

Mineral Management User Manual (Transport Login)



1.0 Introduction to Mineral Management System (MMS)

The **Mineral Management System** is a digital platform developed by the Directorate of Geology & Mining, Government of Uttarakhand. It is designed to make the process of managing minerals more transparent, efficient, and paperless.

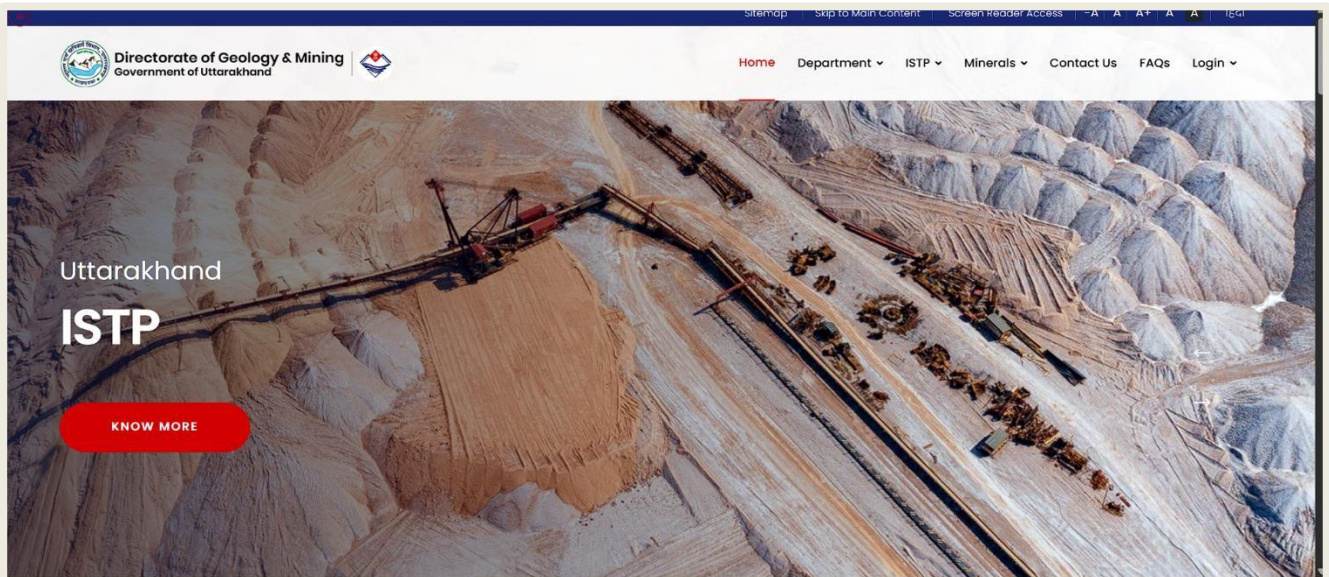
This system helps in tracking and controlling the movement of minerals from mining sites to their final destination, ensuring that everything happens legally and in an organized way.

1.1.1 Steps how to portal & interface

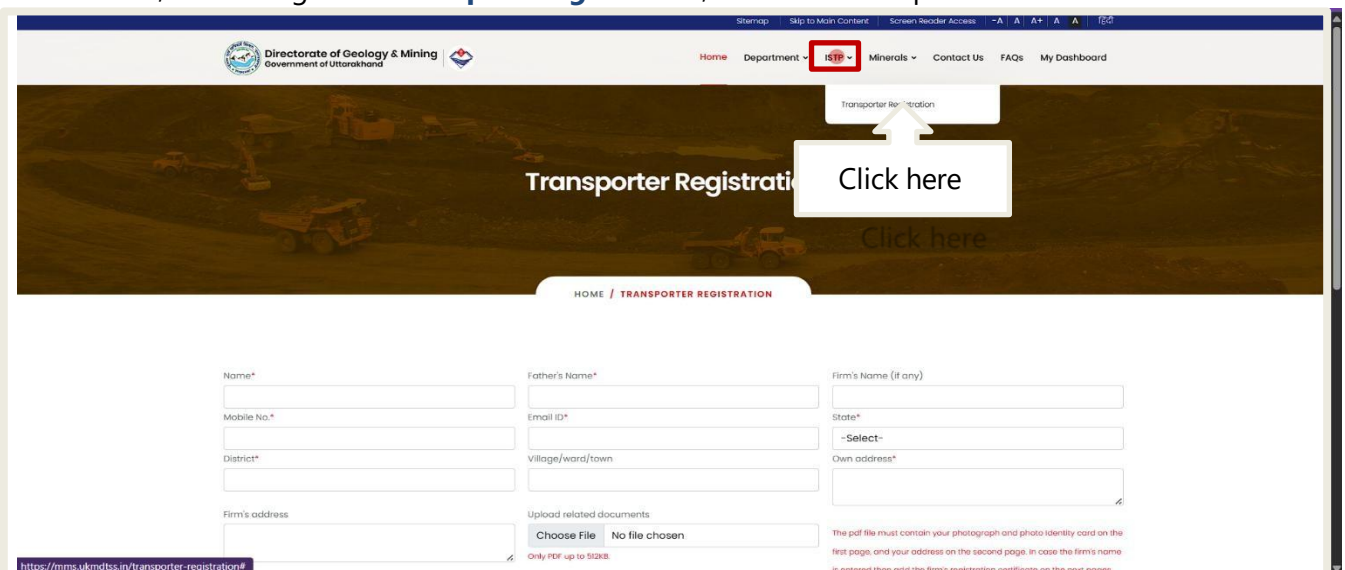
Go to search engine like **Google & Bing**

