

APPLICATIONS (APPS) DEVELOPED BY CPCB FOR ANDROID DEVICES

CPCB has developed following Applications for Android devices and are placed at Google Play store.

1. **STP Monitoring App** - Monitoring of STPs
2. **Ganga Shravan Abhiyaan (GSA)** - River Ganga water quality monitoring
3. **Bio-Monitoring Field Protocol** - Biological assessment of Surface water bodies
4. **Sameer** - Display of National Air Quality Index Values

STP Monitoring App

Domestic waste-water is an important factor contributing to pollution of water-bodies. At present , there is no centralized system for monitoring of Sewage Treatment Plants (STPs) .

To address the issue, a mobile based “STP Monitoring Application” has been developed by CPCB and the same has been launched by Hon’ble Union Minister of State, Shri Babul Supriyo on 23.09.2020. This App will facilitate information flow from STPs to Urban Local Bodies, States and Central level and 1600+ STPs will be linked. This App can be downloaded from the Mobile App Store.

Information on capacity and qualitative parameters like pH, TSS, COD, BOD and Faecal Coliform will be reported and the same will be updated on weekly basis. It will help in close monitoring of STP performance. [DOWNLOAD STP Monitoring APP](#)

Ganga Shravan Abhiyaan

Ganga Shravan Abhiyaan is an APP with the Web-portal combined into the APP allowing the general citizen to take part in environmental surveillance. Through this APP public can participate in the policy decisions of the environment of their own surroundings. The APP facilitates display of data provided by the citizens on the dashboard and survey maps, in addition to findings of scientific surveys. Public can participate in the Mission Clean Ganga by providing the information on untreated industrial/domestic discharges, upload the photographs and provide valuable suggestions. [DOWNLOAD GSA APP](#)

Bio Monitoring Field Protocol

This APP is a tool for the biological assessment of surface water bodies and training purposes for the people who monitor the biological aspects of surface waters using the predefined biological parameters present in the water bodies. The APP itself provides step-by-step guidance for Bio-monitoring. The sampling site specific information is automatically updated by the APP. The APP allows adding various details including pictures through a simple data entry format. Once the data is entered, Saprobic score, Diversity Score and Biological Water Quality Class with colour indicator are displayed. The APP will serve the needs of the researchers, students and pollution control authorities for field monitoring of biological aspects of surface water bodies. [DOWNLOAD Bio Monitoring APP](#)

Sameer (National Air Quality Index)

Sameer, an APP provides hourly updates on the National Air Quality Index (AQI) published by CPCB. Air Quality Index is a tool for effective communication of air quality in single number, nomenclature and colour. Public can post complaints with pictures and provide valuable suggestions through the APP. [DOWNLOAD Sameer APP](#)