



PUNJAB PWD (B&R) Digital Dashboard

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

DIGITAL Punjab Vol. 10



S. Bhagwant Mann
Hon'ble Chief Minister,
Punjab



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

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Public Works Department Transfer Posting Module (PWDTPM)

In order to automate and enable faster updation of the employee transfer, posting data relating to the employees of the department an online platform has been created. This platform enables to update the details of the employees i.e Posting Place, Retirement, Additional Charge, Deputation, etc on real-time basis which gets instantaneously published in the public domain on the PWD Punjab Website.

This application has not only made the overall process of updating of data faster but has also resulted in availability of updated information at all times through anytime anywhere access.

The user data updated using the PWDTPM application is published on to the Departmental Website (PWD Punjab) and is available in various forms such as:

- a) Designation wise reports (CEs / SEs/ EEs/ SDEs)
- b) Employee Posting Details bifurcated into field offices along with the hierarchical distribution.
- c) Admin Console Reports (Retirement Report, Posting History, Deputation Report)

Further the PWDTPM application has also been linked with various other modules developed for the department like PWD PMS (Public Works Department Progress Monitoring System), Work Notices, Progress of Works, Contractors, etc.

The updation of the users w. r. t the mapping with offices, transfer posting is carried out in PWDTPM application and the same is automatically updated and replicated in all other modules, which means that one single central database is being managed for user management tasks.

URL for accessing PWDTPM: <http://202.164.54.246:8090/login> (Staging URL)



Sh. Priyank Bharti, IAS
Secretary
Public Works Department



Sh. Paramjyoti Arora
Chief Engineer (PRBDB) -
cum- Joint Secretary

PWD Spearheading e-Governance Initiatives through delivery of services

1. Enlistment of Contractors – Class I & II
2. Road Cutting Permission
3. Digital Signature Certificates
4. Mobile Tower Clearance

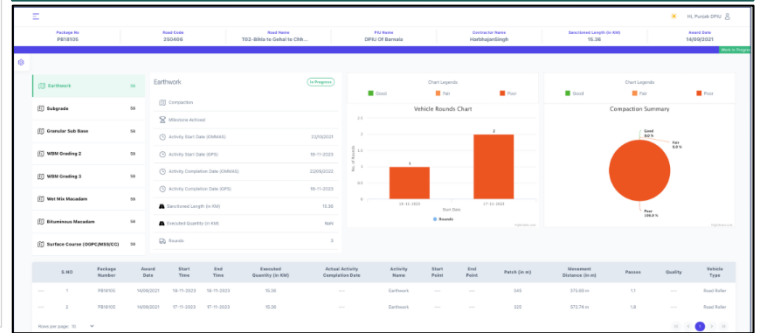
PWD-B&R striving to continuously achieve excellence in work execution

Analytical Reports - Vehicle Tracking System (VTS) for PMGSY Works

A Vehicle Tracking System (VTS) has been enabled for monitoring the execution of Pradhan Mantri Gram Sarak Yojna (PMGSY- III) works in the field offices. The intent is to establish a system for live tracking of construction vehicles / machinery / equipment along with various detailed activity reports that facilitate the administration of PMGSY works. The data collected from the GPS devices is made available to Geo Sadak application as per the requirements outlined by NRIDA.

Further as per the requirement of NRIDA (National Rural Infrastructure Development Agency), the VTS system has been provisioned with Management Dashboard to showcase the key performance indicator such as Alarm Reports, Routes, Geofences and Active Vehicles on live map and Analytical Reports pertaining to Compaction, Vehicle Passes along with Mobile App for Field Office usage. All the Field Offices have been enabled for online updation of the work being carried out on the respective strength under their jurisdiction.

