User Manual Vehicle Registration

Vehicle Registration (Directorate Of Geology & Mining, GoUP)

Prepared By

Directorate Of Geology & Mining, (GoUP)
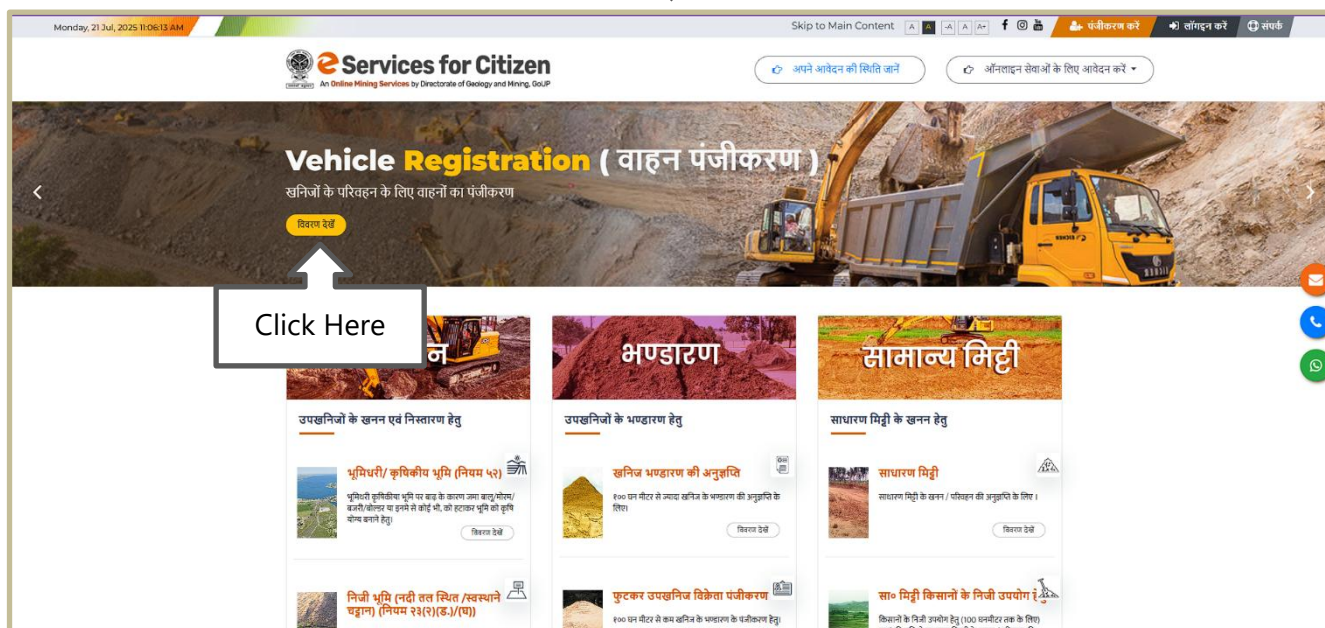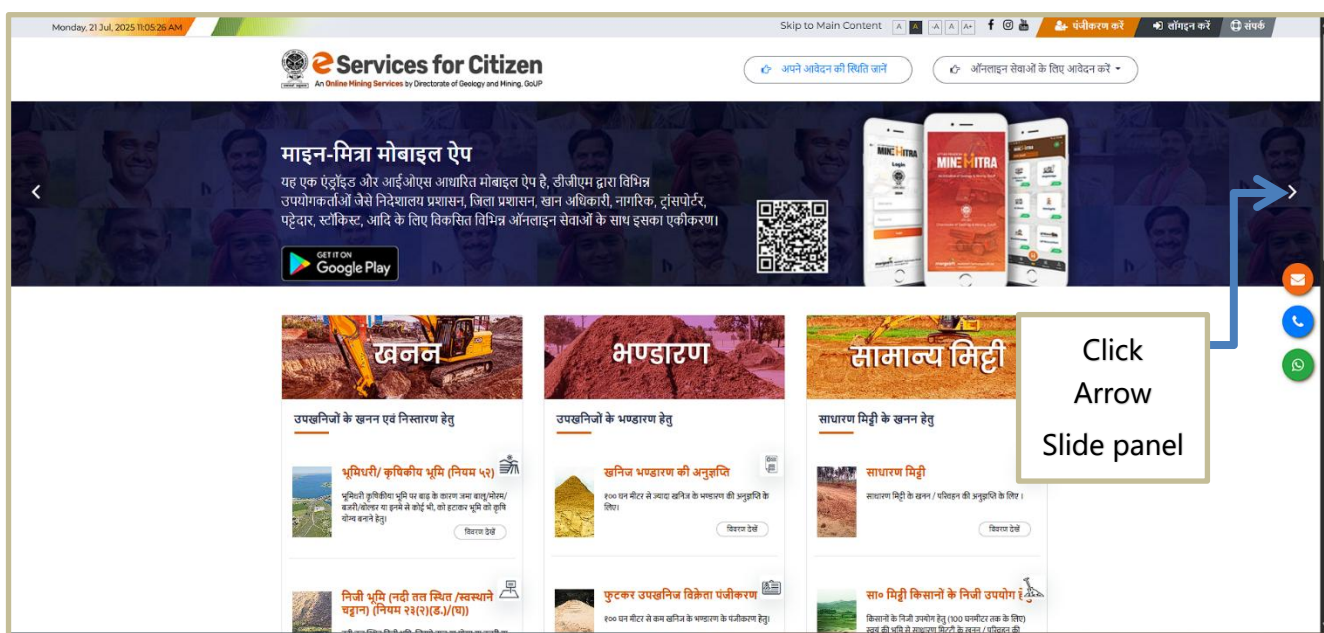
Prepared By

MARGSOFT Technologies (P) Ltd

1.0 Contents

2.0 Steps to Access the Vehicle Registration Portal & Navigation Process to Open the Portal

2.1.1 Steps to Access the Vehicle Registration Section on the UP Mine Mitra Portal:

- Go to the official website: https://upminemitra.in/
- On the homepage, locate the **welcome banner carousel** (sliding banner at the top).
- Slide through the carousel using the arrows or wait for it to auto-slide.
- Look for the slide that displays **"Vehicle Registration"**.
- Once the **Vehicle Registration** option appears, **click on it** to proceed.

Then interface like.

Then, redirect to the Vehicle Registration Portal,

3.0 Introduction

The Vehicle Registration Portal, launched by the Directorate of Geology & Mining, Government of Uttar Pradesh, is a dedicated digital platform designed to bring transparency, efficiency, and accountability in the transportation of minerals across the state.

Through features like vehicle verification, secure eTP (electronic Transit Pass) generation, Minetag integration, and real-time vehicle location tracking, this portal aims to streamline the registration and monitoring process while ensuring compliance with regulatory norms.

This initiative reflects the department's commitment to leveraging technology for better governance. It helps curb unauthorized transportation, strengthens enforcement capabilities, and builds a safer and more organized logistics framework for mining-related transport.

