PUNJAB
PWD (B&R)
Digital Dashboard

UNLEASHING POWER OF TECHNOLOGY IN BUILDING PUNJAB AS ONE OF THE LEADING STATES

DIGITAL Punjab Vol. 7

S. Bhagwant Mann
Hon'ble Chief Minister, Punjab

S. Harbhajan Singh
Hon'ble Power & Public Works Minister

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- Engineering & Project Management Module (EPMS)
- PWDIMS – Asset Management Module
- Property Access Management Module
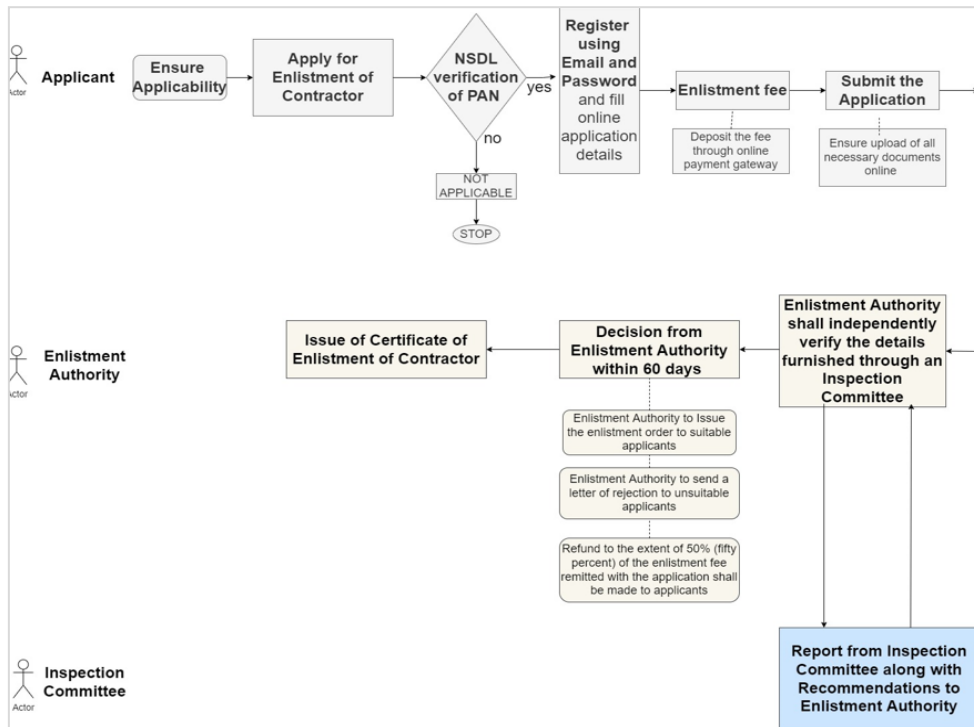- iRAD (Integrated Road Accident Database)

Sh. Anurag Verma, IAS
Principal Secretary, Public Works Department

Sh. MS Jaggi, IAS
Secretary Public Works Department

Sh. B S Tuli
Chief Engineer (PRBDB) - cum- Jt. Secretary

Complete Digitization of Enlistment of Contractor Service

The purpose of enlistment is to empanel experienced, suitable and competent contractors to carry out works of PWD B&R so as to minimize requirement of verification of credentials of intending contractor at the time of individual tenders. After taking Enlistment of Contractor for Class I and II works, in online mode along with NSDL verification of PAN number of enlisting contractor, now Enlistment of Contractors for works of Class III & IV is also fully digitized and is being available online.

Imp. URLs for Field Offices of PWD (B&R)

1. **Public Works Department Integrated Management System**
   https://pwdims.pwdpunjab.gov.in
2. **Website of PWD Punjab**
   https://pwdpunjab.gov.in
3. **Website of PRBDB**
   https://prbdb.punjab.gov.in
4. **Database of all Central enactments and their subordinate legislations**
   https://www.indiacode.nic.in
5. **Punjab Government Email**
   https://email.gov.in

PWD-B&R marching digitally for making PUNJAB – the most promising State

Engineering & Project Management Module (EPMS)

After completion of the Tendering process, the award letter is also processed through the EPMS module. Once the work is awarded, preparation of mobilization advance and running bills are also prepared in the EPMS module.
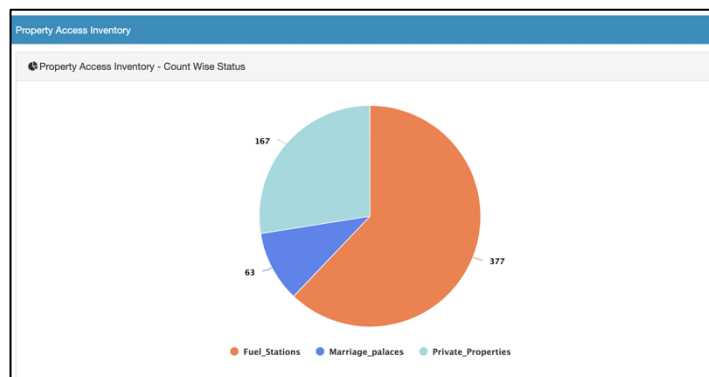
EPMS (Engineering & Project Management System) is one of the key modules of PWDIMS and is being extend to other State Engineering Departments to enable swift inter-departmental coordination.

