



IS PROUD TO PRESENT

DOSTBIN SOLUTIONS

AS ONE OF THE

TOP 10

WASTE MANAGEMENT STARTUPS

2024

*in acknowledgement of its unwavering focus and dedication
to achieve excellence in quality and delivery in this field.*

A handwritten signature in black ink.

Sudhakar Singh
Managing Editor
Industry Outlook

DOSTBIN SOLUTIONS

TRANSFORMING WASTE MANAGEMENT WITH INNOVATIVE COMPOSTING SOLUTIONS



Dr Seema Singh,
Founder & Director

India's waste management sector is expanding rapidly due to increasing urbanization, raised environmental consciousness, and government interventions like the Swachh Bharat Mission. This sector has witnessed significant progress over the last five years, including innovative solutions, improved waste segregation and adoption of new waste management technologies. These developments align with Sustainable Development Goals (SDGs) 11, 12, and 13, thus spurring further progress and improvement of waste management practices across the country. However, clients experience challenges such as high disposal costs, irregular garbage collection services and labor-intensive composting. Dostbin Solutions revolutionizes this industry through state-of-the-art home composters designed for ease and efficiency. The company encourages sustainability by converting wet garbage to high-quality manure so that eco-friendly lifestyles become accessible to everyone conveniently.

Since its inception, Dostbin Solutions has embarked on a transformative journey in waste management. The firm has proved its market potential and commitment to growth, securing significant funding worth above 31 lakhs from Startup Karnataka and IIT Madras carbon zero challenge within the first year. Diverse strategic alliances with e-commerce giants such as Amazon have widened its market base, while Singapore will be tapped by 2027. Hence, the company's R&D is focused on embedding advanced technologies such as IoT and mobile apps to enhance product performance and user experience. As a result, collaborations with prestigious institutions like IIT Madras, IIIT Bengaluru and Nasscom Startups (Tech.We) have further boosted its innovation capabilities. "Dostbin is committed to fostering a greener environment through its innovative, patent filed home-based composters and actively seeks partnerships with NGOs, CSRs, and government bodies to extend its positive impact across India", says Dr Seema Singh, Founder, Dostbin Solutions.

Innovative Waste Management Solutions for Eco-Friendly Living

Dostbin Solutions offers innovative, patent filed home-based composters designed for effortless wet waste management. Its product range includes three variants of automatic composting machines that process daily wet waste, producing high-quality solid and liquid organic fertilizers. The company also provides a compost collection service, rewarding customers for participating in sustainable waste practices. These solutions help reduce landfill waste, enrich soil health, and support organic farming. Dostbin's IoT network further facilitates compost supply from

households to farmers and gardeners, promoting a circular approach to waste management and environmental sustainability.

Dostbin Solutions distinguishes itself in the waste management sector through a unique blend of expertise, innovation, and technology. The company's deep knowledge of composting, coupled with its application of advanced engineering technologies, ensures its products are both practical and user-friendly. Its composters are designed for ease of use, aesthetic appeal, and minimal maintenance, setting them apart from competitors. The company's standout achievements include nine prestigious awards, such as those from the Startup India Festival and IIT Madras, underscoring its impact and innovation in the industry. The team's collective expertise spans over 80 years, including experience in composting, mechanical design & processes, electronic control, PCB design, IoT, and mobile application development. This diverse skill set drives continuous product improvement and adaptation to emerging trends. Dostbin's composting solutions align with global sustainability goals by reducing landfill waste, lowering greenhouse gas emissions, and generating nutrient-rich compost.

Dostbin's future roadmap includes expanding its network and services across India by 2026, with international ventures planned for after 2027. The company will continue to enhance its product portfolio, which currently features three variants of home-based composters. Innovations will be driven by customer feedback, aiming to serve a broader customer base and ensure 100 percent satisfaction through timely and effective waste management solutions. By 2025, the firm aims to expand its customer base to over 5,000 across Bengaluru, Kerala, and Pune. [iQ](#)