

Kerala Water Authority

Implementation of Tank Level Monitoring System at Athiramala for Pandalam Water Supply System

Business Case

The Managing Director, Kerala Water Authority, Thiruvananthapuram has accorded approval to implement the project “Emerging Technology-driven Continuous Drinking Water Supply Monitoring System for

Internet of Things

Pandalam Municipality Town” by KDISC. For implementing this project, we have to choose the appropriate Technology partner who has done similar work in the area. The current selection process is likely to take considerable time, though efforts are on to streamline and shorten this process. Therefore, in order to have quick visibility in the project, we had chosen just level monitoring of the Athiramala tank alone for pilot implementation first using the emerging technology adopted.

Outcome/Benefits

- ▣ Provided man-machine interface to monitor the Athiramala tank level continuously so that water-dry and water-overflowing situations will not occur and facilitate appropriate pump operation from sump tank at Kurampala.
- ▣ Presented the real-time information to all concerned
- ▣ % water supply availability in Zone -III is computed