It facilitates creation of estimates for approval of works. The hierarchy and the approval matrix are mapped to form the workflow. Engineer first prepares Abstract works estimate. These works estimates are then sent for AA and TS through workflow engine. TS is accorded by a competent authority and enables concerned Engineer to prepare Tender documents containing standard clauses, general information with Bid Forms and BOQ for tendering within the EPMS system.
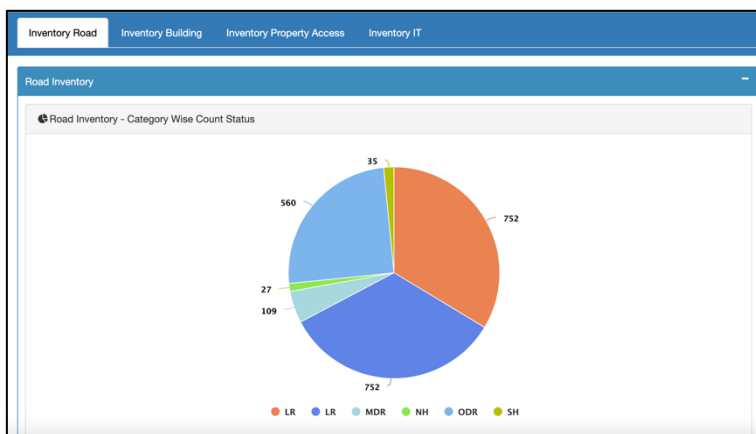
Property Access Management Module

The grant of access to various properties (marriage places, fuel stations, private properties) along the State roads has been digitized and information is made accessible in the assets management module of PWDIMS.

By way of digitized and structurally stored data, pertaining to grant of access, monitoring of upcoming due charges for access/renewals, both one time and recurring, has been automated and alerts are designed into the application. The system generates alerts one month in prior, so that appropriate action can be initiated without lapse in time.

PWDIMS - Asset Management Module

The aim of Asset Management module in PWDIMS is to capture the asset information of Roads, Bridges & Buildings in a structured manner. The details of Road, Building & Bridges, its inventory details and data on progress of work/condition of Roads, Buildings& Bridges are filled by concerned field officer and can be viewed in detail and summary report by the concerned Chief Engineer.
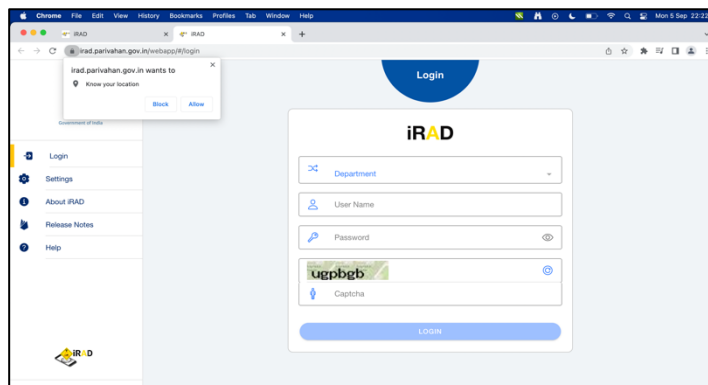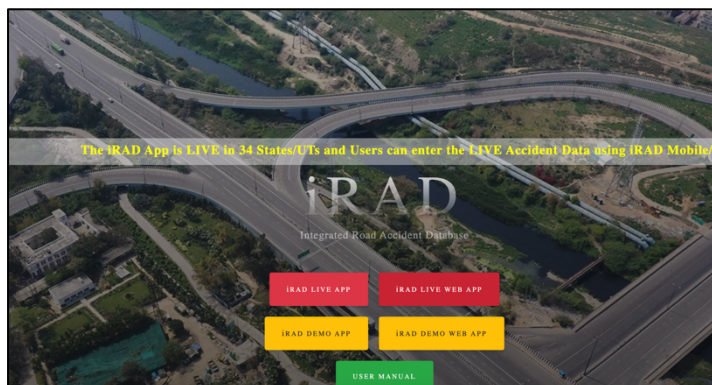
In addition, details with respect to the grant of allocation provided to fuel station, marriage palaces and commercial establishments is being managed through Asset Management Module. Also complete details of the IT equipment procured under various project heads and installed at various locations /offices of the department is maintained.

