



**ORGANIC RECYCLING
SYSTEMS LIMITED**

CLEANTECH | INNOVATION | ENGINEERING

4th December 2024

BSE Limited
Department of Corporate Services
Listing Department
P J Towers,
Dalal Street,
Mumbai - 400001
Scrip Code: 543997

Dear Sir/Madam,

Sub: Press Release.

In accordance with Regulation 30 of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, please find enclosed herewith Press Release of Organic Recycling Systems Limited (the Company) Expands its Research Innovation Centre at new location to Propel Advancements in Biomethanation and Sustainable Waste Management research and development activities.

We request you to take the same on record.

Thanking you,

Yours faithfully,

For Organic Recycling Systems Limited

Seema Gawas
(Company Secretary & Compliance Officer)

Organic Recycling Systems Ltd

Registered / Corporate Address : 1003, The Affaires, Plot No.19, Sector-17, Sanpada, Navi Mumbai – 400705.

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ORSL Expands its Research Innovation Centre to Boost Bioenergy Development.

ORSL expands its Research Innovation Centre to Propel Advancements in Biomethanation and Sustainable Waste Management.

Navi Mumbai, December 4, 2024 - Organic Recycling Systems Limited (ORSL) has unveiled a significant milestone in its pursuit of sustainable waste management and bioenergy advancements with the expansion of a new 3,500 sq. ft. Research Innovation Centre (RIC) facility in Mahape. This expansion underscores ORSL's dedication to pioneering cutting-edge research and fostering innovation in bioenergy, biomaterials, and sustainable waste management solutions.

The RIC is positioned to become a transformative hub for the biomethanation industry, driving progress through its wide-ranging initiatives and advanced capabilities. It serves as a platform for groundbreaking research and collaborative projects aimed at pushing the boundaries of innovation in bioenergy and biomaterials.

One of the flagship developments at the RIC is the Sanjeevak Carbonisation System, a revolutionary technology designed to carbonise biomass and produce high value carbon products. Beyond this, the centre is also focusing on innovations in biomaterials, biostimulants, biocatalysts, biofertilizers, and cost-effective scrubber media to enhance the efficiency and sustainability of biomethanation processes.

To further its mission, the RIC is fostering collaborations with academic institutions and industry leaders. These partnerships aim to bridge knowledge gaps, accelerate advancements, and create a dynamic exchange of ideas to meet the growing demand for sustainable energy solutions.

The centre is also spearheading research into the biogas potential of various waste feedstocks like biomass. By utilizing small-scale digesters, the RIC evaluates the biogas potential of diverse organic materials, providing critical insights for optimizing feedstock utilization. This research is expected to pave the way for integrating diverse organic waste streams into efficient and scalable biogas systems.

In addition to its research initiatives, the RIC is home to a dedicated pilot and testing facility, serving as an incubation ground for innovative projects. From concept to prototype, the centre supports the development of scalable technologies, refining processes, and enhancing operational efficiency to make bioenergy solutions more accessible and impactful.

Recognizing the importance of human capital in driving industry growth, the RIC plans to launch specialized skill development programs tailored to the bioenergy sector. These training programs aim to bridge the gap between academic knowledge and industry requirements, equipping professionals with the skills necessary to thrive in this rapidly evolving field.

By integrating innovative technology development, collaborative research, and workforce training, ORSL's RIC is setting a benchmark for the biomethanation industry. It is not only advancing the capabilities of the sector but also reinforcing ORSL's commitment to a sustainable and circular bioeconomy. Through this initiative, ORSL is cementing its position as a leader in innovative waste management and bioenergy solutions, contributing to India's journey toward sustainable and renewable energy systems.

About Us

Organic Recycling Systems Limited (ORS) is a pioneering engineering firm specializing in environmental solutions, offering comprehensive waste management solutions across various waste types and the entire value chain. Established in 2008 by technocrats, ORS focuses on developing robust, cost-effective, and eco-friendly technologies. With proven expertise, ORS operates India's premier Waste to Energy (WTE) plant, leveraging patented anaerobic biomethanation technology, recognized by the Government of India's National Master Plan. ORS operates a Municipal Solid Waste (MSW) processing plant in Solapur, Maharashtra, converting waste into electricity and compost since 2013. Recognized as a leader in best practices under the Swachh Bharat Mission, ORS is now positioned for EPC opportunities nationwide. ORS operates through three main business verticals: Project development & Technology Licensing, Product Vertical, and Consulting Vertical, providing a comprehensive range of services and solutions in the environmental sector. Through ongoing R&D initiatives and intellectual property development, ORS continues to innovate with new products and technologies, further expanding its presence and impact across the waste value chain.