3.1 Step-by-Step Process to Access and Use the Vehicle Registration Portal

3.1.1 Step 1: Open a Web Browser

Open any web browser on your device, such as:

- **Google Chrome**
- **Microsoft Edge**
- **Mozilla Firefox**
- **Safari**
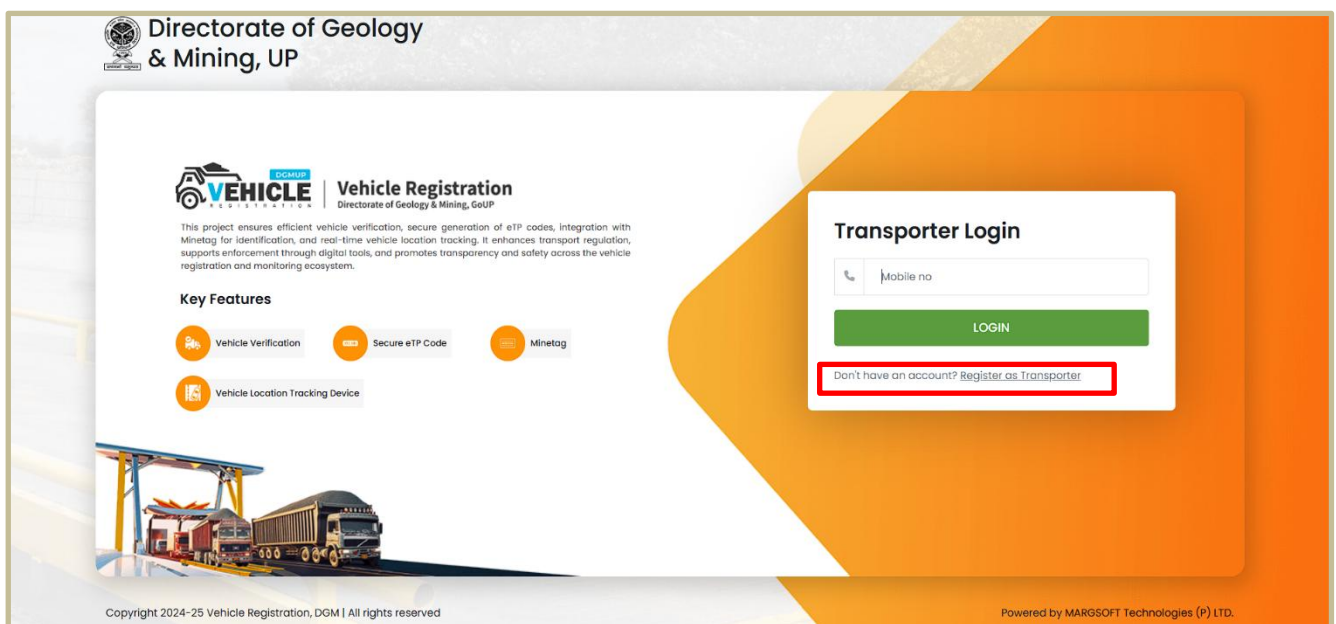- **Bing (via Microsoft Edge)**

3.1.2 Step 2: Visit the Official Portal

In the address/search bar at the top of the browser, type the following URL:
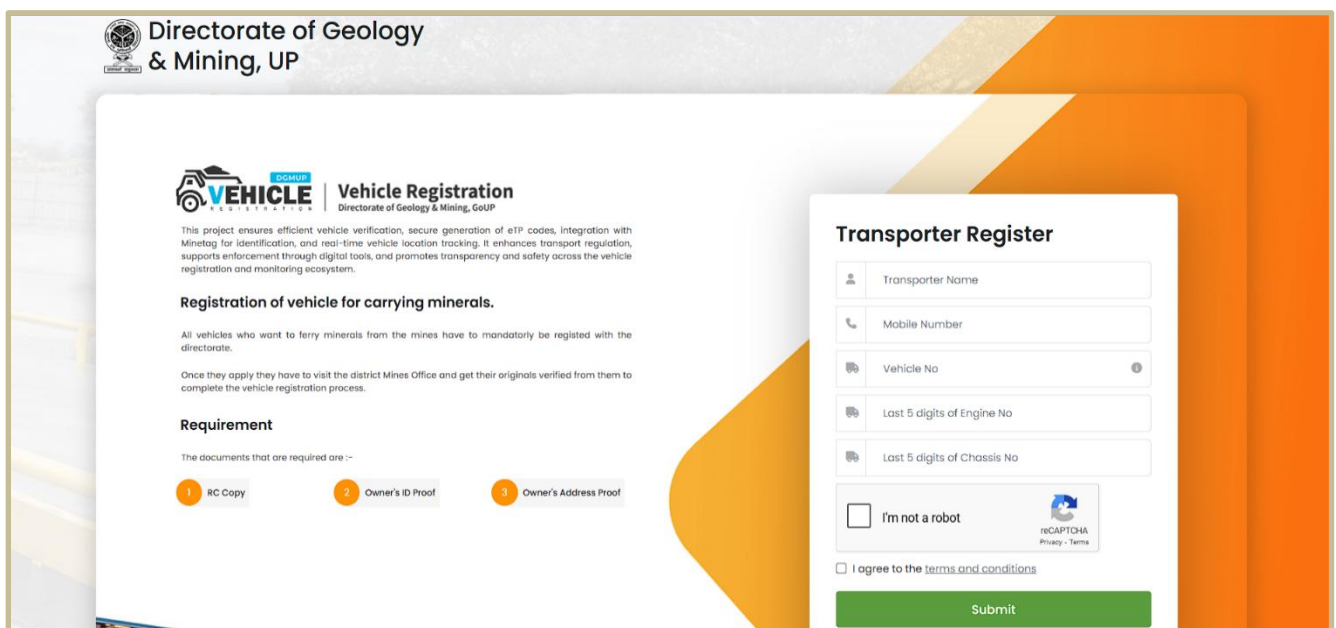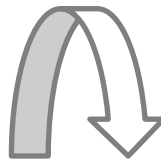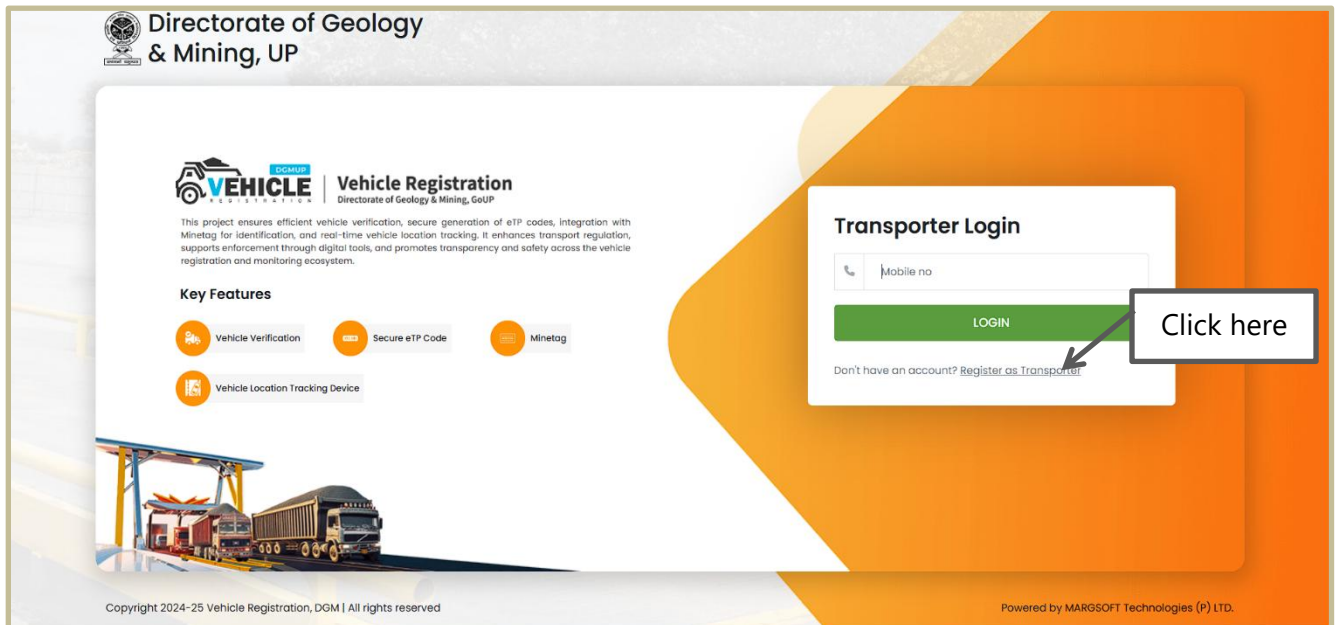 https://registration.vtsdgm.up.in/
Then press **Enter**.
You will now be directed to the official **Vehicle Registration Portal** of Directorate of Geology & Mining, Government of Uttar Pradesh.

