
| 77 | SAP for Animal Husbandry (SAP-AH) | 1 | 16 |
| 78 | Dairy Products Manufacturing and Plant Operations | 1 | 13 |
| 79 | Improving Managerial Communication and Developing Effective Presentation Skills | 1 | 23 |
| | Total | 683 | 13651 |

Awards For Skill Development



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National Award for Excellence in Training & Development by World HRD Congress 2020



Best Skill Development of Gujarat Training & Development Leadership Awards by World HRD Congress 2018, 2019



Assocham Food Processing, Agribusiness & Dairy (FAD) Excellence Award in the category of Skill Development, by Assocham 2014-2019



Health and Safety

The Total Reportable Frequency Rate (TRFR) was zero, indicating no reportable incidents. There were **no fatal accidents**, and the workplace had 74 employees and 150 contractors onsite. Both direct employees and contractors reported **zero Lost Time Injuries** (LTIs). Occupational illness frequency rate (OIFR) for direct employees was also zero.

Vidya Dairy has implemented various safety measures to ensure a secure working environment. We have installed smoke detectors and fire suppression systems in electrical panels.



The Occupational Illness Frequency Rate (OIFR) quantifies the frequency of occupational illnesses in a workplace, measured per 200,000 work hour. It helps assess the effectiveness of health and safety programs and identify areas needing improvement.

The Total Recordable Incident Rate (TRIR) measures workplace injuries, illnesses, and incidents requiring medical treatment beyond first aid, also per 200,000 work hours. It provides a standardized measure of safety performance and helps organizations identify and mitigate safety risks.

Both OIFR and TRIR are crucial for monitoring and improving workplace health and safety.

Piping and tubing under electrical panels melt at high temperatures to activate the temperature control mechanism. Fire detection and suppression systems are in place, and workplace hazards associated with ammonia handling have been eliminated by replacing the old plant with new infrastructure adhering to the latest safety protocols. Vidya Dairy uses superior quality PPEs, conduct tool box talks, and take precautions in areas exposed to potential boiler explosions. Safety week celebrations, sprinklers in areas prone to ammonia leakage, and gas leak detectors at strategic locations further enhance safety. PPE is available and used in high-risk areas, mock drills are conducted regularly, and fireproof lighting is installed where required. No complaints were received regarding working conditions and health and safety. The entire plant and office premises of Vidya Dairy have been assessed by statutory authorities regarding safety protocols.



Demonstration and Training on Safety Equipment

'Safety Week Celebration' was arranged during March, 2024. The students and workers were briefed about the safety equipment, especially on how to use various

Fire Fighting devices, Oxygen Mask, etc. along with imparting practical training by the Safety and Engineering team of Vidya Dairy

Firefighting system

For fire safety, Vidya Dairy has installed fire safety system to perform firefighting activity in order to extinguish any potential fire (hazard) that may occur in the dairy premises.



Fire extinguishers in plant for Fire Safety System

Fire Conventional Alarm System, to sense and to detect the Smoke / Fire / Heat at the locations where the potential fire may occur were installed. Such devices give an indication of emerging calamity through Alarm and by sounding Siren at the specific areas.

For the safety of entire work force and work place twice in a year two mock drills are carried out in which preparedness while dealing with any kind of emergency is verified and evaluated.



Mock drill

To strengthen the safety protocols as per ISO: 45001:2018, demonstration of special safety devices along with their application was show cased for the students and staff members.

By performing all such activities, Vidya Dairy has been inculcating culture of environment protection and safety awareness in the minds of the students, employees and workers to make them responsible towards Environment Protection and Safety.

Awareness course on occupational health & safety management system (OHSE) iso: 45001:2018




Vidya dairy arranged 2 days Training program on "Awareness Course on Occupational Health & Safety Management System (OHSE) ISO: 45001:2018"

Key Achievements





National Safety Award 2018

Awards for Safety





National Safety Award by Ministry of Labour & Employment for Lowest Average Frequency Rate & for Accident Free Days 2004-2018







Certificate of Appreciation by Gujarat Safety Council for all the Accident Free Days 2003






Gujarat Safety Award by Gujarat Safety Council 2000-2002





"Certificate of Appreciation for the year 2003" by Gujarat Safety Council for all the Accident Free Days 2003



Employee and Worker Welfare

Vidya Dairy provides several measures for employee well-being included health insurance coverage for 100% of permanent employees and 100% coverage for accident insurance. Maternity benefits were provided to 100% of female permanent employees. For workers, hired through HRS were covered by health and accident insurance. Retirement benefits such as PF and gratuity were provided to 100% of employees and workers, with deductions duly deposited with authorities. No grievances related to sexual harassment, discrimination, child labor, forced labor, wages, or other human rights issues were filed during the year.