PWD-B&R creating effective, efficient platform for Work Execution

iRAD (Integrated Road Accident Database)

The Integrated Road Accident Database (iRAD) Project is an initiative of the Ministry of Road Transport and Highways (MoRTH), Government of India and is funded by World Bank, with objective to improve road safety in the country.

The main objective of the project is development of Integrated Road Accident Database (iRAD), to enrich the accident databases from every parts of the country. The project would generate various types of insights by analyzing the collected road accident data across the country through implementation of data analytics technique. The proposed system would represent the analysis output through Monitoring & Reporting Dashboard & Analytics Dashboard for easy understanding and accordingly forecasting & Decision Making by Apex Authorities for formulation of new policies & strategies. The outcome of the project would be enhanced road safety i.e. **'Safe Road for All'** _in India.

Ease of Doing Business Initiative of Department of Industries, Government of Punjab in Coordination with Department of Promotion for Industry & Internal Trade

Road Cutting Permission

Under the Ease of Doing Business (EODB) initiative, the Department has automated road cut permission (RCP) service which is now available online. The entire process of application to grant of road cutting permission has been transformed digitally to ensure timely delivery of service to the people of the State.

An online payment gateway has been established and integrated with the Road Cutting Permission service wherein the requester can deposit the fees online. The RCP notification has been published and the service has been delivered within a period of 24 days.

URL for accessing Road Cutting Permission Services:
https://eodb.punjab.gov.in/RoadCuttingPermissionService.aspx

Mobile Tower Clearance

With an aim to facilitate the end user with the ease of availing the service, the Mobile Tower Clearance service has been made available through the Business First Portal of the State Government wherein the *Applicants can apply through a common application form (CAF) along with onetime fee which will be received in the O/o Deputy Commissioner.*

The said application would be forwarded by the office of Deputy Commissioner to the concerned Appropriate Authority through nodal officer.

URL for accessing Mobile Tower Clearance Services:
https://pbindustries.gov.in/webportal/login

PWD-B&R creating effective, efficient platform for Work Execution

Star Performers of PWD - B&R

Er. Bhupinder Singh Tuli
Chief Engineer -cum-
Joint Secretary, PRBDB
Exemplary Services rendered in delivering works at the State and National Level

Er. Davinder Bajaj
Executive Engineer
Dedicated & Hardworking Officer with outstanding Work Execution in NH Ropar

Er. Prakul Kumar
Sub-Divisional Engineer
Outstanding work execution in Bridge Projects

Er. Avidesh Goyal,
Sub-Divisional Engineer
Exemplary support and coordination for Building Projects

Mrs. Ikwinder Kaur
Assistant Manager (IT)
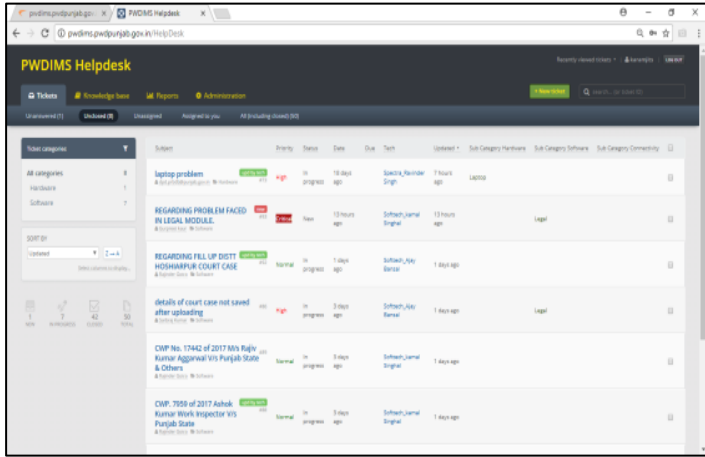Excellent work execution for e-Office Back Operations / Helpdesk

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FOR MORE INFORMATION

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Helpdesk

- A dedicated helpdesk has been established in PRBDB, SCO 60-61, Phase 2, Mohali office for addressing issues & concerns of the PWD Users relating to all types of Hardware, & Software Issues.
- The users of PWD-B&R can raise tickets based upon the type of the issues, which are handled by Technical Experts for a quick and a prompt resolution.
- The Help desk is also supported through telephonic support where the users of PWD-B&R can call and get their issues registered.

Dial PWD Helpdesk

For PWDIMS
0172 – 5134663

For e-Office
0172 – 5134665

For Hardware
0172 – 5134608

or raise a ticket at
http://202.164.54.243:8081

PWD-B&R taking steps for contribution to DIGITAL PUNJAB