Firstly, click Register as Transporter

Enter all details:

3.1.2.1 Required Documents

S#	Document Name
1	RC Copy
2	Owner's ID Proof
3	Owner's Address Proof
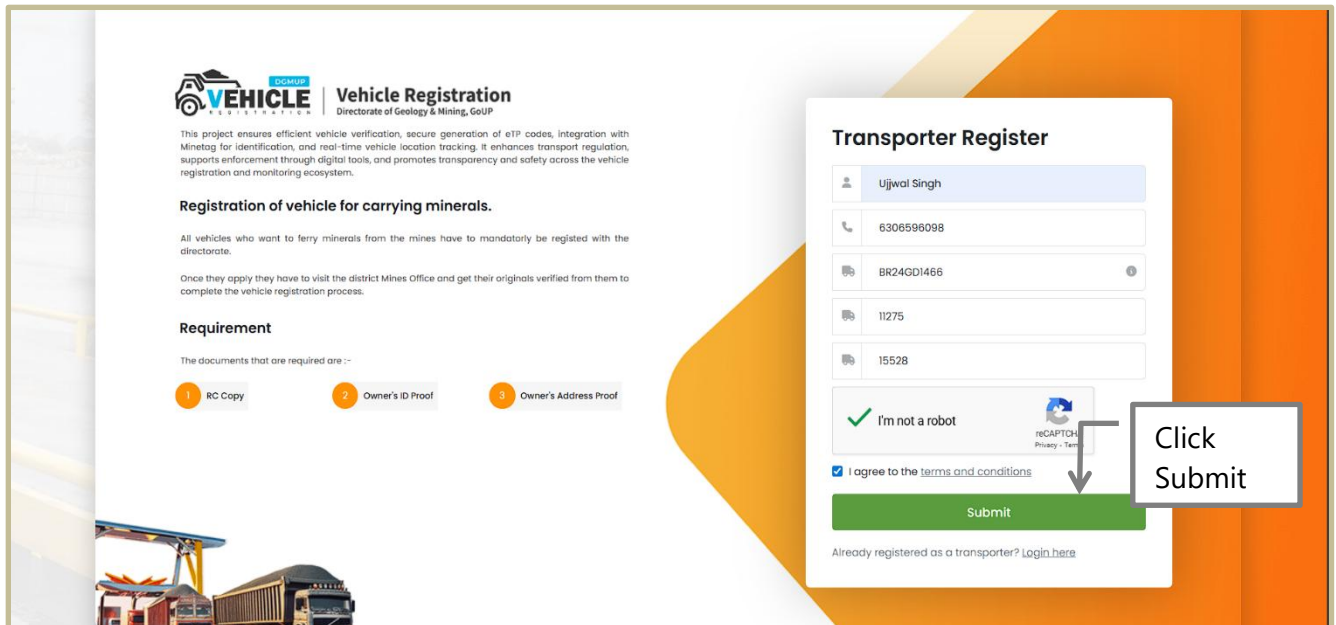
3.1.2.2 Registration Form Fields

S#	Field	Description
1	Transporter Name	Full name of the transporter or business owner
2	Mobile Number	Valid mobile number for OTP & login
3	Vehicle No	Full registration number of the vehicle (e.g., UP32AB1234)
4	Last 5 Digits of Engine No	For vehicle engine identification
5	Last 5 Digits of Chassis No	For vehicle chassis validation
6	CAPTCHA	Checkbox to verify "I'm not a robot"
7	Terms & Conditions Checkbox	Must be ticked to proceed
8	Submit Button	To submit the filled form

3.1.2.3 Step-by-Step Process Summary

S#	Action
1	Open browser and visit https://registration.vtsdgm.up.in
2	Click on "Register as Transporter" link on homepage
3	Fill all required fields in the registration form
4	Complete CAPTCHA verification and accept terms & conditions
5	Click on **Submit**
6	Visit the **District Mines Office** with original documents for physical verification
7	Once verified, login access is granted

Fill details like,

After that Enter Valid OTP

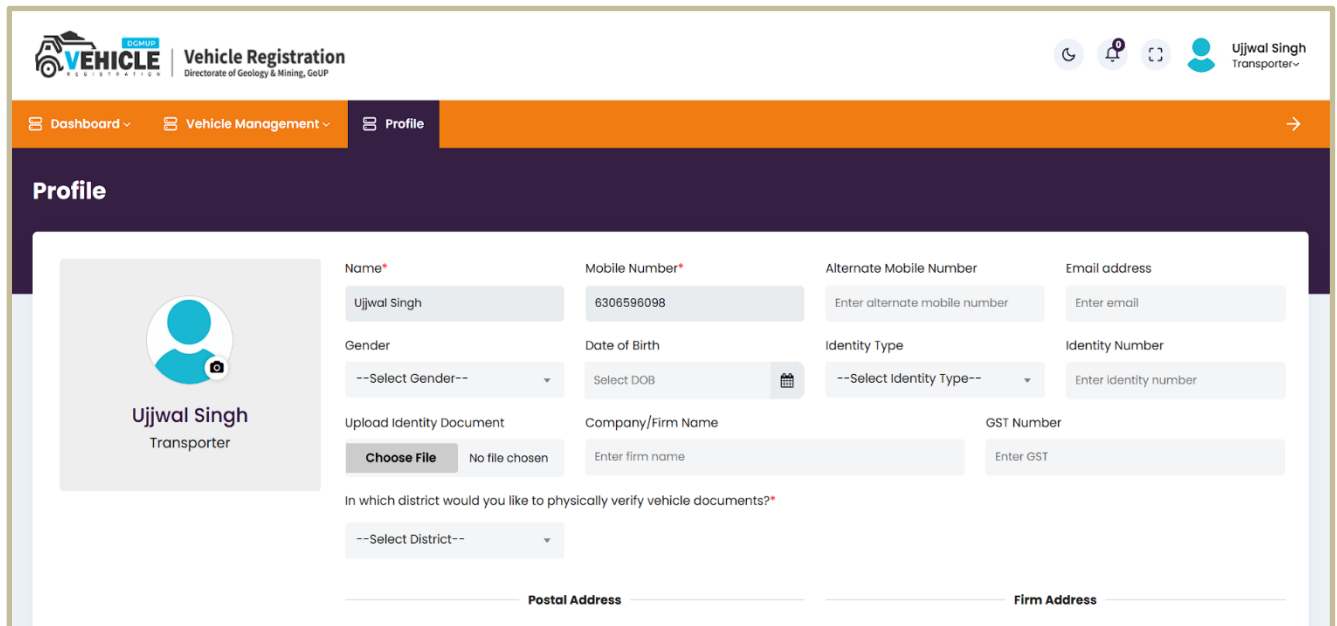After Successful registration update profile first

4.0 Update Profile
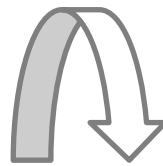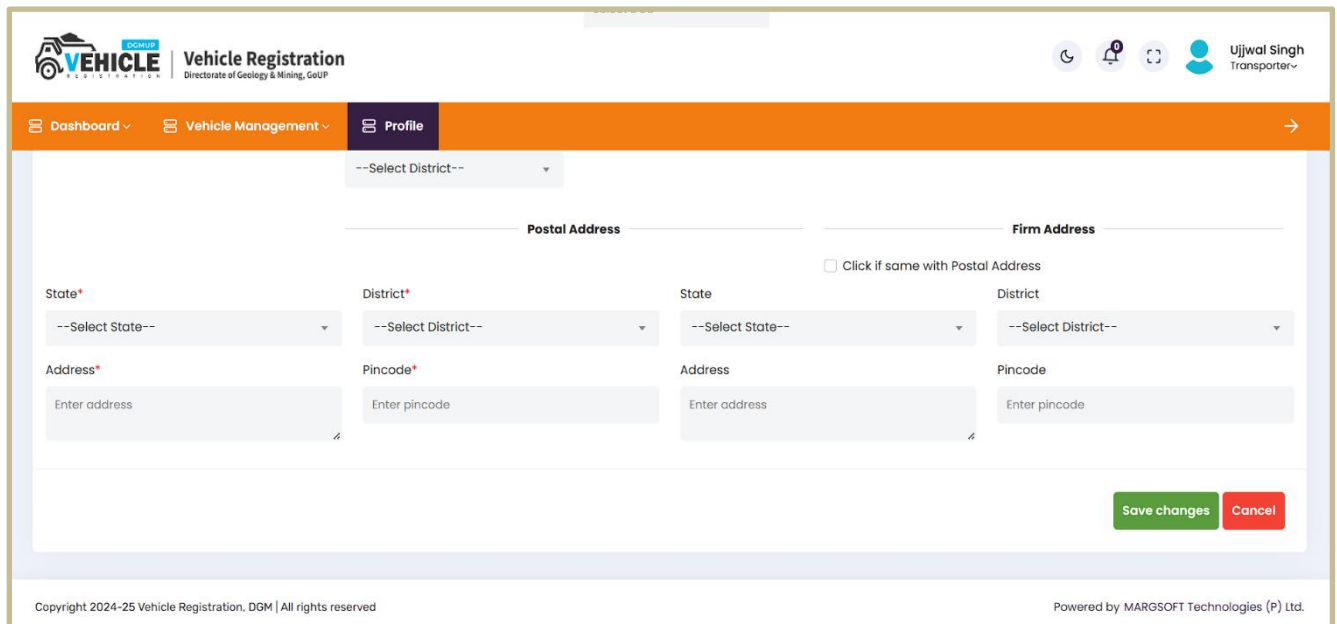
After Successful registration redirect to profile page.