The Company has in place an Anti-Sexual Policy in line with the requirements of the 'Sexual Harassment of Women' at the Work place (Prevention, Prohibition and Redressal) Act, 2013. All employees (permanent, contractual, trainees, temporary) are covered under this policy. There were no complaints received during the year.

Contribution towards New Product and Process Development by Vidya Dairy

In-spite of being a small dairy plant, it is being chosen as a centre for research and development by GCMML. Moreover, Vidya Dairy has successfully transferred

the process technology to various other Dairy Cooperative unions after successful completion of the research trials. Some of the products which have been launched by GCMML after taking successful trials at Vidya Dairy are:

- Amul Ice Cream (Many varieties of Ice cream Roll cut, kesar kamal and pista dhamaal)
- Amul Diced Frozen Paneer
- Amul Mozzarella Cheese
- Amul Emmental cheese
- Avsar Ladoo
- Amul Kadhi Dahi
- Amul Sour Cream
- Successful trials of Edam Cheese (Exotic cheese variety)
- Avsar Health, Avsar Ladoo, Peda

Apart from new product development, Vidya Dairy has been a pioneer organization in developing/utilizing a number of new technologies that are helpful in terms of energy conservation and improving the process efficiency.

The products and technologies developed by Vidya Dairy has further sharpened the quality dairy education for which Vidya Dairy has been striving since 1994.



Vidya Dairy received Certificate of Appreciation by GCMML for Best Efforts in New Product Development (NPD) in Ice-Cream Range during 28th Amul Ice Cream Hoshin meeting 2023-24 held on 19th December, 2023



CORPORATE GOVERNANCE STRUCTURE

5. GOVERNANCE

CORPORATE GOVERNANCE STRUCTURE



Dr. Suneeta V. Pinto
Chairperson
Principal SMC
College of Dairy Science



Dr. Meenesh C. Shah
Director
Managing Director,
NDDB, Anand



Shri Jayen Mehta
Director
I/C Managing Director,
GCMMFL, Anand



Dr. Amit M Vyas
Director
Managing Director
KDCMPUL, Anand



Shri D R Shah
Director
Managing Director,
Vidya Dairy, Anand

Since the governing body of Vidya Dairy consists of industry stalwarts, it significantly enhances corporate governance. These seasoned professionals bring extensive expertise, strategic vision, and deep industry knowledge. Their collective wisdom ensures robust decision-making, effective risk management, and alignment with industry best practices.

Transparency and Reporting

Several assessments were conducted to evaluate environmental impacts and safety measures within the organization. The Environmental Impact Assessment, facilitated by SGS for ISO 14001:2015 compliance, highlighted a need for better communication regarding significant environmental aspects across departments. As a result, efforts were made to ensure comprehensive communication through email.

In the Safety Audit overseen by Prosafe Process Engineering Pvt. Ltd. – Surat, it was found that domestic AC units were inadequate for continuous 24-hour operation. Consequently, new three-phase industrial AC units with suitable motors were installed to enhance operational safety.

The Energy Audit conducted by Mitcon Consultancy & Engineering Services Limited- Ahmedabad proposed several initiatives, including the feasibility study for a solar power plant, scheduled installation of solar street lights in the upcoming fiscal year, and policies framed for procurement of energy-efficient

motors. Additionally, plans are underway to implement a temperature-based CT fan on/off system in the next fiscal year.

Biodiversity Assessment was deemed not applicable.

These assessments reflect proactive steps taken to address environmental impacts, improve safety standards, optimize energy efficiency, and potentially integrate sustainable practices into operational frameworks.

