

IIT-Indore plans to launch school of sustainability

TIMES NEWS NETWORK

Indore: The Indian Institute of Technology (IIT), Indore is planning to start a school of sustainability to offer courses on water management and sustainable practices.

The institute plans to offer B.Tech and M.Tech programmes on Water Sustainability and Water Management, an initiative envisaged to bolster research endeavours and utilisation of advanced technologies to tackle challenges.

Professor Suhas Joshi, Director, IIT Indore said, "IIT-I is planning to establish a School of Sustainability. The school will soon offer B.Tech. and M.Tech programmes on Water Sustainability and Water Management, providing students with hands-on learning and research opportunities in this crucial domain."

The academic department of IIT-I is formulating course modalities whilst consulting experts on sustainability and emerging technologies to address challenges amidst escalating water crisis.

A comprehensive study on Narmada River Basin Management is presently under-

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way at IIT-I, where a dedicated centre has been established to develop sustainable practices for preserving river health and addressing critical basin challenges. This research aligns with the memorandum of understanding (MoU) executed between the Ministry of Jal Shakti and various academic institutions,

including IIT-I, under the National River Conservation Plan.

The institute recently convened experts, researchers, scientists from IITs, IISERs, state universities, policy think tanks, water technology companies, and government departments to deliberate on emerging technologies encompassing digital water management systems, real-time monitoring using AI and IoT, recycling technologies, and climate-resilient practices for agriculture and industry.

This assemblage constituted a one-day national workshop on "Sustainable Water Management: Policy, Technology and Climate Resilience" to examine sustainability and climate adaptation in India, confronting an increasingly critical water crisis.