



## NIIST-developed solution ready to hit market

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Billed as a viable solution to manage solid wastes, a burning issue in the state, CSIR-NIIST has developed and patented an anaerobic digester-cum-biogas plant which can treat biodegradable wastes at the source of generation. The product is now ready for market launch.

The biogas plant developed by NIIST has been licensed to M/s Carris Pipes and Tubes Pvt Ltd, Ernakulam, which markets premier products under the brand name 'AQUATECH' for mass production and marketing.

The technology has also been licensed to M/s B M Industries, Muvattupuzha.

### Polymer-Coir Composite

The institution has also developed a Polymer-Coir composite, as a promising substitute for wood. This technology has been transferred to the Kerala Furniture Cluster, Ernakulam, which is an initiative under the Union Government's National Innovation Council led by Sam Pitroda.

### Quality Coir Fibre Extraction

An environment-friendly bio-process for the extraction of quality coir fibre is also being rolled out from the stable of NIIST.

Efforts are on to set up a demonstration plant based on the biological process in Alappuzha, in association with Santhigiri Ashram.

### Clean Bio-process for Natural Fibre Extraction

Set to transform the rural economy in a big way, NIIST is also in the process of setting up demonstration plants in association with Kudumbashree, using a 'Clean Bio-process' technology for natural fibre extraction from banana fibre, pineapple leaf fibre etc. The pineapple leaf fibre plant will be set up in Piravom, Ernakulam, while the banana leaf fibre plant will come up at Kulathoor, near here. The products developed by NIIST under CSIR-800 Programme are aimed at income augmentation and improvement in the quality of life of 800 million fellow Indians through interventions of science and technology.

Union Minister of State for Human Resource Development Shashi Tharoor, who is scheduled to visit CSIR-NIIST, at Industrial Estate in Pappanamcode, on Wednesday, will launch the products at a ceremony slated at 10.45 am.

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