

RAJSHREE SUGARS & CHEMICALS LIMITED

Environment, Social and
Governance Report
2024 - 25



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BUSINESS OVERVIEW



Registered Office : Coimbatore, Tamil Nadu



FY25 Revenue: INR 653.57 lakhs



Key Management



Ms. Rajshree Pathy
Chairperson
DIN 00001614



Mr. R. Varadarajan
Wholetime Director
DIN 00001738

- Rajshree Sugars & Chemicals Limited (RSCL) is an integrated sugar company with three manufacturing facilities in Tamil Nadu
- The Company manufactures sugar (S30), industrial alcohol, generates Green power (part of which is for captive consumption and rest is exported to the Grid) and also Organic Manure.
- All the manufacturing locations are in close proximity to Tuticorin and Chennai Ports.

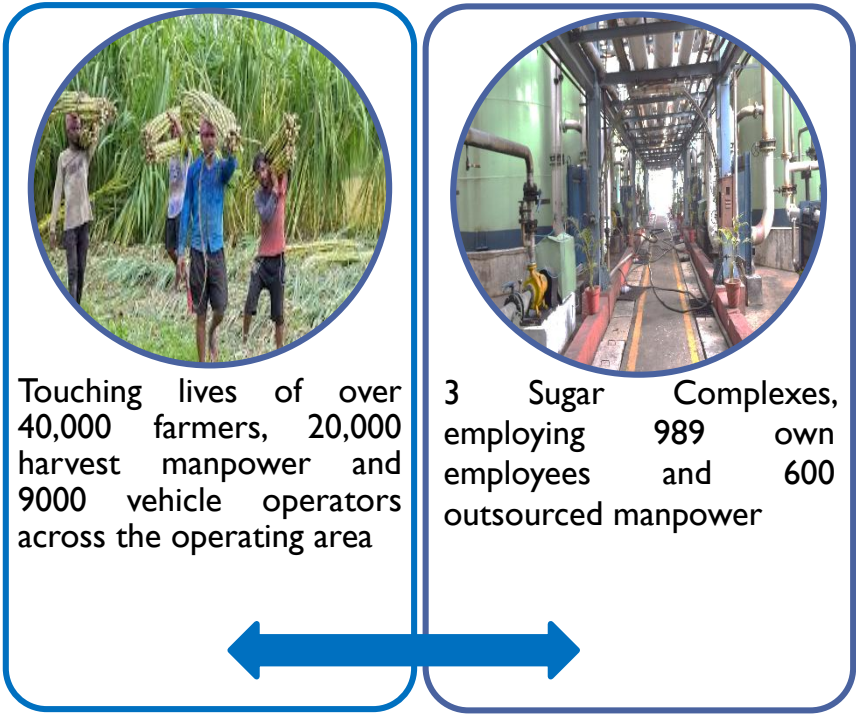
CAPACITY UTILIZATION

Sugar	Distillery	Cogeneration	Organic Manure
• 1,00,053 MT	• 187 Lakh Ltrs	• 1488 Lakhs Units	• 2700 tons

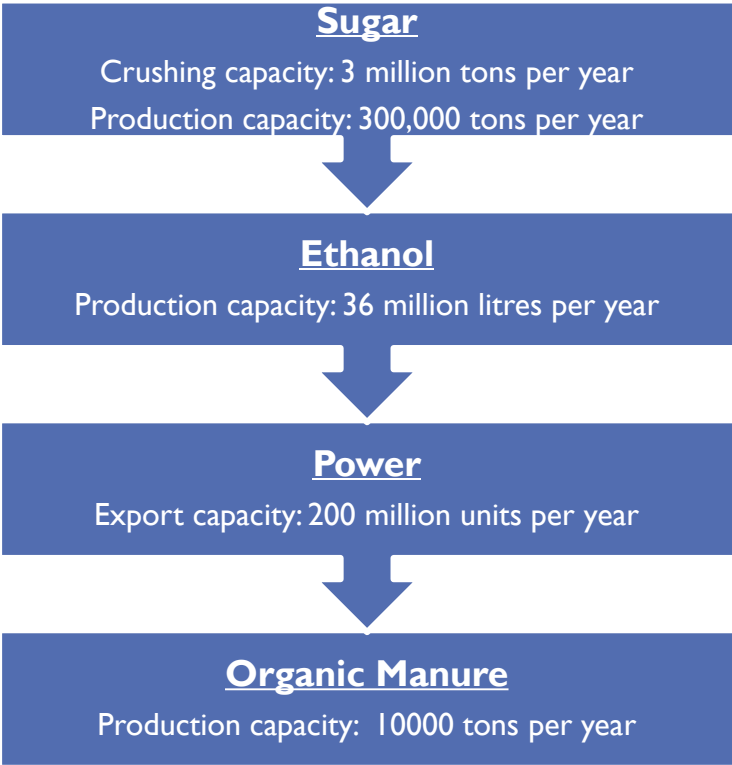
Sugar division accounted **67%** of total revenues while the Distillery division and Co-generation division account for **17% and 15%** of revenues respectively

