

# Mineral Management System

## Mineral Management System (Transporter – User Manual)

*"The **Mineral Management System** is a digital platform for tracking, regulating, and optimizing mineral exploration, extraction, and distribution processes to ensure transparency, efficiency, and compliance with regulations."*

Prepared For



Directorate of Geology and Mining,  
Uttarakhand

Prepared By



ITI Limited

## Table of Contents

1.0	Introduction to Mineral Management System (MMS).....	2
1.1	Steps how to portal & interface.....	2
1.2	Login Screen Elements.....	4
1.3	Explanation of each login option .....	4
2.0	Transport login Interface overview.....	5
3.0	Dashboard.....	6
3.1	Purpose of the System.....	6
3.2	Step-by-Step Flow.....	6
4.0	Make Payments.....	7
4.1	Module Purpose.....	8
4.2	Step-by-Step User Flow .....	8
5.0	Generate ISTP .....	10
5.1	Step-by-Step User Flow .....	11
6.0	Add Vehicle.....	14
6.1	Step-by-Step User Flow .....	16
7.0	Report section.....	18
7.1	Step-by-Step User Flow .....	19
8.0	Vehicle list .....	22
8.1	Step-by-Step User Flow .....	22

## 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.

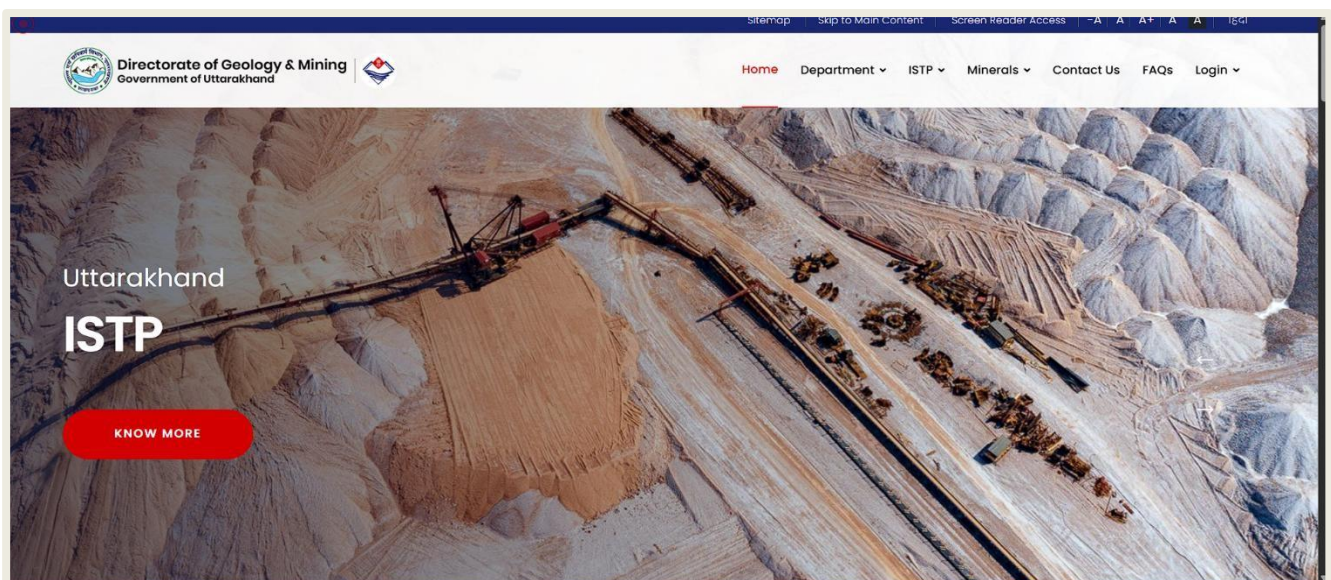
This system helps in tracking and controlling the movement of minerals from mining sites to their final destination, ensuring that everything happens legally and in an organized way.