Enter url: <https://mms.ukmdtss.in/>

After that, you will see the portal screen



Click on **ISTP**, then navigate to **Transport Registration**, and select it to proceed.





Transporter Registration

HOME / TRANSPORTER REGISTRATION

Name*
Mobile No.*
District*
Firm's address

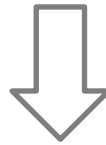
Father's Name*
Email ID*
Village/ward/town

Firm's Name (if any)
State*
Own address*

Upload related documents
Choose File No file chosen
Only PDF up to 502KB

The pdf file must contain your photograph and photo identity card on the first page, and your address on the second page. In case the firm's name is entered then add the firm's registration certificate on the next pages.

<https://mms.ukmdbs.in/transporter-registration#>



HOME / TRANSPORTER REGISTRATION

Name*
Mobile No.*
District*
Firm's address

Father's Name*
Email ID*
Village/ward/town

Firm's Name (if any)
State*
Own address*

Upload related documents
Choose File No file chosen
Only PDF up to 502KB

The pdf file must contain your photograph and photo identity card on the first page, and your address on the second page. In case the firm's name is entered then add the firm's registration certificate on the next pages.
पंजीकरण कागदों में पहले पते पर जानकारी सही हो और दोबारा पता और दूसरे पते पर जानकारी सही हो। यदि फर्म का नाम दर्ज किया गया है तो अगले पृष्ठ पर फर्म का पंजीकरण प्रमाणपत्र जोड़ें।
Fill Captcha Here*

OTP *
Send OTP

g 7 2 e
Fill Captcha Here*

SUBMIT

Please fill in all the mandatory fields in the form, then submit it. After submission, a success message will be displayed.

After completing the registration process, proceed to the Transport Login panel





Click over transport login

1.1.1.1 Analysis of User Interface Elements – Login Screen

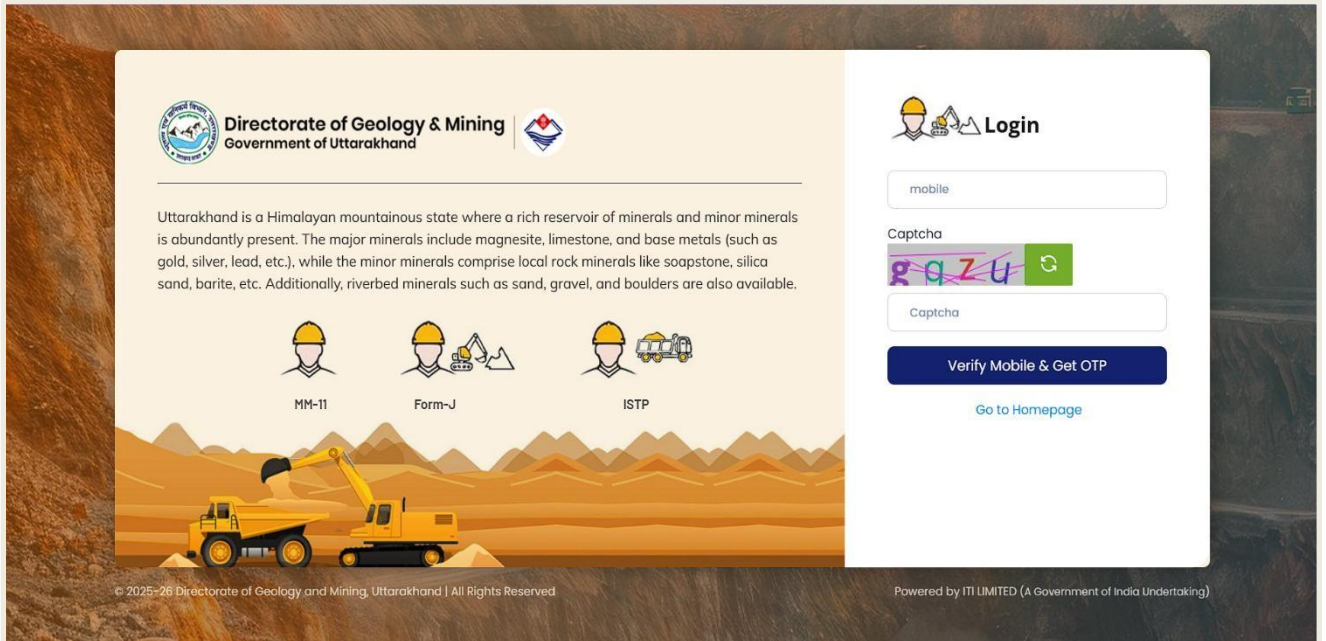
S#	Element	Description
1	Login tab	Located at the top-right corner of the navigation menu. Clicking it shows a dropdown.
2	Dropdown Menu	White box dropdown with four login roles: Officer, Lessee, Licensee, and Transporter.

