

Paradip to get biogas plant with tech assistance from NITK

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PARADIP Municipality in Odisha will set up a biogas plant with the technical assistance from National Institute of Technology of Karnataka (NITK) Surathkal. The groundbreaking ceremony for the plant was held recently.

A release from NITK said the one-tonne-per-day biogas plant aims to support community kitchens in providing cooking gas using food and vegetable waste as feedstock.

This biogas plant is part of TCMPL's CSR initiative, being executed under a tripartite agreement in collaboration with the Paradip Municipality, and the NITK. The plant is expected to be operational within a year to serve local communities.

Speaking about the project, NITK director Prof B Ravi said, "This is another milestone in NITK's sustainability initiatives and our collaboration with the MAIRE Group. We have a 500-kg biogas plant operating at NITK funded by TCMPL to manage organic waste while actively engaging our students in practical learning experiences. We are delighted

to scale up this experience to Paradip, thereby contributing to Odisha's green energy objectives. Credit for this project goes to Prof. Vasudeva Madav, his project team members, and NITK alumni who set up the Maire Tecnimont Centre for Research in waste recycling and circular economy. This initiative, by converting organic waste into clean energy, sets a precedent for sustainable energy ventures, which will inspire students, budding entrepreneurs, and other corporations."

India Region vice-president of MAIRE Group Milind V Baride said, "This facility reflects MAIRE Group's strong commitment to circularity, social responsibility, and economic sustainability in the communities it serves. It underscores TCMPL's dual focus on environmental stewardship and social empowerment, offering a scalable model for similar renewable energy projects in the future."

Minister of state for Industries, Skill Development, and Technical Education in the Government of Odisha Sampad Chandra Swain was present on the occasion.