Embedding Sustainability through Continuous Improvement and Collaborative Leadership

At Vidya Dairy, a key outcome of the Total Quality Management (TQM) movement, which began in 2002, is the Apex Steering Committee (ASC) Meeting. This meeting has become an important part of Vidya Dairy's culture. The ASC comprises the MD as its Chairman and all the departmental heads together with a number of other Vidya Dairy staff on rotation basis, plus four to five students (on rotation basis)

Each meeting is led by a different staff member who also records the minutes,

promoting involvement and learning across the team. The meetings focus on several key areas that support sustainability:

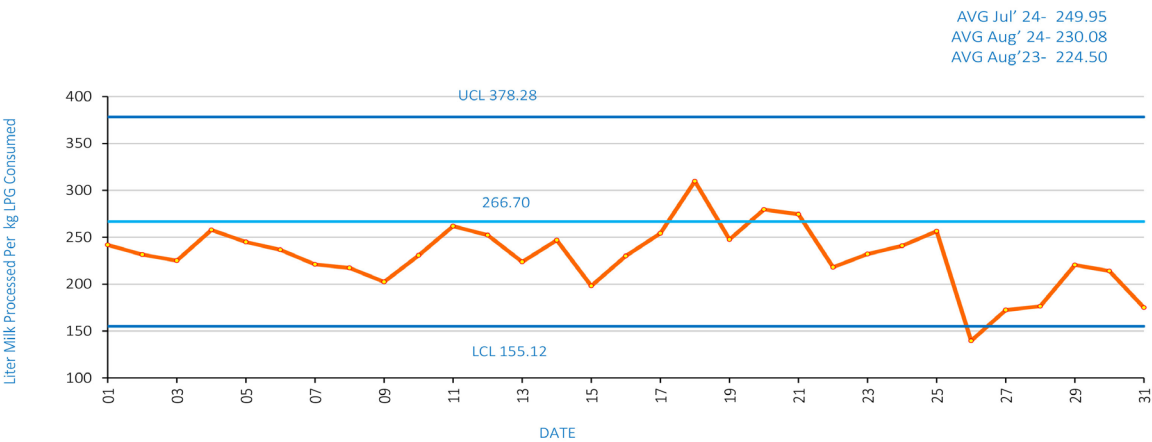
- Integrated Management System (IMS) Review: Monitoring key performance indicators and setting new sustainability objectives.
- Kaizen and Housekeeping Reports: Highlighting small, continuous improvements in daily operations to enhance efficiency and sustainability. Reading of best Kaizen of each department
- Safety, Environmental aspects & Energy conservation: Discussing efforts to reduce environmental impact, save energy and safety measures
- Student and Staff Training: Student Training Activities, Internal and External Training programmes
- Run Charts and Control Charts: Presented by students and staff help monitor and analyse process variations over time. promoting continuous improvements for sustainable operations.



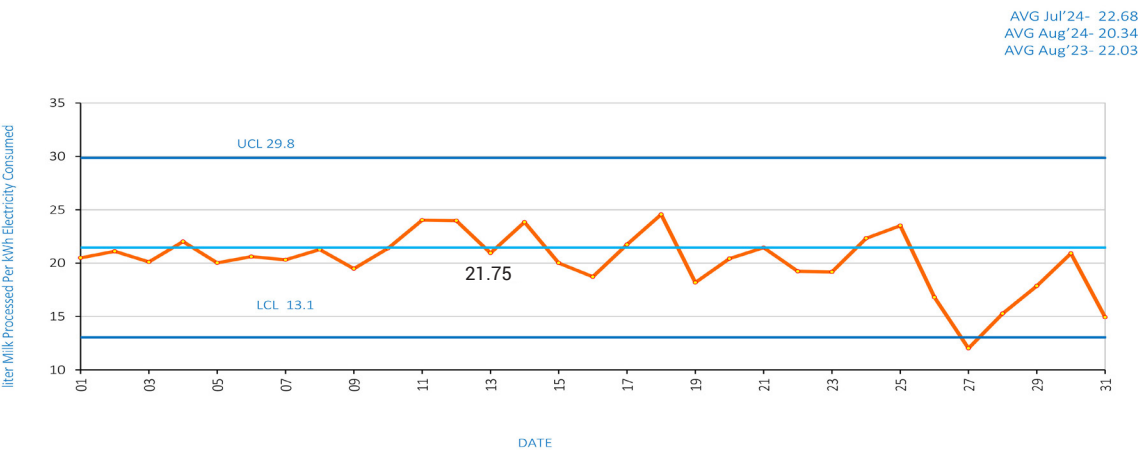
Kaizen: Kaizen, which means “continuous improvement,” is essential for sustainability at Vidya Dairy. It focuses on making small, consistent changes that lead to significant long-term benefits, such as reducing waste, saving energy, and optimizing resources. This approach involves everyone in the organization, helping to build a culture where sustainability is a shared responsibility.

