Rajasthan gets Award for Smart Water Supply Monitoring System

Why In News?

- On August 25, 2022, In the 3rd Digitech Conclave-2022 held in New Delhi, Rajasthan was awarded for its remarkable work in installing IoT based Smart Water Supply Monitoring System.

Key Points

- Rajasthan's Public Health Engineering and Ground Water Minister Dr. Mahesh Joshi received this award.
- Dr. Joshi said that Rajasthan has installed IoT based smart water supply monitoring systems in most villages under a pilot project using digital technology.
- IoT (Internet of Things) based smart water supply monitoring systems have been installed for real-time monitoring of drinking water supply through taps in 15 villages of Jaipur district selected under a pilot project in Jal Jeevan Mission.
- In this system, sensors have been installed at the beginning of the drinking water supply line, branch node and tail node of the pipeline. These sensors have been connected to the Internet. Data collected by sensors is exchanged and monitored through the Internet.
- Through the sensors, it is also known that the water in the tank is pure and there is no contamination in it. Also, data on the water that the tail end consumer is getting, what is the pressure of the water, how the flow is, the pH value, TDS, chlorine and fluoride, the data is also received from the sensors.

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