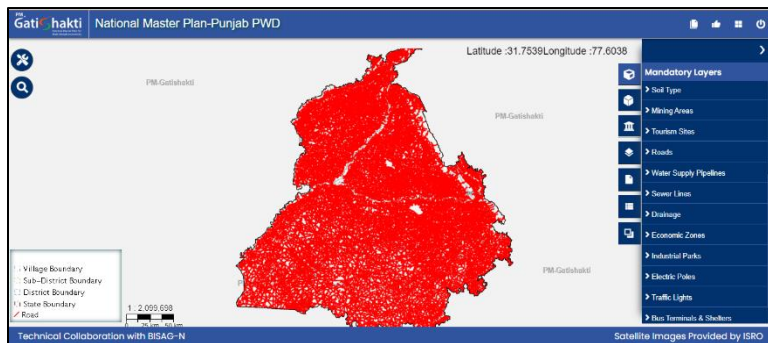
URL for accessing VTS for PMGSY Works:
<https://pmgsy-web.vercel.app>



State Master Portal - PM GatiShakti

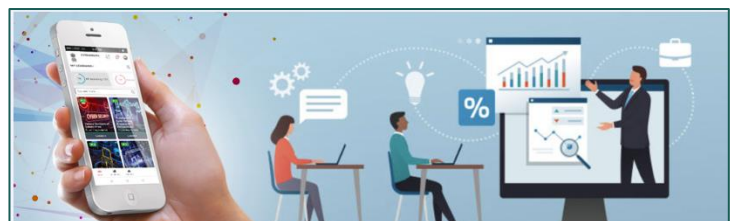


PM Gati Shakti will incorporate the infrastructure schemes of various Ministries and State Governments like Bharatmala, Sagarmala, inland waterways, dryland ports, UDAN etc. Economic Zones like textile clusters, pharmaceutical clusters, defence corridors, electronic parks, industrial corridors, fishing clusters, agri zones will be covered to improve connectivity & make Indian businesses more competitive. It will also leverage technology extensively including spatial planning tools with ISRO (Indian Space Research Organization) imagery developed by BiSAG-N (Bhaskaracharya National Institute for Space Applications and Geoinformatics).



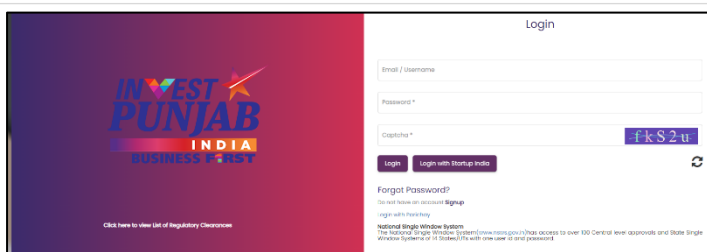
In order to constantly keep the geo-tagged data already published on the PM GatiShakti Portal i.e. Roads and related entities always updated, the State Master Portal extension with editing and updation rights for PWD has been created. At present, logins upto Circle Offices have been created and issued for use of Circle Offices. One time data pertaining to Plan Roads, Circle Boundary, Division Boundary, Black Spots, District Rural Road Plan (DRRP) has been published and the same is required to be constantly updated using the State Master Portal.

URL for accessing SMP PM GatiShakti:
<https://punjab.pmgatishakti.gov.in/stategatishakti/login>



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

Road Cutting Permission (RCP) Application



The Road cutting Application has been conceptualized to automate the road cutting permission services so as to ensure that the delivery of services to the people of the State of Punjab is delivered within the given time limits with proper tracking. The ultimate goal is to introduce reforms for service delivery which not only will make the entire service delivery efficient, effective but also transparent.

The entire process of application to avail the road cutting permission, conduct of inspection and applicability of fees is to be transformed digitally to ensure timely delivery of service to the people of the State.

The users can access the service by visiting the PWD Punjab Website and clicking the link of Road Cutting Permission under the Services link on the Home Page. In case the user already has an account created, he/she can login using the credentials but in case the user is a first-time user, he/she is required to click the link to create a sign up.

URL for accessing RCP Portal:

<https://pbindustries.gov.in/webportal/login>

Digital Signature Certificates - Importance & Usage

PRBDB has facilitated Class-III Digital Signature Certificate (DSCs) with a validity of 2 years for its field officers of PWD (B&R) through a rate contract with M/s Meditech Solutions.

The DSCs are required for digital signing, web form signing, user authentication, single sign-on and involved in e-procurement / e-governance applications, Signing GST documents, filing Income Tax returns, Form 16/16A e-filing, Registrar of Companies and VAT.

Issuance of Class-2 DSC has been discontinued from 1 Jan.-2021 as per CCA guidelines. Only Class- 3 DSC will be issued.