Few Examples of run charts being presented in meeting are as follows;

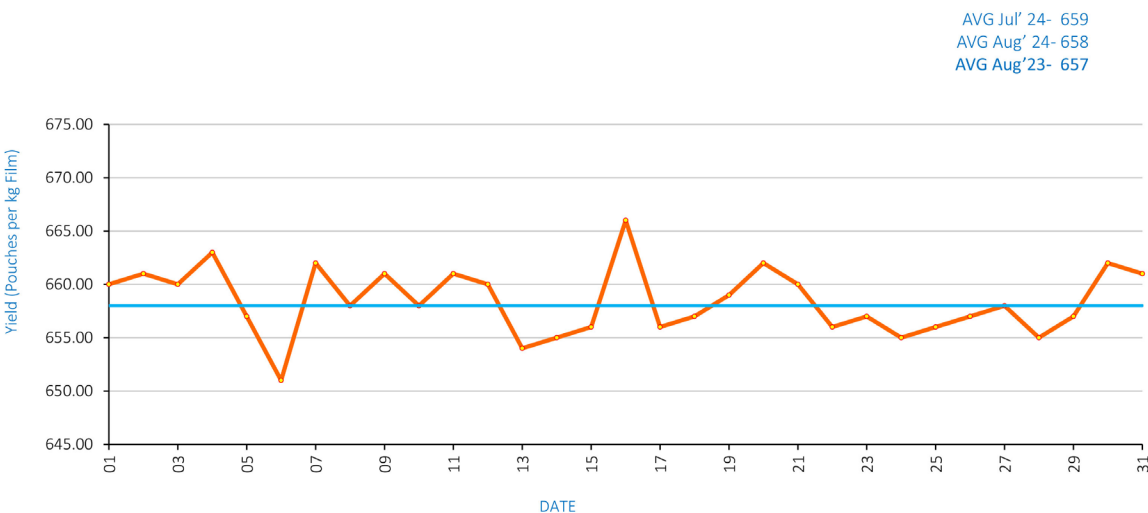
SQC on liter Milk, BM & 25% Whey Processed Per kg of LPG Consumed For Aug'24



SQC on liter Milk, BM & 25% Whey Processed Per kWh Electricity Consumed For Aug'24



Run Chart on Amul Taaza 170 ml Pouches Yield/Day For August-2024



Awards and Achievements of Board of Directors



Dr. Meenesh Shah, Chairman & Managing Director of NDDB and Director of Vidya Dairy has been the recipient of the 14th 'Dr. Kurien Award'-2023 in recognition of his outstanding contribution to the Indian Dairy Industry. Shri Meenesh Shah received the award from Hon'ble Union Home Minister, Shri Amit Shah at the IDA conference at Gandhinagar

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Dr. Atanu Jana, Principal, SMC College of Dairy Science, Anand and Ex Chairman of Vidya Dairy had been the recipient of IDA Fellow-2023 in recognition of the outstanding services rendered by him in furthering the cause of Indian Dairy Association (IDA) and the growth of the Indian Dairy Industry.



Shri Amit Vyas, Managing Director, KDCMPU Ltd. (Amul Dairy), Anand and Director of Vidya Dairy had been recipient of IDA Fellow-2023 in recognition of outstanding services rendered by him in furthering the cause of IDA and the growth of the Indian Dairy Industry.

On behalf of Amul, Shri Jayan Mehta, I/C Managing Director GCMF Ltd., Anand and Director of Vidya Dairy won the IDF Dairy Innovation Award for Innovation in Research & Development - Consumer Nutrition for Amul Protein Buttermilk & Protein Lassi





In recognition of inspiring contributions in the field of Dairying, Shri D. R. Shah, Managing Director, Vidya Dairy was conferred with "Dr. J.R. Patel Memorial Charitable Trust Award" by Alumni Association, SMC College of Dairy Science

