

# National Federation of Cooperative Sugar Factories Ltd.

## Monthly Activities Report – February, 2025

### Event: 1/5

Criteria	Details
Sector	Sugar
Location	State / District / Village Maharashtra / Sangli / Kundal <b>Date:</b> 05 <sup>th</sup> Feb, 2025
Event / Activity Name	45 HP EV tractor Demo trials at " Kranti Agrani" G D Bapu Lad SSK Ltd.
Brief Information on the Activity	NFCSFs Initiative on electric tractor to reduce production costs and utilize in- house energy efficient Transport of sugarcane, bagasse, press mud, and ash.
Objective	NFCSF's vision for achieving net-zero emissions and promoting eco-friendly with Cost-effective solutions to it's Members factories
No. of Participants	200
Achievements & Outcomes	<ol style="list-style-type: none"><li>1. Powerful Performance: Driven by a 32 kW DC motor, delivering equivalent power to a 55 HP diesel tractor.</li><li>2. High Load Capacity: Capable of cane transporting 20 tons effortlessly in 10 KM radius of Plant</li><li>3. Cost-Effective Operation: Consumes 30 units of electricity per full charge, costing approximately ₹300. Delivers performance comparable to 12 liters of diesel, cutting operational costs by 70%</li></ol>

Photographs & AV Contents	Video Attached
Additional Remarks	<p>Demonstrations carried out at Kranti Agrani G D Bapu Lad Sahakari Sakhar Karkhana, Kundal , Sangli Maharashtra with active support present Mentor MLC Hon. Arun Anna Lad &amp; Hon. Chairman Shri Sharad Lad .</p> <p>Successful trials with the involvement of:</p> <p>Agriculture Officers Shri.Parlekar Co-Generation Managers Shri.Bhoje &amp; NFCSF's Dy. Tech Adviser Shri. Dattatraya Patil under Guidance of NFCSF's Chairman Shri. Harshvardhan Patil &amp; MD Shri. Prakash NaikNavare always Encourage Innovation &amp; start-ups related benefits to sugar sectors .</p>

# National Federation of Cooperative Sugar Factories Ltd.

## Monthly Activities Report – February, 2025

### Event: 2/5

<b>Criteria</b>	<b>Details</b>
Sector	Sugar
Location	Pune / Maharashtra <b>Date:</b> 07 <sup>th</sup> Feb, 2025
Event / Activity Name	NFCSF & COFCO Joint Interactive Session on Global Sugar Prospects.
Brief Information on the Activity	Awareness program for Cooperative Sugar Mills as part of IYC2025 celebration: NFCSF and COFCO Global held an interactive session at Pune on Global Sugar Prospects with focus on opportunities for Indian Sugar Exports from October, 2025 onwards. Representatives of Cooperative Sugar Mills from Maharashtra attended the event.
Objective	To create awareness among cooperative sugar mills on global sugar markets, trading patterns, trends & process, price volatility etc.
No. of Participants	200
Achievements & Outcomes	After the program, the cooperative sugar mill representatives were better positioned to take informed decisions pertaining to sugar export and revenue generation.
Photographs & AV Contents	Attached with the email
Additional Remarks	--

# National Federation of Cooperative Sugar Factories Ltd.

## Monthly Activities Report – February, 2025

### Event: 3/5

Criteria	Details
Sector	Sugar
Location	Bharuch, Gujarat <b>Date:</b> 18 <sup>th</sup> Feb, 2025
Event / Activity Name	Exposure visit of Disabled Students to NFCSF Member Cooperative Sugar Mill. <b>Member Mill Name:</b> Shree Ganesh Khand Udyog Sahakari Mandli Ltd. Shri Harisinhji Mahida Bhavan, Vataria, Ta-Valia, Dist-Bharuch – 393001, Gujarat
Brief Information on the Activity	Exposure visit of Disabled Students at NFCSF Member Sugar mill. The mill officials explained to the students the manufacturing process of sugar from field to market. The students were also given insights about working of cooperative societies.
Objective	Improvement of student knowledge pertaining to working of cooperative societies and sugar mills.
No. of Participants	150
Achievements & Outcomes	Students got the basic understanding of the working of cooperative societies as well as sugar mills.
Photographs & AV Contents	Attached
Additional Remarks	--

# National Federation of Cooperative Sugar Factories Ltd.

## Monthly Activities Report – February, 2025

### Event: 4/5

Criteria	Details
Sector	Sugar
Location	DCM Shriram Composite Sugar Unit. Ajrapur, Distt. Lakhimpur Khiri, U.P. <b>Date:</b> 18 <sup>th</sup> Feb, 2025
Event / Activity Name	Study Visit of Directors and Officials of NFCSF and Member Cooperative Sugar Mills from Maharashtra, Tamil Nadu, Karnataka, Odisha to one of the most advanced sugar mills in India, comprising of sugar mill, distillery, CBG plant and Social Welfare Centres.
Brief Information on the Activity	Directors and Officials of NFCSF and Member Cooperative Sugar Mills from various states studied the technological impact of Artificial Intelligence (AI) on sugarcane cultivation practices in the vicinity of DCM Ajrapur Unit, interacted with progressive farmers and visited the sugar mill, distillery and CBG plant. The participants interacted with the officials of the unit to understand best practices adopted by the unit. Participants took first-hand experience of the various social welfare activities being run by DCM Sugar mill for workers, farmers and general public.
Objective	To create awareness among participants about the best practices adopted by this sugar mill including use of AI in sugarcane cultivation.
No. of Participants	50
Achievements & Outcomes	Participants were exposed to the best practices adopted by DCM Shriram Composite Sugar Unit in sugarcane cultivation including the impact of AI, milling operations, efficiency enhancement, social welfare program etc.
Photographs & AV Contents	Attached
Additional Remarks	--

# National Federation of Cooperative Sugar Factories Ltd.

## Monthly Activities Report – February, 2025

### Event: 5/5

Criteria	Details
Sector	Sugar
Location	State – Karnataka / District-Belgaum / Village – Kognoli <b>Date:</b> 19 <sup>th</sup> Feb, 2025
Event / Activity Name	Event on Artificial intelligence based sugarcane production held on 19 <sup>th</sup> Feb 2025. <b>Organized by NFCSF Member: Shree Chhatrapati Shahu Sahakari Sakhar Karkhana Ltd, Kagal, Kolhapur, Maharashtra</b>
Brief Information on the Activity	Dr. Tushar Jadhav Head of (AI-Technology KVK Baramati) given information about how to manage diseases, pests, water and fertilizers with the help of computerized soil testing, automatic weather station, Leaf Soil Sensors and also the cost and benefit for the farmer to use the said technology.
Objective	Using technology as key to productivity growth.
No. of Participants	200
Achievements & Outcomes	Sugarcane growers got access to modern technology.(Hitech Agriculture) .
Photographs & AV Contents	Attached
Additional Remarks	--