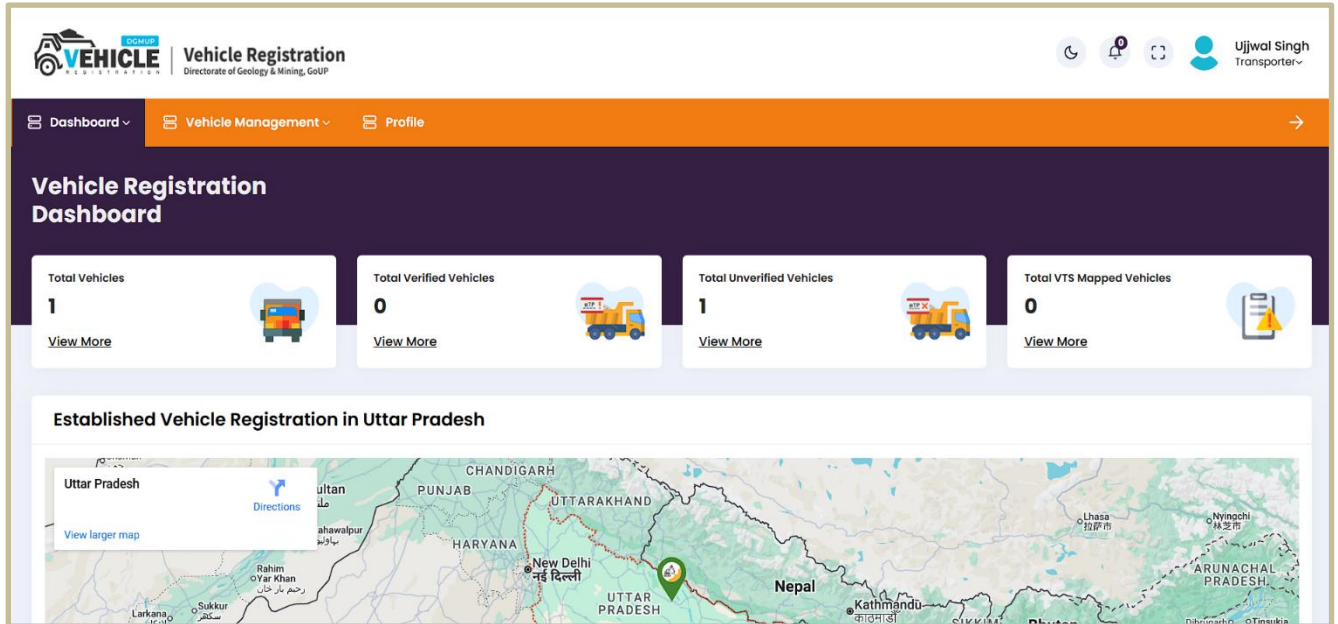## 4.1.1.1 Post-Registration Profile Completion

Step	Action	Purpose
1	After registration, you will be redirected to the **Transporter Profile Page**.	To complete your full identity and address information.
2	Fields like **Name** and **Mobile Number** are auto-filled.	These come from your initial registration form.
3	Fill out the remaining personal and identification details:	Required for account verification and documentation.
	➤ Alternate Mobile Number	For backup contact.
	➤ Email Address	For communication and notifications.
	➤ Gender, Date of Birth	For identity verification.
	➤ Identity Type and Number	Select and enter a valid identity (e.g., Aadhaar, PAN, Voter ID).
	➤ Upload Identity Document	Upload scanned copy (PDF/JPEG).
	➤ Company/Firm Name and GST Number (if applicable)	For business verification (optional but useful).
4	Select the **district** where you will physically verify your vehicle documents.	This is required for future visits to the District Mines Office.
5	Fill in your **Postal Address** completely: State, District, Address, and Pincode.	This is mandatory for location verification.
6	If your **Firm Address** is different, fill it separately. Or tick "Same as Postal Address."	Ensures proper business records.
7	After entering all details, click **"Save Changes"**.	This updates and completes your profile.
8	If you don't want to proceed, click **"Cancel"**.	Discards unsaved changes.

Important Notes

- All fields marked **required** must be filled before proceeding.
- Without completing the profile, **you cannot add vehicles**, generate **eTPs**, or use **tracking features**.
- Once you save your profile, your dashboard and vehicle services become accessible.
- **You cannot access any features on the portal without updating your profile. It is mandatory to fill in all profile details before proceeding further.**

5.0 Dashboard

After completed profile go to dashboard

Scroll Screen

5.1 Full-Screen Overview

Header Section

Logo: "DGMUP Vehicle Registration" — indicates affiliation with Govt. of Uttar Pradesh.

Navigation Icons:

Dark/Light Mode Toggle

Notifications (bell icon)

Fullscreen mode

User Info: "Ujjwal Singh – Transporter" (shows current login identity and role)

Top Navigation Bar

Primary Menu:

Dashboard – default view showing current statistics.

Vehicle Management – dropdown expected to contain vehicle registration/management options.

Profile – for updating user's personal or firm details.

5.1.1.1 Dashboard (Central View)

Vehicle Summary Widgets

These cards give quick visual stats:

S#	Metric	Value	Status
1	Total Vehicles	1	✅ Present
2	Total Verified Vehicles	0	❌ Not Yet Verified
3	Total Unverified Vehicles	1	⚠️ Needs Attention
4	Total VTS Mapped Vehicles	0	❌ Not Mapped Yet
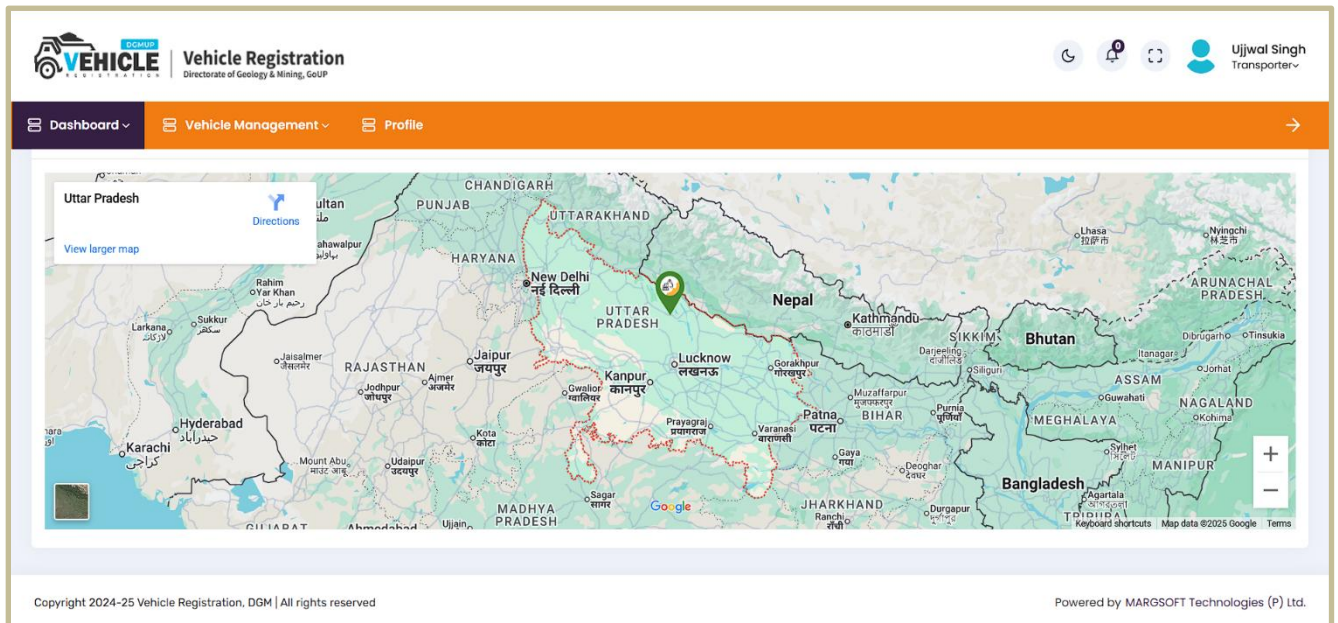
5.1.2 Geographical Visualization (Bottom Map Panel)