* Tons crushed per day ** Kilolitres per day # Mega watts per hour

OUR VALUE CHAIN



CAPACITY TO DELIVER



ESG JOURNEY - HIGHLIGHTS

Clean
Development
Management

ZERO LIQUID
DISCHARGE -
Distillery

ISO 9001:2015
Certified –
Varadaraj Nagar
Unit

Hiring of Local
Talent

Renewable &
Sustainable Energy

Development of
Entrepreneurs

Cane Development
through R&D and
Extension activities

Corporate Social
Responsibility

ENVIRONMENT

Goal and Establishment Setup

Being an Economic, Socio and Environmental responsible organization, we have established state-of-art Manufacturing units. This not only entails us to meet the norms of Pollution Control but further extends to reach out to the community by supporting Rain Water Harvesting initiatives and developing Green Belt areas around our Units.

World Environment Day

5th June 2024 – A day for our team to renew our commitment to conserve the environment today, that the future generations will be able to lead a better life. It is a day on which we spread awareness about the environment and the need to conserve it. Moreover, we advocate for a greener environment by initiating tree planting activities on that day across all three Units.



COGENERATION - First Sugar factory in India to register it's cogeneration plant to produce clean energy using "Bagasse" for Clean Development Mechanism (CDM) under the Kyoto Protocol, in 2005, earning Carbon Credits. The actual emission reduction has been verified as 79049 tonnes of CO2 for the period 1st October, 2005 to 30th September, 2006.

We have continued to use Bagasse to produce electricity at all our Cogen Units thereby producing clean energy and reducing the carbon footprints.

ENVIRONMENT

World Ozone Day was celebrated on 16th Sep 2024, Conducted awareness camp in our factory premises and highlighted the importance of Ozone layer. Tree saplings were planted in our factory premises.



In Unit – III, Gingee – the celebration was at Sathyamangalam Government Higher Secondary School alongside awareness camps and drawings competitions conducted among the school students.





As per The Plastic Waste Management Rules, 2016 to comply with the Extended Producer Responsibility (EPR) which is registered with CPCB and annual return was submitted for the FY 24-25. We have engaged CPCB approved PRO (Producer Responsibility Organization) agency for effective and efficient collection, segregation and transportation of the material to the waste disposal facility.

This Financial year we have collected and disposed 551 mt of plastic waste on behalf of Rajshree Sugars.

Water Management

Unit-II, MUNDIYAMPAKKAM

An additional cooling tower has been installed in Unit-II to effectively cool excess condensate water. The cooled water is being sustainably repurposed for the following uses:

- Cane Farm Irrigation
- Toilet Flushing
- Garden Irrigation

This initiative promotes water conservation and supports eco-friendly practices by reducing freshwater consumption.



ENVIRONMENT

Energy Management

RSCL is well equipped with latest steam and power saving economical devices which resulted in low steam % and power per ton of cane.

Green Power

By converting cane syrup to ethanol,, we produce a sustainable fuel that reduces carbon emissions and enhances air quality, . Our Varadaraj Nagar Unit, has produced 11.29 lakh liters of ethanol in the 2024-25 period, contributing to the Ethanol Blending Program of our Government.