1.1.1.2 Explanation of Each Login Option

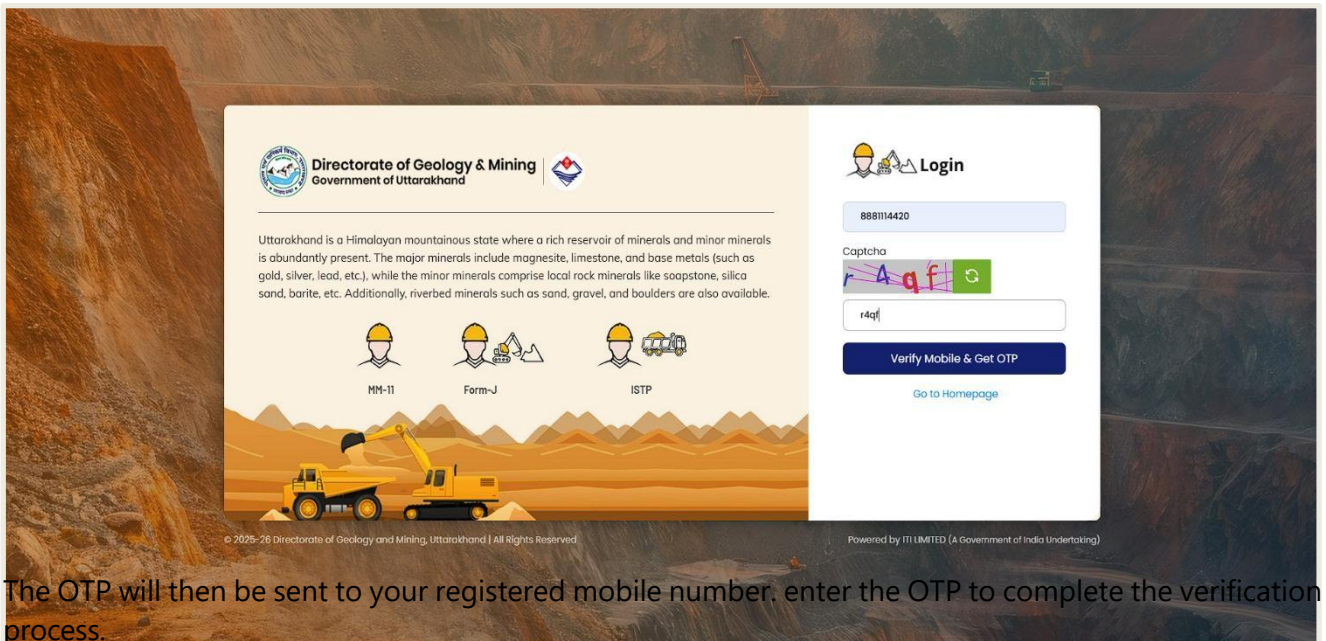
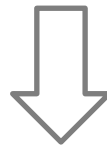
S#	Login Type	Who Should Use It	Functions
1	Officer Login	Government mining officers (MO, DM, DGM, etc.)	Approve permits, verify documents, view reports
2	Lessee Login	Companies or individuals with mining leases	Apply for mineral lifting/transit permits
3	Licensee Login	Those who have obtained stockist/dealer licenses	Manage stock entries, generate sale details
4	Transporter Login	Vehicle owners/operators transporting minerals	Generate/track vehicle passes, check trip status

