

Ekam Eco Solutions Unveils Eco-Friendly Sewage Treatment Plant To Help Institutions Go Green:



Ahmedabad, Gujarat Sep 21, 2025 ([IssueWire.com](https://www.issuewire.com)) - Ekam Eco Solutions Unveils Eco-Friendly Sewage Treatment Plant To Help Institutions Go Green: A Step Towards Sustainable Living

Ekam Eco Solutions Launches Eco-Friendly Sewage Treatment Plant for Institutions Ahmedabad, 2013
– Ekam Eco Solutions, a pioneer in sustainable sanitation and water management solutions, has

announced the launch of its eco-friendly [Sewage Treatment](#) Plant (STP), specially designed for institutions such as schools, colleges, hospitals, hostels, and corporate campuses. The new STP is built on the principles of sustainability, efficiency, and minimal environmental footprint. The plant will transform wastewater into treated effluent that meets stringent quality standards.

This launch marks another milestone in Ekam Eco's journey to bring innovative, practical, and eco-conscious solutions to institutions that are looking for sustainable ways to manage their resources. Unlike traditional systems, Ekam Eco's solution uses natural and low-energy processes to treat wastewater, making it cost-effective, durable, and highly efficient.

Why This Launch Matters

India faces a growing water crisis, with urban areas struggling with both shortages and contamination. Institutions, which consume and discharge large amounts of water daily, often rely on outdated sewage systems that either fail to treat wastewater properly or consume excessive energy and resources. Ekam Eco's new sewage treatment plant changes that narrative. It is eco-friendly, cost-effective, and people-centered, ensuring that institutions can manage wastewater responsibly while also giving back to the environment.

Speaking about the launch, [IITian Mr. Uttam Banerjee Designation] said: "At Ekam Eco, we believe in creating solutions that are not only technologically sound but also environmentally responsible. With our eco-friendly STP, institutions can manage their

wastewater sustainably while reducing water pollution and supporting groundwater recharge. This is another step towards our vision of cleaner cities and a greener future."

What Makes Ekam Eco Solutions STP's Different (Compact Sewage Treatment)

A Compact Sewage Treatment Plant (STP) for educational institutions is a space-saving, eco-friendly, and cost-effective wastewater management solution. Since schools, colleges, and universities generate a significant amount of sewage daily (from toilets, hostels, canteens, and labs), a compact STP ensures proper treatment and reuse of water while meeting environmental regulations.

Unlike traditional sewage treatment systems which use more energy and maintenance-heavy Ekam Eco's STP's uses natural and low energy treatment methods. It is designed for long term use requires minimal upkeep and is scalable for institutes of different sizes.

Compact STP is the best fit for educational institutions, as it combines low maintenance, small footprint, and sustainable water management—helping schools and colleges move towards zero discharge campuses.

Key Highlights includes:

- **Eco-friendly Design:** Use natural and sustainable treatment methods with minimal energy consumption. Biological treatment process, reducing dependency on harsh chemicals.
- **Low Maintenance :** Easy to manage, with low operational costs as compared to conventional method. Designed for minimal electricity and manpower usage, ensuring long-term saving. Requires minimal intervention due to smart design and durable material.
- **Flexible :** Suitable for institutions of all sizes. Both small and large campuses.
- **Water Reuse:** Treated water can be reused for gardening, flushing,

and landscaping, and other non-potable purposes, promoting water conservation.

- **Compliance Ready:** Meets all environmental and regulator standards such as CPCB (Central Pollution Control Board) and local regulatory norms, ensuring safe discharge and usage.
- **Scalable & Customisable:** Flexible solutions that can be designed based on the capacity needs of different institutions or facilities.
- **Odor And Hassle-Free Operation:** Advanced treatment ensures no foul smell, making it suitable even for densely populated areas .
- **Regularity Compliance :** Pollution Control Boards mandate sewage treatment for institutions generating more than a certain capacity of sewage.
- **Plug & Play Installation:** Quick to install with minimal civil work, reducing downtime for institutions. With a focus on sustainability, Ekam Eco's STP not only helps institutions meet CPCB norms but also contributes to lowering their carbon footprint and building a greener future.
- **Compact And Space Saving Design:** Design for institutions , schools, colleges, and commercial spaces where land availability is limited.
- **Portability:** Systems are movable or compact in size. Ekam Eco Solutions provides various wastewater treatment solutions, which often include smaller, modular, or containerized units designed for portability for smaller projects or areas with limited space or fluctuating demand. At Ekam we use modern STP's , modular design especially for smaller capacities , are built in modular or containers, making them easy to transport and install at different sites. The decentralized systems are space saving and designed to be installed on site , a significant advantage for facilities with limited areas such as hotels, schools, or remote construction sites.
- **No Heavy Infrastructure:** The use of advance bio-digestion technology eliminates the need for large constructions . This focus on nature based process is the core reason of portability.

Beyond the technical benefits, the new STP is about changing mindsets. It encourages institutions to view wastewater not as waste, but as a resource that, when managed well, can reduce water bills, support green spaces, and prevent pollution in rivers and lakes. With this innovation, Ekam Eco aims to empower institutions to take charge of their water sustainability goals while contributing to the global movement towards cleaner water and a healthier environment .

Building a Culture of Sustainability

The heart of this initiative lies in its potential to inspire communities within institutions—students, staff, patients, and employees—to embrace eco-friendly practices . When schools and colleges adopt such solutions, they also teach future generations about environmental responsibility. Hospitals and hostels adopting the STP can show how health and sustainability go hand in hand. For corporate campuses, the STP becomes a statement of environmental leadership and social responsibility . “Water connects us all. By conserving it, institutions are not just saving money—they are creating healthier surroundings and a better future for everyone,”

Ekam Eco Solution's Larger Mission

This launch reflects Ekam Eco's broader vision: to redefine sanitation and water management in India. Over the years, the organization has developed solutions ranging from waterless urinals to microbial septic tank treatments, each designed with the same goal—reducing waste, conserving water, and protecting natural resources . By focusing on accessible, practical, and eco-friendly technologies. Ekam Eco solution has been able to work with schools, businesses, NGOs, and governments to promote sustainable practices. The new sewage treatment plant extends this mission, offering institutions a

chance to actively participate in the global movement toward a greener future.

Looking Ahead

Ekam Eco hopes this innovation will spark a larger conversation around responsible water use in institutions. As the need for sustainable infrastructure becomes more urgent, solutions like these demonstrate that eco-friendly alternatives are not just possible, but practical and achievable, a world where climate change and resource scarcity are pressing realities, the eco-friendly STP represents hope. It is proof that technology can be both smart and sensitive, serving people while protecting the planet.

About Ekam Eco Solutions

Ekam Eco Solutions is a leading Indian social enterprise working in the field of sustainable sanitation, water conservation, and waste management. Ekam Eco Solutions is an Indian social enterprise dedicated to sustainable sanitation, water conservation, and wastemanagement. With a strong focus on innovation, Ekam Eco has introduced products and systems that help institutions and households conserve water, reduce pollution, and embrace greener lifestyles. The company has been at the forefront of eco-friendly solutions like waterless urinals, microbial septic tank enhancers, and now, its latest eco-friendly sewage treatment plant. Driven by the belief that small changes lead to big impact, Ekam Eco continues to design solutions that not only meet environmental standards but also inspire communities to live responsibly.

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