### 1.1 Steps how to portal & interface

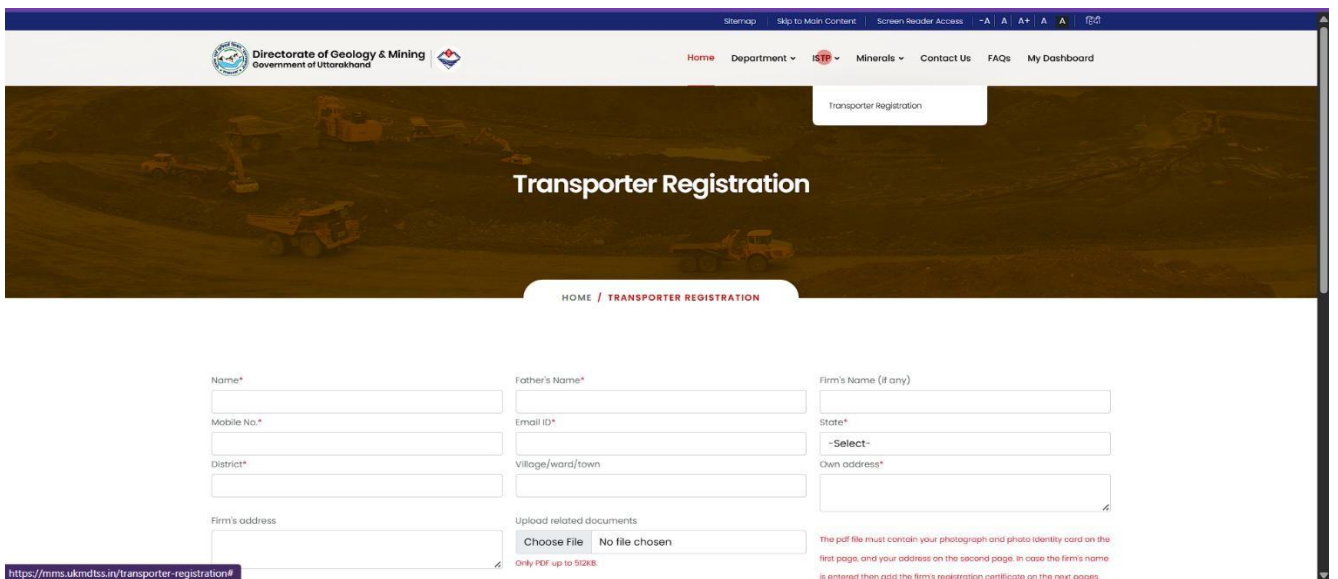
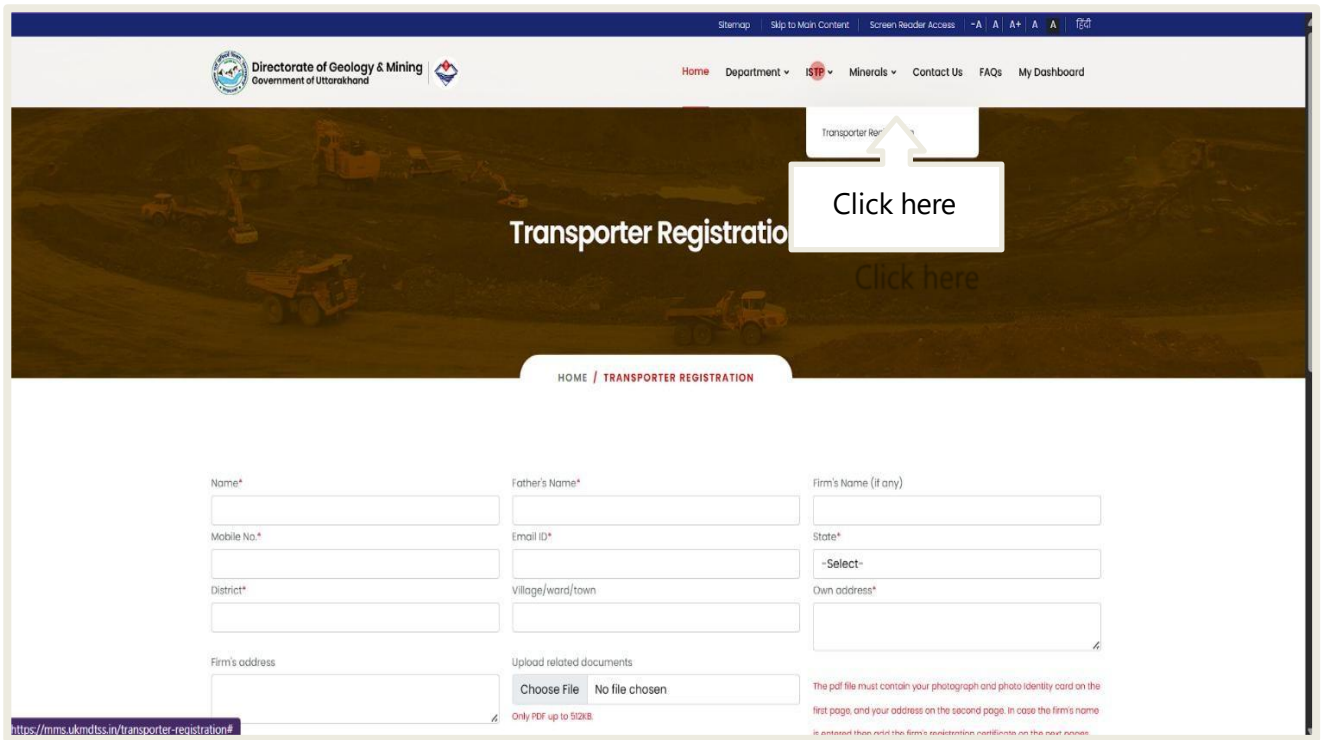
Go to search engine

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.