Transport Login Interface Overview

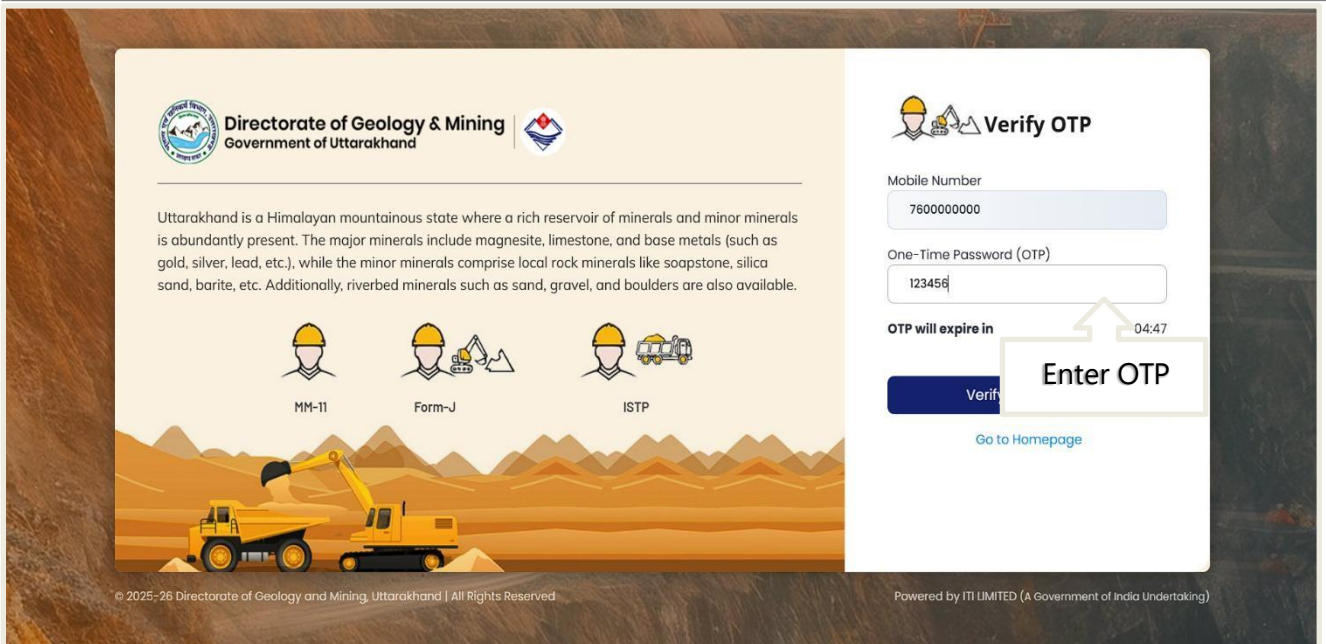




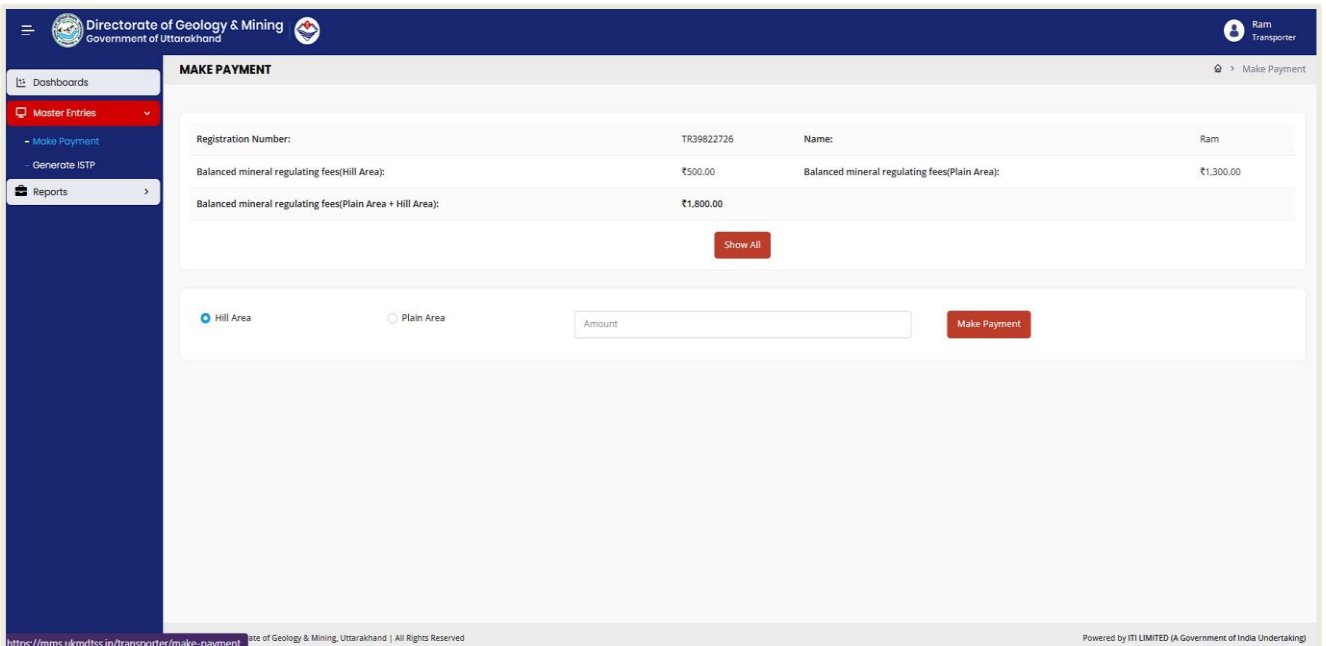
When you click on the Transport Login option, a simple login screen opens up. Here, you just need to enter your registered mobile number and the captcha code shown on the screen. Your **mobile number works as your login ID**. After filling in the details, you'll get an **OTP (One-Time Password)** on your mobile, which you can use to log in securely.