ECONOMIC PERFORMANCE

6. ECONOMIC PERFORMANCE

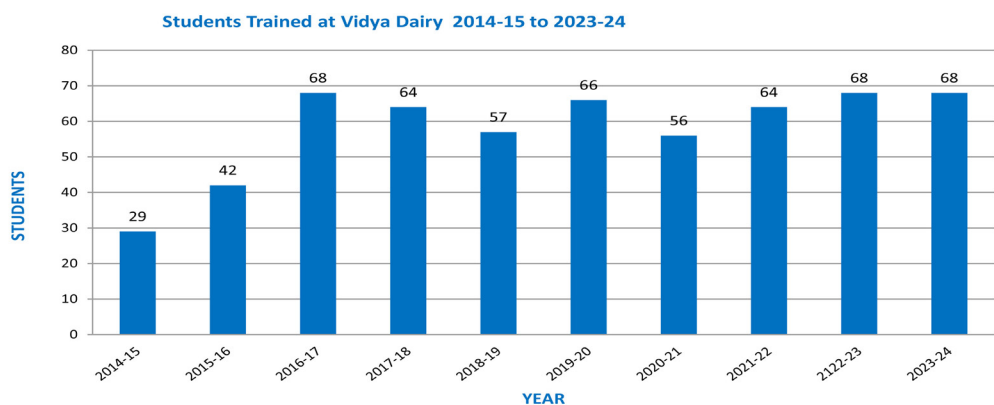


Vidya Dairy engages in three main activities. Firstly, student training involves imparting hands-on experience of the dairy business to B. Tech (Dairy Technology) students, though this does not contribute to the entity's turnover. Secondly, external training provides specialized technical knowledge to practicing dairy professionals across India and neighboring countries, covering topics like Dairy Technology, Engineering, and Quality Control, accounting for 0.15% of the entity's turnover. Lastly, the major activity is the manufacturing and sales of milk and milk products, including milk, cheese, paneer, ghee, ice-cream, curd, and sweets. These manufacturing activities supports research, development, and training for students, and it contributes significantly to the entity's turnover, making up 99.85%.

Students Training

Being an educational – cum- training institute, Vidya Dairy has been awarded the status of a Company under section 8 of the Companies Act 2013 (No Profit No Loss Organization). Its objectives and activities are different than other commercial dairy plants. Thus, the dairy is “Of the Students, For the Students and By the Students” and a novel concept of ‘Learning by Doing’ as well as an effort Towards Education with a Difference is being practised. We nurture gen-next dairy technocrats all the way.

The dairy has trained so far 1503 students of SMC College of Dairy Science, Anand.



In addition to student training, Vidya Dairy significantly contributes to the Indian Dairy Industry by organizing short-term training programs aimed at dairy professionals. Since September 2004, Vidya Dairy has conducted 683 programs, training 13,651 practicing executives from the dairy industry.