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

## 1.2 Login Screen Elements

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.

## 1.3 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

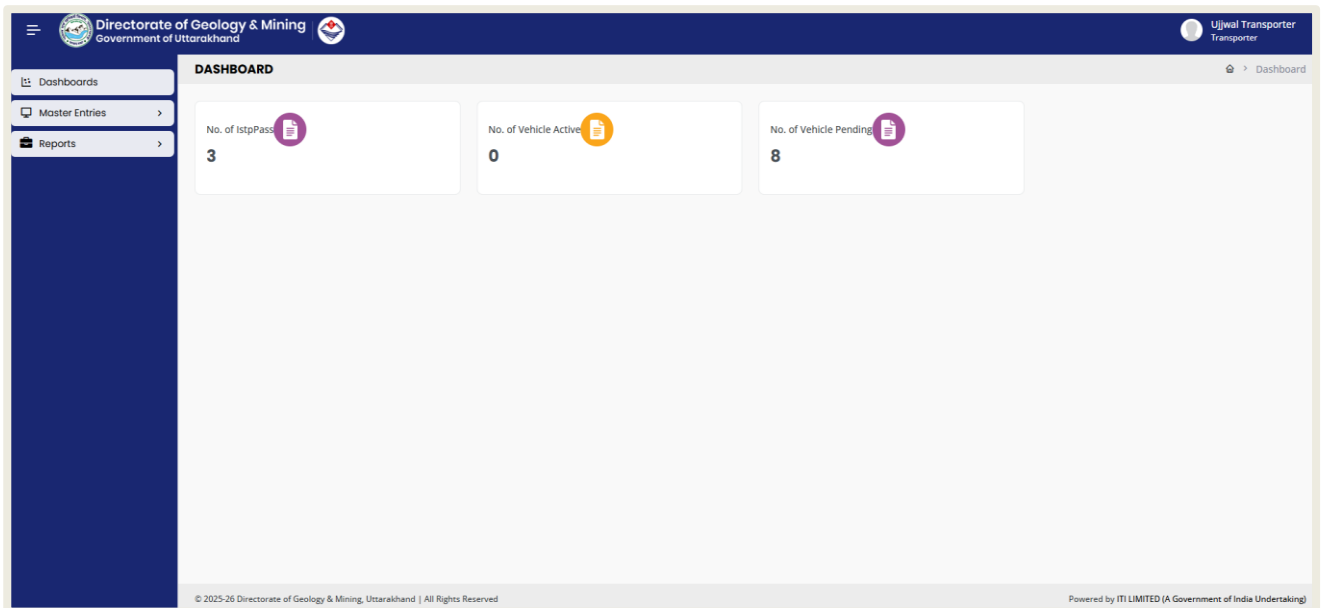
## 2.0 Transport login Interface overview



The screenshot displays the login interface for the Directorate of Geology & Mining, Government of Uttarakhand. The page features a header with the organization's logo and name. Below the header, a welcome message states: "Welcome to the Uttarakhand Directorate of Geology & Mining Please login with your credentials to access the portal. Authorized users only." Three user roles are listed: MM-1U/Form-K, Form-J/Form-N, and ISTP, each with a corresponding icon. The login form includes fields for "username", "password", and "Captcha", along with a "Login" button. Callouts point to these elements: "Enter Username" points to the username field, "Enter Password" points to the password field, "Captcha" points to the captcha field, and "Click to login" points to the Login button.

On this screen, users need to enter their Username, Password, and the Captcha code. After submitting the correct details, they will be logged in successfully. Upon successful login, the user will be redirected to the dashboard.

## 3.0 Dashboard



### 3.1 Purpose of the System

The Transporter Portal is developed to manage and monitor **mineral transportation activities** in a transparent and digital manner.

**The system enables transporters to:**

- View and manage transport passes (Istp / e-Transit Pass)
- Monitor vehicle approval and activation status
- Access transportation-related reports
- Ensure compliance with government regulations

### 3.2 Step-by-Step Flow

#### Step 1: User Login

- Open the Transporter Portal URL.
- Enter your **Username** and **Password**.
- Enter the **Captcha Code** (if displayed).
- Click on the **Login** button.
- On successful authentication, the system redirects the user to the **Dashboard**.