Title: **Established Vehicle Registration in Uttar Pradesh**
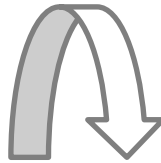
Map: Interactive Google Map embedded, cantered over Uttar Pradesh.

- Shows pin marking "Uttar Pradesh"
- Allows zoom, movement, and external map directions
- Suggests system may be tracking or registering location-based vehicle details.

5.1.3 Footer

- Copyright: © 2024–25 Vehicle Registration, DGM
- Technology Partner: Powered by **MARGSOFT Technologies (P) Ltd.**

5.2 **User Journey / Process Flow**

Step-by-Step Observation for New Transporters:

Login

User logs in with Transporter credentials (visible as "Ujjwal Singh – Transporter")

Dashboard Landing

- Automatically redirected to the Vehicle Dashboard
- Immediate access to vehicle summary and registration stats

Vehicle Overview

- Can click **"View More"** on any card to manage:
- Verification
- VTS Mapping
- Registration status

Geographical Trace

- Confirm operational jurisdiction through **map visualization**
- Possibly use map data for e-permit validation or state-specific transport boundaries

Please note: After logging out of your profile, you will need to log in again to access your account

6.0 Login:
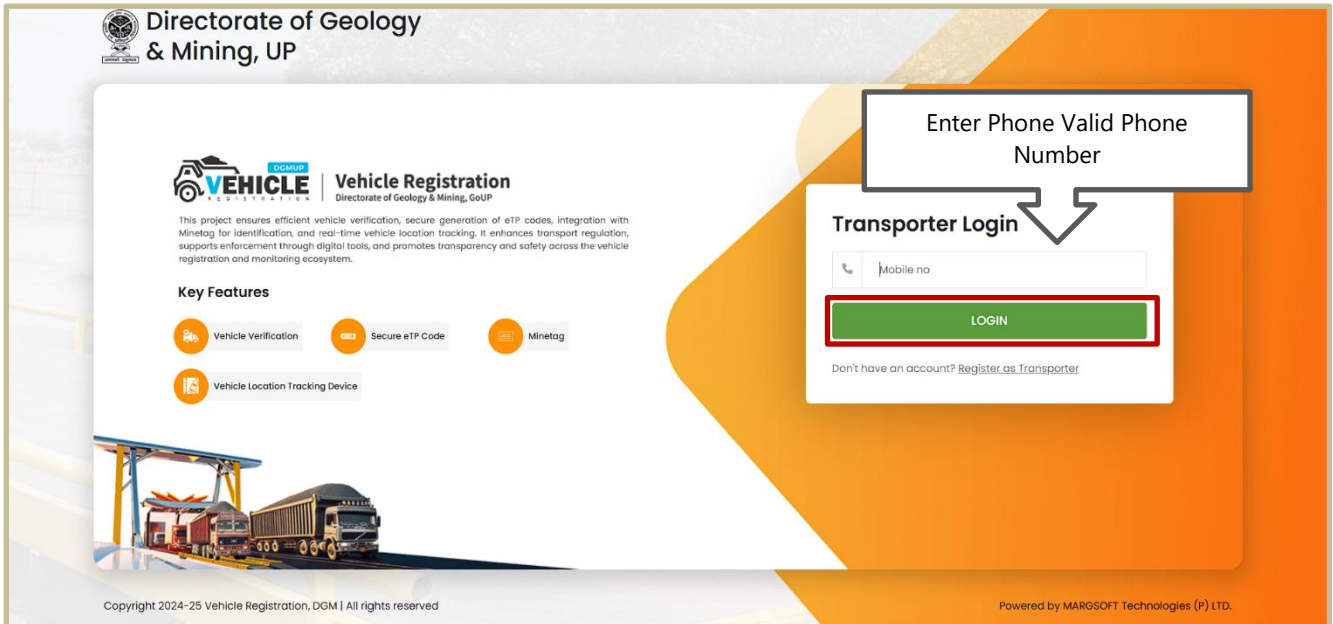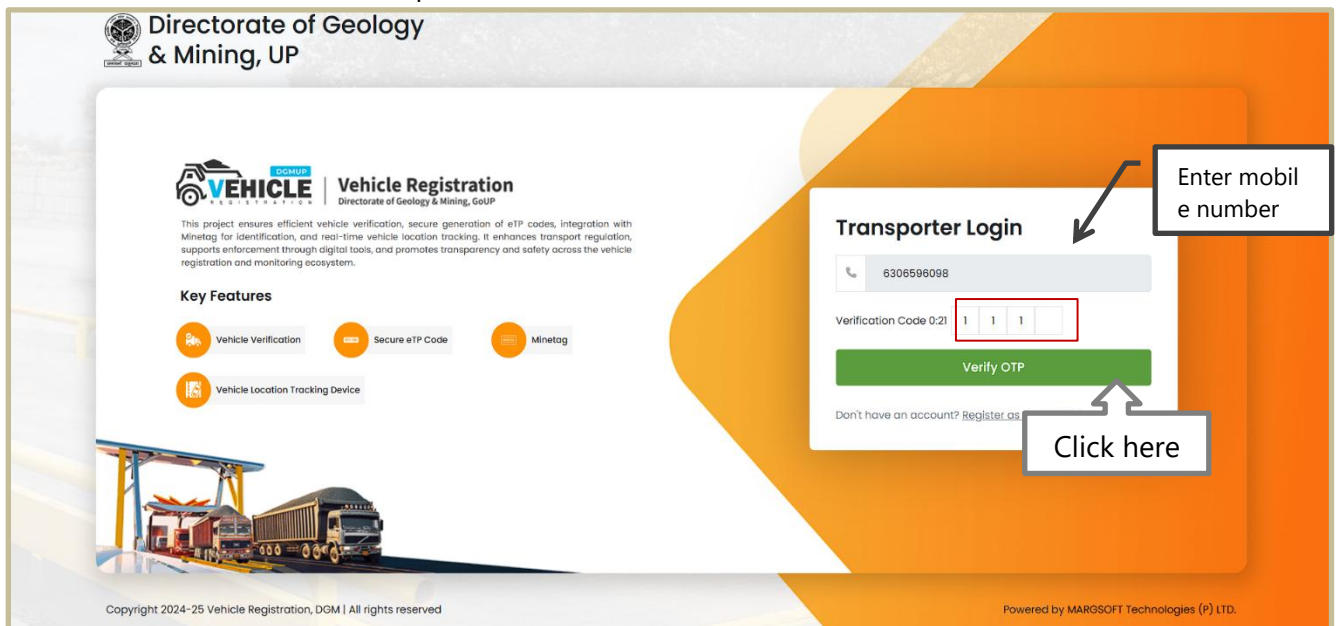

6.1.1 Portal Title & Authority

- Header Text**:** "Directorate of Geology & Mining, UP"
- Logo**:** उत्तर प्रदेश शासन का राजकीय प्रतीक (State Emblem)
- Portal Name**:** Vehicle Registration
- Subtext**:** Directorate of Geology & Mining, GoUP

6.1.1.1 Summary of What the Image Contains:

Enter valid mobile number and proceed

Step 1: Landing & Login (OTP Verification Screen)

**Page Title**: Transporter Login

Actions:

- User enters mobile number (shown: 6306596098)
- Receives a **4-digit OTP** on the registered mobile
- Enters OTP in the designated boxes
- Clicks on **"Verify OTP"** (Green Button)

Behind the scenes:

OTP verification triggers secure login into the dashboard.

