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## Low Cost Sensor Network and Mobile App Launched in Jaipur | Rajasthan | 15 Mar 2022

### Why in News

On March 14, 2022, Chairman of Rajasthan State Pollution Control Board Vinu Gupta launched the Low Cost Sensor Network and its mobile app in Jaipur city.

### Key Points

- Under the joint aegis of Rajasthan State Pollution Control Board and IIT Kanpur, low cost sensors have been installed at 40 different places in Jaipur city.
- These sensors will not only get to know about the pollution hot spots in the city, but the causes of pollution at that particular place can also be monitored.
- Through these sensors, comprehensive information will be given about the air quality of the city, on the basis of which better plans can be made to reduce air pollution after investigation.
- The data received from these sensors will also be available to the general public through web portal and mobile app. This data will also be sent regularly to the concerned departments, so that appropriate decisions can be taken for pollution control in the city with the coordination of all and the goal of sustainable development can be met.
- Display boards with sensors will also be installed at 5 places in Jaipur - Yaadgar, State Pollution Control Board Regional Office VKI, Secretariat, Sanganer Airport and Pollution Control Board Office Complex Jhalana. Dust particles, fine dust particles and air quality index will be displayed on these boards for the public.
- These sensors are of low cost as well as small in size and easy to install. Their monitoring is also easy, whereas manual stations apart from being larger in size are more costly and require more care in their operation and maintenance.
- It is noteworthy that the Large Scale Multi City Dens Urban IoT Real Time Air Quality Monitoring Network in India project is being run by IIT Kanpur in collaboration with Ericsson India. Under this, apart from Jaipur, low cost sensors have been installed in Kanyakumari, Chennai and Guwahati.