At Unit-I, Varadaraj Nagar

A Variable Frequency Drive (VFD) was installed for treated juice pump by replacing the Star-Delta starter. Power consumption dropped from 45 kW to 11 kW, saving of 34 units per hour. For 65 days of operation, total units this saved is 48,960 units. At ₹ 4 per unit, the cost saving is ₹ 1.96 lakhs.

Energy efficient LED lighting was installed across Administrative Office, Mill house, Boiling house, and Cane Carrier areas by replacing higher-wattage lamps. This resulted in a total power saving of 2,505 units over 150 days.

The cane carrier gearbox internals were changed from 40:1 to 60:1 ratio, enabling the dyno drive speed to increase from 300 rpm to 450 rpm. This modification improved efficiency and saved 3 units of power per hour, totalling 4,824 units during the season. At ₹ 4 per unit, this resulted in savings of ₹ 0.19 lakhs.

The above initiatives resulted in savings of 6.38 lacs units of power translating to Rs. 25.54 lacs

ENVIRONMENT

At Unit-II, Mundiampakkam

Spray Pond Motor Replacement

The existing spray pond motor was replaced with an energy-efficient motor, resulting in substantial energy savings. Annual Energy Savings: 47,124 units. Cost Savings for FY 2024–25: ₹2,26,195. This initiative contributes to reduced energy consumption and operational costs, aligning with our commitment to sustainable practices.

At the Bagasse godown area, 4 units of 400W metal halide light fittings were replaced with 4 units of 200W LED fittings. This replacement resulted in an annual energy saving of 4,224 units.

At the boiler and bagasse belt conveyor areas, 20 units of 36W CFL bulbs were replaced with 18W LED bulbs, covering 30% of the total planned replacement. This led to an annual saving of 1,728 units.

At Unit-III, Semmedu

Hydraulic test water from the evaporator first body was diverted to the Sugar Cogen Auxiliary cooling water (ACW) system, resulting in the saving of 483 m³ of RO water and 878 m³ of raw water. This initiative led to an RO water cost saving and sustainable water resource utilization within the plant.

By using Biogas generated from the Distillery Digester, we have generated 1,08,500 units of power during the year thereby saving additional fuel consumption.

We have saved Rs.3.72 lakhs by replacing the existing A/C units with energy efficient eco-friendly A/C units by way of reducing power consumption.

ENVIRONMENT

Waste to Wealth

Certifications for Organic Manure Plant at Unit-I, VARADARAJ NAGAR

At Unit-I, we have established a fully functional organic manure plant that plays a vital role in our waste management and sustainability initiatives. This plant effectively converts organic waste generated from both the sugar and distillery operations into high-quality organic manure.

The plant has been certified by Aditi Organic Certifications as a producer of organic products, and it also holds GMP (Good Manufacturing Practices) certification, reflecting our commitment to maintaining quality, hygiene, and regulatory compliance in the production process.

The resulting organic manure is distributed to farmers, promoting sustainable agriculture by reducing the dependence on chemical fertilizers. Lower chemical usage leads to reduced soil and water contamination, ultimately minimizing the environmental footprint of farming practices.

ENVIRONMENT

Green Belt Development

Green belt development is being continuously done in and around our premises by planting various species.



Control of Air and Water Emissions

In Unit-I VARADARJ NAGAR, of our boiler section, a significant enhancement has been implemented in the ash handling system to improve environmental compliance and operational efficiency. The outlet from the wet scrubber, which carries ash-laden water from the flue gas cleaning process, is now routed to a specially designed ash sieving unit.

This ash sieving unit has been entirely designed and fabricated in-house, using cost-effective methods and materials suited for high-moisture, high-temperature conditions. The unit operates by mechanically separating solid ash particles from the scrubber water, allowing the ash to be collected and disposed of or reused effectively, while the relatively cleaner water is either recirculated or treated further.

In Unit – 3, GINGEE - We have spent Rs.40.00 lakhs towards renewal of Bag filter bags to control the particulate emission in our Distillery Boiler.

SOCIAL

Social Vision : Providing education and a chain of employment opportunities for building a self reliant rural Tamil Nadu across our Operations.