The OTP will then be sent to your registered mobile number. enter the OTP to complete the verification process.



Transporter panel interface



Purpose of this Screen

This screen allows the transporter to view and pay the Balanced Mineral Regulating Fees for both Hill Area and Plain Area.



1.1.1.3 Step-by-Step Process

S#	Action	Description
1	Login	Login to the Transporter Panel using valid credentials.
2	Navigate to 'Make Payment'	From the left-side menu, click on Master Entries → Make Payment.
3	View Amount	You will see your Registration Number, Name, and the pending balances: - Balanced Mineral Regulating Fees (Hill Area) - Balanced Mineral Regulating Fees (Plain Area) - Total Balance (Plain Area + Hill Area).
4	Select Area Type	Choose whether you are making payment for Hill Area or Plain Area by selecting the respective radio button.
5	Enter Amount	Enter the payment amount you want to pay in the Amount field. You may pay full or partial payment depending on the balance shown.
6	Click 'Make Payment'	After entering the amount, click on the Make Payment button to proceed.
7	Confirmation & Payment Gateway	The system may redirect you to a payment gateway (not shown in screenshot). Follow instructions to complete payment.
8	View All Dues (Optional)	You can click on Show All to see the full list of pending payments if multiple dues exist.

1.1.1.4 Field Details

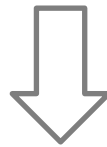
S#	Field Name	Description
1	Registration Number	Unique transporter registration ID
2	Name	Name of the registered transporter
3	Balanced Mineral Regulating Fees (Hill Area)	Outstanding fees for Hill Area
4	Balanced Mineral Regulating Fees (Plain Area)	Outstanding fees for Plain Area
5	Balanced Mineral Regulating Fees (Plain + Hill Area)	Total outstanding balance
6	Hill Area / Plain Area	Select area type for which payment is being made
7	Amount	Enter payment amount

Important Notes

- Ensure correct area type is selected before making payment.
- Keep transaction ID for future reference after successful payment.



After that click Generate ISTP





The screenshot shows a web application interface for generating an Inter-State Transit Pass (ISTP). The header includes the Directorate of Geology & Mining logo and the user's name 'Ram Transporter'. The left sidebar contains a menu with 'Master Entries' selected, which has sub-options for 'Make Payment' and 'Generate ISTP'. The main content area is titled 'Transit Pass Info' and contains the following fields:

- 1. Original Transit Pass / Ravanna No *
- 2. e-Way Invoice No
- 3. TP Generated Datetime *
- 4. TP Expiry Datetime *
- 5. Mineral Being Transported*
- 6. Weight (Ton) *
- 7. Vehicle Type*
- 8. Vehicle Registration No (Ex: UK07BB1234) *
- 9. Driver Name*
- 10. Driver's Mobile No*
- 11. Travel Time (In Minutes) *
- 12. Upload Transit Pass / Ravanna (Only PDF up to 512KB).

At the bottom of the form, there is a 'Generate ISTP' button and a file upload section with 'Choose File' and 'No file chosen' options. The footer contains copyright information: '© 2025-26 Directorate of Geology & Mining, Uttarakhand | All Rights Reserved' and 'Powered by ITI LIMITED (A Government of India Undertaking)'.

Purpose of this Screen

This module allows the transporter to generate ISTP (Inter-State Transit Pass) for mineral transportation within or outside Uttarakhand.

1.1.1.5 Overview

S#.	Action	Description
1	Login	Login to the Transporter Panel with your valid login ID.
2	Navigate to 'Generate ISTP'	From left-side menu, click on Master Entries → Generate ISTP.
3	Select Delivery Type	Choose from: - Deliver in Uttarakhand - Travel in Uttarakhand
4	Enter Seller Information	Fill seller details as mentioned in seller section (explained below).
5	Enter Purchaser Information	Fill purchaser details depending on whether purchaser is registered or not in Uttarakhand.
6	Enter Transit Pass Info	Fill all transit pass details (explained below).
7	Upload Document	Upload Transit Pass / Ravanna copy (PDF only, max 512KB).
8	Click 'Generate ISTP'	After verifying all fields, click Generate ISTP button to generate the pass.



