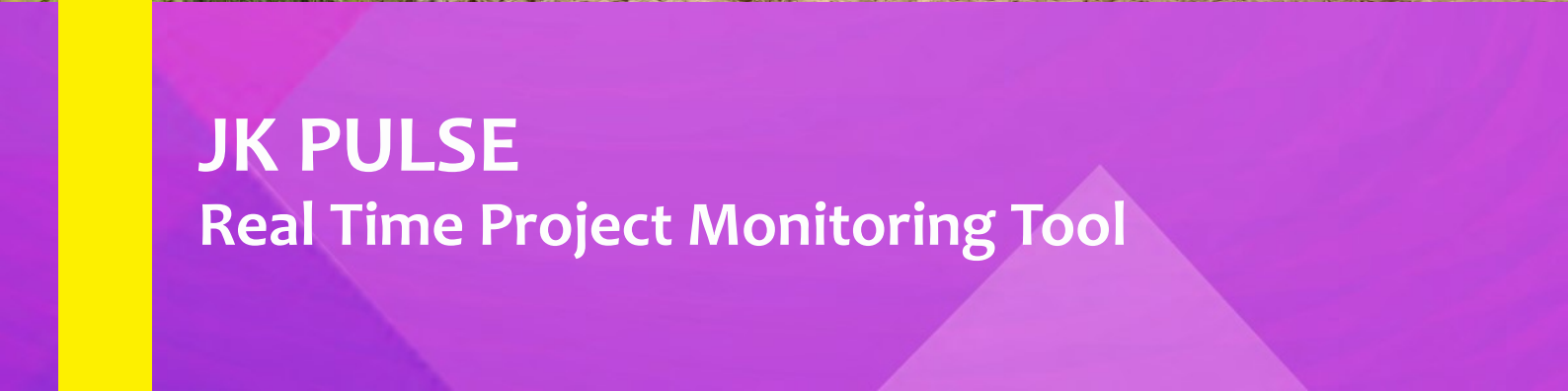




**JK PULSE**  
Real Time Project Monitoring Tool



The 'JK PULSE' is a project monitoring tool. This application has been developed on Android platform for use by field officers. The application has two components. While the Mobile Application is installed on Mobile Phones, the Web Application is used for MIS, database and report viewing at the Headquarters, Sub-Headquarters.

The objective of the project is real-time monitoring and supervision of various schemes/ development works of different departments. With this application, the field officers can capture the photographs/ Videos embedded with Geo tag (Longitude/ Latitude) along with date time stamp of the development works in real time, which facilitates the top- level administration to effectively monitor the development works.

The mobile application facilitates the Inspecting Officers to append their comments and status reports of the scheme along with the photographs and videos,

which are embedded with Geo Tags (Location coordinates) and Time Stamp (Date and Time) leaving minimal chance of status tampering. The Picture /Videos/ Status once captured/ submitted by the inspecting officer is beyond his purview for deletion or editing. In the absence of connectivity the application works in offline mode and the inspection report automatically gets uploaded in the system once the device enters a zone with connectivity.

Hierarchy of level is maintained and the access level is secured. Level 1 is the cutting edge level viz., village level officers, supervised by block level officers and then level 3 is for Deputy Commissioner and at top level-4, is for State level officers. User of one block/ district is unable to use the application in another block/ district. The provision of backward communication enables the higher officers to send messages to the subordinate levels in case of any priorities.





The application has been integrated with the Budget application Budget Estimation and Allocation Management System (BEAMS) of the Finance Department of the UT of J&K. BEAM application is an online platform used for budget allocation and expenditure authorization to different Departments by the Finance

Department. The application has also been integrated with Google Maps.

The Web Application facilitates, MIS Reports in .xls format and can be extracted with picture and comments of the official inspecting the site in pdf format. The reports can be extracted in standard format