It is also informed that from 1st Jan-2021, DSC will be processed in a paperless manner. No DSC application form required.

Real time video recording and email verification is mandatory now.

The detailed procedure to obtain the DSCs is available on PWD Website which can be viewed by visiting the site with URL: <https://pwdpunjab.gov.in> then click on Services > Digital Signature Certificate link.

Presently the DSCs are mandatory to be used on e-Procurement Portal of the State Government and in case of any issues relating to the DSC the matter may be brought to the notice of Dy. Director IT, PRBDB, Mohali so that prompt action may be initiated or the users can be informed via mail on ddit.prbdb@punjab.gov.in

Facilities / Services available at PRBDB, Mohali

1. Training facility for hands-on training for 10 Engineers equipped with leased line connectivity.
2. Committee Room for 25 People equipped with LED, Projection system with Video Conference facility.
3. Dual Video Conference lines on Cisco Webex for carrying out VCs. Facility can be available by getting the VC booked by sending mail on ddit.prbdb@punjab.gov.in
4. Staging Server for hosting application for testing and trial run of applications.
5. Support Desk for PWDIMS
6. Support Desk for e-Office
7. Support Desk for Hardware
8. Uploading and publishing of important orders, notification and content on PWD Punjab and PRBDB Websites.
9. Issuance of Digital Signature Certificates.
10. Mapping of Digital Signature Certifications on e-Procurement Portal.
11. Support relating to e-Procurement related issues.

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

1. Public Works Department Integrated Management System <https://pwwdms.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>
6. RTI Portal- <https://rti.punjab.gov.in>
7. OMMAS - <https://omms.nic.in>
8. State Portal on PM Gati Shakti - <https://nmp.pmgatishakti.gov.in/stategatishakti>
9. GeoSadak - <https://geosadak-pmgsy.nic.in>
10. Road Cutting Permission - <https://pbindustries.gov.in/webportal/login>
11. WOMS - <http://woms.pwdpunjab.gov.in>

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

Star Performers of PWD - B&R



Er. Arshdeep Singh
Superintending Engineer
 Exemplary Services rendered in executing multi-faceted projects in the Department



Er. Vipan Bansal
Superintending Engineer
 Hardworking Officer with excellent Execution of works in Faridkot & Bathinda Circles



Er. Inderjeet Gulati
Executive Engineer
 Hardworking and dedicated Officer, PMGSY Project, PRBDB, Mohali



Er. Vasu Mangla
Junior Engineer
 Outstanding work in Construction Division No. 3, Ludhiana



Er. Navdeep Singh Tiwana
Junior Engineer
 Outstanding Work for implementation of PWDIMS n Provincial Division No.2, Patiala

FOR MORE INFORMATION

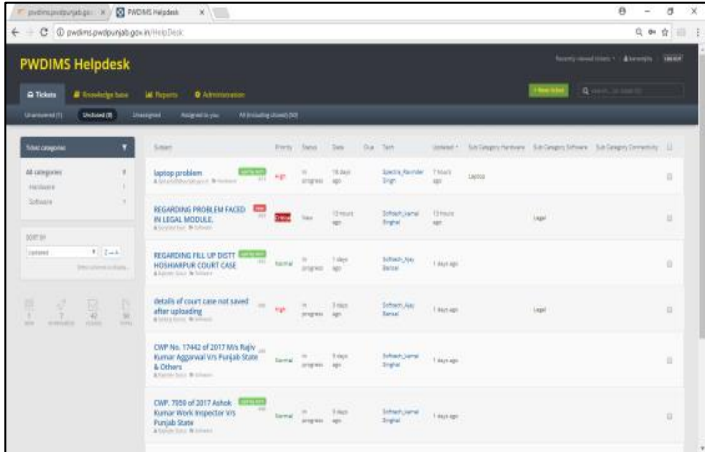
1. **Editor - Karamjit Singh**
 Deputy Director (IT)
 PRBDB, Mohali-160055
 E-Mail – ddit.prbdb@punjab.gov.in

Dial PWD Helpdesk
For PWDIMS
0172 – 5134663

For e-Office
0172 – 5134665

For Hardware
0172 – 5134608
 or raise a ticket on
 Helpdesk Application available on
<http://202.164.54.243:8081>

- 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.



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