System checks if user exists; otherwise, suggests registration.
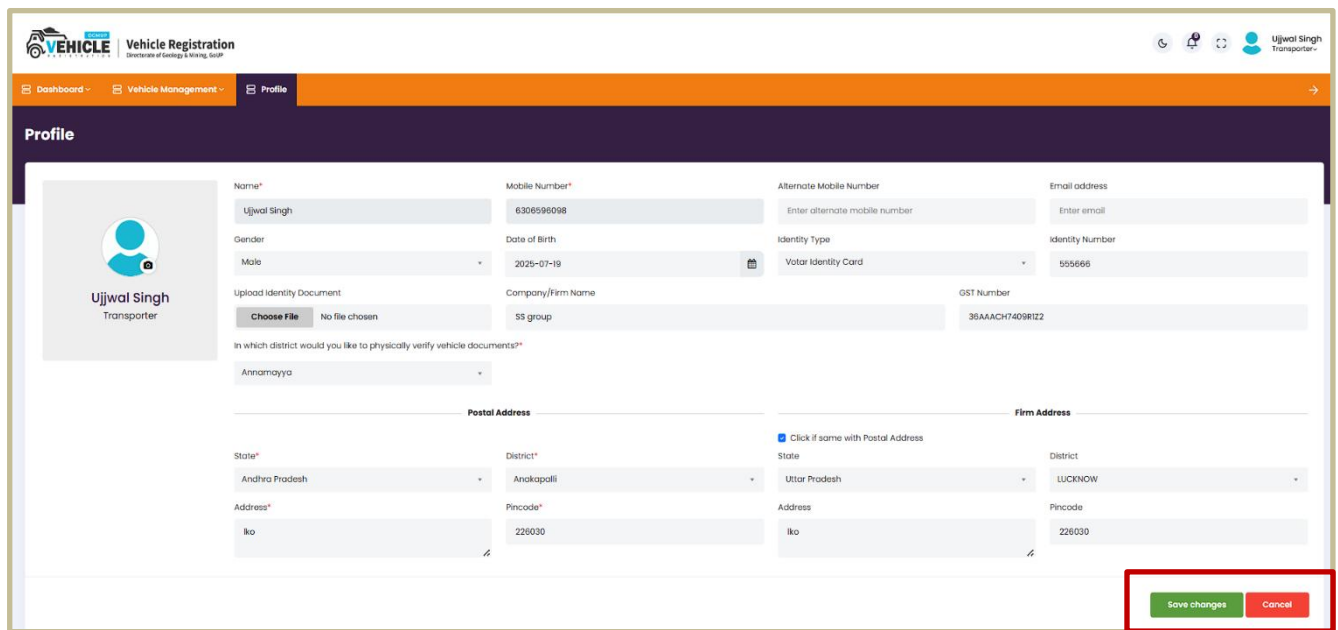
Optional: Click **"Register as Transporter"** if not already signed up.
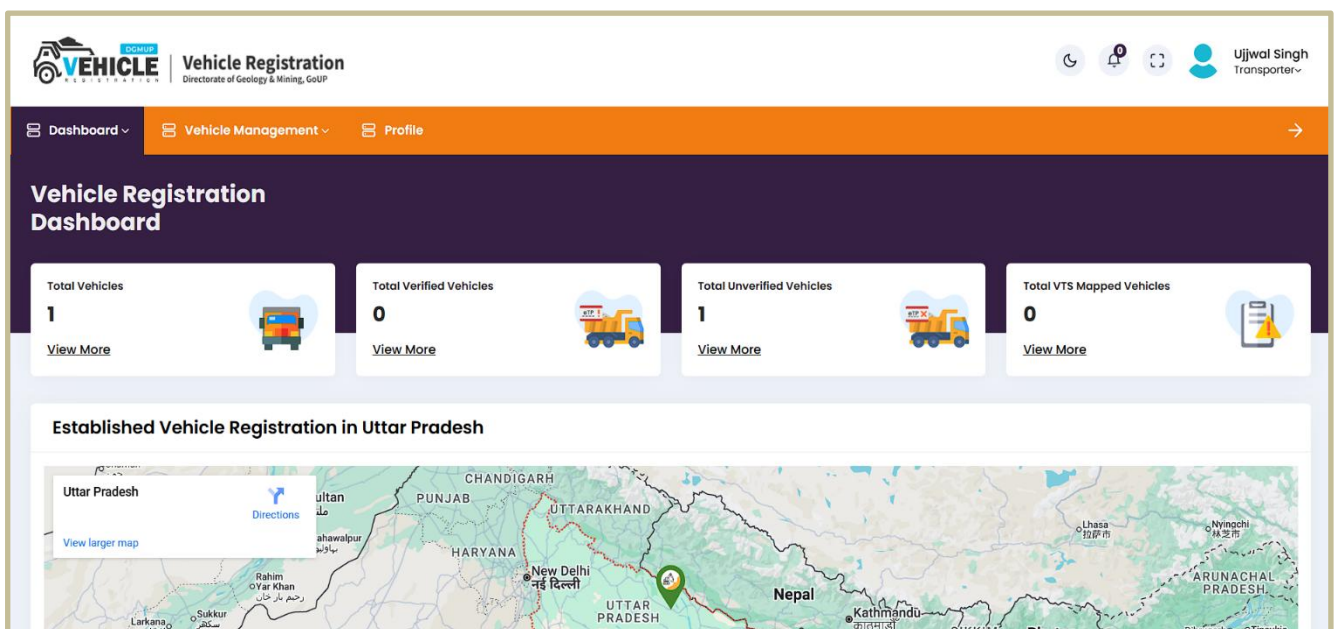
Step 2: Dashboard Access (as seen in previous screenshots)

- After successful OTP verification:
- Redirected to Dashboard

Can see:

- Total Vehicles
- Verified/Unverified status
- VTS Mapping
- Interactive vehicle location map
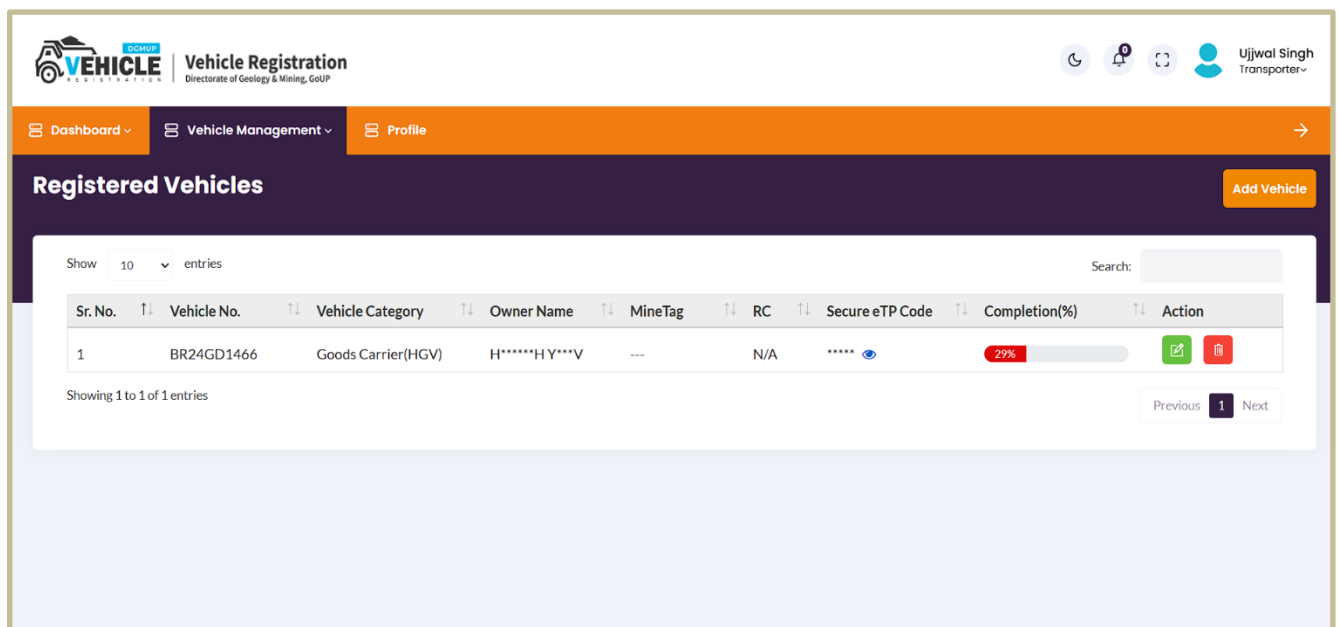
Step 3: Profile Setup (Mandatory Step)