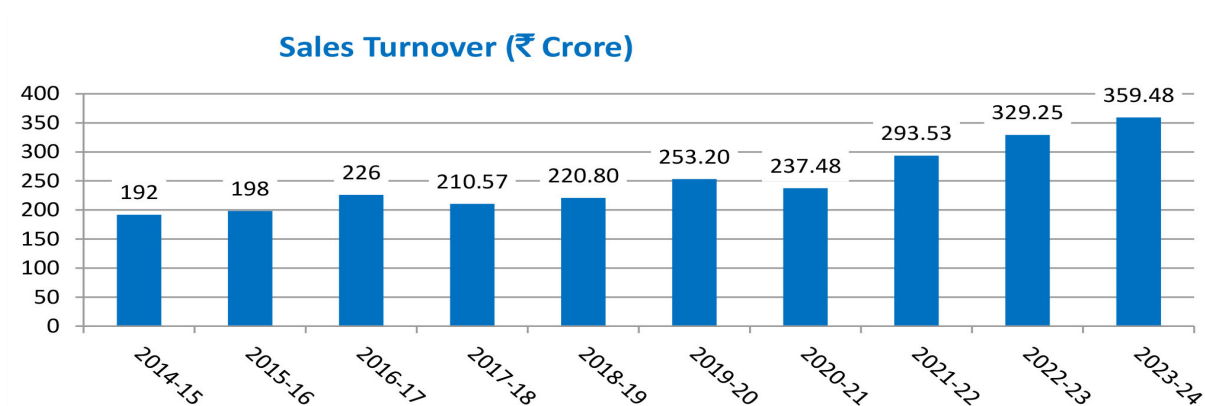


Highlights of the economic progress made by vidya dairy

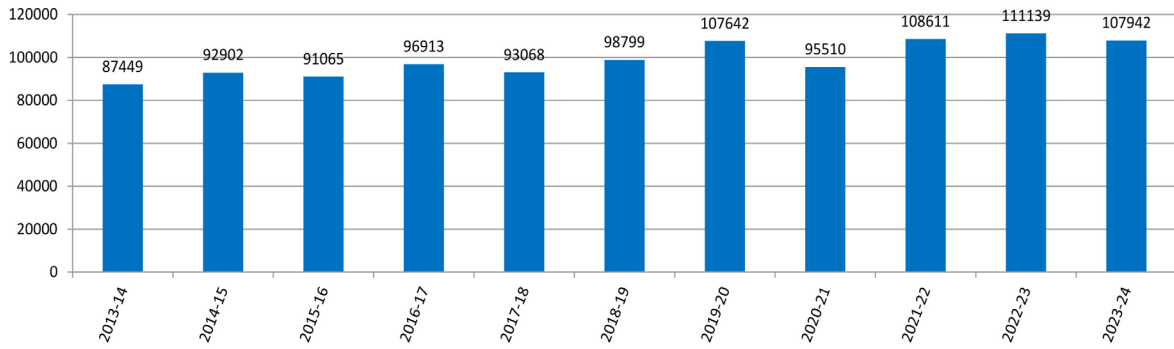
Installed capacity of Vidya Dairy

| Product | Unit | Installed Capacity (1994) | Revised Capacity | Actual Utilization |
|--------------------|--------------|---------------------------|------------------|--------------------|
| Milk | Litres / day | 100000 | 200000 | 225000 |
| Ghee | Kgs / day | 2000 | 2000 | 2000 |
| Ice cream | Litres/ day | 8000 | 18000 | 18000 |
| Paneer & Cheese | Kgs/ day | 2000 | 3500 | 3500 |
| Fermented Products | Kgs/day | 2000 | 5000 | 7000 |
| Buttermilk | Litres / day | 40,000 | 40,000 | 20,000 |
| Avsar Ladoo | Kgs / day | 2000 | 2000 | As per Demand |

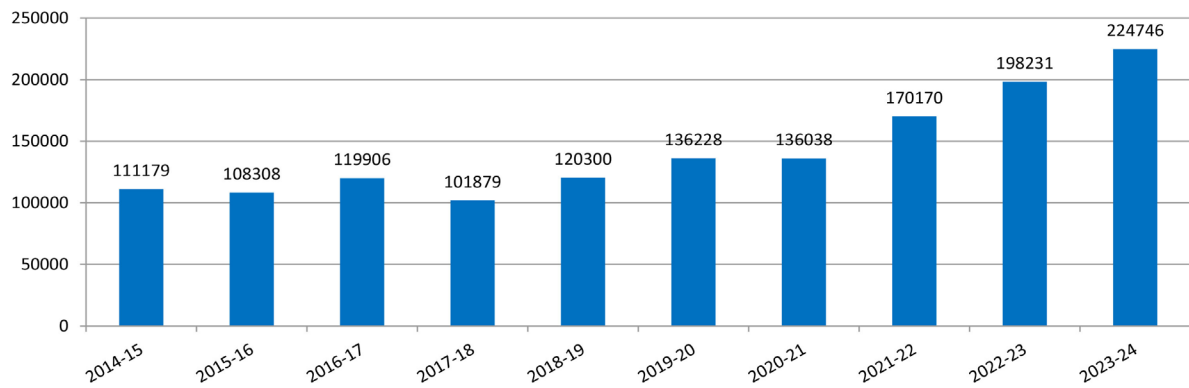
At present Vidya Dairy handles 220000 Ltrs milk per day, out of this 112000 Ltrs of milk is sold as market milk of different variants such as Amul Gold, Amul SPM, Amul Tazza, Amul Slim & Trim and Tea Special. Other products manufactured are Cheddar cheese, Ice cream, Ghee, Masti / Kadhi Dahi and packaging of Buttermilk.