#### Step 2: Dashboard Access

- After login, the **Dashboard** is displayed.
- The dashboard shows summary cards:
- No. of IstpPass
- No. of Vehicle Active
- No. of Vehicle Pending
- User can quickly review current transportation status.



## 4.1 Module Purpose

The **Make Payment** module allows a **Transporter** to deposit **Mineral Regulating Fees** for:

- Hill Area
- Plain Area

This payment is required before generating or using **ISTP (e-Transit Pass)**.

## 4.2 Step-by-Step User Flow

### Step 1: Login to Transporter Portal

- Open the Transporter Portal.
- Enter **Username**, **Password**, and **Captcha** (if applicable).
- Click **Login**.
- System redirects the user to the **Dashboard**.

### Step 2: Navigate to Make Payment

- From the **left-side menu**, click on **Master Entries**.
- Select **Make Payment**.

### Step 3: View Transporter Details

On the Make Payment screen, the system automatically displays transporter information:

- Registration Number
- Transporter Name
- Firm Name
- Mobile Number
- Email ID
- Transporter Address
- Firm Address
- State & District
- Registration Date & Time

### Step 4: Check Available Balance

- The system shows the **available balance of mineral regulating fees**:
- Balanced Mineral Regulating Fees (Hill Area)
- Balanced Mineral Regulating Fees (Plain Area)
- Total Balance (Plain Area + Hill Area)

### Step 5: Show / Hide Additional Details

Click on **Show All** to view full transporter details.

Click on **Hide Details** to collapse the information.

### Step 6: Select Area Type

Choose the payment area:

- **Hill Area** OR
- **Plain Area**

Only one option can be selected at a time.

**Step 7: Enter Payment Amount**

- Enter the desired **Amount** in the Amount field.
- Ensure the amount is valid and numeric.

**Step 8: Initiate Payment**

- Click on the **Make Payment** button.
- System redirects the user to the **Payment Gateway**.
- User completes payment using available payment modes (Net Banking / UPI / Card).

## 5.0 Generate ISTP

**GENERATE ISTP**

Directorate of Geology & Mining  
Government of Uttarakhand

Ram  
Transporter

Generate ISTP

Click here

Click here

Deliver in Uttarakhand | Travel in Uttarakhand

**Seller Information**

1. Seller Reg No/ GSTN No\*  
2. Seller Name\*  
3.State\*  
4.District\*  
5. Village/ward/town\*

**Purchaser info**

Purchaser is registered in Uttarakhand. | Purchaser is not registered in Uttarakhand.

1. Purchaser Reg No.  
2. Purchaser Name.  
3. Purchaser State  
4. Purchaser District  
5. Purchaser Tehsil  
6. Village/Ward/Town

https://mims.ugm.uttarakhand.gov.in/transporter/generate-istp



Directorate of Geology & Mining  
Government of Uttarakhand

PRATAP SINGH  
Transporter

**Purchaser info**

Purchaser is registered in Uttarakhand. | Purchaser is not registered in Uttarakhand.

1. Purchaser Reg No.  
2. Purchaser Name.  
3. Purchaser State  
4. Purchaser District  
5. Purchaser Tehsil  
6. Village/Ward/Town  
7. Purchaser Address

**Border Entry Point**

1. Entry State  
2. Entry District

The screenshot displays the 'Transit Pass Info' form within the Directorate of Geology & Mining Government of Uttarakhand transporter portal. The form includes the following fields:

- 1. Original Transit Pass / Ravanna No \*
- 2. e-Way Invoice No
- 3. TP Generated Datetime \* (dd-mm-yyyy --:--)
- 4. TP Expiry Datetime \* (dd-mm-yyyy --:--)
- 5. Mineral Being Transported\* (--Select--)
- 6. Weight (Ton) \*
- 7. Vehicle Type\* (--Select--)
- 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.) (Choose File / No file chosen)

A red button labeled 'Generate ISTP' is located at the bottom of the form. A callout box with the text 'Click Generate' points to this button. The footer of the page contains the text: '© 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.

## 5.1 Step-by-Step User Flow

### Step 1: Login to Transporter Portal

- Open the Transporter Portal.
- Enter **Username**, **Password**, and **Captcha** (if applicable).
- Click **Login**.

### Step 2: Navigate to Generate ISTP

- From the **left-side menu**, click on **Master Entries**.
- Select **Generate ISTP**.