1.1.1.6 Detailed Field Explanations

S#.	Action	Description
1	Login	Login to the Transporter Panel with your valid login ID.
2	Navigate to 'Generate ISTP'	From left-side menu, click on Master Entries → Generate ISTP.
3	Select Delivery Type	Choose from: - Deliver in Uttarakhand - Travel in Uttarakhand
4	Enter Seller Information	Fill seller details as mentioned in seller section (explained below).
5	Enter Purchaser Information	Fill purchaser details depending on whether purchaser is registered or not in Uttarakhand.
6	Enter Transit Pass Info	Fill all transit pass details (explained below).
7	Upload Document	Upload Transit Pass / Ravanna copy (PDF only, max 512KB).
8	Click 'Generate ISTP'	After verifying all fields, click Generate ISTP button to generate the pass.

1.1.1.7 Purchaser Information

S#	Field Name	Description
-	Registration Status	Select whether Purchaser is registered in Uttarakhand or not
1	Purchaser Reg No.	Enter purchaser registration number
2	Purchaser Name	Enter purchaser's name
3	Purchaser State	Auto-filled based on registration
4	Purchaser District	Select purchaser's district
5	Purchaser Tehsil	Enter purchaser's tehsil
6	Village/Ward/Town	Enter village/ward/town
7	Purchaser Address	Enter complete address



1.1.1.8 Transit Pass Info

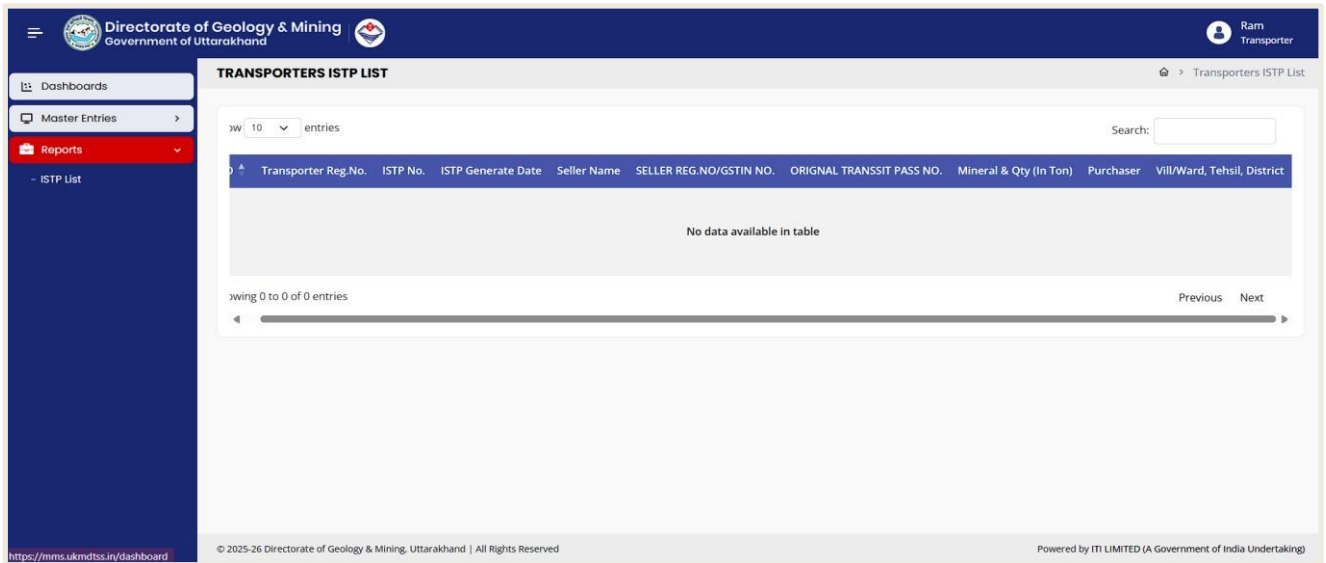
S#	Field Name	Description
1	Original Transit Pass / Ravanna No.	Enter previous transit pass or Ravanna number (mandatory)
2	e-Way Invoice No.	Enter e-Way bill/invoice number
3	TP Generated Datetime	Enter date & time of generation of Transit Pass (mandatory)
4	TP Expiry Datetime	Enter expiry date & time of Transit Pass (mandatory)
5	Mineral Being Transported	Select type of mineral being transported (mandatory)
6	Weight (Ton)	Enter weight of mineral load in tons (mandatory)
7	Vehicle Type	Select vehicle type from dropdown (mandatory)
8	Vehicle Registration No.	Enter vehicle number in format (eg. UK07BB1234)
9	Driver Name	Enter full name of driver (mandatory)
10	Driver's Mobile No.	Enter mobile number of driver (mandatory)
11	Travel Time (in minutes)	Enter estimated travel time in minutes (mandatory)
12	Upload Transit Pass / Ravanna	Upload PDF file (max 512KB)

Important Notes

- All fields marked with * are mandatory.
- Upload only PDF file formats under specified size limit.
- Ensure data accuracy before generating ISTP to avoid rejection.
- Transit Pass generation is mandatory before transportation.



