

## **IIT-Indore joins clean Kshipra mission**

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**Indore:** IIT-Indore will be involved as an expert in the ongoing Kanh-Saraswati River purification project as Indore Municipal Corporation (IMC) has got sanction to develop three sewage treatment plants (STPs) at Rs 511 crore under Clean Ganga Mission.

Thirteen more STPs proposed under AMRUT 2.0 and Simhastha Project are meant to ultimately clean Kshipra River before Ujjain Kumbh 2028.

“A Kshipra Purification Cell is being set up at IIT-Indore for this purpose,” collector Asheesh Singh said.

According to IMC additional commissioner Siddhartha Jain, the corporation has got sanction for three STPs. **P4**

## 'At ₹611 cr, 11 STPs & CETP to be developed'

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The three STPs will be of 40 MLD, 35 MLD and 120 MLD capacity under Clean Ganga Mission, and two of 40 MLD and 80 MLD under AMRUT 2.0. "For project Simhastha, 11 STPs and a common effluent treatment plant (CETP) will be developed at a total cost of around Rs 611 crore," Jain said.

Help from IIT-Indore has been sought to address the shortcomings of previous plans and ensure proper implementation of proposed works as part of Kanh-Saraswati River cleaning, he added.

### ISSUES WITH EXISTING STPS AND NULLAH TAPPING

► The large treatment plant at Kabir Khedi needs to be replaced.

New STPs will be built under the Namami Gange project

► There are also technical problems with STP near Indore zoo



► Improving nullah tapping, wherever there are glitches, is crucial

► According to the report, there are over 150 outfalls from which sewage is flowing into the rivers

### WHAT'S NEXT

► IIT-Indore will analyse the existing DPRs and give recommendations

► A third DPR will be prepared based on IIT's recommendations and incorporating population projections

► The new DPR will address shortcomings of the previous plans

According to collector Asheesh Singh, senior officials have met IIT-Indore officials as work on detailed project reports (DPRs) for river cleaning projects will begin only after experts analysis.

"We have spoken to IIT and they are setting up a Kshipra Purification Cell. Experts there are now planning afresh, based on population demand, assessment, and CPHEEO guidelines. The work done so far was without considering the population and the increasing load. This is why STPs and lines that were laid could not bear the sewage load," he said. TNN