### Step 3: Select Transportation Type

Choose one of the following options:

- **Deliver in Uttarakhand**
- **Travel in Uttarakhand**

### Step 4: Enter Seller Information

Fill in the **Seller Information** section:

- Seller Registration No / GST No \*
- Seller Name \*
- State \*
- District \*
- Village / Ward / Town \*

### Step 5: Enter Purchaser Information

Select purchaser type:

- **Purchaser is registered in Uttarakhand**
- **Purchaser is not registered in Uttarakhand**

Enter purchaser details:

- Purchaser Registration Number
- Purchaser Name
- Purchaser State
- Purchaser District
- Purchaser Tehsil
- Village / Ward / Town
- Purchaser Address

### Step 6: Enter Transit Pass Information

Fill the **Transit Pass Info** section carefully:

- Original Transit Pass / Ravanna Number \*
- e-Way Invoice Number
- TP Generated Date & Time \*
- TP Expiry Date & Time \*
- Mineral Being Transported \*
- Weight (in Ton) \*
- Vehicle Type \*
- Vehicle Registration Number \*
- Driver Name \*
- Driver Mobile Number \*
- Travel Time (in Minutes) \*
- Upload Transit Pass / Ravanna (PDF only, as specified)

### Step 7: Validate Entered Information

System validates:

Mandatory fields

- Correct formats (dates, vehicle number, mobile number)
- Uploaded document type
- Errors (if any) are shown on screen.

### Step 8: Submit Generate ISTP Request

- Click on **Generate ISTP / Submit** button.
- System processes the request.

**Step 9: ISTP Generation Confirmation**

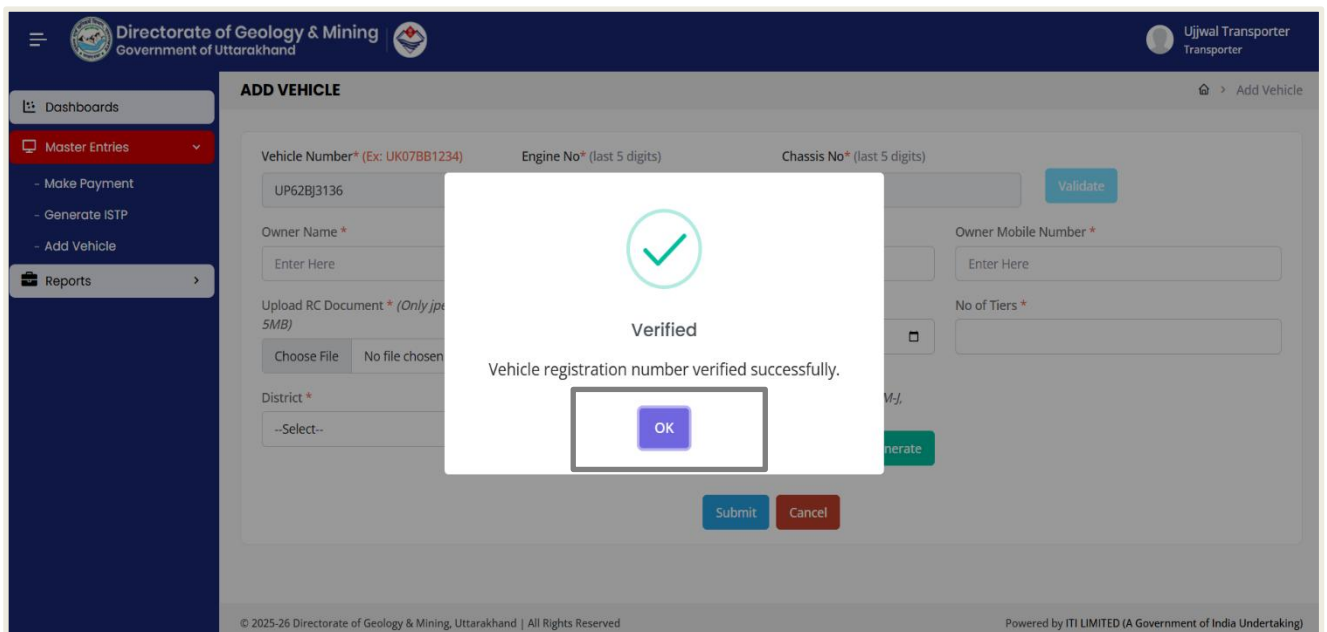
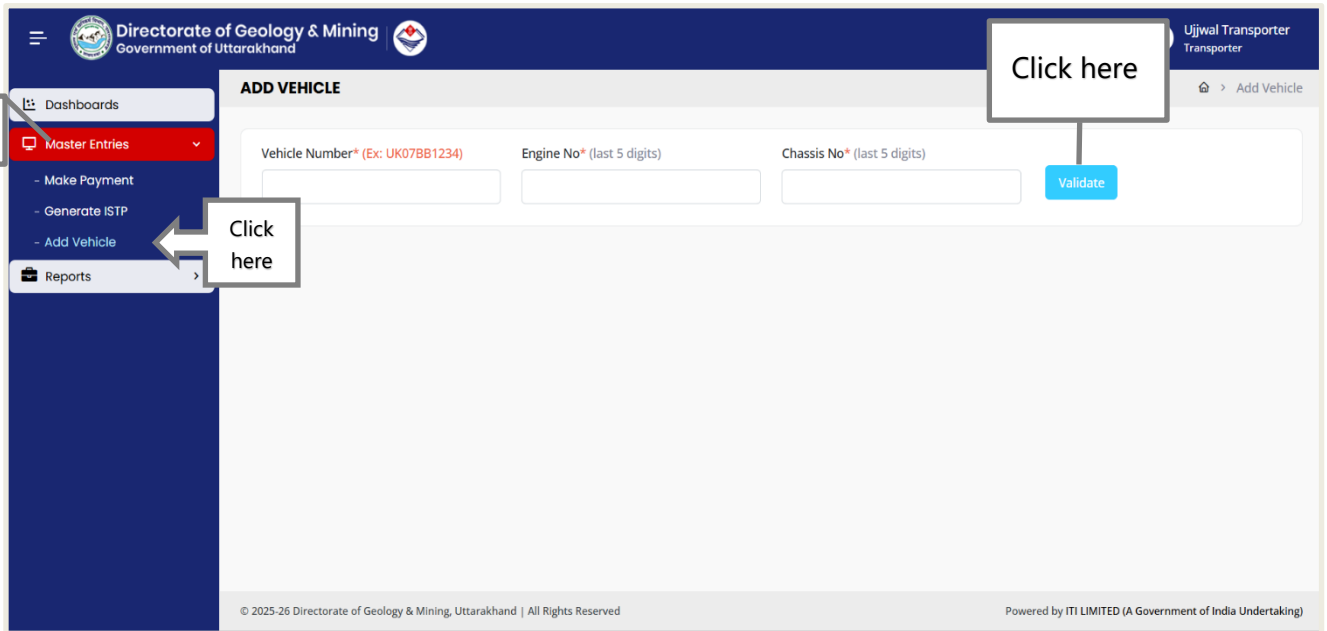
On successful submission:

- ISTP is generated
- Unique ISTP number is assigned
- ISTP becomes available for
- Viewing
- Download
- Printing

**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.

## 6.0 Add Vehicle



**ADD VEHICLE**

Vehicle Number\* (Ex: UK07BB1234) Engine No\* (last 5 digits) Chassis No\* (last 5 digits) Validate

UP62BJ3136 55101 55211

Owner Name\* Owner Address\* Owner Mobile Number\*

Enter Here Enter Here Enter Here

Upload RC Document\* (Only jpeg, jpg, png, pdf Max: 5MB) RC Expiry Date\* No of Tiers\*

Choose File No file chosen dd-mm-yyyy

District\* Generate Code\* (Use For: MM-11, FORM-K, FORM-J, FORM-N) \*\*\*\*\* Generate

--Select--

Submit Cancel

Click here

**ADD VEHICLE**

Vehicle Number\* (Ex: UK07BB1234) Engine No\* (last 5 digits) Chassis No\* (last 5 digits) Validate

UP62BJ3136 55101 55211

Owner Name\* Owner Address\* Owner Mobile Number\*

Enter Here Enter Here Enter Here

Upload RC Document\* (Only jpeg, jpg, png, pdf Max: 5MB) RC Expiry Date\* No of Tiers\*

Choose File No file chosen dd-mm-yyyy

District\* Generate Code\* (Use For: MM-11, FORM-K, FORM-J, FORM-N) 841159 Generate

--Select--

Submit Cancel

Click here

© 2025-26 Directorate of Geology & Mining, Uttarakhand | All Rights Reserved Powered by ITI LIMITED (A Government of India Undertaking)

## Purpose

The **Add Vehicle** module allows a **Transporter** to register a vehicle in the system so that it can be used for **mineral transportation and ISTP generation**.

## 6.1 Step-by-Step User Flow

### Step 1: Login to Transporter Portal

- Open the Transporter Portal.
- Enter **Username**, **Password**, and **Captcha** (if applicable).
- Click **Login**.
- The system redirects the user to the **Dashboard**.

### Step 2: Navigate to Add Vehicle

- From the **left-side menu**, click on **Master Entries**.
- Select **Add Vehicle**.

### Step 3: Enter Vehicle Identification Details

- Enter **Vehicle Number\*** (as per the given format, e.g., UK07BB1234).
- Enter **Engine Number\*** (last 5 digits only).
- Enter **Chassis Number\*** (last 5 digits only).