Topics	Progress in Fiscal of 2024 - 25
Quality Education	1925 children study in safe and nurturing environments
Benefiting Agricultural Communities	Bringing a vide diversity of Farmers, Harvest Manpower and Transporters together
Community Wellness	Medical camps for the community surrounding our Units
Learning Culture	Inculcating the habit of continuous learning
Committed to Health, Safety & Hygiene	In-house Clinics, Safety committees, PPEs and Workshops to build a strong Culture
Beyond the Campus	Providing Scholarship to Children of employees

Quality Education

Two schools have been founded with an objective to cater to the needs of the local community and to provide quality education.



Srivalli Varadaraj Matriculation School

Andipatti, Theni District, TN
Managed by GV Memorial Trust

Rajshree Sugar Ramakrishna Vidyala Matriculation Higher Secondary School

Munidiyambakkam, Villupuram District, TN
Managed through Rajshree Sugars Sri Ramakrishna Educational Society



Our vision is to create proactive global citizens, helping them to unfold their inherent talents to do their best while instilling in them appropriate and desirable ethical values to make students productive and responsible members of the society.

Corporate Responsibility @ Rajshree Sugars

In response to the heavy downpour caused by the Fengal cyclone in December 2024, essential relief materials including food, drinking water, blankets, and other necessities were provided to the affected residents of nearby villages — Palapadi, Sathyamangalam, Gingee, Valathy, and surrounding areas. This initiative aimed to support the local community during a time of urgent need and ensure basic comfort and safety.



We have conducted "General Medical Camp" at Semmedu village on 05.04.2024 in association with Arunai Medical College & hospital, Tiruvannamalai. 122 people got benefitted.



As part of the Founder's Day celebration, a Blood Donation Camp was organized on 23rd November 2024 in association with PHC, Sathiyamangalam. A total of 50 units of blood were donated to the Government Hospital, Mundiampakkam.

We have conducted "General Medical Camp" at Palapadi village on 27.04.2024 in association with RMR hospital, Tiruvannamalai. 114 people benefitted from this activity.





A Blood Donation Camp was successfully conducted on 18th January 2025 at our premises. The event was organized in collaboration with Government Theni Medical College Hospital, Theni. A total of 50 individuals voluntarily donated blood, contributing towards a noble cause of saving lives and supporting the regional blood bank.

Other Corporate Responsibility initiatives

- Rs.3.35 lakhs towards class rooms renovation works carried out at Government Higher Secondary school, Sathyamangalam
- Rs.1.40 lakhs towards nearby village roads repair work
- Rs.3.75 lakhs donated to nearby village temples for kumbabishekam & other poojas.

Employee Well Being

Various health camps have been conducted at the Units keeping in mind that awareness is the key to early deduction of any disease and thereby proper treatment.

Civil Crime Awareness Programme – 21.10.2024



A Financial Fraud Awareness Programme was conducted at Unit-I on 21st October 2024 to educate employees about various forms of cyber and financial crimes. The session was organized by the Cyber Crime – Commercial Wing, Theni.

A total of 65 participants attended the programme, which covered key topics such as:

- Online financial frauds and scams
- Safe digital transaction practices
- Identity theft and data protection
- Reporting procedures and legal support

The session aimed to enhance awareness and promote responsible digital behaviour among staff members.

A First Aid Training Programme was conducted on 28th December 2024 in collaboration with the Tamil Nadu Apex Skill Development Centre for Healthcare. The training was organized by Nalam Hospital, Theni, and aimed at equipping employees with essential life-saving skills. A total of 30 employees from Unit-I actively participated



A Leprosy Awareness Programme was conducted on 5th February 2025 at Unit-I by the Primary Health Centre, Vaigai Dam, as part of public health education and disease prevention initiatives. A total of 75 individuals participated



A **Special Heart Care Consultation** session was organized on **17th February 2024** for the benefit of our employees. The consultation was conducted by **Dr. Raveendran, M.D., Cardiologist from Coimbatore**, who provided expert medical advice on heart health, preventive care, and lifestyle management.

A total of **30 employees** availed this opportunity for a personalized consultation. The session emphasized the importance of early detection and proactive management of cardiovascular health, contributing to employee well-being and awareness.

We have conducted “General Medical Camp” at factory premises on 27.06.2024 in association with PHC, Sathiyamangalam. 211 employees got benefitted.