After that click Report section



Purpose

This screen allows the transporter to **view, search, and verify all previously generated ISTP records**. It works like a report/dashboard for monitoring and tracking issued Transit Passes.

1.1.1.9 Step-by-Step User Flow

S#	Action	Description
1	Login	Login into Transporter Panel using valid credentials.
2	Navigate to ISTP List	From left-side menu, click Reports → ISTP List.
3	View ISTP Records	The system displays a table listing all previously generated ISTP passes (if any exist).
4	Use Search Option	Enter any keyword (like Transporter Reg No, Seller Name, ISTP No, etc.) in the search box to filter specific records.
5	Navigate Pages	Use Previous and Next buttons to navigate between pages if multiple records exist.
6	View Columns	The table shows following information: - Transporter Reg. No - ISTP No - ISTP Generate Date - Seller Name - Seller Reg. No / GSTIN No - Original Transit Pass No - Mineral & Quantity (Ton) - Purchaser Details (Vill/Ward, Tehsil, District)



1.1.1.10 Field Explanation

S#	Column Name	Description
1	Transporter Reg. No	Registered transporter ID
2	ISTP No	Unique ISTP (Inter-State Transit Pass) number
3	ISTP Generate Date	Date of pass generation
4	Seller Name	Name of seller
5	Seller Reg. No / GSTIN No	Seller's registration/GST details
6	Original Transit Pass No	Reference number of previous transit pass

After that click Add Vehicle inside Master Entries

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Purpose

The primary purpose of the **Vehicle Add & Verification module** in the Directorate of Geology & Mining (Uttarakhand) portal is to:

Enable registered transporters to add their vehicles into the mining transportation system, ensuring only authorized and valid vehicles are used for mineral transport.

1. Navigation

- User logs in as Transporter
- Sidebar menu → Click Master Entries
- Submenu opens → Click Add Vehicle
- User is redirected to the "Add Vehicle" form panel

Fill Vehicle Form

User sees three input fields on the form:



2. Vehicle Number*

Format example shown: UK07BB1234

Input: e.g., UK32XY6162

Field is **mandatory**

3. Engine No*

Only last **5 digits** of engine number

Input: e.g., 8R745

Field is **mandatory**

4. Chassis No*

Only last **5 digits** of chassis number

Input: e.g., 42935

Field is **mandatory**

All fields must be filled before validation

Click "Validate" Button

The screenshot displays the 'ADD VEHICLE' form in a web application. The form includes fields for Vehicle Number* (with an example UK07BB1234), Engine No* (last 5 digits), and Chassis No* (last 5 digits). The Vehicle Number field contains 'UK32XY6162', Engine No contains '8R745', and Chassis No contains '42935'. A 'Validate' button is visible. Below these fields are fields for Owner Name*, Owner Mobile Number*, District*, and Upload RC Document*. A modal dialog box is centered on the screen, displaying a green checkmark icon, the text 'Verified', and 'Vehicle registration number verified successfully.' with an 'OK' button. The footer of the page contains copyright information for the Directorate of Geology & Mining, Uttarakhand, and ITI LIMITED.

System Response

If validation **fails**:

- Show validation error: e.g., "Vehicle already exists" or "Invalid engine number format"

If validation **passes**:

- Move to **next panel**



The screenshot shows the 'ADD VEHICLE' form with the following data entered:

Field	Value
Vehicle Number*	UK32XV6162
Engine No* (last 5 digits)	8R745
Chassis No* (last 5 digits)	42935
Owner Name *	test
Owner Address *	test
Owner Mobile Number *	123456789
Upload RC Document *	UKDGM-MMS-V.1.docx.docx
RC Expiry Date *	09-07-2025
District *	Tehri Garhwal
Generate Code *	146809

Step-by-Step Functional Flow

Step 1: Vehicle Validation

User fills

- Vehicle Number
- Engine No (last 5 digits)
- Chassis No (last 5 digits)

Clicks Validate

- System validates
- Vehicle format & duplication
- Engine/Chassis length and numeric/alphanumeric