### Step 4: Validate Vehicle Details

- Click on the **Validate** button.
- The system verifies the vehicle registration details.
- On successful verification, a confirmation message appears:
  - **“Vehicle registration number verified successfully.”**

### Step 5: Enter Owner Details

After successful validation, enter the following details:

- **Owner Name\***
- **Owner Address\***
- **Owner Mobile Number\***

### Step 6: Upload RC Document

- Click on **Choose File**.
- Upload the **RC Document\***.
- Allowed formats: jpeg, jpg, png, pdf
- Maximum file size: 5 MB

### Step 7: Enter Vehicle Additional Details

- Select **RC Expiry Date\*** using the date picker.
- Enter **Number of Tires\***.
- Select **District\*** from the dropdown list.

### Step 8: Generate Vehicle Code

- Click on the **Generate** button under **Generate Code\***.
- The system generates a unique code.
- Used for **MM-11, FORM-K, FORM-J, FORM-N**

### Step 9: Submit Vehicle Details

Review all entered information carefully.

- Click on the **Submit** button.
- To discard changes, click **Cancel**.

**Important Note**

All fields marked with an asterisk (\*) are **mandatory**.

## 7.0 Report section

Click here

Click

Click & show Istp

S#	Transporter Reg.No.	ISTP No.	ISTP Generate Date	Seller Name	SELLER REG.NO/GSTIN NO.	ORIGINAL TRANSSIT PASS NO.	Mineral & Qty (In Tons)
1	TR05000006	IS00006112500000001	29-11-2025 02:22:01 PM	Rohit Yadav	09GJFK654554545	MO00002	Bajri / 10
2	TR05000006	IS00006122500000002	12-12-2025 11:12:06 AM	Rohit Yadav	D5DF545454545	MO00002	Bajri / 20
3	TR05000006	IS00006122500000003	12-12-2025 11:13:34 AM	Raju	D5DF50000000000	M54545	Bajri / 30

Showing 1 to 3 of 3 entries

Previous 1 Next

© 2025-26 Directorate of Geology & Mining, Uttarakhand | All Rights Reserved

Powered by ITI LIMITED (A Government of India Undertaking)

Date	Seller Name	SELLER REG.NO/GSTIN NO.	ORIGINAL TRANSSIT PASS NO.	Mineral & Qty (In Tons)	Purchaser	Vill/Ward, Tehsil, District
:22:01 PM	Rohit Yadav	09GJFK654554545	MO00002	Bajri / 10	Ujjwal Infra LI4525U000006	Dehradun New New Medical Center, , Almora
:12:06 AM	Rohit Yadav	D5DF545454545	MO00002	Bajri / 20	Ujjwal Infra LI4525U000006	Dehradun New New Medical Center, , Almora
:13:34 AM	Raju	D5DF50000000000	M54545	Bajri / 30	Ujjwal Infra LI4525U000006	Dehradun New New Medical Center, , Almora

Previous 1 Next

© 2025-26 Directorate of Geology & Mining, Uttarakhand | All Rights Reserved

Powered by ITI LIMITED (A Government of India Undertaking)

### 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.

**Directorate of Geology & Mining**  
Government of Uttarakhand

**ISTP Pass**

**Directorate of Geology and Mining, Uttarakhand**  
Uttarakhand minor mineral concession rules, 2023  
Inter State Transit Pass

ISTP No: IS00006112500000001 Date and Time: 29-11-2025 02:22:01 PM

Trip Origin: Vill/Ward: Karmaha, Dist: Agra, State: Uttar Pradesh

<b>Seller Information</b>	
Registration No: 09GJFK654554545	Seller Name: Rohit Yadav
Ravanna/Bill No: --	eWay Bill No: 78878
Valid From: 28-11-2025 02:21:00 PM	Valid Till: 30-11-2025 02:21:00 PM

<b>Vehicle &amp; Mineral Information</b>	
Vehicle Type: Truck/Dumper	Driver Name: RAHUL KUMAR YADAV
Number Plate: UK07BB1234	Driver Mobile: 7894561230
Mineral: bajri	Weight (In Tons): 10

<b>Purchaser Information</b>	
Reg. No: LI4525U000005	Name: Ujjwal Infra
Village/Ward: Dehradun new new medical center	Tehsil:
District: , Almora	State: Uttarakhand
Full Address: Dehradun new new medical center	

(Scan This QR Code With A QR Reader)

THIS ISTP IS VALID UPTO: 29-11-2025 03:12:01 PM (0:50 hour(s).)