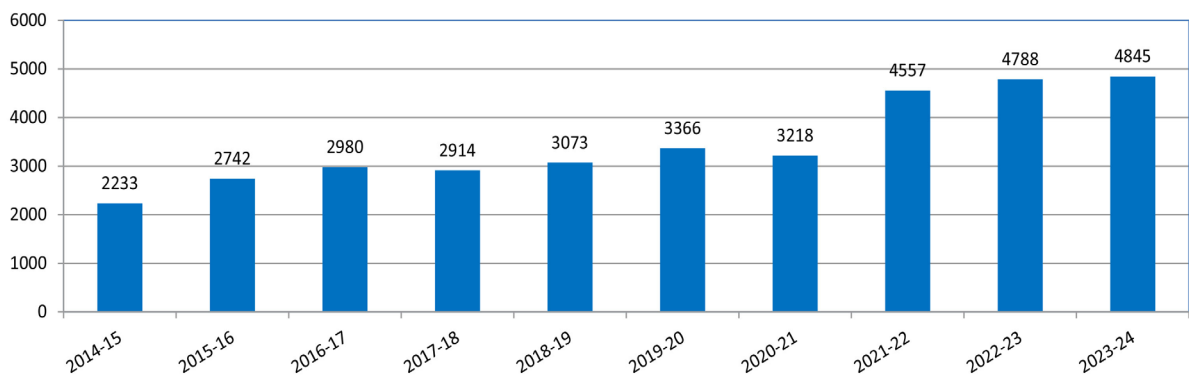
Milk Sales Liters Per Day



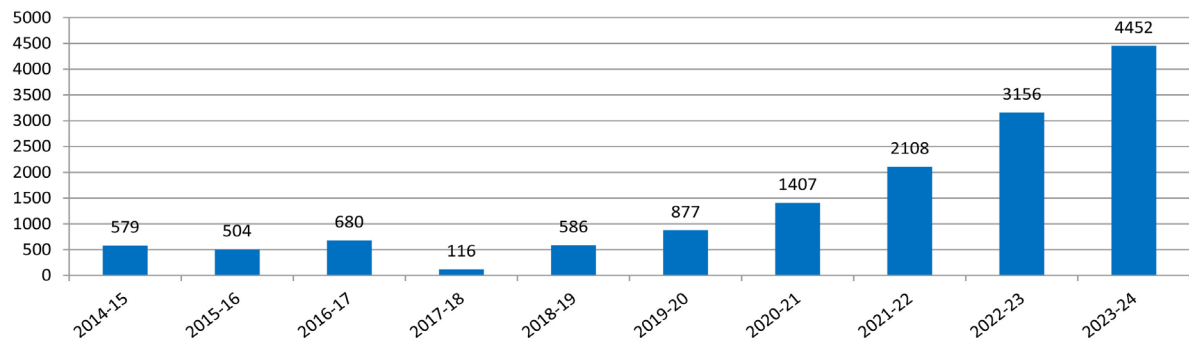
Throughput Liters Per Day



Ice Cream Production Qty in (KL/year)



Cheese Production Qty in (Tons)



Awards for Excellence in Financial Reporting



Vidya Dairy, Anand was awarded "Certificate of Merit" by South Asian Federation of Accountants (SAFA) for the year 2021 for best presented Annual Reports in the category 'Non Governmental Organizations (including NPOs)'.

Winner (Gold Shield) of the ICAI Awards for Excellence in Financial Reporting by Institute of Chartered Accountants of India the National Energy Conservation 2007-08

Winner Second best (Silver Shield) of the Institute of Chartered Accountants of India (ICAI) Awards for Excellence in Financial Reporting 2004-05, 2008-10, 2013-15

Winner Plaque Shield of the ICAI Awards for Excellence in Financial Reporting 2015-18, 2020-21

Winner & 1st Runner-up of South Asian Federation of Accountants (SAFA) Best Presented Accounts Award in the category of Non-Governmental Organizations

2nd Runner-up and Certificate of Merit by South Asian Federation of Accountants (SAFA) for Best Presented Accounts - in the category of Non-Governmental Organizations 2009, 2010, 2016-1018, 2021

FUTURE ROADMAP

7. FUTURE ROADMAP



Future ESG Goals

Vidya Dairy's long-term Environmental, Social, and Governance (ESG) goals are focused on creating a sustainable, socially responsible, and well-governed operation that benefits the environment, society, and the economy. These goals encompass a holistic approach to environmental stewardship, social equity, and strong governance:

