

# 1 MLD water disinfection plant commissioned at NITK Surathkal

EXPRESS NEWS SERVICE

@ Mangaluru

A state-of-the-art water disinfection plant with an installed capacity of one million litres per day (1 MLD) was inaugurated at the National Institute of Technology Karnataka (NITK), Surathkal, significantly strengthening the institute's on-campus water management system.

The facility was inaugurated by Sudhir Kumar, Managing Director of PETRONET MHB Ltd. and an alumnus of the 1989 Mechanical Engineering batch of NITK, along with Prof. B Ravi, Director of NITK Surathkal.

Designed to treat raw water



Officials examine the water disinfection plant at NITK, Surathkal | EXPRESS

sourced from tube wells and open wells within the campus, the plant will supplement water supplied by the Mangalore City Corporation, particularly during peak summer months when shortages are common. The treatment process involves

two stages of filtration followed by chlorination and ozonation, ensuring the removal of excess iron and other waterborne contaminants.

The project was funded by PETRONET MHB Ltd., a subsidiary of Oil and Natural Gas Corporation (ONGC) and Hindustan Petroleum Corporation Limited (HPCL), under its Corporate Social Responsibility (CSR) initiative for 2025-26.

Sudhir Kumar said the company remains committed to creating long-lasting societal impact through meaningful CSR initiatives.

He described the project as particularly significant to him as an alumnus and expressed gratitude to NITK for partner-

ing with PETRONET. He said the plant would benefit several thousand students, faculty, and staff residing on campus.

Director Prof. B Ravi highlighted that the initiative aligns with NITK's vision of developing a smart and sustainable campus.

He noted that last year the institute created a rainwater harvesting reservoir with a storage capacity of around 30 million litres on the north-east side of the campus.

"This filtration plant will enable us to effectively utilise harvested rainwater and other internal water sources to bridge the shortfall from the Municipal Corporation during summer," he said.