We have conducted “Dental Screening Camp” at factory premises on 14.08.2024 in association with Chettinad Dental College. 114 employees got benefitted.

We have conducted “General Medical Camp” at factory premises on 19.11.2024 in association with EKR hospital, Gingee. 152 employees got benefitted.



SAFETY @ WORK

Employee Safety is the core of Rajshree Sugars and all our activities. Employees are provided with PPEs and trainings as we strive towards achieving “ZERO” Accidents

National Safety day – 4th March 2025



Safety Week Competitions

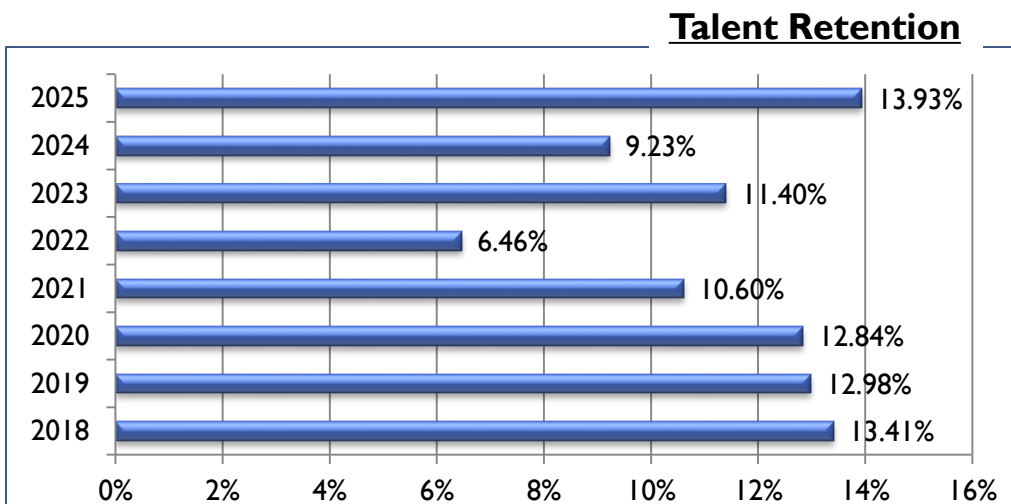
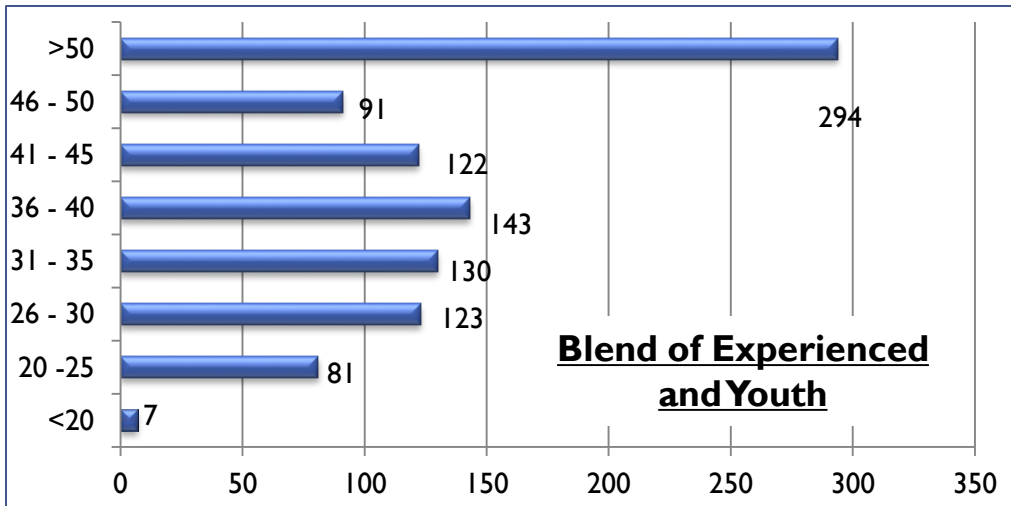
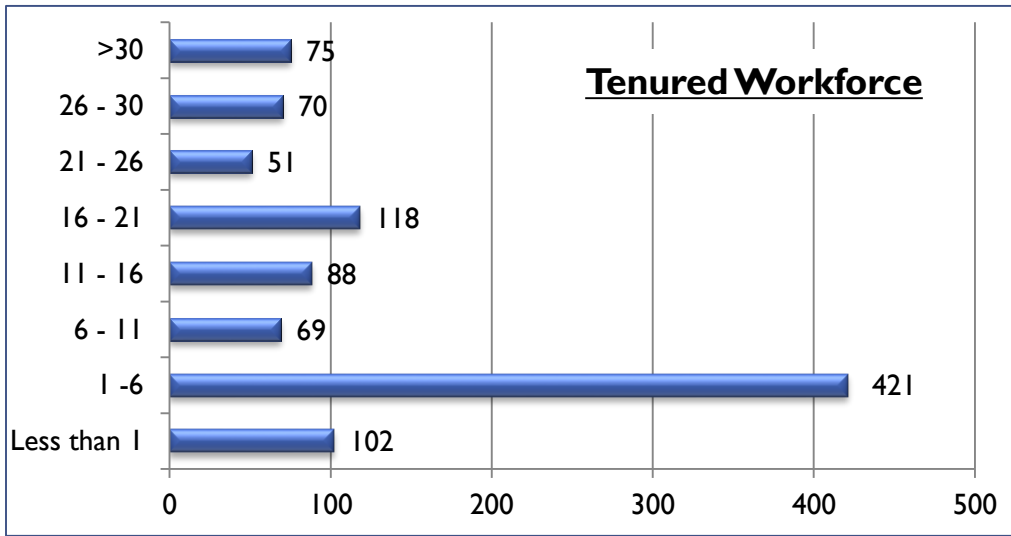
Quiz