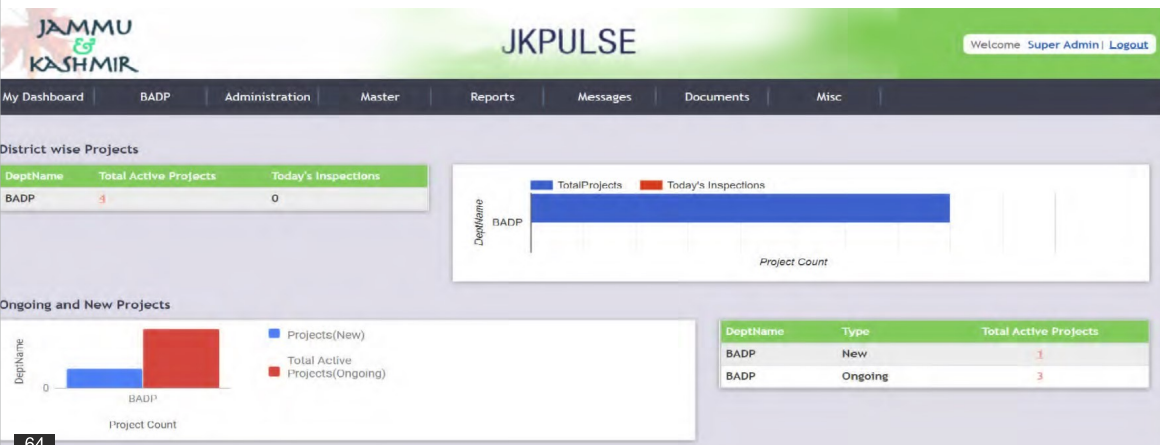
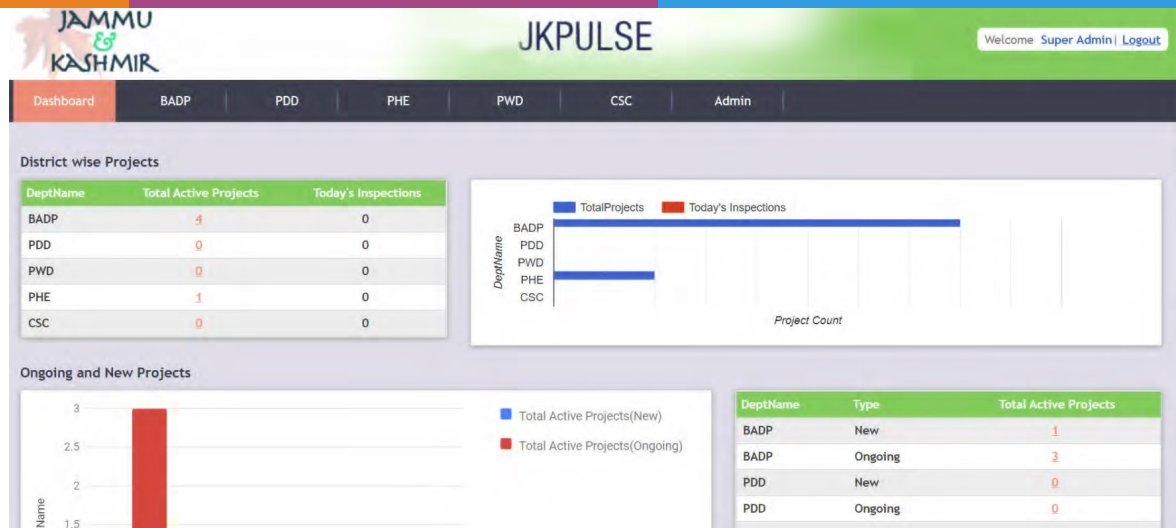
in real-time. It also enables a dashboard view of the inspection being carried out in different districts of the State like schemes inspected & pending, etc.

The commencement of JK-Pulse Project Monitoring tool has ushered more transparency and

accountability in the monitoring process. Real-time monitoring facilitates higher authorities to take decisions and corrective measures faster, in respect of any project/ schemes. The project can be extrapolated to the activities of any other department on a very short notice.

Till October, 2020 the application was rolled out in the following departments:-

- a) Planning Development & Monitoring Department for monitoring the works in border districts of UT under the Border Area Development Programme (BADP) of Government of India.
- b) Jal Shakti Department (Erstwhile Public Health Engineering & Irrigation and Flood Control Department), J&K for monitoring its development works.
- c) Public Works Department (PWD) for monitoring of different schemes and works.
- d) Police Housing Corporation (PHC) and Police Construction department of the Home department of UT
- e) Power Development Department (PDD)



The capturing of the longitudes and latitudes of development works has been made mandatory by the Finance Department of UT and therefore the said application (JKPULSE) shall be implemented in the rest of the departments where ever required.