Print
Back

© 2025-26 Directorate of Geology & Mining, Uttarakhand | All Rights Reserved
Powered by ITI LIMITED (A Government of India Undertaking)

Click print button

## Purpose

The **ISTP List** module allows a **Transporter** to:

- View all generated ISTPs
- Search and track ISTPs
- Open ISTP details
- Print ISTP with QR code for transportation verification

## 7.1 Step-by-Step User Flow

### Step 1: Login to Transporter Portal

Open the Transporter Portal.

- Enter **Username**, **Password**, and **Captcha** (if applicable).
- Click **Login**.
- User is redirected to the **Dashboard**.

### Step 2: Navigate to ISTP List

- From the **left-side menu**, click on **Reports**.
- Select **ISTP List**.

### Step 3: View ISTP List

The ISTP list displays the following details in tabular format:

- Transporter Registration Number
- ISTP Number
- ISTP Generate Date & Time
- Seller Name
- Seller Registration / GSTIN Number
- Original Transit Pass Number
- Mineral Name & Quantity (in tons)
- Purchaser Name & Registration Number
- Village / Ward / Tehsil / District

### Step 4: Search ISTP

- Enter any keyword in the **Search** box (e.g., ISTP No., Seller Name).
- The list updates automatically.

### Step 5: Open ISTP Details

- Click on the **ISTP Number (blue clickable link)** from the list.
- The system opens the **ISTP Details / Print View** page.

### Step 6: View ISTP Details Page

The ISTP detail page displays:

#### Header Information

- Directorate of Geology and Mining, Uttarakhand
- ISTP Number
- Date and Time
- Trip Origin details

#### Seller Information

- Seller Registration Number
- Seller Name
- Ravanna / Bill Number
- e-Way Bill Number
- Valid From & Valid Till

#### Vehicle & Mineral Information

- Vehicle Type
- Vehicle Number
- Mineral Name
- Weight (in tons)
- Driver Name
- Driver Mobile Number

**Purchaser Information**

- Purchaser Registration Number
- Purchaser Name
- Village / Ward
- Tehsil
- District
- State
- Full Address

**QR Code Section**

- QR Code for scanning by enforcement authorities
- Used for real-time ISTP verification

**Validity Information**

- Displays ISTP validity end date and time
- Shows remaining valid duration

**Step 7: Print ISTP**

- Click on the **Print** button.
- The ISTP is printed or downloaded as a hard copy.

## 8.0 Vehicle list

The screenshot displays the 'VEHICLE REPORTS' section of the Directorate of Geology & Mining portal. The interface includes a left sidebar with navigation options: Dashboards, Master Entries, Reports (highlighted), ISTP List, and Vehicle List. The main content area shows a table of vehicle reports with the following data:

ID	Vehicle Number	Security Code	Engine No	Chassis No	District Name	Owner Name	Owner Address	Mobile	RC Document	Status
1	UK32XY6162	146809 <a href="#">Regenerate Code</a>	8R745	42935	Tehri Garhwal	Test	test	1234567895	<a href="#">View</a>	<a href="#">Pending</a>

Additional interface elements include a search bar, pagination controls (Showing 1 to 1 of 1 entries, Previous 1 Next), and a footer with copyright information: © 2025-26 Directorate of Geology & Mining, Uttarakhand | All Rights Reserved. Powered by ITI LIMITED (A Government of India Undertaking).

### 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).

## 8.1 Step-by-Step User Flow

### Step 1: Login to Transporter Portal

- Open the Transporter Portal.
- Enter **Username**, **Password**, and **Captcha** (if applicable).
- Click **Login**.
- User is redirected to the **Dashboard**.

### Step 2: Navigate to Vehicle Reports

- From the **left-side menu**, click on **Reports**.
- Select **Vehicle List**.

### Step 3: View Vehicle List

The system displays a table with the following information:

- Vehicle Number
- Security Code
- Engine Number
- Chassis Number
- District Name
- Owner Name
- Owner Address
- Mobile Number
- RC Document
- Vehicle Status (Pending / Approved / Active)

### Step 4: Search Vehicle

- Enter vehicle number or keyword in the **Search** box.

### Step 5: View RC Document

- Click on the **View** button under the **RC Document** column.
- The uploaded RC document opens in a new window or tab.

### Step 6: Regenerate Security Code

- Click on the **Regenerate Code** button.
- System generates a new security code for the vehicle.

### Step 7: Check Vehicle Status

- View the **Status** column:
- **Pending** – Under verification
- **Approved / Active** – Ready for use

### Step 8: Pagination & Records Control

- Use **Show entries** dropdown to change number of records displayed.
- Use **Previous / Next** buttons to navigate pages.