Mock Drill



PEOPLE



BEYOND OUR CAMPUS

Scholarships to Employee’s children to encourage them to pursue Higher education

Course	Scholarship (per year)
ITI, Diploma	Rs.2000/-
Any Degree	Rs.3000/-
Professional Courses	Rs.5000/-

During 2024 – 25, Rajshree Sugars offered Rs.2.21 lacs as scholarships to 55 Students who pursued Higher Education.

Employees’ Children are further provided Tuition fee concession of 50% at our Schools.

GOVERNANCE

Board Tenure	<ul style="list-style-type: none"> The current Board's average tenure is approximately 14 years. Independent Directors are appointed for an initial term of up to five years and may be re-appointed for a second term of up to five years, subject to performance evaluation.
Committees	<ul style="list-style-type: none"> Company is having various Committees constituted by the Board of Directors (both mandatory and non-mandatory committees) to review and recommend specified matters, as per the requirements of the Companies Act, 2013 and SEBI Regulations such as Audit Committee, Nomination Remuneration Committee, Stakeholders Relationship Committee.
Tax Strategy	<ul style="list-style-type: none"> The Company is tax compliant and utilizes the provisions of the Income Tax Act, as applicable, for tax saving purposes.
Advocacy	<ul style="list-style-type: none"> The Company focuses on developing and maintaining a cordial relationship with relevant policy makers in the State and Central Government, business organizations, industry associations, educational institutions, and community organizations for smooth running of the business.
Code of Conduct & Ethics	<ul style="list-style-type: none"> Our Code of Conduct & Ethics helps us to maintain the better relationship with the internal and external Stakeholders. It complies with the legal requirements of applicable laws and regulations and ethical handling of conflicts of interest.
Policy against Sexual Harassment of Employees	<ul style="list-style-type: none"> The Company is an equal opportunity employer and is committed to creating a healthy working environment that enables employees to work without fear of prejudice, gender bias and sexual harassment. The Company believes in treating its employees with dignity.
Whistle Blower Policy (Vigil Mechanism)	<ul style="list-style-type: none"> The Whistle blower policy has been formulated and provides a mechanism for directors and employees of the company to raise their voice against any unethical practices in the company and to approach the Chairman of the Audit committee for any such reporting. The policy is available in our website https://www.rajshreesugars.com/
Internal Audit	<ul style="list-style-type: none"> The Internal Audit is assigned to independent Chartered Accountants and their periodic reports are submitted to the Board. The remedial actions are being carried out based on the findings by the Internal Auditors and reported to the Board.