Without updating **Profile**, access to features like vehicle management, eTP, VTS etc. is restricted.

Required Actions:

- Fill business details (Transporter name, company name, PAN/GST etc.)
- Save profile for portal functionality
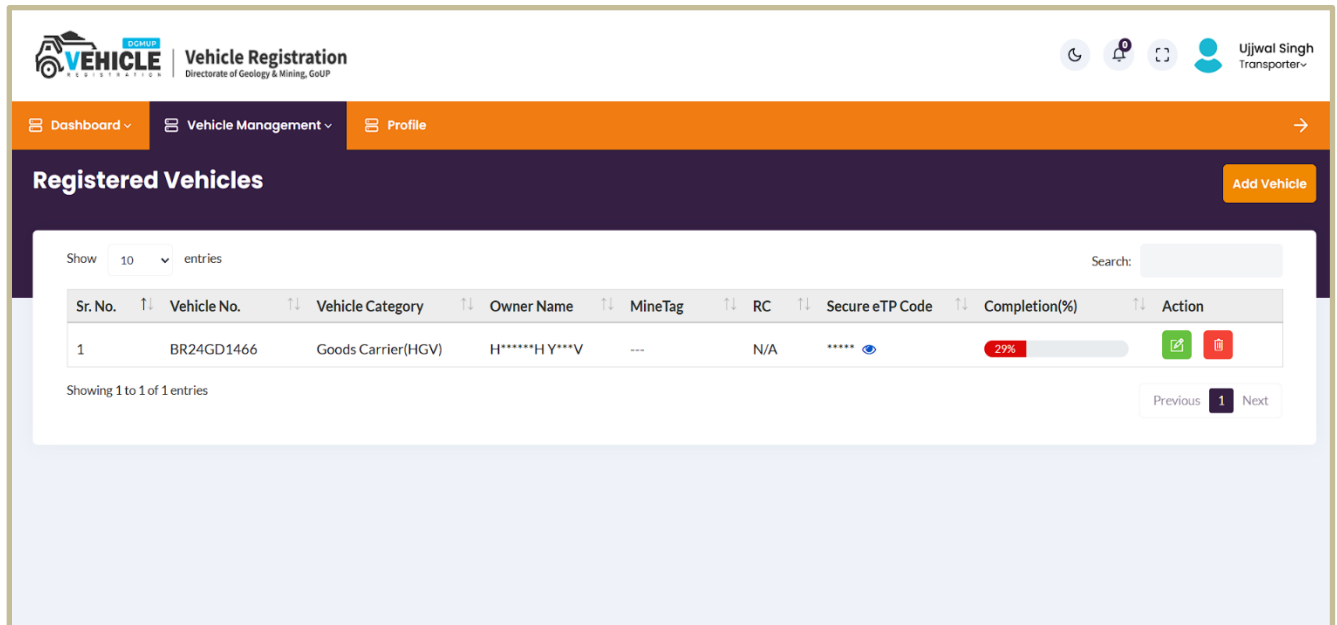
Step 4: Vehicle Registration & Tracking
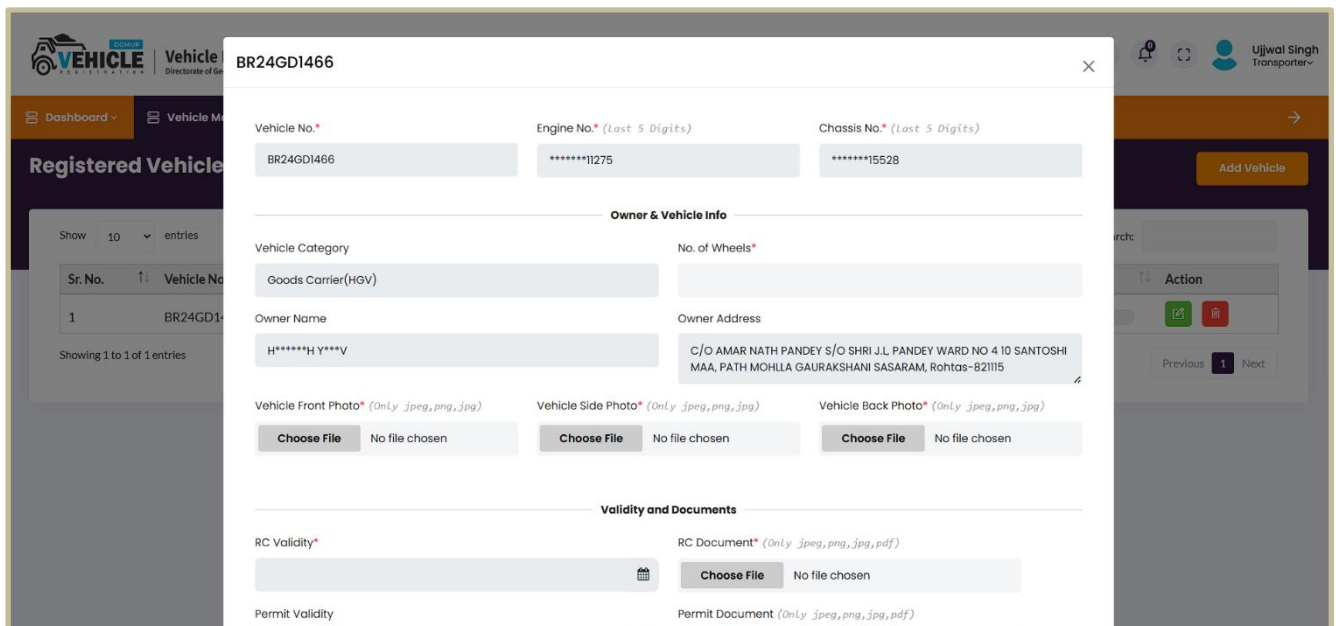
After profile update:

- Navigate to **Vehicle Management**
- Register vehicle details (RC, chassis number, engine number etc.)
- Submit for verification
- Attach **Minetag / VTS Device** for tracking

7.0 Vehicle Management

7.1 Process Flow

1. User Login

- Users (like "Ujjwal Singh – Transporter") must log in with their credentials.
- Post-logout, login is required again – this ensures **session-based security**.
- Once logged in, the transporter dashboard is shown.

2. Dashboard Navigation

- Top Navigation Tabs:
- **Dashboard** – Overview
- **Vehicle Management** – Manage vehicles (view, edit, add)
- **Profile** – User profile settings

3. Registered Vehicles Table

- Shown in first screenshot:
- A table lists all vehicles registered by the transporter.