- Expanding and enriching student and professional training programs to foster the next generation of dairy professionals, with a focus on sustainability, innovation, and leadership.
- Achieving carbon neutrality through energy-efficient technologies, adoption of renewable energy, and carbon offset programs.
- Reducing water consumption with advanced water management systems, further minimizing water usage in the processing of 1 litre of milk.
- Implementing a zero-waste policy by maximizing recycling, reusing materials, and converting waste into value-added products.
- Fostering a safe and inclusive workplace with continuous health and safety training, fair wages, and professional development opportunities.
- Strengthening community ties through social responsibility initiatives, including continuous service to dairy industry through external training programs.
- Ensuring the production of high-quality, safe, and nutritious products with transparent labeling, ethical sourcing, and adherence to food safety standards.
- Establishing transparent and accountable governance that promotes ethical behavior, regulatory compliance, and strong oversight.
- Engaging stakeholders to incorporate feedback into strategic planning and maintain open communication channels.
- Integrating ESG considerations into the core business strategy with measurable targets and continuous monitoring for sustainable growth.

Commitment to Ongoing Improvement

Looking ahead, Vidya Dairy is committed to strengthening environmental awareness and operational efficiency through targeted initiatives. A key focus will be ensuring that all significant environmental aspects of operations are communicated effectively to relevant departments. This will be achieved through regular updates and information sharing via email, fostering a culture

of environmental responsibility across the organization. By aligning all departments with sustainability goals, each team member will understand their role in achieving them.

In terms of infrastructure improvements, the transition to more efficient and suitable equipment is a top priority. Replacing domestic air conditioners with new three-phase industrial units reflects Vidya Dairy's commitment to safer, more reliable operations. Building on this, the organization is investing in energy-efficient solutions, with a feasibility study for a solar power plant already underway. The planned installation of solar streetlights in FY 2024-25 will further reduce the carbon footprint and promote sustainable energy use.

To enhance energy efficiency, the organization has implemented a policy to purchase energy-efficient motors wherever applicable. This strategic decision reinforces the long-term commitment to reducing energy consumption and operational costs. Additionally, the process for installation of new multistage RO plants and increasing capacity of anaerobic digester in ETP is underway. These forward-thinking initiatives demonstrate Vidya Dairy's dedication to continuous improvement, operational efficiency, and environmental stewardship, setting a benchmark for sustainability practices within the industry.



EMINENT VISITORS' REMARKS

Over the years many National and International dignitaries have visited Vidya Dairy. Their comment on this unique organizational concept is quite encouraging for maintaining the standards of imparting training at the dairy.

"Excellent Operation, products and People. A great initiative. We wish you all the best for the future".

"Congratulations for your efforts and achievements".

"The training function is so important for the dairy industry around the world. Long may it continue at VIDYA DAIRY".

INTERNATIONAL DAIRY FEDERATION COMMITTEE OF DAIRY POLICIES AND ECONOMICS.

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"Much can be learned by our U.S. dairy industry as well as our academic institutions by what I have seen".

JERRY KOZAK, President, International Dairy Federation.

"It is a superb initiative, which deserves to be introduced in other professional areas, very impressive. Thank you".

BIMAL JALAN, Governor, RBI

"You have Beautiful building and Equipment – wonderful for training students – keep up the Good Work".

NORMAN E BORLAUG, Nobel Laureate

"Excellent Entrepreneurial programme: Professionalism and Productivity well built into educational frame work".

RS PARODA, Director General, ICAR and Secretary DARE, New Delhi.

"My visit to Vidya Dairy is an eye opener in how students can be trained in a real-world situation. The excellent maintenance and utilization of the facility is worth emulating. The funds sanctioned under RKVY is seen to have been well spent for the right purpose. I wish Vidya Dairy all the very best in scaling new heights as its gives wings to the students it trains".

Shri S J Chiru, IAS, Director, DAC, Govt. of India & Additional Director, RKVY

"I deem it a privilege to see a dairy dedicated to teaching. There can be no doubt that the seeds of skills India were sown decades ago in Anand.

Hearty Congratulations to the faculty and students".

Dr. A. Surya Prakash, Chairman, Prasar Bharati



विद्या डेरी



Vidya Dairy

K M PLANT



Registration No. 04-34249 of 1998-99

Registration Date: 10.06.1998

P. B. No. 32, AAU Campus, Anand - 388 110

Phone: (02692) 221403, 262501

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