

# Deepak Fertilizers and Petrochemicals Corporation leads in sustainable water management

*Contributing to conservation efforts and responsible industrial practices*

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**D**eepak Fertilizers and Petrochemicals Corporation Limited, a major player in the chemical production sector, is making significant strides in sustainable water management, emphasizing its commitment to environmental conservation and responsible industrial practices.

In a world where the Earth's surface is covered by water to the extent of 70%, the availability of quality water suitable for industrial processes, agriculture, and energy production is limited to a mere 3%. Recognizing the critical role water plays in various industrial processes, Deepak Fertilizers and Petrochemicals Corporation Limited has proactively implemented water conservation and recycling initiatives.

The Ministry of Jal Shakti highlights that in industrial sectors across the country, nearly 40% of water consumption occurs within a radius of about 40 kilometres, depleting a considerable volume of available water resources.

Deepak Fertilizers and Petrochemicals Corporation Limited, notably engaged in chemical production processes, underscores the significance of water. It is an integral resource in chemical processes such as cooling, mixing, washing, heating,

involve crucial activities like cooling, mixing, washing, heating, and vapour production, water is used in an unavoidable capacity. Acknowledging the intrinsic value of water in these processes, Deepak Fertilizers and Petrochemicals Cor-



and steam generation, making it an indispensable element.

Water, as a versatile resource, is essential for industrial units to meet their diverse objectives. Given its vital role, Deepak Fertilizers and Petrochemicals Corporation Limited recognizes the importance of judicious water use and the imperative to actively engage in water management practices.

Specifically, within their chemical production processes, which

poration Limited has embraced water conservation and efficient management practices.

The firm has set an example by instituting sustainable water management practices since the financial year 2019. Utilizing advanced water management techniques, the company has managed to cover an impressive area of 750 square meters per day with a density of 3 GPM, showcasing a commitment to efficient water utilization.