7.1.1.1 Table Columns:

S#	User Action	System Output
1	Enter Mobile & OTP	Login to portal
2	Access Dashboard	See basic stats
3	Complete Profile	Unlock full features
4	Register Vehicle	Add vehicle data
5	Map VTS & Generate eTP	Full transport compliance enabled

3. Add/Edit Vehicle Modal

Shown in second screenshot:

When user clicks the **edit (green)** button, a modal opens with complete vehicle details:

Vehicle Information:

- **Vehicle No., Engine No., Chassis No.** (Last 5 digits masked)
- **Vehicle Category**: Pre-selected or drop-down
- **No. of Wheels**: Not shown, possibly auto-filled or manual input

Photo Uploads:

Vehicle Front, Side, Back Photos (formats: jpeg, jpg, png)

Owner Details:

- **Owner Name & Address**
- **MineTag No.** (Button to generate MineTag)
- **Mobile No. (Minetag)** & **Status** (blank fields)

4. Secure eTP Code:

- A code is shown (e.g., **88046**)
- Button to **Regenerate**

5. Minetag Details:

- Mintag No
- Mobile No. (for mintag)
- Status

Note:

Sync button to fetch from system or GPS.

6. Vehicle Tracking Device Details

- MTI No.
- SIM No.
- SIM Validity
- Install date/time
- Latitude/Longitude
- Status

Note:

VTS Button Pull live tracking data.

Close (red) – Cancel changes

Update (green) – Save changes

Key Functional Concepts

1. Secure Code (eTP)

- Stands for "Electronic Transit Pass"
- Used to track vehicle movement, generate compliance documents (like e-way bills)
- Regenerated via a button in the form

2. MineTag Integration

- Allows vehicles to be linked with a mining permit or specific mining site
- Currently not linked (---) – may depend on MineTag issuance workflow
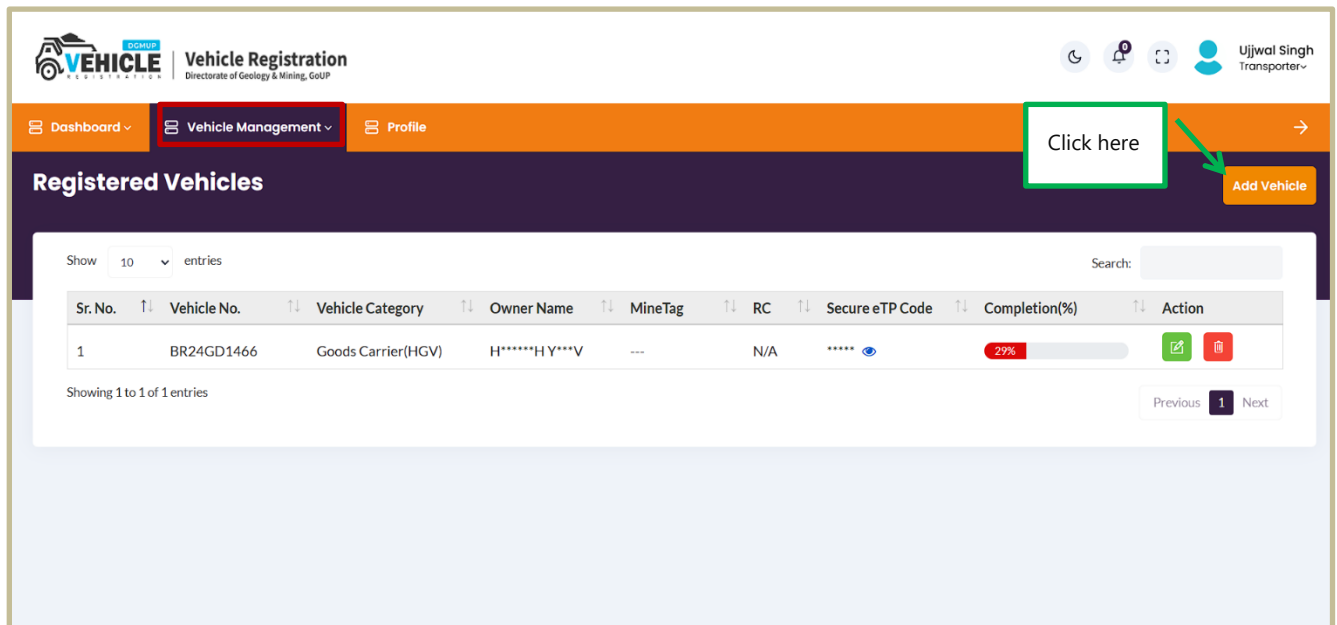
3. Completion Percentage

- Shows how many fields/documents are filled or uploaded
- Color-coded progress bar (e.g., 29% in red indicates incomplete status)
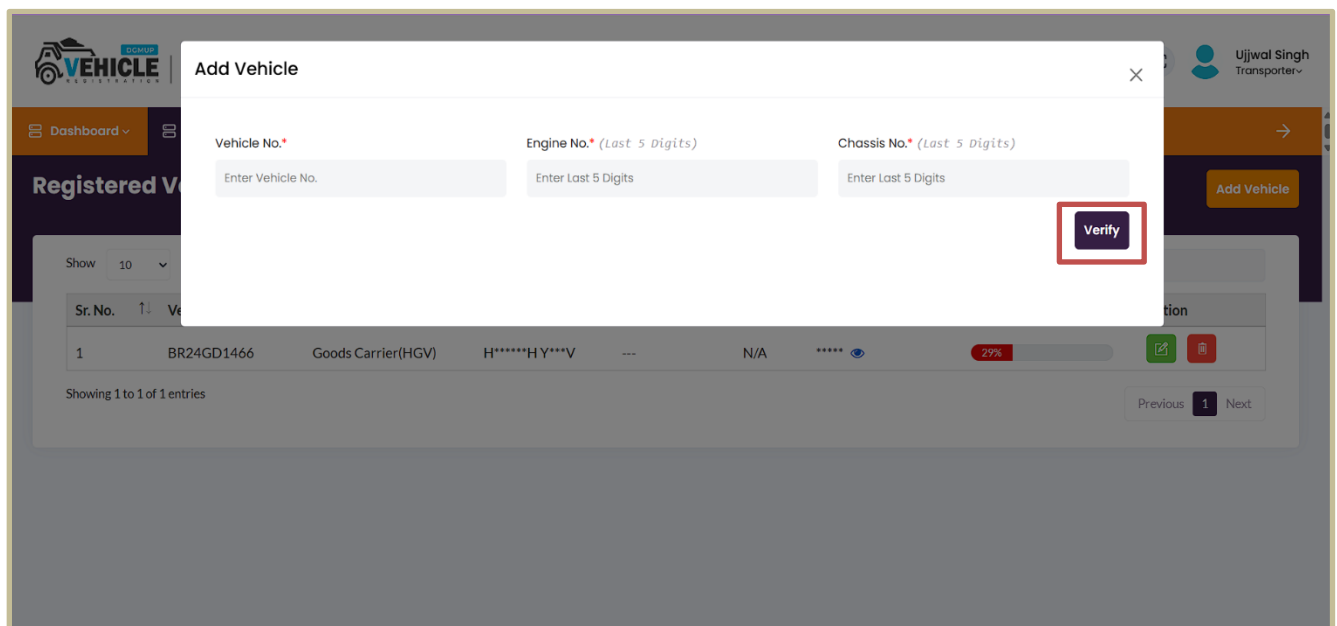
4. Masked Data

Sensitive fields like Engine No., Owner Name are masked for security and privacy

8.0 Add Vehicle

STEP 1: Navigate to Registered Vehicles

Location in Portal:

Main Menu ➜ Vehicle Management ↧ ➜ Registered Vehicles

STEP 2: Click on "Add Vehicle" (Orange Button at Top-Right)

Action: Click the **Add Vehicle** button.

This launches a **popup modal form**.

STEP 3: Fill Vehicle Details in Modal Form

8.1.1.1 Form Fields (all marked required)

S#	Field	Description	Input Format
1	Vehicle No.	Enter full vehicle number	e.g., BR24GD1466
2	Engine No.	Enter **last 5 digits only**	Numeric
3	Chassis No.	Enter **last 5 digits only**	Numeric

POST-VERIFICATION NAVIGATION

- If verified successfully, the vehicle is added to the list.
- It will now appear in the main **Registered Vehicles Table** with default values like:
- Completion % = 29%
- RC = N/A
- MineTag = Not Mapped
- eTP Code = Hidden

You can later:

Edit using the green button to update missing documents/details.

Delete vehicle if incorrect.