If successful → unlocks remaining form fields



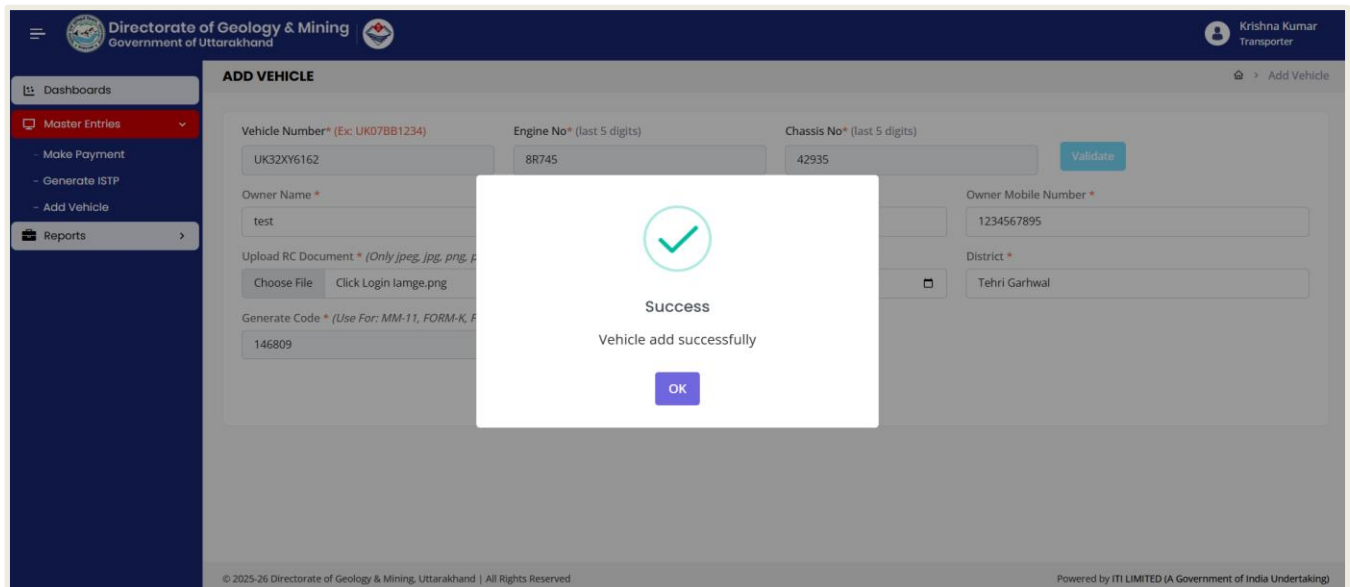
1.1.1.11 Fill Complete Vehicle Details

S#	Field Name	Input Type	Description
1	Owner Name*	Text	Vehicle owner's full name
2	Owner Address*	Text	Complete address of the owner
3	Owner Mobile Number*	Numeric	Valid 10-digit mobile number
4	Upload RC Document*	File Upload	JPEG, JPG, PNG, PDF (Max: 5MB)
5	RC Expiry Date*	Date	Date picker for valid RC expiry date
6	District*	Dropdown/Text	District where vehicle is registered

Step 2: Code Generation

- User clicks **Generate** next to "Generate Code"
- System generates a **unique 6-digit code**
- Purpose: The unique code is used to track and verify whether the vehicle is genuine and correctly linked to MM-11, FORM-K, FORM-J, and FORM-N. This ensures that only the registered and authorized vehicle is being used for mineral transportation.

Step 4: Form Submission



- User clicks Submit
- Backend actions:
- Saves all data to DB
 - Marks vehicle status: "Pending DMO Verification"
 - Notifies respective DMO for action
 - Acknowledgement sent to Transporter via dashboard or SMS/email (if implemented)



Then click Vehicle List inside Report

Purpose of This Panel

This **Vehicle Reports** panel provides a **summary view** of all vehicles added by the transporter. It allows the transporter to:

- Track the status of each submitted vehicle.
- View important vehicle and owner details.
- Regenerate or reuse the **Security Code**.
- Preview the uploaded RC document.
- Monitor the **approval progress** (Pending / Approved / Rejected).

1.1.1.12 Visible Fields in the Table

S#	Field Name	Description
1	ID	Serial number for record-keeping
2	Vehicle Number	Vehicle registration number
3	Security Code	System-generated unique code for MM-11, Form-K, Form-J, etc.
4	Regenerate Code	Button to generate a new security code if needed (possibly admin-controlled)
5	Engine No	Last 5 digits of engine number
6	Chassis No	Last 5 digits of chassis number
7	District Name	Registered district of the vehicle
8	Owner Name	Name of the vehicle owner
9	Owner Address	Address of the vehicle owner
10	Mobile	Owner's mobile number
11	RC Document	"View" button to open the uploaded RC file
12	Status	Current approval status (Pending in this case)



Key Benefits of This Panel

- Allows the transporter to **track real-time status** of vehicle submissions.
- Central place to **view/edit/resent** requests.
- Ensures transparency in the vehicle verification workflow.
- Links each vehicle with a **unique security code** for tracking and validation in further operations like MM-11 or ISTP generation.